

Product Catalogue

Presenting our wide range of industrial enclosures and accessories.







Floor Standing Enclosures **01**

Wall Mounted Enclosures **02**

Terminal Boxes **03**

Human Machine Interface **04**

Thermal Management **05**

Cable Management **06**

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Product overview

01 | Floor Standing Enclosures



Scan the QR code to see the range's movie presentation

02 | Wall Mounted Enclosures



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03 | Terminal Boxes



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04 | Human Machine Interface



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05 | Thermal Management



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07 | General Accessories



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Life will be easier with Eldon as your partner

By choosing to partner with Eldon, you are making the right price, quality and service choice. Eldon's knowledgeable, motivated and attentive staff at our strategically located sales offices will always go the extra mile to provide unmatched expertise and support. Every Eldon sales office delivers the high levels of attention and personal service that result in long-term partnerships with our customers.

Eldon also offers more specific services, such as stock keeping, certification assistance and useful engineering tools.

Stock keeping

Putting your needs first, Eldon's 100% reliability concerning quality, on-time delivery and unmatched partnership approach is reflected by our willingness to keep stock of customized enclosures for repetitive orders.

One stock keeping service is called Safety Stock and is offered to customers placing repeat orders of customized enclosures and who are unable to hold substantial stock for long periods due to space or cost reasons. The other form is Call Off Stock, which can be described as a pre-booked order over a longer period of time, where the customer simply sends a call off order when the item is needed.

Certification

All product certificates are available on the Eldon website. In addition, Eldon will help customers obtain any additional certification required for customized Eldon enclosures. This means independent laboratories will test the compliance of customized Eldon enclosures according to international standards such as IEC 62208, cULus Listed 508A, GOST and CSA, among others, on behalf of Eldon.

Support tools

The Eldon website offers a wide range of support tools, including CAD drawings (2D DXF, PDF and STEP), product data sheets, mounting instructions, an EPLAN library, and thermal management software.

Eldon's Thermal Management software is an advanced support tool to ease the dimensioning of filter fans, cooling units, heat exchangers and heaters to be used with the enclosures you work with.

YOUR BENEFITS

- High service level through local sales offices
- Insight into local requirements
- Stock keeping services to eliminate space requirements
- Stock keeping services for faster deliveries
- Certification support to guarantee compliance of customized enclosures
- Support tools for efficient engineering within the customer organization



Scan the QR code
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Eldon Corporate Movie



Standard and customized enclosures and accessories for virtually any application

Eldon's comprehensive standard product range includes mild steel and stainless steel wall mounted and floor standing enclosures as well as console systems, polyester enclosures, outdoor enclosures and terminal boxes. We also deliver customer-specific enclosure solutions from early stage specifications, created together with you, through prototypes to batch delivery.

Eldon enclosures are optimized for power distribution and automation & control, for customers in many industries. User friendliness, both for panel builders and for the service and operational staff, is key in Eldon's engineering work.

Off-the-shelf deliveries are made possible thanks to Eldon's six strategically located European warehouses, where modifications such as hole making and cut-outs can be handled as well.

Modification of standard enclosures

Our state-of-the-art engineering and manufacturing expertise enables us to modify standard enclosures to your specific requirements. For large batch sizes, we include hole making and cut-outs in the actual production process. For smaller batches, we offer express customization at our Service Centers. These are located at our European warehouses and cut lead times dramatically.

Assembly services to reduce costs

To further support you, we take on assembly of our own accessories as well as assembly of your specific accessories. These can be sourced by you or developed together with you and purchased by Eldon.

Quality at every level is a way of manufacturing life for Eldon

Our quality philosophy is reflected by top management leadership, continuous improvement, fast response and employee commitment and participation.

Eldon is certified both to the quality standard ISO9001:2008 and to the environmental standard ISO14000:2005. Our products are manufactured at two state-of-the-art plants in Romania and India, and are delivered with a full set of certifications.

QUICK FACTS

- Full range of standard enclosures and accessories
- Customization and assembly service capabilities
- Wide range of services
- Six distribution centers
- Presence in 50 countries
- Over 90 years of business experience

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01 Floor Standing Enclosures



Mild steel, Indoor

Combinable enclosures overview	16
Single/double door, MCS / MCD	18
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19" ICT rack, MCI	44
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Floor Standing | Mild Steel Range

The enclosures in the floor standing mild steel range, with single or double door versions, are epoxy polyester coated in light grey, RAL 7035. Corrosion resistance is guaranteed by salt spray tests conducted internally according to the standard ASTM B117:11.

The enclosures are typically used for indoor applications, such as machine control panels, automation and control of manufacturing lines, or for power and distribution panels.

The welded frame makes the enclosure strong and rigid and thus well suited for heavy duty applications. A wide range of accessories are available to allow for any configuration. And, since all enclosure versions are designed around the same platform, the same accessories may be used on all versions, which makes engineering easier and allows for stock reduction with panel builders and distributors. The assembly of the enclosures and accessories is easily done and will help you to reduce assembly time and remain competitive.

This enclosure range has been designed to comply with the relevant standard for empty enclosures, IEC 62208, and is regularly audited by the independent laboratory DEKRA which allows Eldon to put the KEMA-KEUR mark in the enclosures.


Maximum protection for the user and the equipment is achieved thanks to the high protection degrees IP 55, 56 and 66 according to IEC 60529, and IK 10 according to IEC 62262.

Two different enclosure versions are available in the mild steel range:

- **Combinable**, which allows for combining two or more enclosures together;
- **Compact**, which has a removable roof to allow for faster hole making. This is especially useful for HVAC applications requiring top cable entry;

The table below presents the main characteristics of each version:

All enclosures in the range have UL certification for the USA, CSA for Canada, GOST and EAC for Russia and others, which makes export easier, especially for machine builders.

	Combinable	Compact
	Mild Steel	Mild Steel
	MCS MCD	MKS MKD
		
FRONT	door	door
SIDES	removable	removable
REAR	removable	removable
ROOF	removable	removable
BOTTOM	3/4 pieces	3 pieces

Floor Standing Enclosures

Steel Range

Mild Steel, Combinable

Typical Application | Mild Steel, Combinable

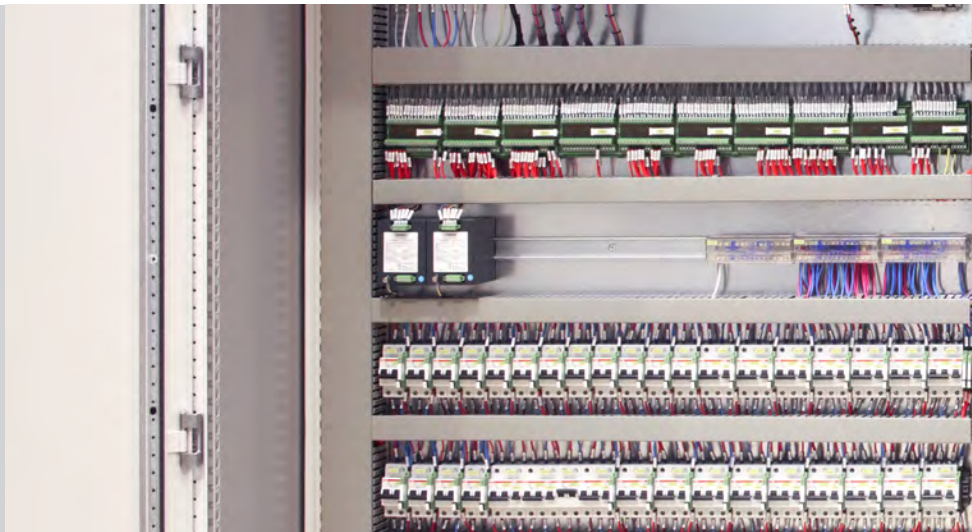
Machine

Process Automation

Electricity Transmission & Distribution

Electricity Smart Grids

Building HVAC



The combinable enclosure version comprises a rigid 'open' frame, a set of panels, and a front door. The frame is made of four vertical profiles and eight horizontal profiles welded together. The profiles have an integrated 25 mm hole pattern along their whole length. The rear, bottom, top and side panels, as well as the doors, can be easily removed. This allows for combining enclosures on all sides, easy access for cabling and/or mounting of interior components, plus simplified drilling and hole-making.



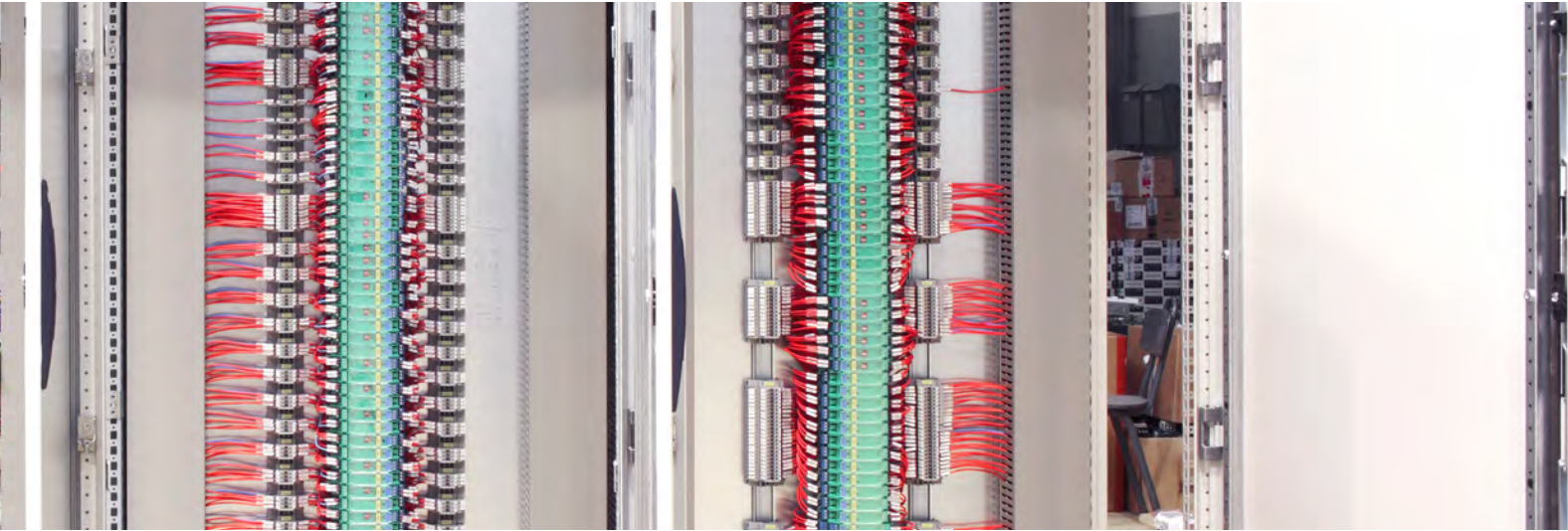
Electrical substation application

Different types of relays and components must be installed and protected in an enclosure, such as the Power System Protection Relay (P142), the electro mechanical interface relays for Circuit Breaker Tripping (MVAJ). To assemble these components, 19" swing frames with specific requirements - like heavy load capacity and mounting plates - were used. Another important advantage for the client is to be able to receive the 19" front plates with the needed cut-outs to fit their own components. Our solution focused towards the strength of the mild steel combinable version, single door enclosure (MCS), with a specially developed swing frame, for very high load capacity, and various accessories to ensure safe operation. These base enclosures are supplied with different 19" front plate configurations, according to project specifications.



Process Automation Application

The low voltage AC drive module enclosure was designed for industrial applications and in particular for applications in process industries such as the pulp & paper, shipping, metals, mining, cement, power, chemical or oil & gas. For its projects, the customer required a versatile solution which allowed the design of any type of assembly, with different enclosure sizes and number of modules. An important requirement was having various ventilation options. Eldon offered a customized solution of the mild steel combinable version, single door enclosure (MCS), and specific accessories. The MCS drive solution was delivered with the mechanical pre-work done (fixing holes, cut-outs etc.), to speed up the assembly of the components.



Robust profiles

The patented Eldon profiles, with their integrated 25 mm hole pattern, are continuously laser welded and folded eight times, with two double bends. Frame profiles are joined together by rigid, fully welded corner pieces.



User friendly

Doors as well as the rear, bottom, top and side panels can be easily removed. This allows easy access for cabling and/or mounting of interior components, plus simplified drilling and hole-making.



Superior finish

In the mild steel line, the finish of the welds and paint cover is extra high quality. This eliminates the risk of damage after transportation and/or in the workshop.



Tailored solutions

Customers can build their own configuration by using combinable standard modules.

Floor Standing Enclosures
Steel Range | Mild Steel
Combinable, Single Door | MCS

IP 56 | TYPE 4, 12, 13 | IK 10



**Material:**

Frame: 1.5 mm painted steel. Door: 2 mm painted steel.
Rear, roof and side panels: 1.5 mm painted steel.
Mounting plate: 3 mm galvanized steel.
Bottom plates: 1 mm galvanized steel.

Frame:

Seam welded reversed open profiles with 25 mm hole pattern according to DIN 43660. Including integrated external hole pattern.

Door:

Mounted with four hinges allowing left or right hand opening. Including door frame with 25 mm hole pattern.

Rear panel:

Fitted by M6 torx screws. Standard facilities for rear door mounting.

Side panels:

Supplied as an accessory.

Roof panel:

Removable.

Lock:

Espagnolette 4-point locking system. Does not interfere with the enclosure inner space. Standard double-bit lock with 3 mm insert. Standard inserts, cylinders, lift handles and T-handles are available as accessories.

Bottom plates:

Consists of three or four (D>600) pieces.

Mounting plate:

Double folded and slides into position. Adjustable in depth by steps of 25 mm with the MPD02 accessory. Supplied outside of the enclosure packaging.

Earthing:

All panels are earthed through their fittings and are equipped with a separate earthing stud.

Finish:

RAL 7035 structured powder coating.

Protection:

Complies with IP 56 | TYPE 4, 12, 13 | IK 10.

Approvals:

CE, CSA, DNV-GL, EAC, GOST, Kema Keur, Lloyds shipping, RS, cULus_listed.

Mounting requirement:

Standard delivery ready for combined installation. For stand-alone installation add side panels. In 400 mm wide enclosures a mounting plate, bottom plates and door frame are not included.

Delivery:

Frame with fitted door, rear panel, roof panel, bottom plates, mounting plate and door frame. Delivery also includes earthing bolts. For enclosures 2200 height, delivery includes two CMB profiles mounted in depth.

Delivered on a pallet which is identical to the width of the enclosure to allow suiting without removal.

All packing material is recyclable.



Dimensional table | MCS

IP 56 | TYPE 4, 12, 13 | IK 10

Cable enclosures: without MP, bottom plates and door frame

Enclosure dimensions			Item no.
H	W	D	
1800	400	400	MCS18044R5
1800	400	500	MCS18045R5
1800	400	600	MCS18046R5
2000	400	400	MCS20044R5
2000	400	500	MCS20045R5
2000	400	600	MCS20046R5
2000	400	800	MCS20048R5

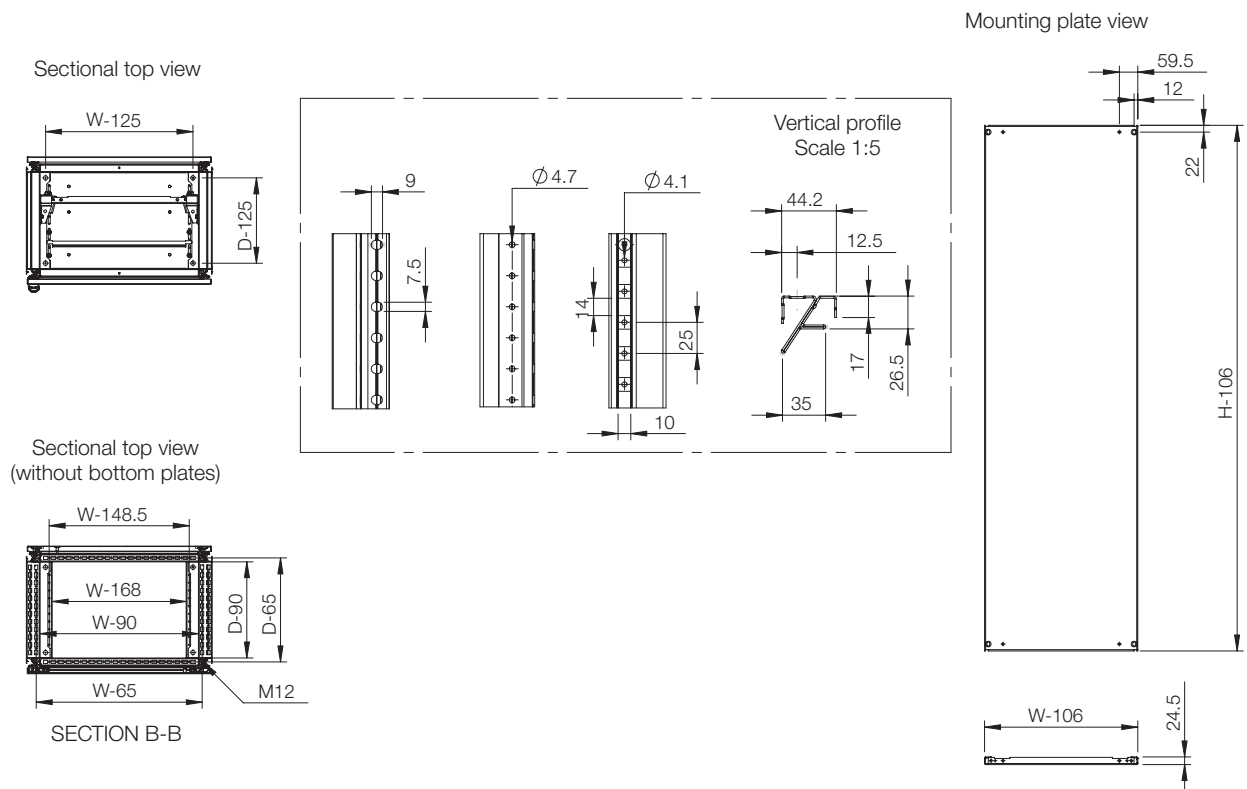
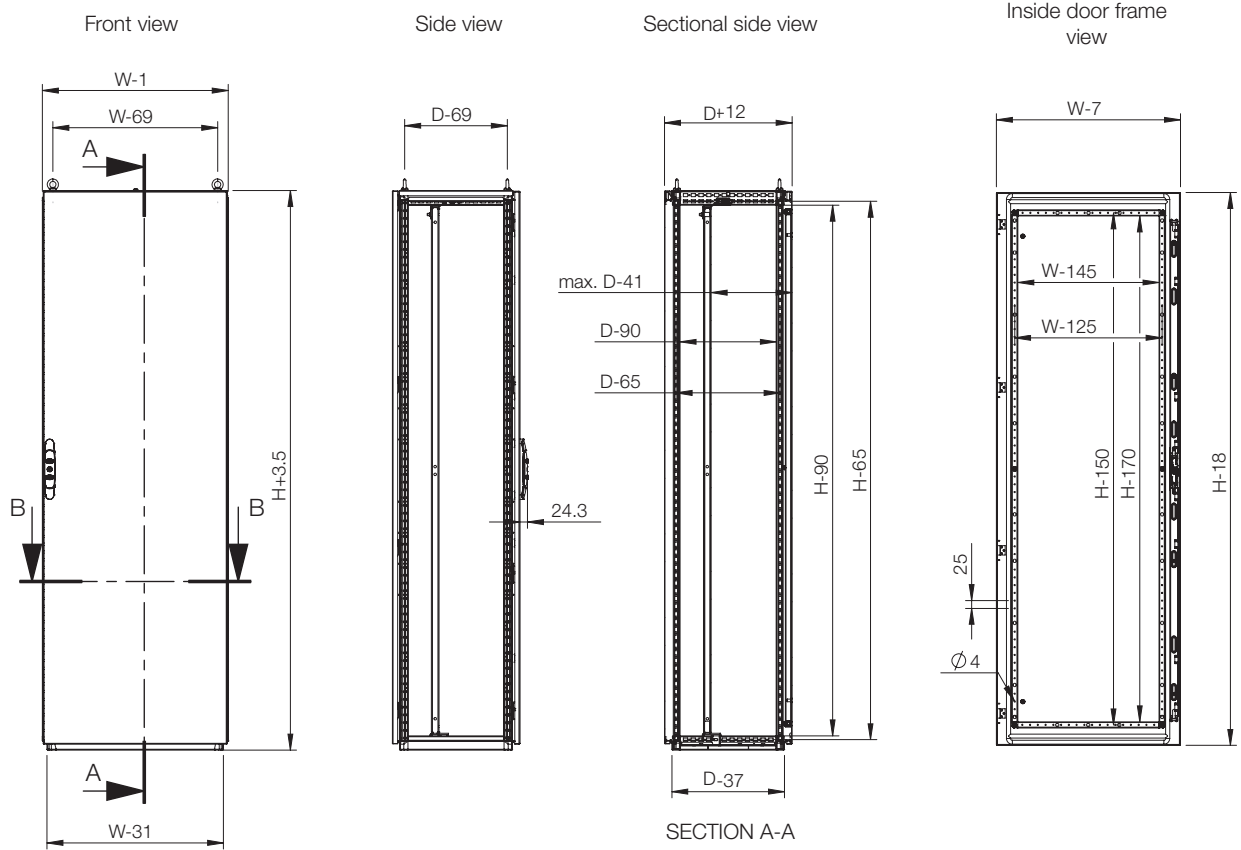
With mounting plate

Enclosure dimensions			Mounting plate dimensions		Usable depth	Item no.
H	W	D	h	w	d	
1800	500	500	1694	394	459	MCS18055R5
1800	600	400	1694	494	359	MCS18064R5
1800	600	500	1694	494	459	MCS18065R5
1800	600	600	1694	494	559	MCS18066R5
1800	800	400	1694	694	359	MCS18084R5
1800	800	500	1694	694	459	MCS18085R5
1800	800	600	1694	694	559	MCS18086R5
1800	1000	400	1694	894	359	MCS18104R5
1800	1000	500	1694	894	459	MCS18105R5
1800	1000	600	1694	894	559	MCS18106R5
2000	500	500	1894	394	459	MCS20055R5
2000	600	400	1894	494	359	MCS20064R5
2000	600	500	1894	494	459	MCS20065R5
2000	600	600	1894	494	559	MCS20066R5
2000	600	800	1894	494	759	MCS20068R5
2000	800	400	1894	694	359	MCS20084R5
2000	800	500	1894	694	459	MCS20085R5
2000	800	600	1894	694	559	MCS20086R5
2000	800	800	1894	694	759	MCS20088R5
2000	1000	400	1894	894	359	MCS20104R5
2000	1000	500	1894	894	459	MCS20105R5
2000	1000	600	1894	894	559	MCS20106R5
2000	1000	800	1894	894	759	MCS20108R5
2200	600	600	2094	494	559	MCS22066R5
2200	600	800	2094	494	759	MCS22068R5
2200	800	600	2094	694	559	MCS22086R5
2200	800	800	2094	694	759	MCS22088R5

Without mounting plate

Enclosure dimensions			
H	W	D	Item no.
1800	500	500	MCS18055PER5
1800	600	400	MCS18064PER5
1800	600	500	MCS18065PER5
1800	600	600	MCS18066PER5
1800	800	400	MCS18084PER5
1800	800	500	MCS18085PER5
1800	800	600	MCS18086PER5
1800	1000	400	MCS18104PER5
1800	1000	500	MCS18105PER5
1800	1000	600	MCS18106PER5
2000	500	500	MCS20055PER5
2000	600	400	MCS20064PER5
2000	600	500	MCS20065PER5
2000	600	600	MCS20066PER5
2000	600	800	MCS20068PER5
2000	800	400	MCS20084PER5
2000	800	500	MCS20085PER5
2000	800	600	MCS20086PER5
2000	800	800	MCS20088PER5
2000	1000	400	MCS20104PER5
2000	1000	500	MCS20105PER5
2000	1000	600	MCS20106PER5
2000	1000	800	MCS20108PER5
2200	600	600	MCS22066PER5
2200	600	800	MCS22068PER5
2200	800	600	MCS22086PER5
2200	800	800	MCS22088PER5

Dimensional drawing | MCS



01

Floor Standing Enclosures



Accessories selection matrix | MCS

Enclosure				Mounting				
H	W	D	Mounting plate	Wide mounting plate *	Transversal sliding profiles	Mounting profile, in H	Mounting profile, in W	
MCS18044R5	1800	400	400	MP1804	-	-	CLPF1800	CLPF400
MCS18045R5	1800	400	500	MP1804	-	-	CLPF1800	CLPF400
MCS18046R5	1800	400	600	MP1804	-	-	CLPF1800	CLPF400
MCS20044R5	2000	400	400	MP2004	-	-	CLPF2000	CLPF400
MCS20045R5	2000	400	500	MP2004	-	-	CLPF2000	CLPF400
MCS20046R5	2000	400	600	MP2004	-	-	CLPF2000	CLPF400
MCS20048R5	2000	400	800	MP2004	-	-	CLPF2000	CLPF400
MCS18055R5	1800	500	500	MP1805	MPW1805	MTS500	CLPF1800	CLPF500
MCS18064R5	1800	600	400	MP1806	MPW1806	MTS600	CLPF1800	CLPF600
MCS18065R5	1800	600	500	MP1806	MPW1806	MTS600	CLPF1800	CLPF600
MCS18066R5	1800	600	600	MP1806	MPW1806	MTS600	CLPF1800	CLPF600
MCS18084R5	1800	800	400	MP1808	MPW1808	MTS800	CLPF1800	CLPF800
MCS18085R5	1800	800	500	MP1808	MPW1808	MTS800	CLPF1800	CLPF800
MCS18086R5	1800	800	600	MP1808	MPW1808	MTS800	CLPF1800	CLPF800
MCS18104R5	1800	1000	400	MP1810	MPW1810	MTS1000	CLPF1800	CLPF1000
MCS18105R5	1800	1000	500	MP1810	MPW1810	MTS1000	CLPF1800	CLPF1000
MCS18106R5	1800	1000	600	MP1810	MPW1810	MTS1000	CLPF1800	CLPF1000
MCS20055R5	2000	500	500	MP2005	MPW2005	MTS500	CLPF2000	CLPF500
MCS20064R5	2000	600	400	MP2006	MPW2006	MTS600	CLPF2000	CLPF600
MCS20065R5	2000	600	500	MP2006	MPW2006	MTS600	CLPF2000	CLPF600
MCS20066R5	2000	600	600	MP2006	MPW2006	MTS600	CLPF2000	CLPF600
MCS20068R5	2000	600	800	MP2006	MPW2006	MTS600	CLPF2000	CLPF600
MCS20084R5	2000	800	400	MP2008	MPW2008	MTS800	CLPF2000	CLPF800
MCS20085R5	2000	800	500	MP2008	MPW2008	MTS800	CLPF2000	CLPF800
MCS20086R5	2000	800	600	MP2008	MPW2008	MTS800	CLPF2000	CLPF800
MCS20088R5	2000	800	800	MP2008	MPW2008	MTS800	CLPF2000	CLPF800
MCS20104R5	2000	1000	400	MP2010	MPW2010	MTS1000	CLPF2000	CLPF1000
MCS20105R5	2000	1000	500	MP2010	MPW2010	MTS1000	CLPF2000	CLPF1000
MCS20106R5	2000	1000	600	MP2010	MPW2010	MTS1000	CLPF2000	CLPF1000
MCS20108R5	2000	1000	800	MP2010	MPW2010	MTS1000	CLPF2000	CLPF1000
MCS22066R5	2200	600	600	MP2206	-	MTS600	CLPF2200	CLPF600
MCS22068R5	2200	600	800	MP2206	-	MTS600	CLPF2200	CLPF600
MCS22086R5	2200	800	600	MP2208	-	MTS800	CLPF2200	CLPF800
MCS22088R5	2200	800	800	MP2208	-	MTS800	CLPF2200	CLPF800

* MTS is required.

01

Floor Standing Enclosures



Enclosure	Mounting						
	H	W	D	Mounting profile, in D	Click in profile, in W	Click in profile, in D	Side mounting bar
MCS18044R5	1800	400	400	CLPF400	CLPK400	CLPK400	CMB402
MCS18045R5	1800	400	500	CLPF400	CLPK400	CLPK400	CMB502
MCS18046R5	1800	400	600	CLPF400	CLPK400	CLPK400	CMB602
MCS20044R5	2000	400	400	CLPF400	CLPK400	CLPK400	CMB402
MCS20045R5	2000	400	500	CLPF400	CLPK400	CLPK400	CMB502
MCS20046R5	2000	400	600	CLPF400	CLPK400	CLPK400	CMB602
MCS20048R5	2000	400	800	CLPF400	CLPK400	CLPK400	CMB802
MCS18055R5	1800	500	500	CLPF500	CLPK500	CLPK500	CMB502
MCS18064R5	1800	600	400	CLPF600	CLPK600	CLPK600	CMB402
MCS18065R5	1800	600	500	CLPF600	CLPK600	CLPK600	CMB502
MCS18066R5	1800	600	600	CLPF600	CLPK600	CLPK600	CMB602
MCS18084R5	1800	800	400	CLPF800	CLPK800	CLPK800	CMB402
MCS18085R5	1800	800	500	CLPF800	CLPK800	CLPK800	CMB502
MCS18086R5	1800	800	600	CLPF800	CLPK800	CLPK800	CMB602
MCS18104R5	1800	1000	400	CLPF400	CLPK1000	CLPK400	CMB402
MCS18105R5	1800	1000	500	CLPF500	CLPK1000	CLPK500	CMB502
MCS18106R5	1800	1000	600	CLPF600	CLPK1000	CLPK600	CMB602
MCS20055R5	2000	500	500	CLPF500	CLPK500	CLPK500	CMB502
MCS20064R5	2000	600	400	CLPF600	CLPK600	CLPK600	CMB402
MCS20065R5	2000	600	500	CLPF600	CLPK600	CLPK600	CMB502
MCS20066R5	2000	600	600	CLPF600	CLPK600	CLPK600	CMB602
MCS20068R5	2000	600	800	CLPF600	CLPK600	CLPK600	CMB802
MCS20084R5	2000	800	400	CLPF800	CLPK800	CLPK800	CMB402
MCS20085R5	2000	800	500	CLPF800	CLPK800	CLPK800	CMB502
MCS20086R5	2000	800	600	CLPF800	CLPK800	CLPK800	CMB602
MCS20088R5	2000	800	800	CLPF800	CLPK800	CLPK800	CMB802
MCS20104R5	2000	1000	400	CLPF400	CLPK1000	CLPK400	CMB402
MCS20105R5	2000	1000	500	CLPF500	CLPK1000	CLPK500	CMB502
MCS20106R5	2000	1000	600	CLPF600	CLPK1000	CLPK600	CMB602
MCS20108R5	2000	1000	800	CLPF800	CLPK1000	CLPK800	CMB802
MCS22066R5	2200	600	600	CLPF600	CLPK600	CLPK600	CMB602
MCS22068R5	2200	600	800	CLPF600	CLPK600	CLPK600	CMB802
MCS22086R5	2200	800	600	CLPF800	CLPK800	CLPK800	CMB602
MCS22088R5	2200	800	800	CLPF800	CLPK800	CLPK800	CMB802

Enclosure				Mounting						
H	W	D	Full height swing frame *	Swing frame middle mounted *	Swing frame side mounted *	Swing frame transversal support bars	Mounting profiles (19") **	Bottom profiles for fixing 19" mounting profiles		
MCS18044R5	1800	400	400	-	-	-	-	-	-	
MCS18045R5	1800	400	500	-	-	-	-	-	-	
MCS18046R5	1800	400	600	-	-	-	-	-	-	
MCS20044R5	2000	400	400	-	-	-	-	-	-	
MCS20045R5	2000	400	500	-	-	-	-	-	-	
MCS20046R5	2000	400	600	-	-	-	-	-	-	
MCS20048R5	2000	400	800	-	-	-	-	-	-	
MCS18055R5	1800	500	500	-	-	-	-	-	-	
MCS18064R5	1800	600	400	ESFC366	-	-	ESFB06	CIP38	CIB600	
MCS18065R5	1800	600	500	ESFC366	-	-	ESFB06	CIP38	CIB600	
MCS18066R5	1800	600	600	ESFC366	-	-	ESFB06	CIP38	CIB600	
MCS18084R5	1800	800	400	ESFC366	ESFM368	ESFS368	ESFB08	CIP38	CIB800	
MCS18085R5	1800	800	500	ESFC366	ESFM368	ESFS368	ESFB08	CIP38	CIB800	
MCS18086R5	1800	800	600	ESFC366	ESFM368	ESFS368	ESFB08	CIP38	CIB800	
MCS18104R5	1800	1000	400	ESFC366	ESFM368	ESFS368	ESFB10	-	-	
MCS18105R5	1800	1000	500	ESFC366	ESFM368	ESFS368	ESFB10	-	-	
MCS18106R5	1800	1000	600	ESFC366	ESFM368	ESFS368	ESFB10	-	-	
MCS20055R5	2000	500	500	-	-	-	-	-	-	
MCS20064R5	2000	600	400	ESFC406	-	-	ESFB06	CIP42	CIB600	
MCS20065R5	2000	600	500	ESFC406	-	-	ESFB06	CIP42	CIB600	
MCS20066R5	2000	600	600	ESFC406	-	-	ESFB06	CIP42	CIB600	
MCS20068R5	2000	600	800	ESFC406	-	-	ESFB06	CIP42	CIB600	
MCS20084R5	2000	800	400	ESFC406	ESFM408	ESFS408	ESFB08	CIP42	CIB800	
MCS20085R5	2000	800	500	ESFC406	ESFM408	ESFS408	ESFB08	CIP42	CIB800	
MCS20086R5	2000	800	600	ESFC406	ESFM408	ESFS408	ESFB08	CIP42	CIB800	
MCS20088R5	2000	800	800	ESFC406	ESFM408	ESFS408	ESFB08	CIP42	CIB800	
MCS20104R5	2000	1000	400	ESFC406	ESFM408	ESFS408	ESFB10	-	-	
MCS20105R5	2000	1000	500	ESFC406	ESFM408	ESFS408	ESFB10	-	-	
MCS20106R5	2000	1000	600	ESFC406	ESFM408	ESFS408	ESFB10	-	-	
MCS20108R5	2000	1000	800	ESFC406	ESFM408	ESFS408	ESFB10	-	-	
MCS22066R5	2200	600	600	ESFC456	-	-	ESFB06	CIP47	CIB600	
MCS22068R5	2200	600	800	ESFC456	-	-	ESFB06	CIP47	CIB600	
MCS22086R5	2200	800	600	ESFC456	ESFM458	ESFS458	ESFB08	CIP47	CIB800	
MCS22088R5	2200	800	800	ESFC456	ESFM458	ESFS458	ESFB08	CIP47	CIB800	

* ESFB is required.
** CIB, CID or CIWR are required.

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Floor Standing Enclosures



Enclosure	Mounting							
	H	W	D	Front/rear plinths (100 mm height)	Plinth side panels (100 mm height)	Front/rear plinths (200 mm height)	Plinth side panels (200 mm height)	Ventilated front/rear plinths (100 mm height)
MCS18044R5	1800	400	400	PF1040	PS1040	PF2040	PS2040	PV1040
MCS18045R5	1800	400	500	PF1040	PS1050	PF2040	PS2050	PV1040
MCS18046R5	1800	400	600	PF1040	PS1060	PF2040	PS2060	PV1040
MCS20044R5	2000	400	400	PF1040	PS1040	PF2040	PS2040	PV1040
MCS20045R5	2000	400	500	PF1040	PS1050	PF2040	PS2050	PV1040
MCS20046R5	2000	400	600	PF1040	PS1060	PF2040	PS2060	PV1040
MCS20048R5	2000	400	800	PF1040	PS1080	PF2040	PS2080	PV1040
MCS18055R5	1800	500	500	PF1050	PS1050	PF2050	PS2050	-
MCS18064R5	1800	600	400	PF1060	PS1040	PF2060	PS2040	PV1060
MCS18065R5	1800	600	500	PF1060	PS1050	PF2060	PS2050	PV1060
MCS18066R5	1800	600	600	PF1060	PS1060	PF2060	PS2060	PV1060
MCS18084R5	1800	800	400	PF1080	PS1040	PF2080	PS2040	PV1080
MCS18085R5	1800	800	500	PF1080	PS1050	PF2080	PS2050	PV1080
MCS18086R5	1800	800	600	PF1080	PS1060	PF2080	PS2060	PV1080
MCS18104R5	1800	1000	400	PF1100	PS1040	PF2100	PS2040	PV1100
MCS18105R5	1800	1000	500	PF1100	PS1050	PF2100	PS2050	PV1100
MCS18106R5	1800	1000	600	PF1100	PS1060	PF2100	PS2060	PV1100
MCS20055R5	2000	500	500	PF1050	PS1050	PF2050	PS2050	-
MCS20064R5	2000	600	400	PF1060	PS1040	PF2060	PS2040	PV1060
MCS20065R5	2000	600	500	PF1060	PS1050	PF2060	PS2050	PV1060
MCS20066R5	2000	600	600	PF1060	PS1060	PF2060	PS2060	PV1060
MCS20068R5	2000	600	800	PF1060	PS1080	PF2060	PS2080	PV1060
MCS20084R5	2000	800	400	PF1080	PS1040	PF2080	PS2040	PV1080
MCS20085R5	2000	800	500	PF1080	PS1050	PF2080	PS2050	PV1080
MCS20086R5	2000	800	600	PF1080	PS1060	PF2080	PS2060	PV1080
MCS20088R5	2000	800	800	PF1080	PS1080	PF2080	PS2080	PV1080
MCS20104R5	2000	1000	400	PF1100	PS1040	PF2100	PS2040	PV1100
MCS20105R5	2000	1000	500	PF1100	PS1050	PF2100	PS2050	PV1100
MCS20106R5	2000	1000	600	PF1100	PS1060	PF2100	PS2060	PV1100
MCS20108R5	2000	1000	800	PF1100	PS1080	PF2100	PS2080	PV1100
MCS22066R5	2200	600	600	PF1060	PS1060	PF2060	PS2060	PV1060
MCS22068R5	2200	600	800	PF1060	PS1080	PF2060	PS2080	PV1060
MCS22086R5	2200	800	600	PF1080	PS1060	PF2080	PS2060	PV1080
MCS22088R5	2200	800	800	PF1080	PS1080	PF2080	PS2080	PV1080

Enclosure	H	W	D	Thermal		Cable	
				Ventilated roof	Cable fixing bar (mounted below bottom plates)	Cable fixing bar (mounted above bottom plates)	Ventilated bottom plates
MCS18044R5	1800	400	400	-	CABP400	CAB400	-
MCS18045R5	1800	400	500	-	CABP400	CAB400	-
MCS18046R5	1800	400	600	-	CABP400	CAB400	-
MCS20044R5	2000	400	400	-	CABP400	CAB400	-
MCS20045R5	2000	400	500	-	CABP400	CAB400	-
MCS20046R5	2000	400	600	-	CABP400	CAB400	-
MCS20048R5	2000	400	800	-	CABP400	-	-
MCS18055R5	1800	500	500	CVR0505R5	CABP500	-	-
MCS18064R5	1800	600	400	CVR0604R5	CABP600	CAB600	CVB0604
MCS18065R5	1800	600	500	CVR0605R5	CABP600	CAB600	CVB0605
MCS18066R5	1800	600	600	CVR0606R5	CABP600	CAB600	CVB0606
MCS18084R5	1800	800	400	CVR0804R5	CABP800	CAB800	CVB0804
MCS18085R5	1800	800	500	CVR0805R5	CABP800	CAB800	CVB0805
MCS18086R5	1800	800	600	CVR0806R5	CABP800	CAB800	CVB0806
MCS18104R5	1800	1000	400	CVR1004R5	CABP1000	CAB1000	CVB1004
MCS18105R5	1800	1000	500	CVR1005R5	CABP1000	CAB1000	CVB1005
MCS18106R5	1800	1000	600	CVR1006R5	CABP1000	CAB1000	CVB1006
MCS20055R5	2000	500	500	CVR0505R5	CABP500	-	-
MCS20064R5	2000	600	400	CVR0604R5	CABP600	CAB600	CVB0604
MCS20065R5	2000	600	500	CVR0605R5	CABP600	CAB600	CVB0605
MCS20066R5	2000	600	600	CVR0606R5	CABP600	CAB600	CVB0606
MCS20068R5	2000	600	800	CVR0608R5	CABP600	CAB600	CVB0608
MCS20084R5	2000	800	400	CVR0804R5	CABP800	CAB800	CVB0804
MCS20085R5	2000	800	500	CVR0805R5	CABP800	CAB800	CVB0805
MCS20086R5	2000	800	600	CVR0806R5	CABP800	CAB800	CVB0806
MCS20088R5	2000	800	800	CVR0808R5	CABP800	CAB800	CVB0808
MCS20104R5	2000	1000	400	CVR1004R5	CABP1000	CAB1000	CVB1004
MCS20105R5	2000	1000	500	CVR1005R5	CABP1000	CAB1000	CVB1005
MCS20106R5	2000	1000	600	CVR1006R5	CABP1000	CAB1000	CVB1006
MCS20108R5	2000	1000	800	CVR1008R5	CABP1000	CAB1000	CVB1008
MCS22066R5	2200	600	600	CVR0606R5	CABP600	CAB600	CVB0606
MCS22068R5	2200	600	800	CVR0608R5	CABP600	CAB600	CVB0608
MCS22086R5	2200	800	600	CVR0806R5	CABP800	CAB800	CVB0806
MCS22088R5	2200	800	800	CVR0808R5	CABP800	CAB800	CVB0808

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Floor Standing Enclosures



Enclosure	Dimensions			Doors			Baying	
	H	W	D	Plain door *	Glazed door *	Inner door	Side panels	Segregation plate **
MCS18044R5	1800	400	400	-	-	-	SPM1804R5	SPD1804
MCS18045R5	1800	400	500	-	-	-	SPM1805R5	SPD1805
MCS18046R5	1800	400	600	-	-	-	SPM1806R5	SPD1806
MCS20044R5	2000	400	400	-	-	-	SPM2004R5	SPD2004
MCS20045R5	2000	400	500	-	-	-	SPM2005R5	SPD2005
MCS20046R5	2000	400	600	-	-	-	SPM2006R5	SPD2006
MCS20048R5	2000	400	800	-	-	-	SPM2008R5	SPD2008
MCS18055R5	1800	500	500	DN1805R5	-	-	SPM1805R5	SPD1805
MCS18064R5	1800	600	400	DN1806R5	DNG1806R5	DI1806R5	SPM1804R5	SPD1804
MCS18065R5	1800	600	500	DN1806R5	DNG1806R5	DI1806R5	SPM1805R5	SPD1805
MCS18066R5	1800	600	600	DN1806R5	DNG1806R5	DI1806R5	SPM1806R5	SPD1806
MCS18084R5	1800	800	400	DN1808R5	DNG1808R5	DI1808R5	SPM1804R5	SPD1804
MCS18085R5	1800	800	500	DN1808R5	DNG1808R5	DI1808R5	SPM1805R5	SPD1805
MCS18086R5	1800	800	600	DN1808R5	DNG1808R5	DI1808R5	SPM1806R5	SPD1806
MCS18104R5	1800	1000	400	DN1810R5	-	-	SPM1804R5	SPD1804
MCS18105R5	1800	1000	500	DN1810R5	-	-	SPM1805R5	SPD1805
MCS18106R5	1800	1000	600	DN1810R5	-	-	SPM1806R5	SPD1806
MCS20055R5	2000	500	500	DN2005R5	-	-	SPM2005R5	SPD2005
MCS20064R5	2000	600	400	DN2006R5	DNG2006R5	DI2006R5	SPM2004R5	SPD2004
MCS20065R5	2000	600	500	DN2006R5	DNG2006R5	DI2006R5	SPM2005R5	SPD2005
MCS20066R5	2000	600	600	DN2006R5	DNG2006R5	DI2006R5	SPM2006R5	SPD2006
MCS20068R5	2000	600	800	DN2006R5	DNG2006R5	DI2006R5	SPM2008R5	SPD2008
MCS20084R5	2000	800	400	DN2008R5	DNG2008R5	DI2008R5	SPM2004R5	SPD2004
MCS20085R5	2000	800	500	DN2008R5	DNG2008R5	DI2008R5	SPM2005R5	SPD2005
MCS20086R5	2000	800	600	DN2008R5	DNG2008R5	DI2008R5	SPM2006R5	SPD2006
MCS20088R5	2000	800	800	DN2008R5	DNG2008R5	DI2008R5	SPM2008R5	SPD2008
MCS20104R5	2000	1000	400	DN2010R5	-	-	SPM2004R5	SPD2004
MCS20105R5	2000	1000	500	DN2010R5	-	-	SPM2005R5	SPD2005
MCS20106R5	2000	1000	600	DN2010R5	-	-	SPM2006R5	SPD2006
MCS20108R5	2000	1000	800	DN2010R5	-	-	SPM2008R5	SPD2008
MCS22066R5	2200	600	600	DN2206R5	DNG2206R5	DI2206R5	SPM2206R5	SPD2206
MCS22068R5	2200	600	800	DN2206R5	DNG2206R5	DI2206R5	SPM2208R5	SPD2208
MCS22086R5	2200	800	600	DN2208R5	DNG2208R5	DI2208R5	SPM2206R5	SPD2206
MCS22088R5	2200	800	800	DN2208R5	DNG2208R5	DI2208R5	SPM2208R5	SPD2208

* DNMK is required for additional door.
** CCJ is required.

Floor Standing Enclosures
Steel Range | Mild Steel
Combinable, double door | MCD

IP 55 | TYPE 12, 13 | IK 10



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Floor Standing Enclosures

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Material:

Frame: 1.5 mm painted steel. Doors: 2 mm painted steel. Rear, roof and side panels: 1.5 mm painted steel. Mounting plate: 3 mm galvanized steel. Bottom plates: 1 mm galvanized steel.

Frame:

Seam welded reversed open profiles with 25 mm hole pattern according to DIN 43660. Including integrated external hole pattern.

Doors:

Mounted with four hinges. Including door frame with 25 mm hole pattern. Doors cannot be reversed. Separate doors to be ordered for left hand door locking.

Rear panel:

Fitted by M6 torx screws. Standard facilities for rear doors mounting. Split rear panels in 1600 mm wide enclosures.

Side panels:

Supplied as an accessory.

Roof panel:

Removable.

Lock:

Espagnolette 4-point locking system in the main door and 2-point locking system in the slave door. Standard double-bit lock with 3 mm insert. Can be exchanged for standard inserts or Euro-cylinder and a lift handle.

Bottom plates:

Consists of three or four (D>600) pieces.

Mounting plate:

Double folded and slides into position. Adjustable in depth by steps of 25 mm with the MPD02 accessory. Supplied outside of the enclosure packaging. Fitted inside for 1600 mm wide enclosures.

Earthing:

All panels are earthed through their fittings and equipped with a separate earthing stud.

Finish:

RAL 7035 structured powder coating.

Protection:

Complies with IP 55 | TYPE 12, 13 | IK 10.

Approvals:

CE, CSA, DNV-GL, EAC, GOST, Kema Keur, Lloyds shipping, RS, cULus_listed.

Mounting requirement:

Standard delivery ready for combined installation. For stand-alone installation add side panels. In 400 mm wide enclosures a mounting plate, bottom plates and door frame are not included.

Delivery:

Frame with fitted doors, rear panel, roof panel, bottom plates, mounting plate and door frame. Delivery also includes earthing bolts. Delivered on a pallet which is identical to the width of the enclosure to allow suiting without removal. Packing material is recyclable.



Dimensional table | MCD

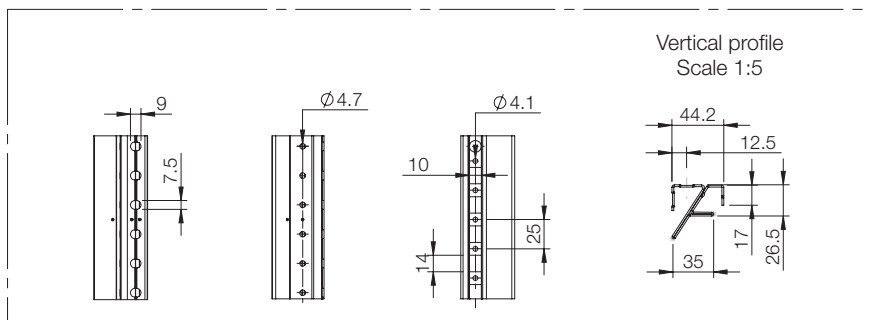
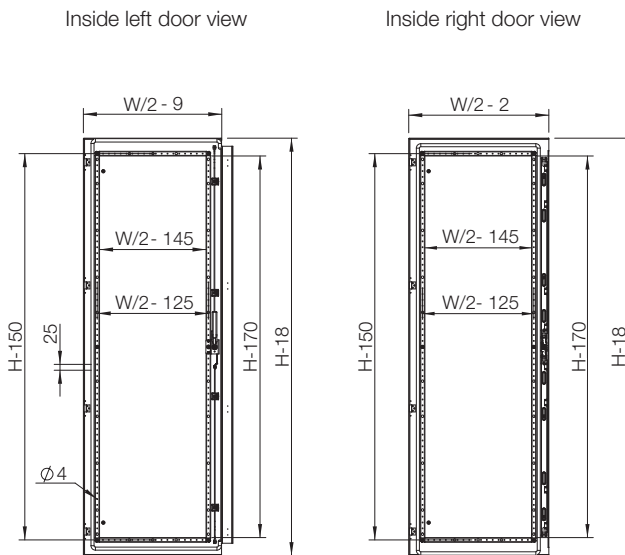
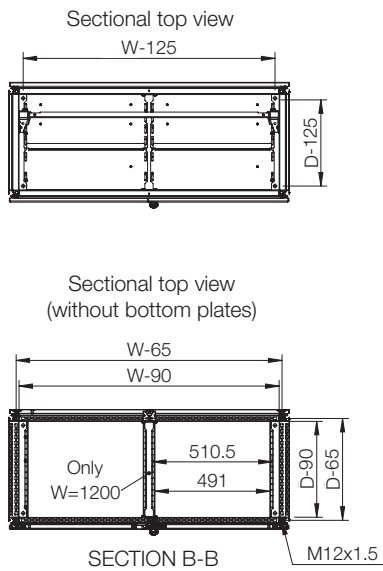
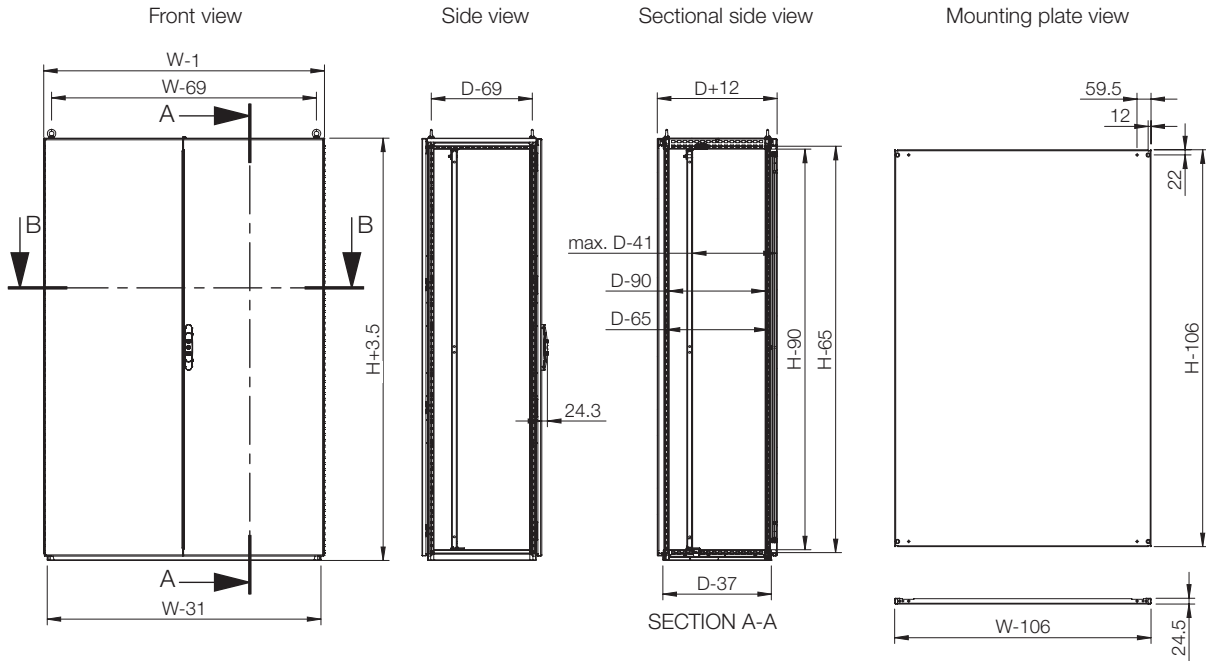
IP 55 | TYPE 12, 13 | IK 10

With mounting plate




Enclosure dimensions			Mounting plate dimensions		Usable depth	Item no.
H	W	D	h	w	d	
1800	800	500	1694	694	459	MCD18085R5
1800	1000	400	1694	894	359	MCD18104R5
1800	1000	500	1694	894	459	MCD18105R5
1800	1200	400	1694	1094	359	MCD18124R5
1800	1200	500	1694	1094	459	MCD18125R5
1800	1200	600	1694	1094	559	MCD18126R5
1800	1600	400	1694	1494	359	MCD18164R5
2000	800	500	1894	694	459	MCD20085R5
2000	1000	400	1894	894	359	MCD20104R5
2000	1000	500	1894	894	459	MCD20105R5
2000	1000	600	1894	894	559	MCD20106R5
2000	1000	800	1894	894	759	MCD20108R5
2000	1200	400	1894	1094	359	MCD20124R5
2000	1200	500	1894	1094	459	MCD20125R5
2000	1200	600	1894	1094	559	MCD20126R5
2000	1200	800	1894	1094	759	MCD20128R5
2000	1600	400	1894	1494	359	MCD20164R5
2000	1600	500	1894	1494	459	MCD20165R5
2000	1600	600	1894	1494	559	MCD20166R5
2200	1000	600	2094	894	559	MCD22106R5
2200	1200	600	2094	1094	559	MCD22126R5

Without mounting plate

Enclosure dimensions			Item no.
H	W	D	
1800	800	500	MCD18085PER5
1800	1000	400	MCD18104PER5
1800	1000	500	MCD18105PER5
1800	1200	400	MCD18124PER5
1800	1200	500	MCD18125PER5
1800	1200	600	MCD18126PER5
1800	1600	400	MCD18164PER5
2000	800	500	MCD20085PER5
2000	1000	400	MCD20104PER5
2000	1000	500	MCD20105PER5
2000	1000	600	MCD20106PER5
2000	1000	800	MCD20108PER5
2000	1200	400	MCD20124PER5
2000	1200	500	MCD20125PER5
2000	1200	600	MCD20126PER5
2000	1200	800	MCD20128PER5
2000	1600	400	MCD20164PER5
2000	1600	500	MCD20165PER5
2000	1600	600	MCD20166PER5
2200	1000	600	MCD22106PER5
2200	1200	600	MCD22126PER5



Accessories selection matrix | MCD

						
Enclosure				Mounting		
	H	W	D	Mounting plate	Wide mounting plate *	Transversal sliding profiles
MCD18085R5	1800	800	500	MP1808	MPW1808	MTS800
MCD18104R5	1800	1000	400	MP1810	MPW1810	MTS1000
MCD18105R5	1800	1000	500	MP1810	MPW1810	MTS1000
MCD18124R5	1800	1200	400	MP1812	MPW1812	MTS1200
MCD18125R5	1800	1200	500	MP1812	MPW1812	MTS1200
MCD18126R5	1800	1200	600	MP1812	MPW1812	MTS1200
MCD18164R5	1800	1600	400	MP1816	MPW1816	MTS1600
MCD20085R5	2000	800	500	MP2008	MPW2008	MTS800
MCD20104R5	2000	1000	400	MP2010	MPW2010	MTS1000
MCD20105R5	2000	1000	500	MP2010	MPW2010	MTS1000
MCD20106R5	2000	1000	600	MP2010	MPW2010	MTS1000
MCD20108R5	2000	1000	800	MP2010	MPW2010	MTS1000
MCD20124R5	2000	1200	400	MP2012	MPW2012	MTS1200
MCD20125R5	2000	1200	500	MP2012	MPW2012	MTS1200
MCD20126R5	2000	1200	600	MP2012	MPW2012	MTS1200
MCD20128R5	2000	1200	800	MP2012	MPW2012	MTS1200
MCD20164R5	2000	1600	400	MP2016	MPW2016	MTS1600
MCD20165R5	2000	1600	500	MP2016	MPW2016	MTS1600
MCD20166R5	2000	1600	600	MP2016	MPW2016	MTS1600
MCD22106R5	2200	1000	600	MP2210	-	-
MCD22126R5	2200	1200	600	MP2212	-	-

* MTS is required.

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Floor Standing Enclosures



Enclosure	Mounting								
	H	W	D	Mounting profile, in H	Mounting profile, in W	Mounting profile, in D	Click in profile, in W	Click in profile, in D	Side mounting bar
MCD18085R5	1800	800	500	CLPF1800	CLPF800	CLPF500	CLPK800	CLPK500	CMB502
MCD18104R5	1800	1000	400	CLPF1800	CLPF1000	CLPF400	CLPK1000	CLPK400	CMB402
MCD18105R5	1800	1000	500	CLPF1800	CLPF1000	CLPF500	CLPK1000	CLPK500	CMB502
MCD18124R5	1800	1200	400	CLPF1800	CLPF1200	CLPF400	CLPK1200	CLPK400	CMB402
MCD18125R5	1800	1200	500	CLPF1800	CLPF1200	CLPF500	CLPK1200	CLPK500	CMB502
MCD18126R5	1800	1200	600	CLPF1800	CLPF1200	CLPF600	CLPK1200	CLPK600	CMB602
MCD18164R5	1800	1600	400	CLPF1800	CLPF1600	CLPF400	-	CLPK400	CMB402
MCD20085R5	2000	800	500	CLPF2000	CLPF800	CLPF800	CLPK800	CLPK800	CMB502
MCD20104R5	2000	1000	400	CLPF2000	CLPF1000	CLPF400	CLPK1000	CLPK400	CMB402
MCD20105R5	2000	1000	500	CLPF2000	CLPF1000	CLPF500	CLPK1000	CLPK500	CMB502
MCD20106R5	2000	1000	600	CLPF2000	CLPF1000	CLPF600	CLPK1000	CLPK600	CMB602
MCD20108R5	2000	1000	800	CLPF2000	CLPF1000	CLPF800	CLPK1000	CLPK800	CMB802
MCD20124R5	2000	1200	400	CLPF2000	CLPF1200	CLPF400	CLPK1200	CLPK400	CMB402
MCD20125R5	2000	1200	500	CLPF2000	CLPF1200	CLPF500	CLPK1200	CLPK500	CMB502
MCD20126R5	2000	1200	600	CLPF2000	CLPF1200	CLPF600	CLPK1200	CLPK600	CMB602
MCD20128R5	2000	1200	800	CLPF2000	CLPF1200	CLPF800	CLPK1200	CLPK800	CMB802
MCD20164R5	2000	1600	400	CLPF2000	CLPF1600	CLPF400	-	CLPK400	CMB402
MCD20165R5	2000	1600	500	CLPF2000	CLPF1600	CLPF500	-	CLPK500	CMB502
MCD20166R5	2000	1600	600	CLPF2000	CLPF1600	CLPF600	-	CLPK600	CMB602
MCD22106R5	2200	1000	600	CLPF2200	CLPF1000	CLPF600	CLPK1000	CLPK600	CMB602
MCD22126R5	2200	1200	600	CLPF2200	CLPF1200	CLPF600	CLPK1200	CLPK600	CMB602

Accessories selection matrix | MCD

Enclosure				Mounting			Doors	
H	W	D	Depth dividing bar	Vertical dividing bar	Fixing brackets	Plain door, left *	Plain door, right *	
MCD18085R5	1800	800	500	VBD500	VB1800	VBK04	DN1804LR5	DN1804RR5
MCD18104R5	1800	1000	400	VBD400	VB1800	VBK04	DN1805LR5	DN1805RR5
MCD18105R5	1800	1000	500	VBD500	VB1800	VBK04	DN1805LR5	DN1805RR5
MCD18124R5	1800	1200	400	VBD400	VB1800	VBK1200	DN1806LR5	DN1806RR5
MCD18125R5	1800	1200	500	VBD500	VB1800	VBK1200	DN1806LR5	DN1806RR5
MCD18126R5	1800	1200	600	VBD600	VB1800	VBK1200	DN1806LR5	DN1806RR5
MCD18164R5	1800	1600	400	VBD400	VB1800	VBK1600	DN1808LR5	DN1808RR5
MCD20085R5	2000	800	500	VBD500	VB2000	VBK04	DN2004LR5	DN2004RR5
MCD20104R5	2000	1000	400	VBD400	VB2000	VBK04	DN2005LR5	DN2005RR5
MCD20105R5	2000	1000	500	VBD500	VB2000	VBK04	DN2005LR5	DN2005RR5
MCD20106R5	2000	1000	600	VBD600	VB2000	VBK04	DN2005LR5	DN2005RR5
MCD20108R5	2000	1000	800	VBD800	VB2000	VBK04	DN2005LR5	DN2005RR5
MCD20124R5	2000	1200	400	VBD400	VB2000	VBK1200	DN2006LR5	DN2006RR5
MCD20125R5	2000	1200	500	VBD500	VB2000	VBK1200	DN2006LR5	DN2006RR5
MCD20126R5	2000	1200	600	VBD600	VB2000	VBK1200	DN2006LR5	DN2006RR5
MCD20128R5	2000	1200	800	VBD800	VB2000	VBK1200	DN2006LR5	DN2006RR5
MCD20164R5	2000	1600	400	VBD400	VB2000	VBK1600	DN2008LR5	DN2008RR5
MCD20165R5	2000	1600	500	VBD500	VB2000	VBK1600	DN2008LR5	DN2008RR5
MCD20166R5	2000	1600	600	VBD600	VB2000	VBK1600	DN2008LR5	DN2008RR5
MCD22106R5	2200	1000	600	VBD600	VB2200	VBK1200	DN2205LR5	DN2205RR5
MCD22126R5	2200	1200	600	VBD600	VB2200	VBK1200	DN2206LR5	DN2206RR5

* DNMK is required for additional door.

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Floor Standing Enclosures



Enclosure				Fixing				Thermal	
	H	W	D	Front/rear plinths (100 mm height)	Plinth side panels (100 mm height)	Front/rear plinths (200 mm height)	Plinth side panels (200 mm height)	Ventilated front/ rear plinths (100 mm height)	Ventilated roof
MCD18085R5	1800	800	500	PF1080	PS1050	PF2080	PS2050	PV1080	CVR0805R5
MCD18104R5	1800	1000	400	PF1100	PS1040	PF2100	PS2040	PV1100	CVR1004R5
MCD18105R5	1800	1000	500	PF1100	PS1050	PF2100	PS2050	PV1100	CVR1005R5
MCD18124R5	1800	1200	400	PF1120	PS1040	PF2120	PS2040	PV1120	CVR1204R5
MCD18125R5	1800	1200	500	PF1120	PS1050	PF2120	PS2050	PV1120	CVR1205R5
MCD18126R5	1800	1200	600	PF1120	PS1060	PF2120	PS2060	PV1120	CVR1206R5
MCD18164R5	1800	1600	400	2x PF1080	PS1040	2x PF2080	PS2040	2x PV1080	CVR1604R5
MCD20085R5	2000	800	500	PF1080	PS1050	PF2080	PS2050	PV1080	CVR0805R5
MCD20104R5	2000	1000	400	PF1100	PS1040	PF2100	PS2040	PV1100	CVR1004R5
MCD20105R5	2000	1000	500	PF1100	PS1050	PF2100	PS2050	PV1100	CVR1005R5
MCD20106R5	2000	1000	600	PF1100	PS1060	PF2100	PS2060	PV1100	CVR1006R5
MCD20108R5	2000	1000	800	PF1100	PS1080	PF2100	PS2080	PV1100	CVR1008R5
MCD20124R5	2000	1200	400	PF1120	PS1040	PF2120	PS2040	PV1120	CVR1204R5
MCD20125R5	2000	1200	500	PF1120	PS1050	PF2120	PS2050	PV1120	CVR1205R5
MCD20126R5	2000	1200	600	PF1120	PS1060	PF2120	PS2060	PV1120	CVR1206R5
MCD20128R5	2000	1200	800	PF1120	PS1080	PF2120	PS2080	PV1120	CVR1208R5
MCD20164R5	2000	1600	400	2x PF1080	PS1040	2x PF2080	PS2040	2x PV1080	CVR1604R5
MCD20165R5	2000	1600	500	2x PF1080	PS1050	2x PF2080	PS2050	2x PV1080	CVR1605R5
MCD20166R5	2000	1600	600	2x PF1080	PS1060	2x PF2080	PS2060	2x PV1080	CVR1606R5
MCD22106R5	2200	1000	600	PF1100	PS1060	PF2100	PS2060	PV1100	CVR1006R5
MCD22126R5	2200	1200	600	PF1120	PS1060	PF2120	PS2060	PV1120	CVR1206R5

Accessories selection matrix | MCD

Enclosure				Baying		Cable		
H	W	D	Side panels	Segregation plate *	Cable fixing bar (mounted below bottom plates)	Cable fixing bar (mounted above bottom plates)	Ventilated bottom plates	
MCD18085R5	1800	800	500	SPM1805R5	SPD1805	CABP800	CAB800	CVB0805
MCD18104R5	1800	1000	400	SPM1804R5	SPD1804	CABP1000	CAB1000	CVB1004
MCD18105R5	1800	1000	500	SPM1805R5	SPD1805	CABP1000	CAB1000	CVB1005
MCD18124R5	1800	1200	400	SPM1804R5	SPD1804	CABP1200	CAB1200	-
MCD18125R5	1800	1200	500	SPM1805R5	SPD1805	CABP1200	CAB1200	-
MCD18126R5	1800	1200	600	SPM1806R5	SPD1806	CABP1200	CAB1200	CVB1206
MCD18164R5	1800	1600	400	SPM1804R5	SPD1804	CABP800	CAB800	CVB0804
MCD20085R5	2000	800	500	SPM2005R5	SPD2005	CABP800	CAB800	CVB0805
MCD20104R5	2000	1000	400	SPM2004R5	SPD2004	CABP1000	CAB1000	CVB1004
MCD20105R5	2000	1000	500	SPM2005R5	SPD2005	CABP1000	CAB1000	CVB1005
MCD20106R5	2000	1000	600	SPM2006R5	SPD2006	CABP1000	CAB1000	CVB1006
MCD20108R5	2000	1000	800	SPM2008R5	SPD2008	CABP1000	CAB1000	CVB1008
MCD20124R5	2000	1200	400	SPM2004R5	SPD2004	CABP1200	CAB1200	-
MCD20125R5	2000	1200	500	SPM2005R5	SPD2005	CABP1200	CAB1200	-
MCD20126R5	2000	1200	600	SPM2006R5	SPD2006	CABP1200	CAB1200	CVB1206
MCD20128R5	2000	1200	800	SPM2008R5	SPD2008	CABP1200	CAB1200	CVB1208
MCD20164R5	2000	1600	400	SPM2004R5	SPD2004	CABP800	CAB800	CVB0804
MCD20165R5	2000	1600	500	SPM2005R5	SPD2005	CABP800	CAB800	CVB0805
MCD20166R5	2000	1600	600	SPM2006R5	SPD2006	CABP800	CAB800	CVB0806
MCD22106R5	2200	1000	600	SPM2206R5	SPD2206	CABP1000	CAB1000	CVB1006
MCD22126R5	2200	1200	600	SPM2206R5	SPD2206	CABP1200	CAB1200	-

* CCJ is required.

01

Floor Standing Enclosures



Floor Standing Enclosures
Steel Range | Mild Steel
Flange Mount Disconnect | MCF

IP 55 | TYPE 12, 13 | IK 10



**Material:**

Frame: 1.5 mm painted steel.
 Doors: 2 mm painted steel.
 Rear, roof and side panels: 1.5 mm painted steel.
 Mounting plate: 3 mm galvanized steel.
 Bottom plates: 1 mm galvanized steel.

Frame:

Seam welded reversed open profiles with 25 mm hole pattern according to DIN 43660. Including integrated external hole pattern.

Door:

Mounted with four hinges. Including door frame with 25 mm hole pattern. Door can not be reversed. Flange door: Surface mounted with hinges, locked from the inside, including universal cut-out.

Rear panel:

Fitted by M6 torx screws. Standard facilities for rear door mounting.

Side panels:

Supplied as an accessory.

Roof panel:

Removable.

Lock:

Espagnolette 4-point locking system. Does not interfere with the enclosure inner space. Standard double-bit lock with 3 mm insert. Can be exchanged for standard inserts or Euro-cylinder and a lift handle.

Bottom plates:

Consists of three pieces.

Mounting plate:

Double folded and adjustable in depth by steps of 25 mm with the MPD02 accessory. Supplied outside of the enclosure packaging.

Earthing:

All panels are earthed through their fittings and are equipped with a separate earthing stud.

Finish:

RAL 7035 structured powder coating.

Protection:

Complies with IP 55 | TYPE 12, 13 | IK 10.

Approvals:

CE, EAC, GOST, Kema Keur.

Mounting requirement:

Standard delivery ready for combined installation. Sides of the group of combined enclosures must be closed with side panels SPM. To complete the intelocking system add FMD in this master enclosure and FMA, FMB, FMS in the slave enclosures.

Delivery:

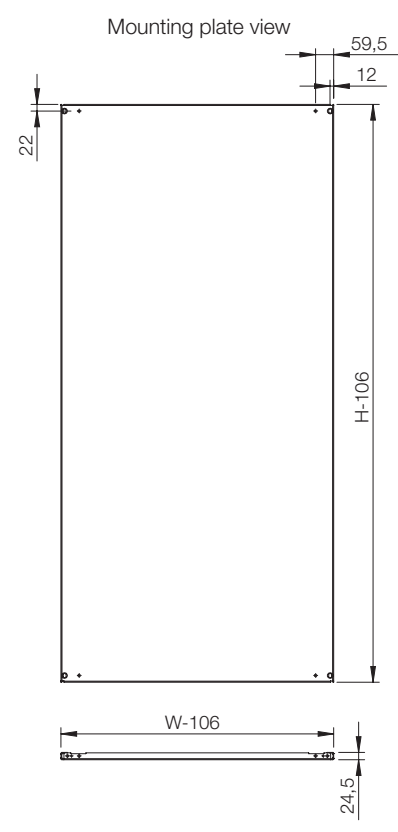
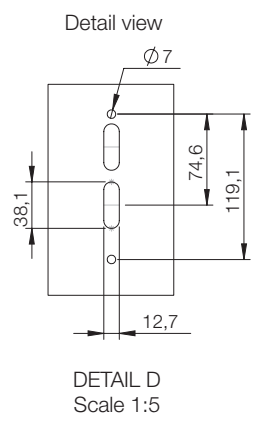
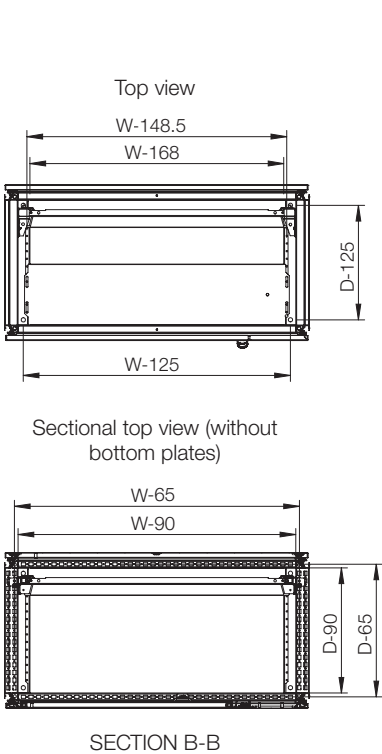
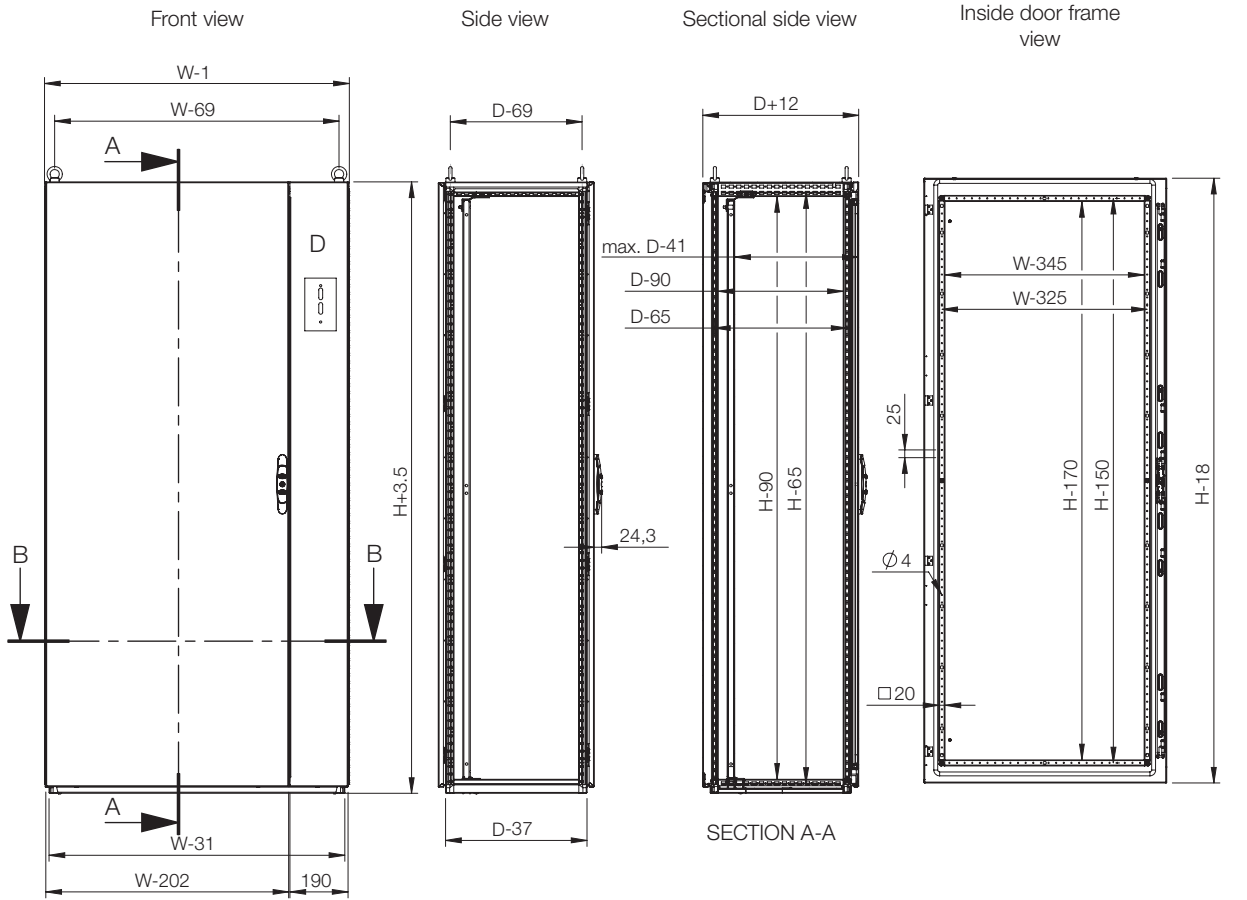
Frame with fitted doors, rear panel, roof panel, bottom plates, mounting plate and door frame. Delivery also includes earthing bolts. Delivered on a pallet which is identical to the width of the enclosure to allow suiting without removal. All packing material is recyclable.



Dimensional table | MCF

IP 55 | TYPE 12, 13 | IK 10

Enclosure dimensions			Door dimensions	Item no.
H	W	D	w	
1800	800	400	600	MCF18084R5
1800	800	500	600	MCF18085R5
1800	1000	500	800	MCF18105R5
2000	800	500	600	MCF20085R5
2000	800	600	600	MCF20086R5
2000	1000	500	800	MCF20105R5



Floor Standing Enclosures
Steel Range | Mild Steel
ICT Rack | MCI

IP 56 | TYPE 4, 12, 13 | IK 10



Material:

Frame: 1.5 mm steel plate. Door: 2 mm steel plate. Roof plate: 1.5 mm steel plate. Bottom plates: 1 mm galvanized steel. 19" profiles: 2 mm zinc plated steel.

Frame:

Seam welded reversed open profiles with 25 mm hole pattern according to DIN 43660. Including integrated external hole pattern.

Rear door:

Mounted with hinges allowing left or right hand opening. Including door frame with 25 mm hole pattern.

Side panels:

Supplied as an accessory.

Roof panel:

Removable.

Lock:

Espagnolette 4-point locking system. Standard double-bit lock with 3 mm insert. Standard inserts, cylinders, lift handles and T-handles are available as accessories.

Bottom plates:

Consists of three or four (D>600) pieces.

19" profiles:

Provides front and side universal 19" hole pattern. Adjustable in depth by stops of 25 mm. 19" profiles: zinc plated steel.

Earthing:

All panels are earthed through their fittings and are equipped with a separate earthing stud.

Finish:

Frame, rear door and roof plate: RAL 7035 structured powder coating. 19" profiles: zinc plated steel.

Protection:

Complies with IP 56 | TYPE 4, 12, 13 | IK 10 when plain front door and side panels are fitted. IK 10.

Approvals:

CE, CSA, EAC, GOST, Kema Keur, Lloyds shipping, cULus_listed.

Mounting requirement:

Add side panels for closed sides. Front frame can be covered with FFC or fitted with a glazed or plain door.

Delivery:

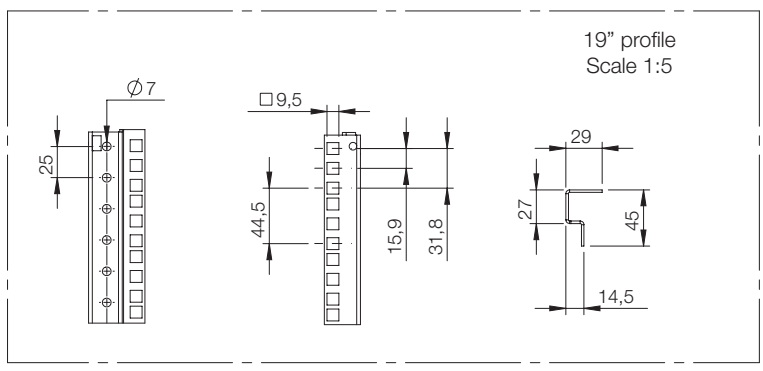
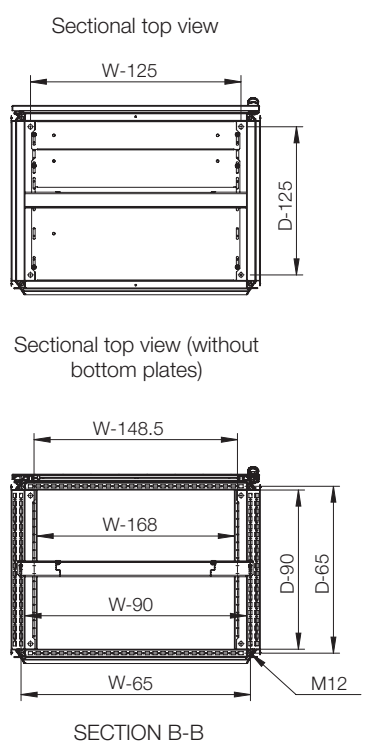
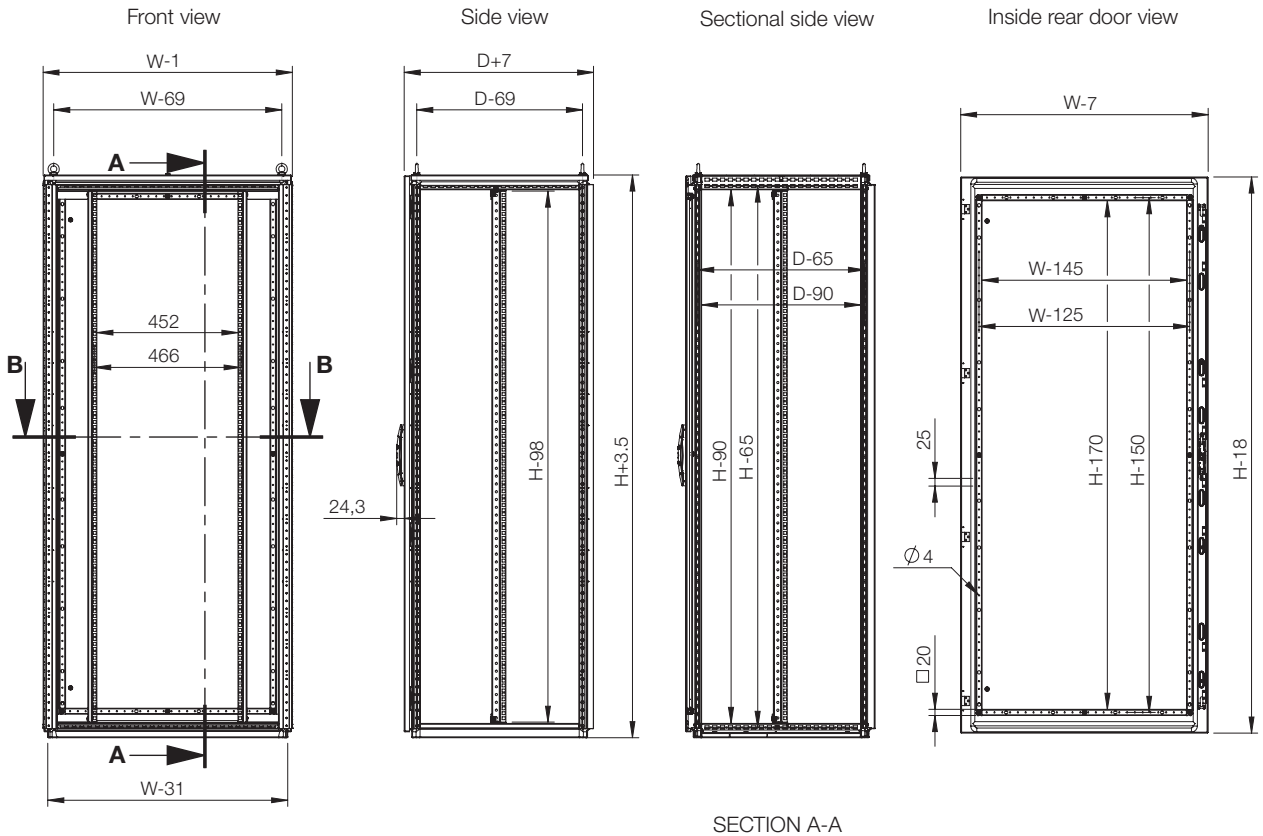
Frame with fitted rear door, roof panel, bottom plates. 19" profiles at front and fixing brackets CIB. Delivery also includes earthing bolts. Delivered on a pallet which is identical to the width of the enclosure to allow suiting without removal. All packing material is recyclable.



Dimensional table | MCI

IP 56 | TYPE 4, 12, 13 | IK 10

Enclosure dimensions			Height U	Item no.
H	W	D		
1100	600	600	22	MCI11066R5
1400	800	600	29	MCI14086R5
1600	600	600	33	MCI16066R5
1800	600	600	38	MCI18066R5
1800	600	800	38	MCI18068R5
1800	800	600	38	MCI18086R5
2000	600	600	42	MCI20066R5
2000	600	800	42	MCI20068R5
2000	800	600	42	MCI20086R5
2000	800	800	42	MCI20088R5
2200	600	600	47	MCI22066R5
2200	600	800	47	MCI22068R5
2200	800	600	47	MCI22086R5
2200	800	800	47	MCI22088R5



Floor Standing Enclosures

Steel Range

Mild Steel, Compact

Typical Application | Mild Steel, Compact

Building HVAC

Process Automation



The mild steel Compact enclosures come with removable top and rear panels and welded side panels. The enclosures are provided with integrated 25 mm hole patterns in the front and rear. Extra drilling and cut-outs for cabling and/or mounting of interior components are highly simplified thanks to the possibility of removing the rear and roof panels.



Building HVAC

Heating, ventilation and air conditioning systems, mostly referred to as HVAC systems, control the temperature, humidity and quality of air in residential, commercial and industrial buildings. The MKS-MKD compact enclosures are the perfect choice to host anything from one small control unit, up to complex equipment for multiple HVAC-controls.



Process Automation

Eldon's compact enclosure range is also suitable for industrial applications and especially for applications in process industries such as the metals industry. MKS-MKD enclosures equipped with filter fans or cooling units are the perfect choice to host applications where a single stand-alone enclosure is required. Its high IP rate will protect the internal equipment in the most demanding industrial environments, while thermal management ensures a constant optimum temperature.



User friendly

For applications with incoming cables entering through the roof, the removable top makes machining easier and more flexible. Various types of machining tools, such as plasma and laser, can be used, simplifying the work and reducing the time necessary for it.



Higher IP protection

IP 66/55, TYPE 4X, 12 and 13 (single door; double door)



Integrated front and rear profiles

When using stand alone enclosures with small depths, components are normally mounted on the mounting plate. In some cases, however, auxiliary equipment must be mounted from the sides and our compact enclosure range makes this possible. Since this range has hole patterns in the front and rear, the CLPK system profiles can be used without additional vertical profiles.

Floor Standing Enclosures
Steel Range | Mild Steel
Compact, single door | MKS

IP 66 | TYPE 4, 12, 13 | IK 10



Material:

Body: 1.35 mm painted steel. Rear and roof panels: 1.5 mm painted steel. Door: 2 mm painted steel. Mounting plate: 3 mm galvanized steel. Bottom plates: 1 mm galvanized steel.

Body:

Four times folded and seam-welded frame. Integrated depth profiles with hole pattern allowing mounting plate adjustment in depth.

Door:

Mounted with four hinges allowing left or right hand opening. Including door frame with 25 mm hole pattern.

Rear panel:

Fitted by M6 torx screws. Standard facilities for rear door mounting.

Roof panel:

Removable.

Lock:

Espagnolette 4-point locking system. Does not interfere with the enclosure inner space. Standard double-bit lock with 3 mm insert. Standard inserts, cylinders, lift handles and T-handles are available as accessories.

Bottom plates:

Consists of three pieces.

Mounting plate:

Double folded and slides into position. Adjustable in depth by steps of 25 mm with the MPD02 accessory. Supplied outside of the enclosure packaging.

Earthing:

All panels are earthed through their fittings and are equipped with a separate earthing stud.

Finish:

RAL 7035 structured powder coating.

Protection:

Complies with IP 66 | TYPE 4, 12, 13 | IK 10.

Approvals:

CE, CSA, EAC, GOST, Kema Keur, Lloyds shipping, cULus_listed.

Delivery:

Body with fitted door, rear panel, roof panel, bottom plates, mounting plate and door frame. Delivery also includes earthing bolts. The enclosure is delivered on a pallet identical to the enclosure width. All packing material is recyclable.



Dimensional table | MKS

IP 66 | TYPE 4, 12, 13 | IK 10

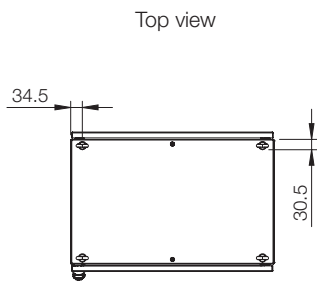
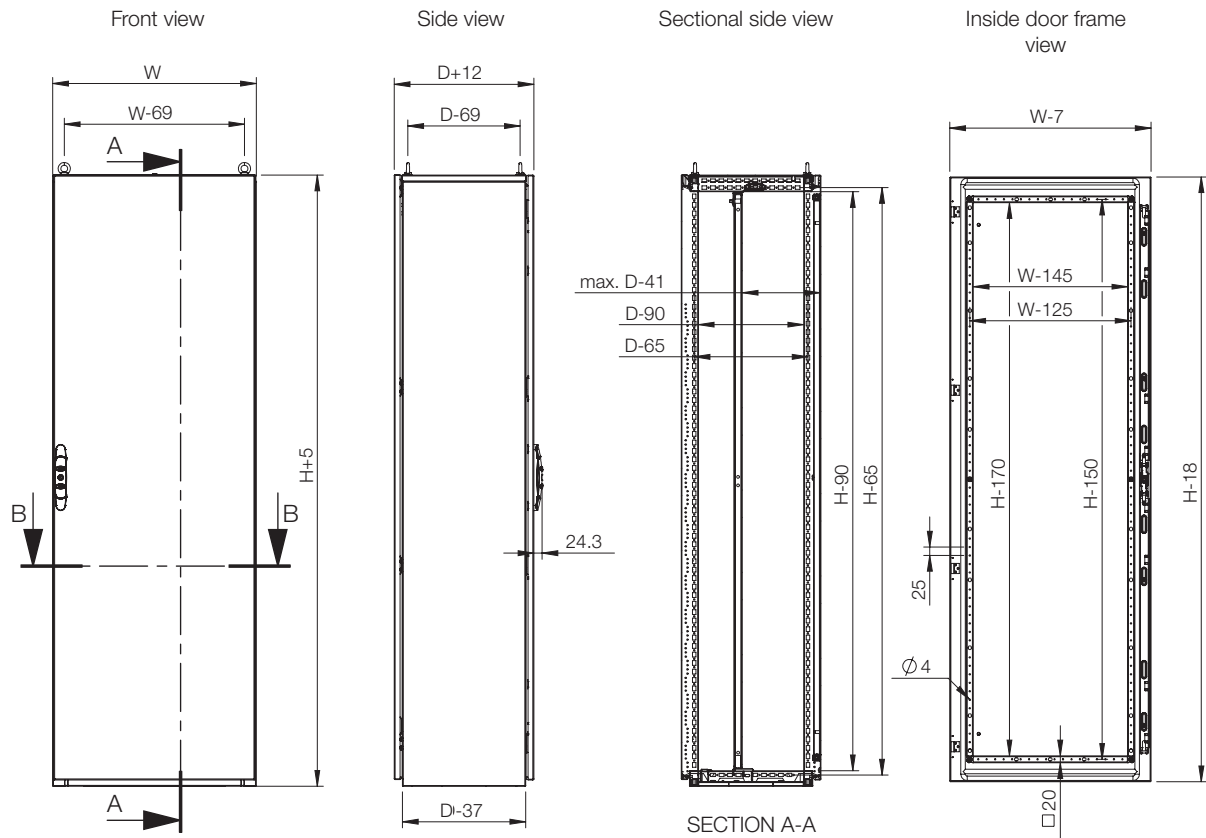
With mounting plate

Enclosure dimensions			Mounting plate dimensions		Usable depth	Item no.
H	W	D	h	w	d	
1200	600	400	1094	494	359	MKS12064R5
1200	800	400	1094	694	359	MKS12084R5
1400	600	300	1294	494	259	MKS14063R5
1400	600	400	1294	494	359	MKS14064R5
1400	800	300	1294	694	259	MKS14083R5
1400	800	400	1294	694	359	MKS14084R5
1600	600	300	1494	494	259	MKS16063R5
1600	600	400	1494	494	359	MKS16064R5
1600	800	300	1494	694	259	MKS16083R5
1600	800	400	1494	694	359	MKS16084R5
1600	800	500	1494	694	459	MKS16085R5
1600	1000	400	1494	894	359	MKS16104R5
1600	1000	500	1494	894	459	MKS16105R5
1800	600	400	1694	494	359	MKS18064R5
1800	800	400	1694	694	359	MKS18084R5
1800	800	500	1694	694	459	MKS18085R5
1800	1000	400	1694	894	359	MKS18104R5
2000	600	400	1894	494	359	MKS20064R5
2000	800	400	1894	694	359	MKS20084R5
2000	800	500	1894	694	459	MKS20085R5
2000	1000	400	1894	894	359	MKS20104R5
2000	1000	500	1894	894	459	MKS20105R5

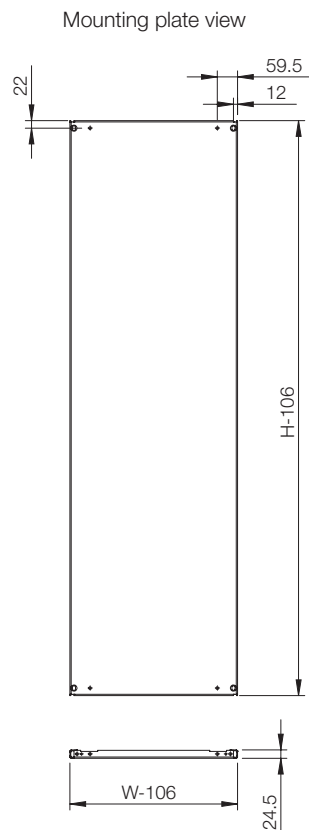
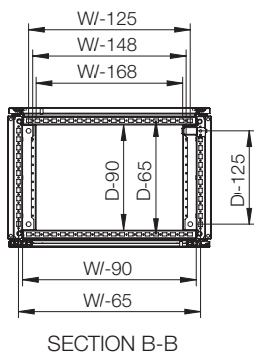
Without mounting plate

Enclosure dimensions			Item no.
H	W	D	
1200	600	400	MKS12064PER5
1200	800	400	MKS12084PER5
1400	600	300	MKS14063PER5
1400	600	400	MKS14064PER5
1400	800	300	MKS14083PER5
1400	800	400	MKS14084PER5
1600	600	300	MKS16063PER5
1600	600	400	MKS16064PER5
1600	800	300	MKS16083PER5
1600	800	400	MKS16084PER5
1600	800	500	MKS16085PER5
1600	1000	400	MKS16104PER5
1600	1000	500	MKS16105PER5
1800	600	400	MKS18064PER5
1800	800	400	MKS18084PER5
1800	800	500	MKS18085PER5
1800	1000	400	MKS18104PER5
2000	600	400	MKS20064PER5
2000	800	400	MKS20084PER5
2000	800	500	MKS20085PER5
2000	1000	400	MKS20104PER5
2000	1000	500	MKS20105PER5

For added cabling options add plinths PF and PCP.



Sectional top view (without bottom plates)



Accessories selection matrix | MKS

Enclosure				Mounting					
H	W	D	Mounting plate	Mounting profile, in H	Mounting profile, in W	Mounting profile, in D	Click in profile, in W	Click in profile, in D	
MKS12064R5	1200	600	400	MP1206	CLPF1200	CLPF600	CLPF400	CLPK600	CLPK400
MKS12084R5	1200	800	400	MP1208	CLPF1200	CLPF800	CLPF400	CLPK800	CLPK400
MKS14063R5	1400	600	300	MP1406	CLPF1400	CLPF600	CLPF300	CLPK600	CLPK300
MKS14064R5	1400	600	400	MP1406	CLPF1400	CLPF600	CLPF400	CLPK600	CLPK400
MKS14083R5	1400	800	300	MP1408	CLPF1400	CLPF800	CLPF300	CLPK800	CLPK300
MKS14084R5	1400	800	400	MP1408	CLPF1400	CLPF800	CLPF400	CLPK800	CLPK400
MKS16063R5	1600	600	300	MP1606	CLPF1600	CLPF600	CLPF300	CLPK600	CLPK300
MKS16064R5	1600	600	400	MP1606	CLPF1600	CLPF600	CLPF400	CLPK600	CLPK400
MKS16083R5	1600	800	300	MP1608	CLPF1600	CLPF800	CLPF300	CLPK800	CLPK300
MKS16084R5	1600	800	400	MP1608	CLPF1600	CLPF800	CLPF400	CLPK800	CLPK400
MKS16085R5	1600	800	500	MP1608	CLPF1600	CLPF800	CLPF500	CLPK800	CLPK500
MKS16104R5	1600	1000	400	MP1610	CLPF1600	CLPF1000	CLPF400	CLPK1000	CLPK400
MKS16105R5	1600	1000	500	MP1610	CLPF1600	CLPF1000	CLPF500	CLPK1000	CLPK500
MKS18064R5	1800	600	400	MP1806	CLPF1800	CLPF600	CLPF400	CLPK600	CLPK400
MKS18084R5	1800	800	400	MP1808	CLPF1800	CLPF800	CLPF400	CLPK800	CLPK400
MKS18085R5	1800	800	500	MP1808	CLPF1800	CLPF800	CLPF500	CLPK800	CLPK500
MKS18104R5	1800	1000	400	MP1810	CLPF1800	CLPF1000	CLPF400	CLPK1000	CLPK400
MKS20064R5	2000	600	400	MP2006	CLPF2000	CLPF600	CLPF400	CLPK600	CLPK400
MKS20084R5	2000	800	400	MP2008	CLPF2000	CLPF800	CLPF400	CLPK800	CLPK400
MKS20085R5	2000	800	500	MP2008	CLPF2000	CLPF800	CLPF500	CLPK800	CLPK500
MKS20104R5	2000	1000	400	MP2010	CLPF2000	CLPF1000	CLPF400	CLPK1000	CLPK400
MKS20105R5	2000	1000	500	MP2010	CLPF2000	CLPF1000	CLPF500	CLPK1000	CLPK500

01

Floor Standing Enclosures



Enclosure	Mounting						
	H	W	D	Full height swing frame	Swing frame middle mounted	Swing frame side mounted	Swing frame transversal support bars
MKS12064R5	1200	600	400	-	-	-	-
MKS12084R5	1200	800	400	-	-	-	-
MKS14063R5	1400	600	300	-	-	-	-
MKS14064R5	1400	600	400	-	-	-	-
MKS14083R5	1400	800	300	-	-	-	-
MKS14084R5	1400	800	400	-	-	-	-
MKS16063R5	1600	600	300	-	-	-	-
MKS16064R5	1600	600	400	ESFC316	-	-	-
MKS16083R5	1600	800	300	-	-	-	-
MKS16084R5	1600	800	400	ESFC316	ESFM318	ESFS318	ESFB08
MKS16085R5	1600	800	500	ESFC316	ESFM318	ESFS318	ESFB08
MKS16104R5	1600	1000	400	ESFC316	ESFM318	ESFS318	ESFB10
MKS16105R5	1600	1000	500	ESFC316	ESFM318	ESFS318	ESFB10
MKS18064R5	1800	600	400	ESFC366	-	-	-
MKS18084R5	1800	800	400	ESFC366	ESFM368	ESFS368	ESFB08
MKS18085R5	1800	800	500	ESFC366	ESFM368	ESFS368	ESFB08
MKS18104R5	1800	1000	400	ESFC366	ESFM368	ESFS368	ESFB10
MKS20064R5	2000	600	400	ESFC406	-	-	-
MKS20084R5	2000	800	400	ESFC406	ESFM408	ESFS408	ESFB08
MKS20085R5	2000	800	500	ESFC406	ESFM408	ESFS408	ESFB08
MKS20104R5	2000	1000	400	ESFC406	ESFM408	ESFS408	ESFB10
MKS20105R5	2000	1000	500	ESFC406	ESFM408	ESFS408	ESFB10

Enclosure				Mounting			Doors		
H	W	D	Mounting profiles (19") *	Brackets for fixing 19" mounting profiles	Side mounting bar	Plain door **	Glazed door **	Inner door	
MKS12064R5	1200	600	400	-	-	CMB402	DN1206R5	DNG1206R5	DI1206R5
MKS12084R5	1200	800	400	-	-	CMB402	DN1208R5	DNG1208R5	DI1208R5
MKS14063R5	1400	600	300	-	-	CMB302	DN1406R5	DNG1406R5	DI1406R5
MKS14064R5	1400	600	400	-	-	CMB402	DN1416R5	DNG1416R5	DI1416R5
MKS14083R5	1400	800	300	-	-	CMB302	DN1408R5	DNG1408R5	DI1408R5
MKS14084R5	1400	800	400	-	-	CMB402	DN1408R5	DNG1408R5	DI1408R5
MKS16063R5	1600	600	300	-	-	CMB302	DN1606R5	DNG1606R5	DI1606R5
MKS16064R5	1600	600	400	CIP33	CIB600	CMB402	DN1606R5	DNG1606R5	DI1606R5
MKS16083R5	1600	800	300	-	-	CMB302	DN1608R5	DNG1608R5	DI1608R5
MKS16084R5	1600	800	400	CIP33	CIB800	CMB402	DN1608R5	DNG1608R5	DI1608R5
MKS16085R5	1600	800	500	CIP33	CIB800	CMB502	DN1608R5	DNG1608R5	DI1608R5
MKS16104R5	1600	1000	400	-	-	CMB402	DN1610R5	-	-
MKS16105R5	1600	1000	500	-	-	CMB502	DN1610R5	-	-
MKS18064R5	1800	600	400	CIP38	CIB600	CMB402	DN1806R5	DNG1806R5	DI1806R5
MKS18084R5	1800	800	400	CIP38	CIB800	CMB402	DN1808R5	DNG1808R5	DI1808R5
MKS18085R5	1800	800	500	CIP38	CIB800	CMB502	DN1808R5	DNG1808R5	DI1808R5
MKS18104R5	1800	1000	400	-	-	CMB402	DN1810R5	-	-
MKS20064R5	2000	600	400	CIP42	CIB600	CMB402	DN2006R5	DNG2006R5	DI2006R5
MKS20084R5	2000	800	400	CIP42	CIB800	CMB402	DN2008R5	DNG2008R5	DI2008R5
MKS20085R5	2000	800	500	CIP42	CIB800	CMB502	DN2008R5	DNG2008R5	DI2008R5
MKS20104R5	2000	1000	400	-	-	CMB402	DN2010R5	-	-
MKS20105R5	2000	1000	500	-	-	CMB502	DN2010R5	-	-

* CIB, CID or CIWR are required.
** DNMK is required for additional door.

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Floor Standing Enclosures



Enclosure				Fixing				Thermal	
	H	W	D	Front/rear plinths (100 mm height)	Side plinths (100 mm height)	Front/rear plinths (200 mm height)	Side plinths (200 mm height)	Ventilated front/ rear plinths	Ventilated roof
MKS12064R5	1200	600	400	PF1060	PS1040	PF2060	PS2040	PV1060	CVR0604R5
MKS12084R5	1200	800	400	PF1080	PS1040	PF2080	PS2040	PV1080	CVR0804R5
MKS14063R5	1400	600	300	PF1060	PS1030	PF2060	PS2030	PV1060	CVR0603R5
MKS14064R5	1400	600	400	PF1060	PS1040	PF2060	PS2040	PV1060	CVR0604R5
MKS14083R5	1400	800	300	PF1080	PS1030	PF2080	PS2030	PV1080	CVR0803R5
MKS14084R5	1400	800	400	PF1080	PS1040	PF2080	PS2040	PV1080	CVR0804R5
MKS16063R5	1600	600	300	PF1060	PS1030	PF2060	PS2030	PV1060	CVR0603R5
MKS16064R5	1600	600	400	PF1060	PS1040	PF2060	PS2040	PV1060	CVR0604R5
MKS16083R5	1600	800	300	PF1080	PS1030	PF2080	PS2030	PV1080	CVR0803R5
MKS16084R5	1600	800	400	PF1080	PS1040	PF2080	PS2040	PV1080	CVR0804R5
MKS16085R5	1600	800	500	PF1080	PS1050	PF2080	PS2050	PV1080	CVR0805R5
MKS16104R5	1600	1000	400	PF1100	PS1040	PF2100	PS2040	PV1100	CVR1004R5
MKS16105R5	1600	1000	500	PF1100	PS1050	PF2100	PS2050	PV1100	CVR1005R5
MKS18064R5	1800	600	400	PF1060	PS1040	PF2060	PS2040	PV1060	CVR0604R5
MKS18084R5	1800	800	400	PF1080	PS1040	PF2080	PS2040	PV1080	CVR0804R5
MKS18085R5	1800	800	500	PF1080	PS1050	PF2080	PS2050	PV1080	CVR0805R5
MKS18104R5	1800	1000	400	PF1100	PS1040	PF2100	PS2040	PV1100	CVR1004R5
MKS20064R5	2000	600	400	PF1060	PS1040	PF2060	PS2040	PV1060	CVR0604R5
MKS20084R5	2000	800	400	PF1080	PS1040	PF2080	PS2040	PV1080	CVR0804R5
MKS20085R5	2000	800	500	PF1080	PS1050	PF2080	PS2050	PV1080	CVR0805R5
MKS20104R5	2000	1000	400	PF1100	PS1040	PF2100	PS2040	PV1100	CVR1004R5
MKS20105R5	2000	1000	500	PF1100	PS1050	PF2100	PS2050	PV1100	CVR1005R5

Enclosure				Cable		
H	W	D	Cable fixing bar (mounted below bottom plates)	Cable fixing bar (mounted above bottom plates)	Ventilated bottom plates	
MKS12064R5	1200	600	400	CABP600	CAB600	CVB0604
MKS12084R5	1200	800	400	CABP800	CAB800	CVB0804
MKS14063R5	1400	600	300	CABP600	CAB600	CVB0603
MKS14064R5	1400	600	400	CABP600	CAB600	CVB0604
MKS14083R5	1400	800	300	CABP800	CAB800	CVB0803
MKS14084R5	1400	800	400	CABP800	CAB800	CVB0804
MKS16063R5	1600	600	300	CABP600	CAB600	CVB0603
MKS16064R5	1600	600	400	CABP600	CAB600	CVB0604
MKS16083R5	1600	800	300	CABP800	CAB800	CVB0803
MKS16084R5	1600	800	400	CABP800	CAB800	CVB0804
MKS16085R5	1600	800	500	CABP800	CAB800	CVB0805
MKS16104R5	1600	1000	400	CABP1000	CAB1000	CVB1004
MKS16105R5	1600	1000	500	CABP1000	CAB1000	CVB1005
MKS18064R5	1800	600	400	CABP600	CAB600	CVB0604
MKS18084R5	1800	800	400	CABP800	CAB800	CVB0804
MKS18085R5	1800	800	500	CABP800	CAB800	CVB0805
MKS18104R5	1800	1000	400	CABP1000	CAB1000	CVB1004
MKS20064R5	2000	600	400	CABP600	CAB600	CVB0604
MKS20084R5	2000	800	400	CABP800	CAB800	CVB0804
MKS20085R5	2000	800	500	CABP800	CAB800	CVB0805
MKS20104R5	2000	1000	400	CABP1000	CAB1000	CVB1004
MKS20105R5	2000	1000	500	CABP1000	CAB1000	CVB1005

01

Floor Standing Enclosures



1

Floor Standing Enclosures
Steel Range | Mild Steel
Compact, double door | MKD

IP 55 | TYPE 12, 13 | IK 10



**Material:**

Body: 1.35 mm painted steel. Rear and roof panels: 1.5 mm painted steel.
 Door: 2 mm painted steel. Mounting plate: 3 mm galvanized steel.
 Bottom plates: 1 mm galvanized steel.

Body:

Four times folded and seam-welded frame. Integrated depth profiles with hole pattern allowing mounting plate adjustment in depth.

Doors:

Mounted with four hinges. Including door frame with 25 mm hole pattern. Standard doors cannot be reversed. Separate doors to be ordered for left hand door locking.

Rear panel:

Fitted by M6 torx screws. Standard facilities for rear door mounting.
 Split rear panels on 1600 mm wide enclosures.

Roof panel:

Removable.

Lock:

Espagnolette 4-point locking system in the main door and 2-point locking system in the slave door. Standard double-bit lock with 3 mm insert. Can be exchanged for standard inserts or Euro-cylinder and a lift handle.

Bottom plates:

Consists of three pieces.

Mounting plate:

Double folded and slides into position. Adjustable in depth by steps of 25 mm with the MPD02 accessory. Supplied outside of the enclosure packaging.
 Fitted inside for 1600 mm enclosures.

Earthing:

All panels are earthed through their fittings and are equipped with a separate earthing stud.

Finish:

RAL 7035 structured powder coating.

Protection:

Complies with IP 55 | TYPE 12, 13 | IK 10.

Approvals:

CE, CSA, EAC, GOST, Kema Keur, Lloyds shipping, cULus_listed.

Delivery:

Body with fitted door, rear panel, roof panel, bottom plates, mounting plate (except in PE version) and door frame. Delivery also includes earthing bolts. The enclosure is delivered on a pallet identical to the enclosure width. All packing material is recyclable.



Dimensional table | MKD

IP 55 | TYPE 12, 13 | IK 10

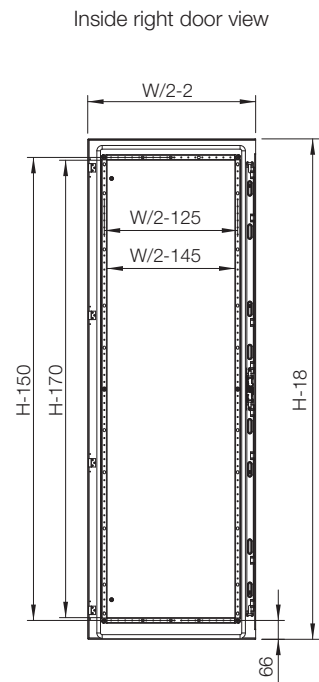
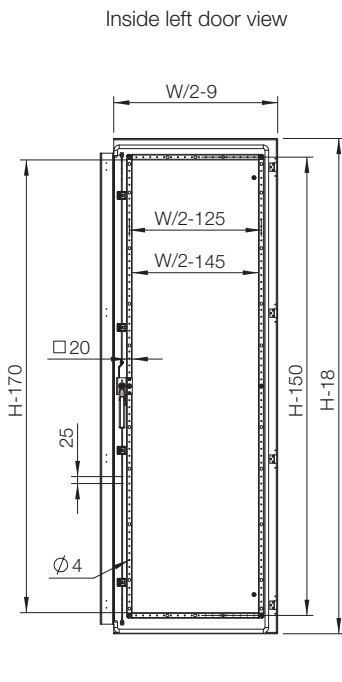
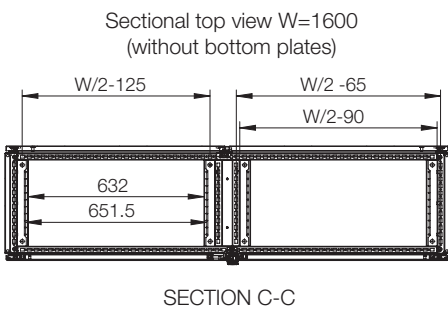
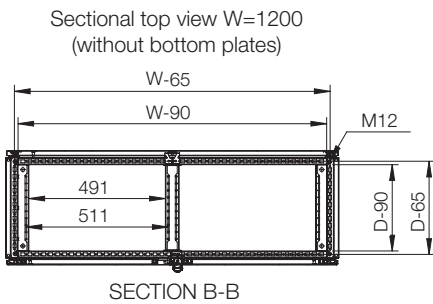
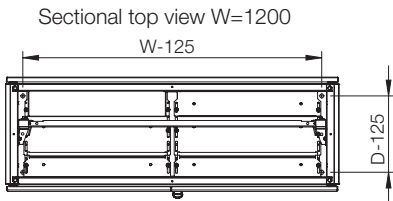
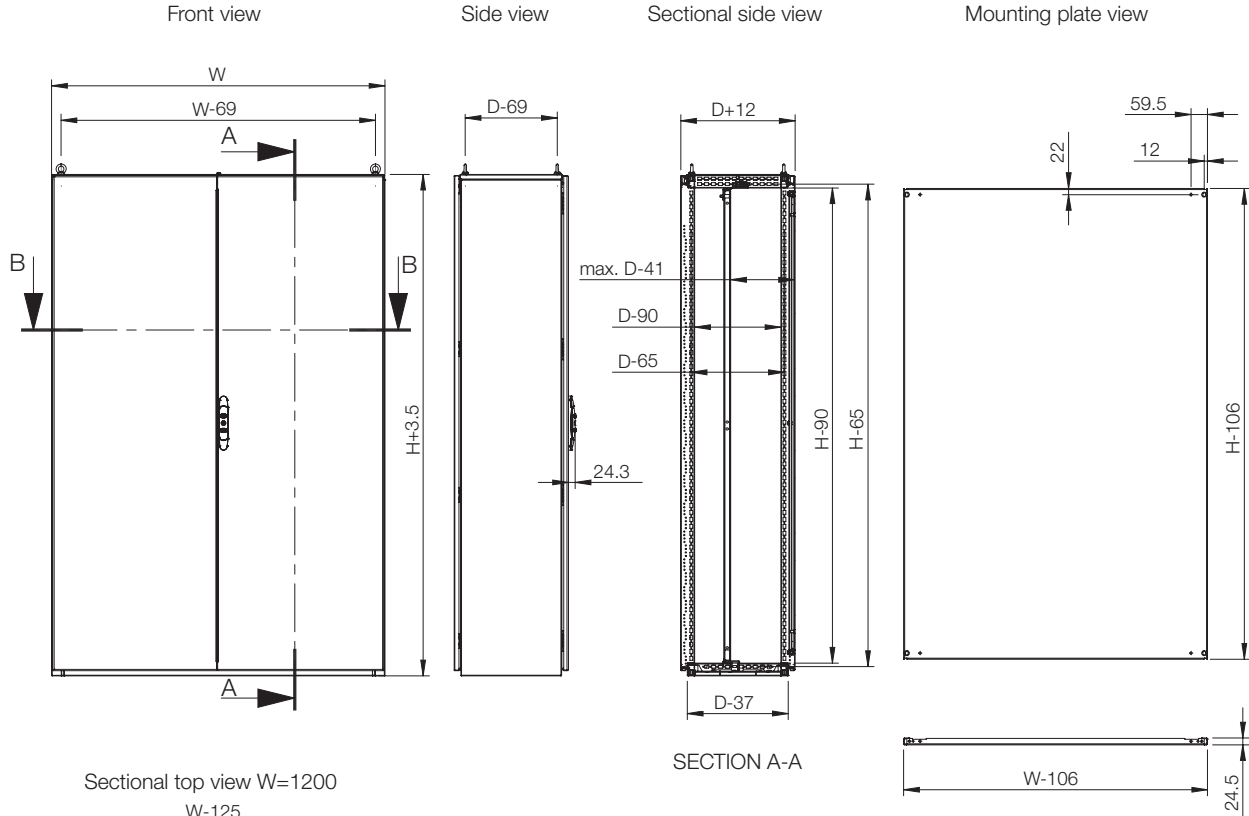
With mounting plate

Enclosure dimensions			Mounting plate dimensions		Usable depth	Item no.
H	W	D	h	w	d	
1200	1200	400	1094	1094	359	MKD12124R5
1400	1000	300	1294	894	259	MKD14103R5
1400	1000	400	1294	894	359	MKD14104R5
1400	1200	300	1294	1094	259	MKD14123R5
1400	1200	400	1294	1094	359	MKD14124R5
1600	1200	400	1494	1094	359	MKD16124R5
1600	1200	500	1494	1094	459	MKD16125R5
1800	1200	400	1694	1094	359	MKD18124R5
1800	1200	500	1694	1094	459	MKD18125R5
1800	1600	400	1694	1494	359	MKD18164R5
1800	1600	500	1694	1494	459	MKD18165R5
2000	1200	400	1894	1094	359	MKD20124R5
2000	1200	500	1894	1094	459	MKD20125R5
2000	1600	400	1894	1494	359	MKD20164R5
2000	1600	500	1894	1494	459	MKD20165R5

Without mounting plate

Enclosure dimensions			Item no.
H	W	D	
1200	1200	400	MKD12124PER5
1400	1000	300	MKD14103PER5
1400	1000	400	MKD14104PER5
1400	1200	300	MKD14123PER5
1400	1200	400	MKD14124PER5
1600	1200	400	MKD16124PER5
1600	1200	500	MKD16125PER5
1800	1200	400	MKD18124PER5
1800	1200	500	MKD18125PER5
1800	1600	400	MKD18164PER5
1800	1600	500	MKD18165PER5
2000	1200	400	MKD20124PER5
2000	1200	500	MKD20125PER5
2000	1600	400	MKD20164PER5
2000	1600	500	MKD20165PER5

For added cabling options add plinths PF and PCP.



Accessories selection matrix | MKD

Enclosure				Mounting						
	H	W	D	Mounting plate	Mounting profile, in H	Mounting profile, in W	Mounting profile, in D *	Click in profile, in W *	Click in profile, in D	Side mounting bar
MKD12124R5	1200	1200	400	MP1212	CLPF1200	CLPF1200	CLPF400	CLPK1200	CLPK400	CMB402
MKD14103R5	1400	1000	300	MP1410	CLPF1400	CLPF1000	CLPF300	CLPK1000	CLPK300	CMB302
MKD14104R5	1400	1000	400	MP1410	CLPF1400	CLPF1000	CLPF400	CLPK1000	CLPK400	CMB402
MKD14123R5	1400	1200	300	MP1412	CLPF1400	CLPF1200	CLPF300	CLPK1200	CLPK300	CMB302
MKD14124R5	1400	1200	400	MP1412	CLPF1400	CLPF1200	CLPF400	CLPK1200	CLPK400	CMB402
MKD16124R5	1600	1200	400	MP1612	CLPF1600	CLPF1600	CLPF1600	CLPK1200	CLPK1200	CMB402
MKD16125R5	1800	1200	500	MP1612	CLPF1600	CLPF1200	CLPF500	CLPK1200	CLPK500	CMB502
MKD18124R5	1800	1200	400	MP1812	CLPF1800	CLPF1800	CLPF1800	CLPK1200	CLPK1200	CMB402
MKD18125R5	1800	1200	500	MP1812	CLPF1800	CLPF1200	CLPF500	CLPK1200	CLPK500	CMB502
MKD18164R5	1800	1600	400	MP1816	CLPF1800	CLPF1800	CLPF1800	CLPK400	CLPK400	CMB402
MKD18165R5	1800	1600	500	MP1816	CLPF1800	CLPF1800	CLPF1800	CLPK500	CLPK500	CMB502
MKD20124R5	2000	1200	400	MP2012	CLPF2000	CLPF2000	CLPF2000	CLPK1200	CLPK1200	CMB402
MKD20125R5	2000	1200	500	MP2012	CLPF2000	CLPF1200	CLPF500	CLPK1200	CLPK500	CMB502
MKD20164R5	2000	1600	400	MP2016	CLPF2000	CLPF2000	CLPF2000	CLPK400	CLPK400	CMB402
MKD20165R5	2000	1600	500	MP2016	CLPF2000	CLPF2000	CLPF2000	CLPK500	CLPK500	CMB502

* For compact enclosures (MKS/MKD) the CLPF in depth or a CLPK in width should be used in combination with CAK02 (Profile bracket for compact enclosures).

Enclosure				Fixing					Doors	
	H	W	D	Front/rear plinths (100 mm height)	Plinth side panels (100 mm height)	Front/rear plinths (200 mm height)	Plinth side panels (200 mm height)	Ventilated front/rear plinths (100 mm height)	Plain door, left *	Plain door, right *
MKD12124R5	1200	1200	400	PF1120	PS1040	PF2040	PF2120	PV1120	DN1206LR5	DN1206RR5
MKD14103R5	1400	1000	300	PF1100	PS1030	PF2030	PF2100	PV1100	DN1405LR5	DN1405RR5
MKD14104R5	1400	1000	400	PF1100	PS1040	PF2040	PF2100	PV1100	DN1405LR5	DN1405RR5
MKD14123R5	1400	1200	300	PF1120	PS1030	PF2030	PF2120	PV1120	DN1406LR5	DN1406RR5
MKD14124R5	1400	1200	400	PF1120	PS1040	PF2040	PF2100	PV1100	DN1406LR5	DN1406RR5
MKD16124R5	1600	1200	400	PF1120	PS1040	PF1120	PS1040	PV1120	DN1606LR5	DN1606RR5
MKD16125R5	1800	1200	500	PF1120	PS1050	PF2050	PF2120	PV1120	DN1606LR5	DN1606RR5
MKD18124R5	1800	1200	400	PF1120	PS1040	PF1120	PS1040	PV1120	DN1806LR5	DN1806RR5
MKD18125R5	1800	1200	500	PF1120	PS1050	PF2050	PF2120	PV1120	DN1806LR5	DN1806RR5
MKD18164R5	1800	1600	400	2x PF1080	PS1040	2x PF1080	PS1040	2x PV1080	DN1808LR5	DN1808RR5
MKD18165R5	1800	1600	500	2x PF1080	PS1050	2x PF1080	PS1050	2x PV1080	DN1808LR5	DN1808RR5
MKD20124R5	2000	1200	400	PF1120	PS1040	PF1120	PS1040	PV1120	DN2006LR5	DN2006RR5
MKD20125R5	2000	1200	500	PF1120	PS1050	PF2050	PF2120	PV1120	DN2006LR5	DN2006RR5
MKD20164R5	2000	1600	400	2x PF1080	PS1040	2x PF1080	PS1040	2x PV1080	DN2008LR5	DN2008RR5
MKD20165R5	2000	1600	500	2x PF1080	PS1050	2x PF1080	PS1050	2x PV1080	DN2008LR5	DN2008RR5

* DNMK is required for additional door.

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Floor Standing Enclosures



Enclosure				Thermal	Cable		
	H	W	D	Ventilated roof	Cable fixing bar (mounted below bottom plates)	Cable fixing bar (mounted above bottom plates)	Ventilated bottom plates
MKD12124R5	1200	1200	400	CVR1204R5	CABP1200	CAB1200	-
MKD14103R5	1400	1000	300	CVR1003R5	CABP1000	CAB1000	-
MKD14104R5	1400	1000	400	CVR1004R5	CABP1000	CAB1000	-
MKD14123R5	1400	1200	300	CVR1203R5	CABP1200	CAB1200	-
MKD14124R5	1400	1200	400	CVR1004R5	CABP1200	CAB1200	-
MKD16124R5	1600	1200	400	CVR1204R5	CABP1200	CAB1200	-
MKD16125R5	1800	1200	500	CVR1205R5	CABP1200	CAB1200	-
MKD18124R5	1800	1200	400	CVR1204R5	CABP1200	CAB1200	-
MKD18125R5	1800	1200	500	CVR1205R5	CABP1200	CAB1200	-
MKD18164R5	1800	1600	400	CVR1604R5	2x CABP800	2x CAB800	2x CVB0804
MKD18165R5	1800	1600	500	CVR1605R5	2x CABP800	2x CAB800	2x CVB0805
MKD20124R5	2000	1200	400	CVR1204R5	CABP1200	CAB1200	-
MKD20125R5	2000	1200	500	CVR1205R5	CABP1200	CAB1200	-
MKD20164R5	2000	1600	400	CVR1604R5	2x CABP800	2x CAB800	2x CVB0804
MKD20165R5	2000	1600	500	CVR1605R5	2x CABP800	2x CAB800	2x CVB0805



Floor Standing | Stainless Steel Range

The enclosures in the floor standing stainless steel range, with single or double door versions, are available in stainless steel type 304 and 316 and have a 240s pre-grained finish (average 0.5 microns). The range has different properties to comply with various conditions in a number of environments and are ideal for both indoor and outdoor installations. Enclosures in stainless steel type 304 are robust and offer excellent oxidation and corrosion resistance properties. Such enclosures are often used in environments such as food processing plants, breweries, and oil refineries.

Type 316 enclosures are ideal for installations in coastal areas, marine applications subject to saltwater spray, industrial equipment exposed to corrosive process chemicals, and any area with high exposure to chloride.

The welded frame makes the enclosure strong and rigid and thus well suited for heavy duty applications. A wide range of accessories are available to allow for any configuration. And, since all enclosure versions are designed around the same platform, the same accessories may be used on all versions, which makes engineering easier and allows for stock reduction with panel builders and distributors. The assembly of the enclosures and accessories is easily done and will help you to reduce assembly time and remain competitive.



This enclosure range has been designed to comply with the relevant standard for empty enclosures, IEC 62208, and is regularly audited by the independent laboratory DEKRA which allows Eldon to put the KEMA-KEUR mark in the enclosures.

Maximum protection for the user and the equipment is achieved thanks to the high protection degrees IP 55, 56 and 66 according to IEC 60529, and IK 10 according to IEC 62262.

Two different enclosure versions are available in the stainless steel range:

- **Combinable**, which allows for combining two or more enclosures together;
- **Compact**, which is suitable when integration with a machine structure or a manufacturing process line is required, and when only one enclosure is needed.

All enclosures in the range have UL certification for the USA, CSA for Canada, GOST and EAC for Russia and others, which makes export easier, especially for machine builders.

	Combinable	Compact
	Stainless Steel	Stainless Steel
	MCSS MCDS	EKSS/EKDS
		
FRONT	door	door
SIDES	removable	_____
REAR	removable	removable
ROOF	removable	_____
BOTTOM	1 piece	1 piece

Floor Standing Enclosures

Steel Range

Stainless Steel, Combinable

Typical Application | Stainless Steel, Combinable

Electricity Transmission & Distribution

Food and Beverage

Oil and Gas

Water Treatment

Pulp and Paper



The combinable enclosure version comprises a rigid 'open' frame, a set of panels, and a front door. The frame is made of four vertical profiles and eight horizontal profiles welded together. The profiles have an integrated 25 mm hole pattern along their whole length. The rear, bottom, top and side panels, as well as the doors, can be easily removed. This allows for combining enclosures on all sides, easy access for cabling and/or mounting of interior components, plus simplified drilling and hole-making.



Food and Beverage Application

Eldon's MCSS enclosure is the perfect choice for Automation and Control lines in Food and Beverage plant when the enclosures are located in clean rooms or wet areas. The modular approach allows our Combinable enclosures systems to adapt to potential line expansions, while the high IP rate ensures the maximum protection for the internal equipment.



Electrical substation application

Electrical utilities throughout the world, involved in the generation, transmission, distribution and sales of electrical energy, all strive for efficient and effective utilization of the existing resources. Eldon's contribution is to provide enclosure solutions, for indoor and outdoor installations, that ensure reliable control and safe protection of electrical and electronic equipment. Eldon MCSS enclosure is the perfect choice due to its high protection degree and its capacity to guarantee the highest corrosion protection, due to its top quality stainless steel 304/316 with 240s finish.

01

Floor Standing Enclosures



Robust profiles

The patented Eldon profiles, with their integrated 25 mm hole pattern, are continuously laser welded and folded eight times, with two double bends. Frame profiles are joined together by rigid, fully welded corner pieces.



User friendly

Doors as well as the rear, bottom, top and side panels can be easily removed. This allows easy access for cabling and/or mounting of interior components, plus simplified drilling and hole-making.



Superior finish

Combinable enclosures in stainless steel have non-visible grinded and polished welds, corner formed doors and panels, and a new aesthetic lock cover.



Increased bottom protection

Eldon's stainless steel combinable enclosures are supplied with one bottom plate with an injected polyurethane gasket. The combinable range is ideal for the Food & Beverage industry, where enclosures are typically mounted on frames raised above the floor.

Floor Standing Enclosures
Steel Range | Stainless Steel
Combinable, single door | MCSS

IP 56 | TYPE 4X, 12, 13 | IK 10



**Material:**

AISI 304L pre-grained stainless steel / AISI 316L. Frame: 1.5 mm. Door: 2 mm. Rear, roof and side panels: 1.5 mm. Bottom plates: 1.5 mm stainless steel. Mounting plate: 3 mm galvanized steel.

Frame:

Seam welded reversed open profiles with 25 mm hole pattern according to DIN 43660.

Door:

Mounted with four hinges allowing left or right hand opening. Including door frame with 25 mm hole pattern.

Rear panel:

Fitted by M6 torx screws. Standard facilities for rear door mounting.

Side panels:

Supplied as an accessory.

Roof panel:

Removable.

Lock:

Espagnolette 4-point locking system. Does not interfere with the enclosure inner space. Standard double-bit 3 mm insert. Standard inserts, cylinders, lift handles and T-handles are available as accessories.

Bottom plates:

One piece bottom plate with injected polyurethane gasket to ensure maximum sealing.

Mounting plate:

Double folded and slides into position. Adjustable in depth by steps of 25 mm with the MPD02 accessory. Mounting plate is delivered attached on the outside of the enclosure packaging.

Earthing:

All panels are earthed through their fittings and are equipped with a separate earthing stud.

Finish:

240s pre-grained stainless steel (0,5 microns average).

Protection:

Corresponds with IP 56 | TYPE 4X, 12, 13 | IK 10.

Approvals:

CE, EAC, DNV-GL, GOST, Kema Keur, Lloyds shipping, cULus_listed.

Mounting requirement:

Standard delivery ready for combined installation. For stand-alone installation add side panels.

Delivery:

Frame with fitted door, rear panel, roof panel, bottom plate, mounting plate and door frame. Delivery also includes earthing bolts. Delivered on a pallet which is identical to the width of the enclosure to allow suiting without removal. All packing material is recyclable.

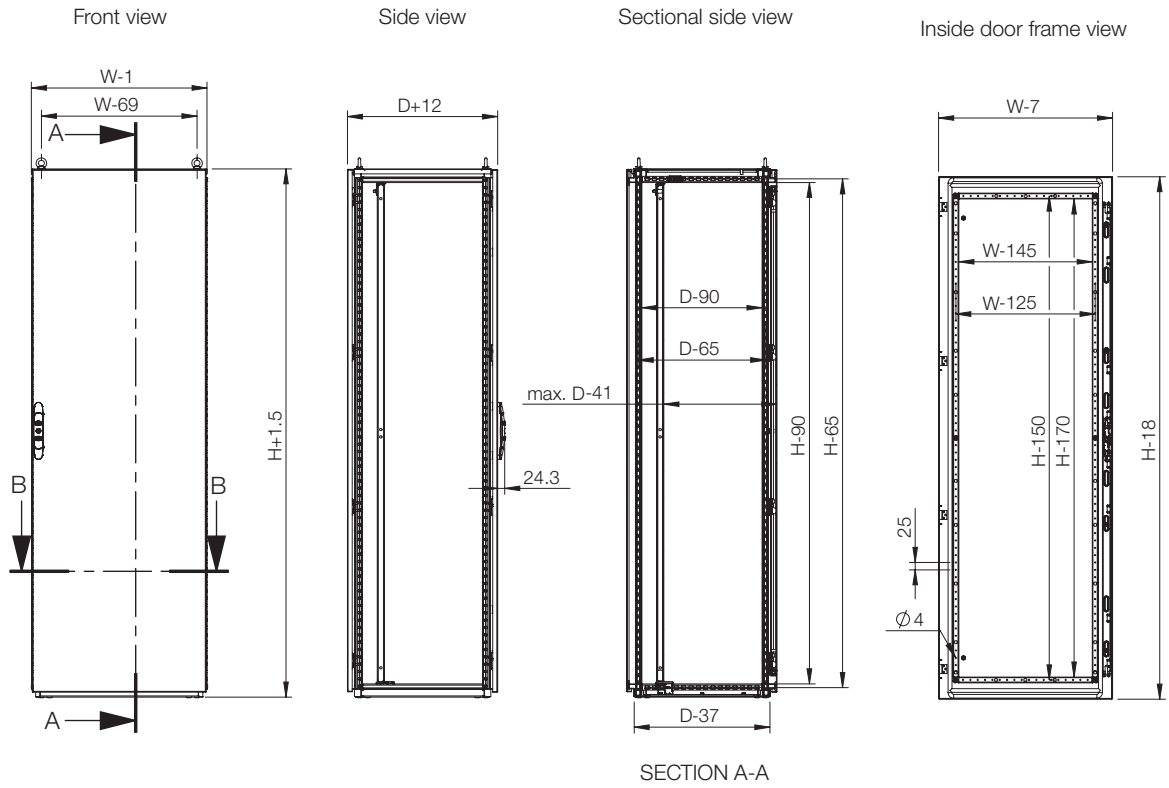


Dimensional table | MCSS

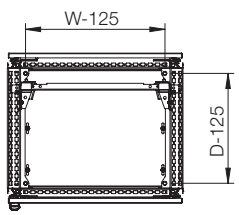
IP 56 | TYPE 4X, 12, 13 | IK 10

Enclosure dimensions			Mounting plate dimensions		Item no.
H	W	D	h	w	
1800	600	500	1694	494	MCSS18065
1800	600	500	1694	494	MCSS18065-316
1800	800	500	1694	694	MCSS18085
1800	800	500	1694	694	MCSS18085-316
1800	1000	500	1694	894	MCSS18105
1800	1000	500	1694	894	MCSS18105-316
2000	600	600	1894	494	MCSS20066
2000	600	600	1894	494	MCSS20066-316
2000	800	600	1894	694	MCSS20086
2000	800	600	1894	694	MCSS20086-316
2000	1000	600	1894	894	MCSS20106
2000	1000	600	1894	894	MCSS20106-316

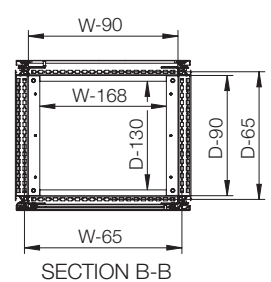




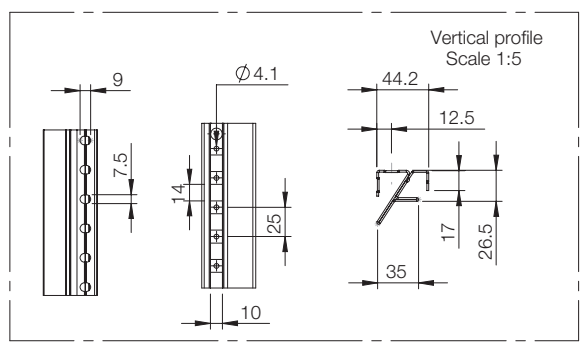
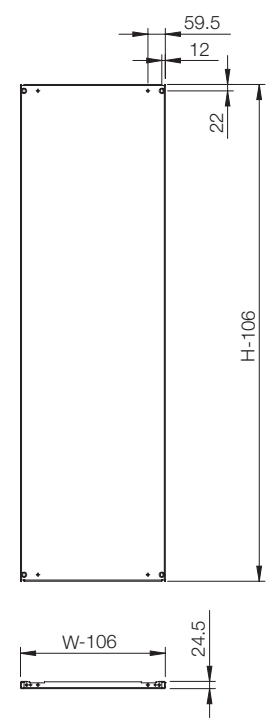
Sectional top view





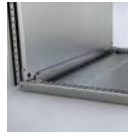



Sectional top view (without bottom plates)








Mounting plate view






Accessories selection matrix | MCSS

									
Enclosure				Mounting					
H	W	D	Mounting plate	Wide mounting plate *	Transversal sliding profiles	Mounting profiles (19") **	Brackets for fixing 19" mounting profiles	Side mounting bar	
MCSS18065	1800	600	500	MP1806	MPW1806	MTS600	CIP38	CIB600	CMB502
MCSS18085	1800	800	500	MP1808	MPW1808	MTS800	CIP38	CIB800	CMB502
MCSS18105	1800	1000	500	MP1810	MPW1810	MTS1000	CIP38	-	CMB502
MCSS20066	2000	600	600	MP2006	MPW2006	MTS600	CIP42	CIB600	CMB602
MCSS20086	2000	800	600	MP2008	MPW2008	MTS800	CIP42	CIB800	CMB602
MCSS20106	2000	1000	600	MP2010	MPW2010	MTS1000	CIP42	-	CMB602

* MTS is required.
** CIB, CID or CIWR are required.

								
Enclosure				Mounting				
H	W	D	Mounting profile, in H	Mounting profile, in W	Mounting profile, in D	Click in profile, in W	Click in profile, in D	
MCSS18065	1800	600	500	CLPF1800	CLPF600	CLPF500	CLPK600	CLPK500
MCSS18085	1800	800	500	CLPF1800	CLPF800	CLPF500	CLPK800	CLPK500
MCSS18105	1800	1000	500	CLPF1800	CLPF1000	CLPF500	CLPK1000	CLPK500
MCSS20066	2000	600	600	CLPF2000	CLPF600	CLPF600	CLPK600	CLPK600
MCSS20086	2000	800	600	CLPF2000	CLPF800	CLPF600	CLPK800	CLPK600
MCSS20106	2000	1000	600	CLPF2000	CLPF1000	CLPF600	CLPK1000	CLPK600

							
Enclosure				Fixing			
H	W	D	Full height swing frame *	Swing frame middle mounted *	Swing frame side mounted *	Swing frame transversal support bars	
MCSS18065	1800	600	500	ESFC366	-	-	ESFB06
MCSS18085	1800	800	500	ESFC366	ESFM368	ESFS368	ESFB08
MCSS18105	1800	1000	500	ESFC366	ESFM368	ESFS368	ESFB10
MCSS20066	2000	600	600	ESFC406	-	-	ESFB06
MCSS20086	2000	800	600	ESFC406	ESFM408	ESFS408	ESFB08
MCSS20106	2000	1000	600	ESFC406	ESFM408	ESFS408	ESFB10

* ESFB is required.

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Floor Standing Enclosures

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Enclosure				Fixing			
H	W	D	Front/rear plinths (100 mm height)	Plinth side panels (100 mm height)	Front/rear plinths (200 mm height)	Plinth side panels (200 mm height)	
MCSS18065	1800	600	500	PFS1060	PSS1050	PFS2060	PSS2050
MCSS18085	1800	800	500	PFS1080	PSS1050	PFS2080	PSS2050
MCSS18105	1800	1000	500	PFS1100	PSS1050	PFS2100	PSS2050
MCSS20066	2000	600	600	PFS1060	PSS1060	PFS2060	PSS2060
MCSS20086	2000	800	600	PFS1080	PSS1060	PFS2080	PSS2060
MCSS20106	2000	1000	600	PFS1100	PSS1060	PFS2100	PSS2060

Enclosure				Doors			Baying	Cable
H	W	D	Plain door *	Glazed door *	Inner door	Side panels	Cable fixing bar (mounted above bottom plates)	
MCSS18065	1800	600	500	DNSS1806	DNGS1806	DI1806R5	SPMS1805	CAB600
MCSS18085	1800	800	500	DNSS1808	DNGS1808	DI1808R5	SPMS1805	CAB800
MCSS18105	1800	1000	500	DNSS1810	DNGS1810	DI1810R5	SPMS1805	CAB1000
MCSS20066	2000	600	600	DNSS2006	DNGS2006	DI2006R5	SPMS2006	CAB600
MCSS20086	2000	800	600	DNSS2008	DNGS2008	DI2008R5	SPMS2006	CAB800
MCSS20106	2000	1000	600	DNSS2010	DNGS2010	DI2010R5	SPMS2006	CAB1000

* DNMK5 is required for each additional door.

Floor Standing Enclosures
Steel Range | Stainless Steel
Combinable, double door | MCDS

IP 55 | TYPE 12, 13 | IK 10



**Material:**

AISI 304L pre-grained stainless steel / AISI 316L. Frame: 1.5 mm. Door: 2 mm. Rear, roof and side panels: 1.5 mm. Bottom plates: 1.5 mm stainless steel. Mounting plate: 3 mm galvanized steel.

Frame:

Seam welded reversed open profiles with 25 mm hole pattern according to DIN 43660.

Door:

Mounted with four hinges. Including door frame with 25 mm hole pattern. Doors cannot be reversed. Separate doors to be ordered for left hand door locking.

Rear panel:

Fitted by M6 torx screws. Standard facilities for rear door mounting. Split rear panels in 1600 mm wide enclosures.

Side panels:

Supplied as an accessory.

Roof panel:

Removable.

Lock:

Espagnolette 4-point locking system in the main door and 2-point locking system in the slave door. Standard double-bit lock with 3 mm insert. Can be exchanged for standard inserts or Euro-cylinder and a lift handle.

Bottom plates:

Two pieces of bottom plate in 1200 mm and 1600 mm width with injected polyurethane gasket to ensure maximum sealing.

Mounting plate:

Double folded and adjustable in depth by steps of 25 mm with the MPD02 accessory. Mounting plate is delivered attached on the outside of the enclosure packaging.

Earthing:

All panels are earthed through their fittings and are equipped with a separate earthing stud.

Finish:

240s pre-grained stainless steel (0.5 microns average).

Protection:

Complies with IP 55 | TYPE 12, 13 | IK 10.

Approvals:

CE, DNV-GL, EAC, GOST, Kema Keur, Lloyds shipping, cULus_listed.

Mounting requirement:

Standard delivery ready for combined installation. For stand-alone installation add side panels.

Delivery:

Frame with fitted doors, rear panel, roof panel, bottom plates, mounting plate and door frame. Delivery also includes earthing bolts. Delivered on a pallet which is identical to the width of the enclosure to allow suiting without removal. Packing material is recyclable.

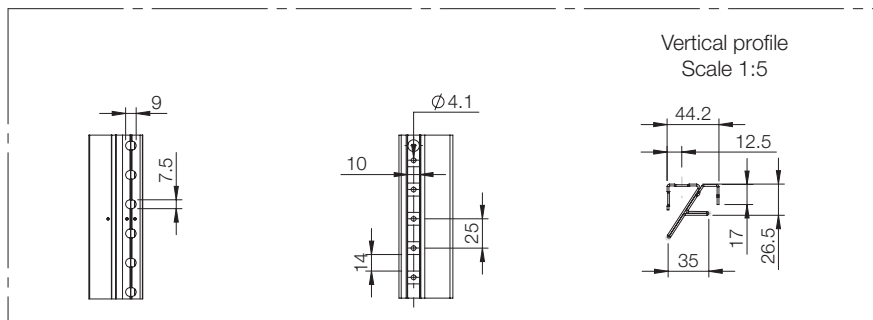
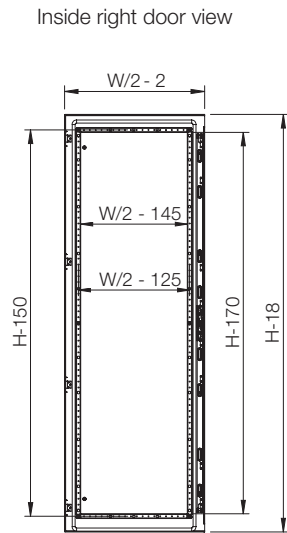
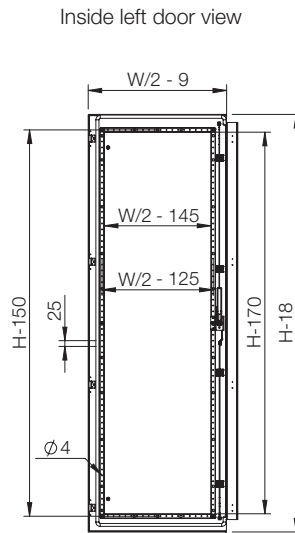
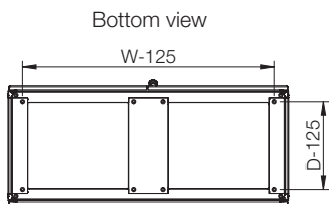
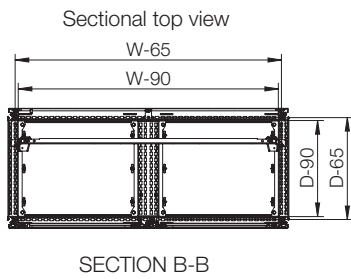
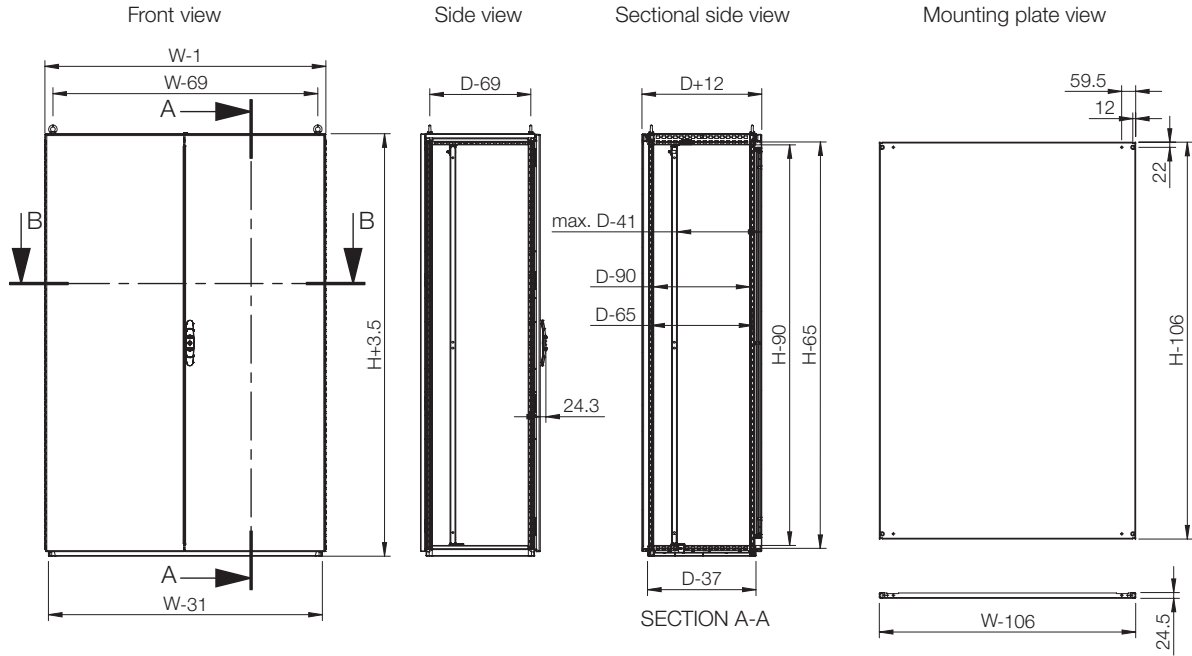


Dimensional table | MCDS

IP 55 | TYPE 12, 13 | IK 10

Enclosure dimensions			Mounting plate dimensions		Item no.
H	W	D	h	w	
1800	1000	500	1694	894	MCDS18105
1800	1000	500	1694	894	MCDS18105-316
1800	1200	500	1694	1094	MCDS18125
1800	1200	500	1694	1094	MCDS18125-316
2000	1200	600	1894	1094	MCDS20126
2000	1200	600	1894	1094	MCDS20126-316





Accessories selection matrix | MCDS

Enclosure				Mounting					
H	W	D	Mounting plate	Wide mounting plate *	Transversal sliding profiles	Mounting profile, in H	Mounting profile, in W	Mounting profile, in D	
MCDS18105	1800	1000	500	MP1810	MPW1810	MTS1000	CLPF1800	CLPF1000	CLPF500
MCDS18125	1800	1200	500	MP1812	MPW1812	MTS1200	CLPF1800	CLPF1200	CLPF500
MCDS20126	2000	1200	600	MP2012	MPW2012	MTS1200	CLPF2000	CLPF1200	CLPF600

* MTS is required.

Enclosure				Mounting		
H	W	D	Click in profile, in W	Click in profile, in D	Side mounting bar	
MCDS18105	1800	1000	500	CLPK1000	CLPK500	CMB502
MCDS18125	1800	1200	500	CLPK1200	CLPK500	CMB502
MCDS20126	2000	1200	600	CLPK1200	CLPK600	CMB602

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Floor Standing Enclosures



Enclosure				Fixing			
H	W	D	Front/rear plinths (100 mm height)	Plinth side panels (100 mm height)	Front/rear plinths (200 mm height)	Plinth side panels (200 mm height)	
MCDS18105	1800	1000	500	PFS1100	PSS1050	PFS2100	PSS2050
MCDS18125	1800	1200	500	PFS1120	PSS1050	PFS2120	PSS2050
MCDS20126	2000	1200	600	PFS1120	PSS1060	PFS2120	PSS2060

Enclosure				Doors		Baying	Cable	
H	W	D	Plain door, left *	Plain door, right *	Side panels	Cable fixing bar (mounted below bottom plates)	Cable fixing bar (mounted above bottom plates)	
MCDS18105	1800	1000	500	DNSS1810L	DNSS1810R	SPMS1805	CABP1000	CAB1000
MCDS18125	1800	1200	500	DNSS1812L	DNSS1812R	SPMS1805	CABP1200	CAB1200
MCDS20126	2000	1200	600	DNSS2012L	DNSS2012R	SPMS2006	CABP1200	CAB1200

* DNMK5 is required for each additional door.

Floor Standing Enclosures

Steel Range

Stainless Steel, Compact

Typical Application | Stainless Steel, Compact

Food and Beverage

Oil and Gas

Water Treatment

Pulp and Paper



The compact range, with a basic and user-friendly design, has a one-piece body, single or multiple doors option and removable rear panel. The sturdy construction, with integrated 25 mm hole pattern in the front and in the rear, ensures superior rigidity and easy access. The floor standing range of accessories such as doors, hinges, lock systems, mounting plates, etc. can be used, making the compact enclosure range a very affordable alternative.



Food and Beverage Application

Eldon provides food and beverage machine builders with stainless steel double door floor standing enclosures EKDS with vertical divider, with IP 66, TYPE 4X and 240s pre-grained stainless steel finish, for mounting in machines that produce a wide spectrum of products. The often challenging environments, with very high demands on ultra hygienic processing and high ingress protection degrees, made Eldon's EKDS range of stainless steel enclosures a perfect solution.



Water Treatment Solutions

Eldon supplies bespoke stainless steel enclosures that help delivering a perfectly clean and hygienic environment. A key example is a water treatment installation that generates pure water for use in the horticulture, food, beverage and brewery industries. The disinfected water is used for a cleaning spray and also to drip water autonomously onto production and packaging lines, cutting tables and other areas that come in close contact with a product. Eldon and its EKDS enclosures were selected as a partner because of its solid reputation for the design flexibility, the strength and corrosion resistance of its stainless steel enclosures which provides the perfect choice for demanding outdoor applications.



Wide range of dimensions

Heights from 1200 mm to 2000 mm cover the gap between the biggest wall mounted (1200 mm) enclosures and the smallest floor-standing (1800 mm).



Highest IP protection

IP 66, TYPE 4X, 12 and 13. In some applications, the enclosure size requires two doors. Because of environmental conditions, the IP/TYPE must be maintained in IP 66 / TYPE 4X. To respond to the demands of these applications, Eldon has developed its unique double-door enclosure, TYPE 4X / IP 66, EKDS with vertical divider.



Superior finish

Compact enclosures in stainless steel have non-visible grinded and polished welds, corner-formed doors and panels, and a new aesthetic lock cover.

Floor Standing Enclosures
Steel Range | Stainless Steel
Compact, single door | EKSS

IP 66 | TYPE 4X, 12, 13 | IK 10



Material:

AISI 304L pre-grained stainless steel / AISI 316L.
 Body and removable rear panel: 1.5 mm. Door: 2 mm.
 Bottom plate: 1.5 mm. Mounting plate: 3 mm galvanized steel.

Body:

One piece enclosure body. Integrated depth profiles with hole pattern allowing mounting plate adjustable in depth.

Door:

Surface mounted with 4 hinges allowing left or right hand opening. Including door frame with 25 mm hole pattern and earthing studs.

Rear panel:

Fitted by M6 torx screws. Standard facilities for rear door mounting.

Lock:

External espagnolette 4-point locking system. Standard fitted double-bit 3 mm insert. Standard inserts, cylinders, lift handles and T-handles are available as accessories.

Bottom plates:

One piece bottom plate with injected polyurethane gasket to ensure maximum sealing.

Mounting plate:

Double folded and slides into position. Adjustable in depth by steps of 25 mm. Mounting plate is delivered attached on the outside of the enclosure packaging.

Earthing:

Door is equipped with separate welded earthing studs and earthing to the frame can be accomplished by using the ECF.

Finish:

240s pre-grained stainless steel (0.5 microns average).

Protection:

Complies with IP 66 | TYPE 4X, 12, 13 | IK 10.

Approvals:

CE, EAC, GOST, Kema Keur, Lloyds shipping, cULus_listed.

Delivery:

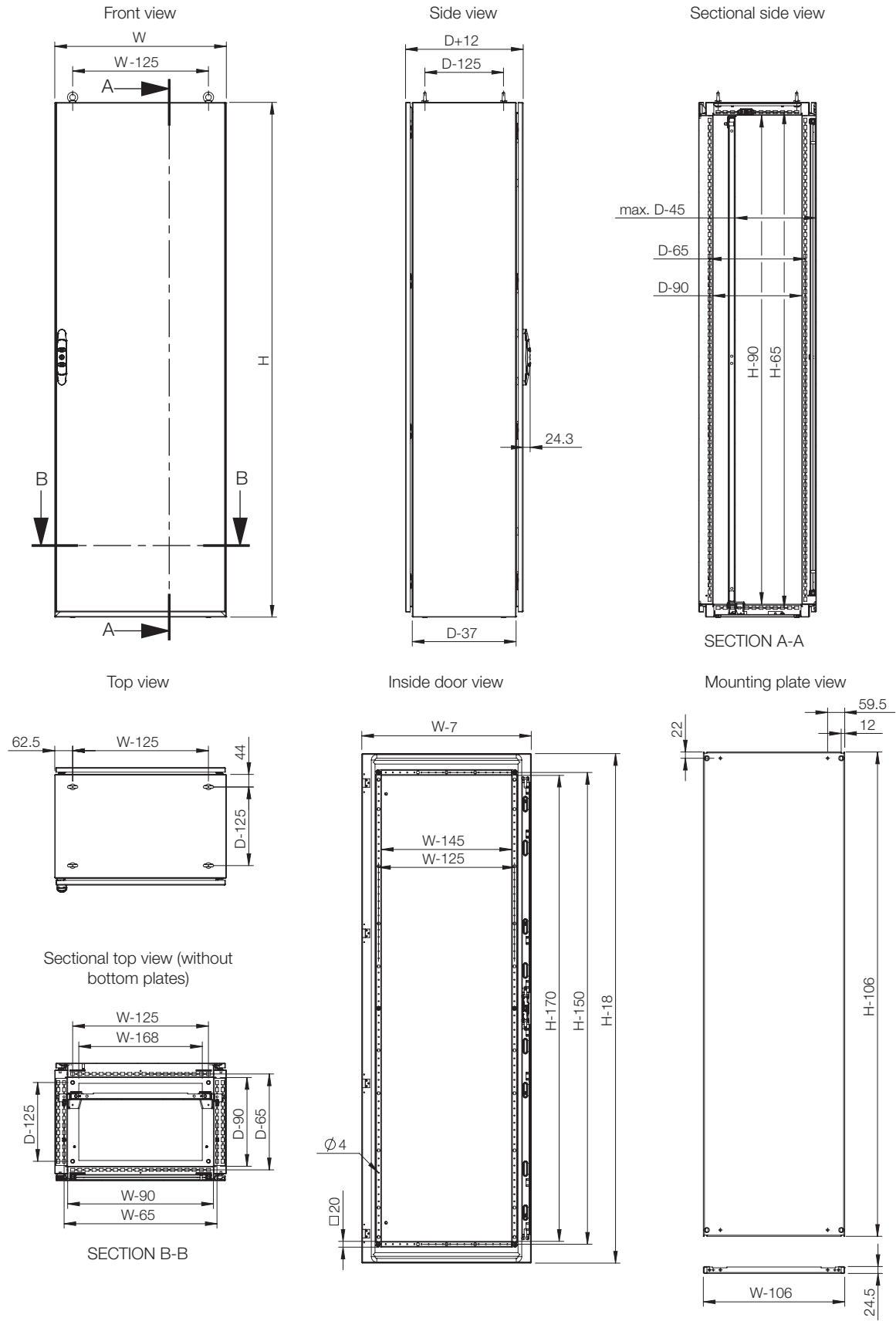
One piece body with fitted door, bottom plate and mounting plate, including door earthing studs. Delivered on a pallet which is identical to the width of the enclosure. Mounting plate is attached to the outside of the enclosure packaging. All the packing material is recyclable.



Dimensional table | EKSS

IP 66 | TYPE 4X, 12, 13 | IK 10

Enclosure dimensions			Mounting plate dimensions		Item no.
H	W	D	h	w	
1400	800	400	1294	694	EKSS14084
1400	800	400	1294	694	EKSS14084-316
1600	600	400	1494	494	EKSS16064
1600	600	400	1494	494	EKSS16064-316
1600	800	400	1494	694	EKSS16084
1600	800	400	1494	694	EKSS16084-316
1600	1000	400	1494	894	EKSS16104
1600	1000	400	1494	894	EKSS16104-316
1800	600	400	1694	494	EKSS18064
1800	600	400	1694	494	EKSS18064-316
1800	800	400	1694	694	EKSS18084
1800	800	400	1694	694	EKSS18084-316
1800	1000	400	1694	894	EKSS18104
1800	1000	400	1694	894	EKSS18104-316
2000	800	400	1894	694	EKSS20084
2000	800	400	1894	694	EKSS20084-316
2000	1000	400	1894	894	EKSS20104
2000	1000	400	1894	894	EKSS20104-316



Accessories selection matrix | EKSS

Enclosure				Mounting							
H	W	D	Mounting plate	Mounting profile, in H	Mounting profile, in W	Mounting profile, in D *	Click in profile, in W *	Click in profile, in D	Side mounting bar		
EKSS14084	1400	800	400	MP1408	CLPF1400	CLPF800	CLPF400	CLPK800	CLPK400	CMB402	
EKSS16064	1600	600	400	MP1606	CLPF1600	CLPF600	CLPF400	CLPK600	CLPK400	CMB402	
EKSS16084	1600	800	400	MP1608	CLPF1600	CLPF800	CLPF400	CLPK800	CLPK400	CMB402	
EKSS16104	1600	1000	400	MP1610	CLPF1600	CLPF1000	CLPF400	CLPK1000	CLPK400	CMB402	
EKSS18064	1800	600	400	MP1806	CLPF1800	CLPF600	CLPF400	CLPK600	CLPK400	CMB402	
EKSS18084	1800	800	400	MP1808	CLPF1800	CLPF800	CLPF400	CLPK800	CLPK400	CMB402	
EKSS18104	1800	1000	400	MP1810	CLPF1800	CLPF1000	CLPF400	CLPK1000	CLPK400	CMB402	
EKSS20084	2000	800	400	MP2008	CLPF2000	CLPF800	CLPF400	CLPK800	CLPK400	CMB402	
EKSS20104	2000	1000	400	MP2010	CLPF2000	CLPF1000	CLPF400	CLPK1000	CLPK400	CMB402	

* For compact (EKSS/EKDS) the CLPF in depth or a CLPK in width should be used in combination with CAK02 (Profile bracket for compact enclosures).

Enclosure				Mounting					
H	W	D	Full height swing frame *	Swing frame middle mounted *	Swing frame side mounted *	Swing frame transversal support bars	Mounting profiles (19") **	Brackets for fixing 19" mounting profiles	
EKSS14084	1400	800	400	ESFC276	ESFM278	ESFS278	ESFB08	CIP29	CIB800
EKSS16064	1600	600	400	ESFC316	-	-	ESFB06	CIP33	CIB600
EKSS16084	1600	800	400	ESFC316	ESFM318	ESFS318	ESFB08	CIP33	CIB800
EKSS16104	1600	1000	400	ESFC316	ESFM318	ESFS318	ESFB10	-	-
EKSS18064	1800	600	400	ESFC366	-	-	ESFB06	CIP38	CIB600
EKSS18084	1800	800	400	ESFC366	ESFM368	ESFS368	ESFB08	CIP38	CIB800
EKSS18104	1800	1000	400	ESFC366	ESFM368	ESFS368	ESFB10	-	-
EKSS20084	2000	800	400	ESFC406	ESFM408	ESFS408	ESFB08	CIP42	CIB800
EKSS20104	2000	1000	400	ESFC406	ESFM408	ESFS408	ESFB10	-	-

* ESFB is required.
** CIB, CID or CIWR are required.

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Floor Standing Enclosures



Enclosure				Fixing			
	H	W	D	Front/rear plinths (100 mm height)	Plinth side panels (100 mm height)	Front/rear plinths (200 mm height)	Plinth side panels (200 mm height)
EKSS14084	1400	800	400	PFS1080	PSS1040	PFS2080	PSS2040
EKSS16064	1600	600	400	PFS1060	PSS1040	PFS2060	PSS2040
EKSS16084	1600	800	400	PFS1080	PSS1040	PFS2080	PSS2040
EKSS16104	1600	1000	400	PFS1100	PSS1040	PFS2100	PSS2040
EKSS18064	1800	600	400	PFS1060	PSS1040	PFS2060	PSS2040
EKSS18084	1800	800	400	PFS1080	PSS1040	PFS2080	PSS2040
EKSS18104	1800	1000	400	PFS1100	PSS1040	PFS2100	PSS2040
EKSS20084	2000	800	400	PFS1080	PSS1040	PFS2080	PSS2040
EKSS20104	2000	1000	400	PFS1100	PSS1040	PFS2100	PSS2040

Enclosure				Doors		Cable
	H	W	D	Plain door *	Glazed door *	Cable fixing bar (mounted above bottom plates)
EKSS14084	1400	800	400	DNSS1408	DNGS1408	CAB800
EKSS16064	1600	600	400	DNSS1606	DNGS1606	CAB600
EKSS16084	1600	800	400	DNSS1608	DNGS1608	CAB800
EKSS16104	1600	1000	400	DNSS1610	DNGS1610	CAB1000
EKSS18064	1800	600	400	DNSS1806	DNGS1806	CAB600
EKSS18084	1800	800	400	DNSS1808	DNGS1808	CAB800
EKSS18104	1800	1000	400	DNSS1810	DNGS1810	CAB1000
EKSS20084	2000	800	400	DNSS2008	DNGS2008	CAB800
EKSS20104	2000	1000	400	DNSS2010	DNGS2010	CAB1000

* DNMK5 is required for each additional door.

Floor Standing Enclosures
Steel Range | Stainless Steel
Compact, Double door | EKDS

IP 55 | TYPE 12, 13 | IK 10; IP 66 | TYPE 4X (on request)



Material:

AISI 304 pre-grained stainless steel / AISI 316L.
 Body and removable rear panel: 1.5 mm. Door: 2 mm. Bottom Plates: 1.5 mm.
 Mounting plate: 3 mm.

Body:

One piece enclosure body. Integrated depth profiles with hole pattern allowing mounting plate adjustable in depth.

Door:

Surface mounted with 4 hinges including door frame with 25 mm hole pattern and earthing studs. Standard doors can not be reversed.

Rear panel:

Fitted by M6 torx screws. Standard facilities for rear door mounting. Split rear panels in 1600 mm wide enclosures.

Lock:

Espagnolette 4-point locking system in the main door and 2-point locking system in the slave door. Standard double-bit lock with 3 mm insert. Can be exchanged for standard inserts or Euro-cylinder and a lift handle.

Bottom plates:

One piece bottom plates with injected polyurethane gasket to ensure maximum sealing.

Earthing:

Door is equipped with separate welded earthing studs and earthing to the frame can be accomplished by using the ECF.

Mounting plate:

Double folded and slides into position. Adjustable in depth by steps of 25 mm. Mounting plate is delivered attached on the outside of the enclosure packaging. Fitted inside for 1600 mm wide enclosures. For 1600 mm wide, filler plate is included.

Finish:

240s pre-grained stainless steel (0.5 microns average).

Protection:

Double door version, complies with IP 55 | TYPE 12, 13 | IK 10. Individual doors with welded vertical divider, complies with IP 66 | TYPE 4X, 12 and 13 | IK 10.

Approvals:

CE, EAC, GOST, Kema Keur, Lloyds shipping, cULus_listed.

Delivery:

One piece body with fitted door and rear panel, bottom plates and mounting plate, including door earthing studs. Delivered on a pallet which is identical to the width of the enclosure to allow suiting without removal. Mounting plate is attached to the outside of the enclosure packaging. All the packing material is recyclable.



Dimensional table | EKDS

IP 55 | TYPE 12, 13 | IK 10; IP 66 | TYPE 4X (on request)

IP 55 | TYPE 12, 13 | IK 10

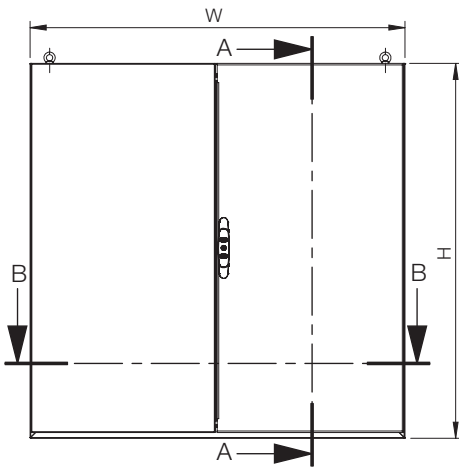
Enclosure dimensions			Mounting plate dimensions		Item no.
H	W	D	h	w	
1200	1200	400	1094	1094	EKDS12124
1200	1200	400	1094	1094	EKDS12124-316
1600	1200	400	1494	1094	EKDS16124
1600	1200	400	1494	1094	EKDS16124-316
1800	1200	400	1694	1094	EKDS18124
1800	1200	400	1694	1094	EKDS18124-316
1800	1600	400	1694	1494	EKDS18164
1800	1600	400	1694	1494	EKDS18164-316
2000	1200	400	1894	1094	EKDS20124
2000	1200	400	1894	1094	EKDS20124-316
2000	1600	400	1894	1494	EKDS20164
2000	1600	400	1894	1494	EKDS20164-316

IP 66 | TYPE 4X, 12, 13 | IK 10

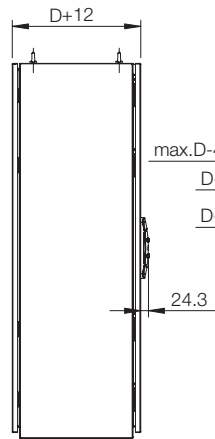
Enclosure dimensions			Mounting plate dimensions		Item no.
H	W	D	h	w	
1200	1200	400	1094	1094	EKDS12124-4X
1600	1200	400	1494	1094	EKDS16124-4X
1800	1200	400	1694	1094	EKDS18124-4X
1800	1600	400	1694	1494	EKDS18164-4X
2000	1200	400	1894	1094	EKDS20124-4X
2000	1600	400	1894	1494	EKDS20164-4X

Individual doors with vertical divider version.

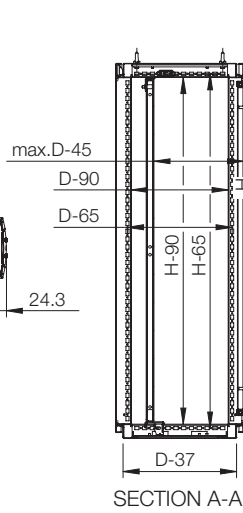
Front view



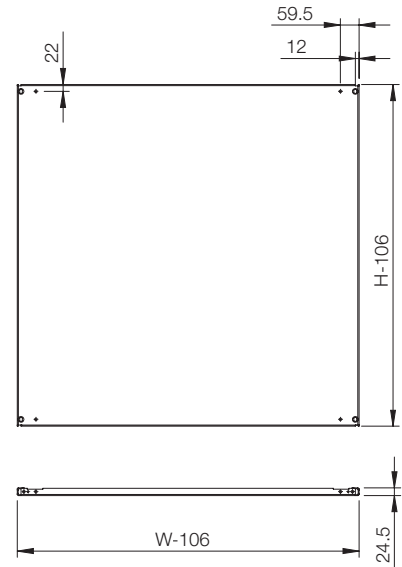
Side view



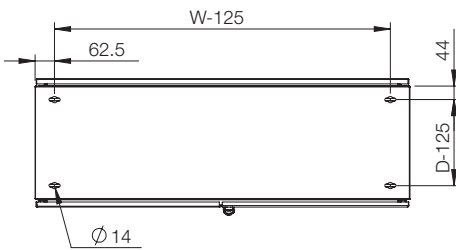
Sectional side view



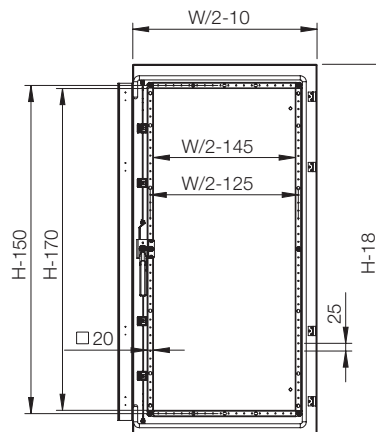
Mounting plate view



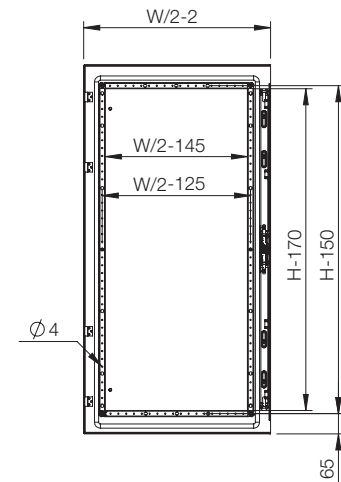
Top view



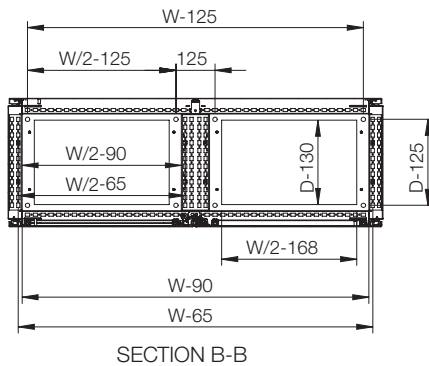
Inside left door view




Inside right door view



Sectional top view (without bottom plates)


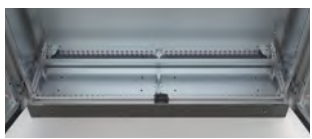


Accessories selection matrix | EKDS

										
Enclosure				Mounting						
	H	W	D	Mounting plate	Mounting profile, in H	Mounting profile, in W	Mounting profile, in D *	Click in profile, in W	Click in profile, in D	Side mounting bar
EKDS12124	1200	1200	400	MP1212	CLPF1200	CLPF1200	CLPF400	CLPK1200	CLPK400	CMB402
EKDS16124	1600	1200	400	MP1612	CLPF1600	CLPF1600	CLPF400	CLPK1200	CLPK400	CMB402
EKDS18124	1800	1200	400	MP1812	CLPF1800	CLPF1200	CLPF400	CLPK1200	CLPK400	CMB402
EKDS18164	1800	1600	400	MP1816	CLPF1800	CLPF1600	CLPF400	-	CLPK400	CMB402
EKDS20124	2000	1200	400	MP2012	CLPF2000	CLPF1200	CLPF400	CLPK1200	CLPK400	CMB402
EKDS20164	2000	1600	400	MP2016	CLPF2000	CLPF1600	CLPF400	-	CLPK400	CMB402

* For compact (EKSS/EKDS) the CLPF in depth or a CLPK in width should be used in combination with CAK02 (Profile bracket for compact enclosures).

							
Enclosure				Fixing			
	H	W	D	Front/rear plinths (100 mm height)	Plinth side panels (100 mm height)	Front/rear plinths (200 mm height)	Plinth side panels (200 mm height)
EKDS12124	1200	1200	400	PFS1120	PSS1040	PFS2120	PSS2040
EKDS16124	1600	1200	400	PFS1120	PSS1040	PFS2120	PSS2040
EKDS18124	1800	1200	400	PFS1120	PSS1040	PFS2120	PSS2040
EKDS18164	1800	1600	400	2x PFS1080	PSS1040	2x PFS2080	PSS2040
EKDS20124	2000	1200	400	PFS1120	PSS1040	PFS2120	PSS2040
EKDS20164	2000	1600	400	2x PFS1080	PSS1040	2x PFS2080	PSS2040

						
Enclosure				Doors		Cable
	H	W	D	Plain door, left *	Plain door, right *	Cable fixing bar (mounted above bottom plates) **
EKDS12124	1200	1200	400	DNSS1212L	DNSS1212R	CAB1200/2x CAB600
EKDS16124	1600	1200	400	DNSS1612L	DNSS1612R	CAB1200/2x CAB600
EKDS18124	1800	1200	400	DNSS1812L	DNSS1812R	CAB1200/2x CAB600
EKDS18164	1800	1600	400	DNSS1816L	DNSS1816R	-
EKDS20124	2000	1200	400	DNSS2012L	DNSS2012R	CAB1200/2x CAB600
EKDS20164	2000	1600	400	DNSS2016L	DNSS2016R	-

* DNMSK is required for each additional door.
 ** Optionally use 2 x CAB600.

01

Floor Standing Enclosures

1







Accessories

For steel enclosures

01

Floor Standing Enclosures

Mounting plate.....	98
Profiles.....	110
19".....	126
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Doors.....	176
Locking systems.....	192
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Baying.....	217
Lifting.....	221
Ventilation.....	223
Cabling.....	226
Earthing.....	233
Protection.....	235



Floor Standing Steel Range

Accessories | Mounting plate

Steel mounting plate, MP

Mild steel,
combinable enclosures

MCS / MCD

		Required accessories	Page
FIXATION	Flush with frame, MP included in the enclosure	<i>Additional accessories not required</i>	N/A
	Flush with frame, MP not included in the enclosure	Mounting plate brackets, MPA04	103
	Adjustable in depth, MP included in the enclosure	Adjustment bracket, MPD02	103
	Adjustable in depth, MP not included in the enclosure	Mounting plate brackets, MPA06	103
	Side mounting plate	Side mounting plate brackets, MPS04	104
	Additional mounting plate	Mounting plate brackets, MPA06	103
	Back to back mounting plate	Back to back MP brackets, MPBB06	104
HINGED	Total height mounting plate	Mounting plate hinge kit, MPH01 Carrier bars, CB	105 124
	Partial height mounting plate	Mounting plate hinge kit, MPH01 Carrier bars, CB Mounting profile in depth, CLPK/CLPF . 4 pcs	105 124 118
REINFORCEMENT	Fixation reinforcement, for flush mounting	Flush MP reinforcement brackets, MPEF	109
	Fixation reinforcement, when no flush mounting	MP reinforcement brackets, MPE Side mounting bars in depth, CMB . 2 pcs	108 122
	Mounting plate reinforcement	MP reinforcement profile, MPR	109
BAYED ENCLOSURES	Mounting plate for a continuous mounting surface, flush with the frame	<i>Not available</i>	N/A
	Mounting plate for a continuous mounting surface, not flush with the frame	Filler plate, MPF . One per enclosure joining	105

Mild steel,
compact enclosures

MKS / MKD

Stainless steel,
combinable enclosures

MCSS / MCDS

Stainless steel,
compact enclosures

EKSS / EKDS

Required accessories	Page	Required accessories	Page	Required accessories	Page
<i>Additional accessories not required</i>	N/A	<i>Additional accessories not required</i>	N/A	<i>Additional accessories not required</i>	N/A
Mounting plate brackets, MPA04	103	Mounting plate brackets, MPA04	103	Mounting plate brackets, MPA04	103
Adjustment bracket, MPD02	103	Adjustment bracket, MPD02	103	Adjustment bracket, MPD02	103
Mounting plate brackets, MPA06	103	Mounting plate brackets, MPA06	103	Mounting plate brackets, MPA06	103
<i>Not available</i>	N/A	Side mounting plate brackets, MPS04	104	<i>Not available</i>	N/A
Mounting plate brackets, MPA06	103	Mounting plate brackets, MPA06	103	Mounting plate brackets, MPA06	103
Back to back MP brackets, MPBB06	104	Back to back MP brackets, MPBB06	104	Back to back MP brackets, MPBB06	104
Mounting plate hinge kit, MPH01 Carrier bars, CB	105 124	Mounting plate hinge kit, MPH01 Carrier bars, CB	105 124	Mounting plate hinge kit, MPH01 Carrier bars, CB	105 124
Mounting plate hinge kit, MPH01 Carrier bars, CB Mounting profile in depth, CLPK . 4 pcs	105 124 118	Mounting plate hinge kit, MPH01 Carrier bars, CB Mounting profile in depth, CLPK/CLPF . 4 pcs	105 124 118	Mounting plate hinge kit, MPH01 Carrier bars, CB Mounting profile in depth, CLPK . 4 pcs	105 124 118
Flush MP reinforcement brackets, MPEF Profile bracket, CAK02	109 120	Flush MP reinforcement brackets, MPEF	109	Flush MP reinforcement brackets, MPEF Profile bracket, CAK02	109 120
MP reinforcement brackets, MPE Side mounting bars in depth, CMB . 2 pcs	108 122	MP reinforcement brackets, MPE Side mounting bars in depth, CMB . 2 pcs	102 122	MP reinforcement brackets, MPE Side mounting bars in depth, CMB . 2 pcs	102 122
MP reinforcement profile, MPR	109	MP reinforcement profile, MPR	109	MP reinforcement profile, MPR	109
<i>Not available</i>	N/A	<i>Not available</i>	N/A	<i>Not available</i>	N/A
<i>Not available</i>	N/A	Filler plate, MPF . One per enclosure joining	105	<i>Not available</i>	N/A

Floor Standing Steel Range

Accessories | Mounting plate

Wide steel mounting plate, MPW

Mild steel,
combinable enclosures

MCS / MCD

		Required accessories	Page
FIXATION	Flush with frame	<i>Not available</i>	N/A
	Adjustable in depth	Transversal sliding profiles, MTS	108
REINFORCEMENT	Mounting plate reinforcement	MP reinforcement profiles, MPWR	109

Partial steel mounting plate, MPP

Mild steel,
combinable enclosures

MCS / MCD

		Required accessories	Page
FIXATION	Flush with frame	<i>Additional accessories not required</i>	N/A
	Adjustable in depth	Mounting profile in depth, CLPK/CLPF . 4 pcs	118
	Side fixation, flush with the frame	<i>Additional accessories not required</i>	N/A
HINGED	Front fixation adjustable in depth	Mounting plate hinge kit, MPH01 Carrier bars, CB Mounting profile in depth, CLPK/CLPF . 4 pcs	105 124 118
	Side fixation adjustable in depth	Mounting plate hinge kit, MPH01 Carrier bars, CB Mounting profile in width, CLPK/CLPF . 4 pcs	105 124 118

Mild steel,
compact enclosures

MKS / MKD

Required accessories	Page
Not available	N/A
Not available	N/A
Not available	N/A

Stainless steel,
combinable enclosures

MCSS / MCDS

Required accessories	Page
Not available	N/A
Transversal sliding profiles, MTS	108
MP reinforcement profiles, MPWR	109

Stainless steel,
compact enclosures

EKSS / EKDS

Required accessories	Page
Not available	N/A
Not available	N/A
Not available	N/A

Mild steel,
compact enclosures

MKS / MKD

Required accessories	Page
Additional accessories not required	N/A
Mounting profile in depth, CLPK . 4 pcs	118
Not available	N/A
Mounting plate hinge kit, MPH01 Carrier bars, CB Mounting profile in depth, CLPK . 4 pcs	105 124 118
Not available	N/A

Stainless steel,
combinable enclosures

MCSS / MCDS

Required accessories	Page
Additional accessories not required	N/A
Mounting profile in depth, CLPK/CLPF . 4 pcs	118
Additional accessories not required	N/A
Mounting plate hinge kit, MPH01 Carrier bars, CB Mounting profile in depth, CLPK/CLPF . 4 pcs	105 124 118
Mounting plate hinge kit, MPH01 Carrier bars, CB Mounting profile in width, CLPK/CLPF . 4 pcs	105 124 118

Stainless steel,
compact enclosures

EKSS / EKDS

Required accessories	Page
Additional accessories not required	N/A
Mounting profile in depth, CLPK . 4 pcs	118
Not available	N/A
Mounting plate hinge kit, MPH01 Carrier bars, CB Mounting profile in depth, CLPK . 4 pcs	105 124 118
Not available	N/A

Floor Standing Enclosures

Steel Range

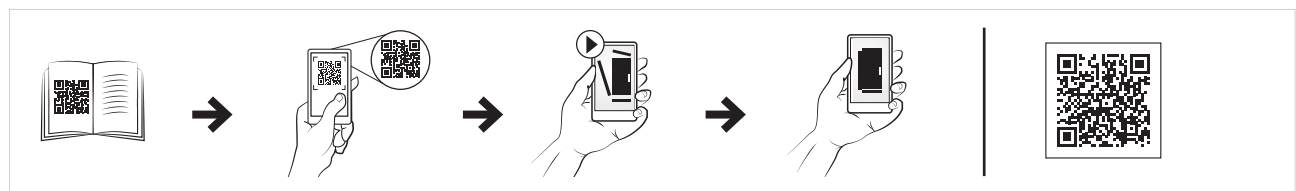
Accessories

Mounting plates, MP

- Description:** Standard mounting plate. It can also be mounted on the side of an enclosure by using MPS kit or slid in from the side with the MTS profile. For heavy loads in vibrating environments use mounting plate reinforcement profile MPR and MPE or MPEF brackets.
- Material:** 3 mm galvanized steel.
- Pack quantity:** 1 piece.
- Maximum load:** 6000 N.
- Mounting requirement:** Use MPA for mounting the MP inside the enclosure. Adjustable in depth with MPD accessory.

For enclosure		Mounting plate dimensions		Item no.
H	W	h	w	
1200	600	1094	494	MP1206
1200	800	1094	694	MP1208
1200	1200	1094	894	MP1212
1400	600	1294	494	MP1406
1400	800	1294	694	MP1408
1400	1000	1294	894	MP1410
1400	1200	1294	1094	MP1412
1600	600	1494	494	MP1606
1600	800	1494	694	MP1608
1600	1000	1494	894	MP1610
1600	1200	1494	1094	MP1612
1800	400	1694	294	MP1804
1800	500	1694	394	MP1805
1800	600	1694	494	MP1806
1800	800	1694	694	MP1808
1800	1000	1694	894	MP1810
1800	1200	1694	1094	MP1812
1800	1600	1694	1494	MP1816
2000	400	1894	294	MP2004
2000	500	1894	394	MP2005
2000	600	1894	494	MP2006
2000	800	1894	694	MP2008
2000	1000	1894	894	MP2010
2000	1200	1894	1094	MP2012
2000	1600	1894	1494	MP2016
2200	600	2094	494	MP2206
2200	800	2094	694	MP2208
2200	1000	2094	894	MP2210
2200	1200	2094	1094	MP2212

500 mm width mounting plates for side mounting available on request.
 1600 mm wide mounting plates are supplied as two 800 mm wide mounting plates along with a MPF filler plate.



Mounting plate brackets, MPA

- Description:** To fix mounting plates in the enclosure, including brackets for depth adjustment in steps of 25 mm. Brackets are needed when an extra mounting plate is required or when the enclosure is ordered without mounting plate (PE).
- Material:** 3 mm zinc plated steel.
- Pack quantity:** 2 top brackets, 2 bottom sliding brackets and 2 adjustment brackets with mounting accessories.

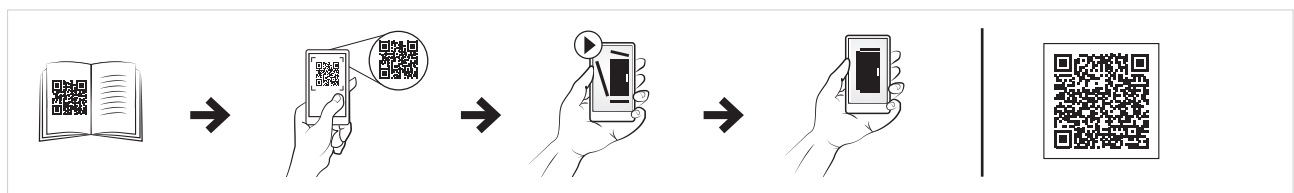
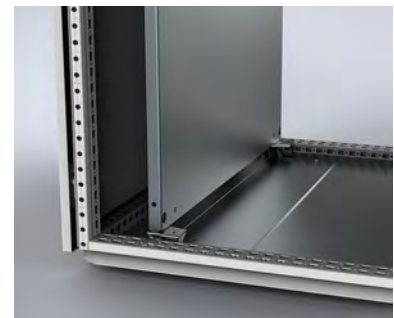
Item no.
MPA06



Mounting plate adjustment brackets, MPD

- Description:** Brackets to adjust the mounting plate in depth by steps of 25 mm in the enclosure frame.
- Material:** 3 mm zinc plated steel.
- Pack quantity:** 2 brackets with mounting accessories.

Item no.
MPD02



Mounting brackets rear fixing, MPA

- Description:** To fix mounting plates in the enclosure, including brackets for depth adjustment in steps of 25 mm. Brackets are needed when an extra mounting plate is required or when the enclosure is ordered without mounting plate (PE).
- Material:** 3 mm zinc plated steel.
- Pack quantity:** 2 top brackets, 2 bottom sliding brackets and 2 adjustment brackets with mounting accessories.

Item no.
MPA04



Floor Standing Enclosures

Steel Range

Accessories

Mounting plate back to back bracket kit, MPBB

- Description:** To mount two mounting plates back to back at any depth within the enclosure's usable space, the position can be adjusted in steps of 25 mm. The space between the mounting plates is less than 10 mm, maximizing the free usable space for customer use.
- Material:** 3 mm zinc plated steel.
- Pack quantity:** 2 top brackets, 4 side brackets, 4 bottom brackets with mounting accessories.

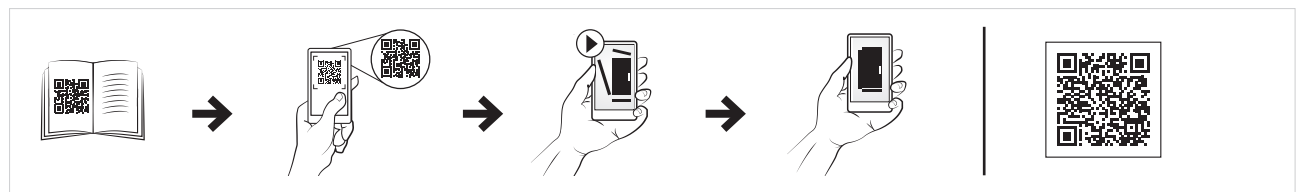
Item no.
MPBB06



Side mounting plate brackets, MPS

- Description:** To mount the standard mounting plate on the side of the enclosure's frame. Provides a mounting surface that is flush with the profiles.
- Material:** 3 mm zinc plated steel.
- Pack quantity:** 4 brackets with mounting accessories.

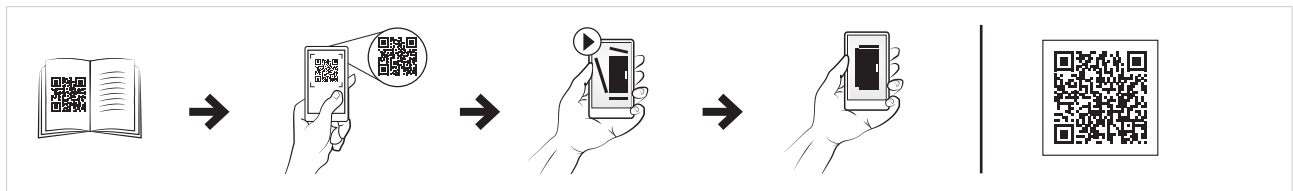
Item no.
MPS04



Mounting plate hinge kit, MPH

- Description:** Allows the mounting plate to be opened up to 105°.
- Pack quantity:** 1 complete kit with accessories for one mounting plate.
- Mounting requirement:** Always use in combination with the CB carrier bar.

Item no.
MPH01



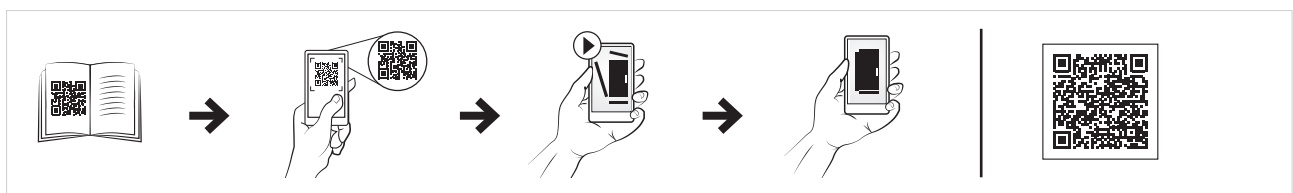
Filler plates, MPF

- Description:** Covers the space between pairs of adjacent mounting plates to provide a continuous working surface, when two enclosures are mounted together.
- Material:** 2 mm zinc plated steel.
- Pack quantity:** 1 plate with mounting accessories.

For enclosure	
H	Item no.
1800	MPF1800
2000	MPF2000
2200	MPF2200



For bayed configurations MPD02 must be used along with the fixation brackets supplied with the enclosure and mounting plate. MPA06 must be used if the enclosure comes without fixation brackets. MPF cannot be used with mounting plates if they are installed in the most rear position.



Floor Standing Enclosures

Steel Range

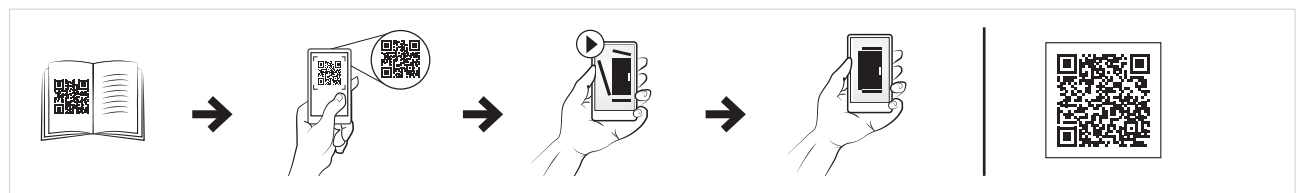
Accessories

Partial height mounting plates, MPP

- Description:** Mounted directly on the enclosure's frame or onto the click-in profiles (CLPK). Special design of the bracket allows one man mounting. Can be mounted in any height or depth position within the 25 mm hole pattern. Appropriate sizes can also be used on the sides of the enclosure.
- Material:** 3 mm galvanized steel.
- Pack quantity:** 1 plate with mounting accessories.
- Mounting requirement:** Add CLPK for depth adjustment.
- Note:** MPP can be mounted in both directions.



For enclosure		Mounting plate dimensions		
H/W	W/H	h/w	w/h	Item no.
400	400	294	294	MPP0404
400	500	294	394	MPP0405
600	400	494	294	MPP0604
600	500	494	394	MPP0605
600	600	494	494	MPP0606
600	800	494	694	MPP0608
600	1000	494	894	MPP0610
800	400	694	294	MPP0804
800	500	694	394	MPP0805
800	800	694	694	MPP0808
1000	400	894	294	MPP1004
1000	800	894	694	MPP1008
1200	400	1094	294	MPP1204
1200	600	1094	494	MPP1206



Wide mounting plate, MPW

Description: Creates an installation surface over the full width of the enclosure. Easy installation by use of sliding profiles MTS from the side. Nominal width equals the enclosure width. When combining enclosures the MPWs can be connected and slid in as one installation surface. Can not be mounted in the farthest position.

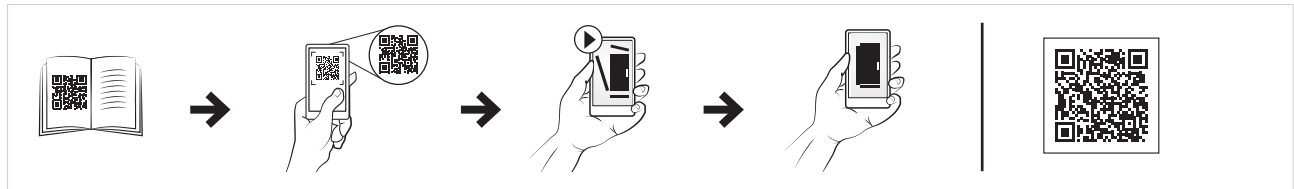
Material: 3 mm galvanized steel.

Pack quantity: 1 piece with mounting accessories.

Mounting requirement: Add sliding profiles MTS. MPW fits in combinable enclosures only.

For enclosure		
H	W	Item no.
1800	500	MPW1805
1800	600	MPW1806
1800	800	MPW1808
1800	1000	MPW1810
1800	1200	MPW1812
1800	1600	MPW1816*
2000	500	MPW2005
2000	600	MPW2006
2000	800	MPW2008
2000	1000	MPW2010
2000	1200	MPW2012
2000	1600	MPW2016*

*MPW1816, MPW2016 - 2 pieces of 800 mm width + filler plate + mounting facilities.



Floor Standing Enclosures

Steel Range

Accessories

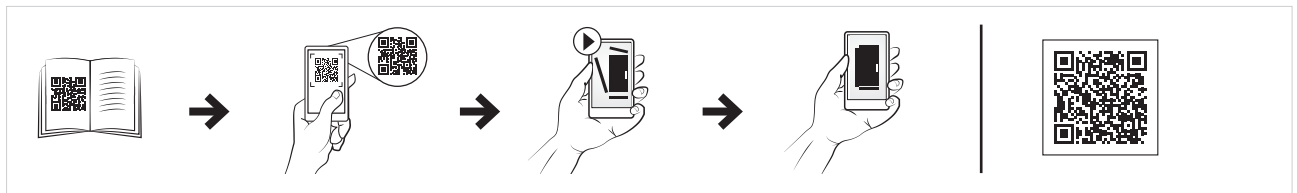
Transversal sliding profiles, MTS

Description: To be used when installing a wide mounting plate. Adjustable in depth in steps of 25 mm.

Material: 3 mm zinc plated steel.

Pack quantity: 2 profiles with mounting accessories.

For enclosure		
W		Item no.
500		MTS500
600		MTS600
800		MTS800
1000		MTS1000
1200		MTS1200
1600		MTS1600



Mounting plate fixing bracket, MPE

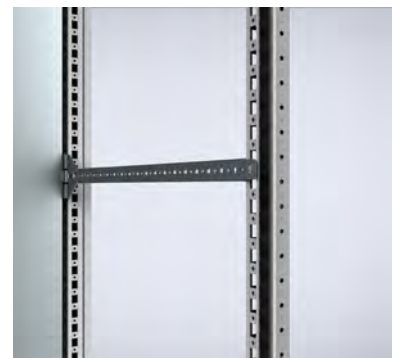
Description: For extra support of the mounting plate in the middle, in addition to the normal top and bottom fixing.

Material: 3 mm zinc plated steel.

Pack quantity: 10 pieces.

Mounting requirement: Add CMB profiles.

Item no.
MPE10



Flush mounting plate fixing bracket, MPEF

Description: For extra fixing of a heavily equipped mounting plate in the far rear position. Mounted directly to the enclosure frame for extra stability. Easy mounting without drilling. Can be fixed from the front even after the mounting plate is already in position. The combination with an MPR profile is advised.

Material: 3 mm zinc plated steel.

Pack quantity: 10 pieces with mounting accessories.

Item no.
MPEF10



Mounting plate reinforcement profile, MPR

Description: Reinforcing a mounting plate (MP) when heavily equipped. For dampening of vibrations and stabilization. Easy mounting without drilling. In order to achieve maximum damping, fixing of the mounting plate to the profile is advised.

Material: 2 mm galvanized steel.

Pack quantity: 2 profiles with mounting accessories.

For enclosure		Item no.
W		
1000		MPR1000
1200		MPR1200
1600		MPR1600



Mounting plate reinforcement profiles, MPWR

Description: Reinforcing a wide mounting plate (MPW) when heavily equipped. For dampening of vibrations and stabilization. Easy mounting without drilling. In order to obtain maximum damping, fixing of the mounting plate to the profile is advised.

Material: 2 mm galvanized steel.

Pack quantity: 2 profiles with mounting accessories.

For enclosure		Item no.
W		
1000		MPWR1000
1200		MPWR1200



Floor Standing Steel Range

Accessories | Profiles

Click-in profiles, CLPK

Mild steel,
combinable enclosures

MCS / MCD

		Required accessories	Page
FIXATION IN WIDTH	Full width, flush with the front/rear enclosure frame	<i>Additional accessories not required</i>	N/A
	Full width, adjustable in depth	Mounting profile in height, CLPF (2 pcs)	119
	Partial width, flush with the front/rear enclosure frame	Mounting profile in height, CLPF (1 pc)	119
	Partial width, adjustable in depth	Mounting profile in height, CLPF (2 pcs) Mounting profile in depth, CLPF (2 pcs)	119 119
FIXATION IN DEPTH	Full depth, flush with the side of the enclosure frame	<i>Additional accessories not required</i>	N/A
	Full depth, adjustable in width	Mounting profile in height, CLPF (2 pcs)	119
	Partial depth, flush with side enclosure frame	Mounting profile in height, CLPF (1 pc)	119
	Partial depth, adjustable in width	Mounting profile in height, CLPF (2 pcs) Mounting profile in width, CLPF (2 pcs)	119 119

Mild steel,
compact enclosures

MKS / MKD

Stainless steel,
combinable enclosures

MCSS / MCDS

Stainless steel,
compact enclosures

EKSS / EKDS

Required accessories	Page	Required accessories	Page	Required accessories	Page
<i>Not available</i>	N/A	<i>Additional accessories not required</i>	N/A	<i>Not available</i>	N/A
<i>Not available</i>	N/A	Mounting profile in height, CLPF (2 pcs)	119	Mounting profile in height, CLPF (2 pcs)	119
Mounting profile in height, CLPF (2 pcs)	119	Mounting profile in height, CLPF (1 pc)	119	Mounting profile in height, CLPF (2 pcs)	119
Mounting profile in height, CLPF (2 pcs) Mounting profile in depth, CLPF (4 pcs)	119 119	Mounting profile in height, CLPF (2 pcs) Mounting profile in depth, CLPF (2 pcs)	119 119	Mounting profile in height, CLPF (2 pcs) Mounting profile in depth, CLPF (4 pcs)	119 119
<i>Additional accessories not required</i>	N/A	<i>Additional accessories not required</i>	N/A	<i>Additional accessories not required</i>	N/A
Mounting profile in height, CLPF (2 pcs)	119	Mounting profile in height, CLPF (2 pcs)	119	Mounting profile in height, CLPF (2 pcs)	119
<i>Not available</i>	N/A	Mounting profile in height, CLPF (1 pc)	119	Mounting profile in height, CLPF (1 pc)	119
Mounting profile in height, CLPF (2 pcs) Mounting profile in width, CLPF (2 pcs)	119 119	Mounting profile in height, CLPF (2 pcs) Mounting profile in width, CLPF (2 pcs)	119 119	Mounting profile in height, CLPF (2 pcs) Mounting profile in width, CLPF (2 pcs)	119 119

Floor Standing Steel Range

Accessories | Profiles

Mounting profile, CLPF

Mild steel,
combinable enclosures

MCS / MCD

Required accessories

Page

		Required accessories	Page
FIXATION IN HEIGHT	Full height, flush with the front/rear enclosure frame	<i>Additional accessories not required</i>	N/A
	Full height, flush with the side enclosure frame	<i>Additional accessories not required</i>	N/A
	Full height, adjustable in depth and width	Mounting profile in depth, CLPF (2 pcs)	119
	Partial height, flush with the front/rear enclosure frame	Mounting profile in width, CLPF (2 pcs)	119
	Partial height, flush with the side enclosure frame	Mounting profile in depth, CLPF (2 pcs)	119
	Partial height, adjustable in depth and width	Mounting profile in width, CLPF (4 pcs) Mounting profile in depth, CLPF (2 pcs)	119 119
FIXATION IN WIDTH	Full width, flush with the front/rear enclosure frame	<i>Additional accessories not required</i>	N/A
	Full width, adjustable in depth and height	Mounting profile in depth, CLPF (2 pcs)	119
	Partial width, flush with the front/rear enclosure frame	Mounting profile in height, CLPF (2 pcs)	119
	Partial width, adjustable in depth and height	Mounting profile in depth, CLPF (4 pcs) Mounting profile in height, CLPF (2 pcs)	119 119
FIXATION IN DEPTH	Full depth, flush with the side of the enclosure frame	<i>Additional accessories not required</i>	N/A
	Full depth, adjustable in height	Mounting profile in width, CLPF (2 pcs)	119
	Partial depth, flush with side enclosure frame	Mounting profile in height, CLPF (2 pcs)	119
	Partial depth, adjustable in width and height	Mounting profile in width, CLPF (4 pcs) Mounting profile in height, CLPF (2 pcs)	119 119

Mild steel,
compact enclosures

MKS / MKD

Stainless steel,
combinable enclosures

MCSS / MCDS

Stainless steel,
compact enclosures

EKSS / EKDS

Required accessories	Page	Required accessories	Page	Required accessories	Page
<i>Additional accessories not required</i>	N/A	<i>Additional accessories not required</i>	N/A	<i>Additional accessories not required</i>	N/A
<i>Not available</i>	N/A	<i>Additional accessories not required</i>	N/A	<i>Additional accessories not required</i>	N/A
Mounting profile in depth, CLPF (2 pcs)	119	Mounting profile in depth, CLPF (2 pcs)	119	<i>Not available</i>	N/A
Mounting profile in width, CLPF (2 pcs)	119	Mounting profile in width, CLPF (2 pcs)	119	Mounting profile in width, CLPF (2 pcs)	119
Click-in profile in depth, CLPK (2 pcs)	118	Mounting profile in depth, CLPF (2 pcs)	119	Click-in profile in depth, CLPK (2 pcs)	118
Mounting profile in width, CLPF (4 pcs) Mounting profile in depth, CLPF (2 pcs)	119 119	Mounting profile in width, CLPF (4 pcs) Mounting profile in depth, CLPF (2 pcs)	119 119	Mounting profile in width, CLPF (4 pcs) Mounting profile in depth, CLPF (2 pcs)	119 119
<i>Additional accessories not required</i>	N/A	<i>Additional accessories not required</i>	N/A	<i>Additional accessories not required</i>	N/A
Click-in profile in depth, CLPK (2 pcs)	118	Mounting profile in depth, CLPF (2 pcs)	119	Click-in profile in depth, CLPK (2 pcs)	118
Mounting profile in height, CLPF (2 pcs)	119	Mounting profile in height, CLPF (2 pcs)	119	Mounting profile in height, CLPF (2 pcs)	119
Mounting profile in depth, CLPF (4 pcs) Mounting profile in height, CLPF (2 pcs)	119 119	Mounting profile in depth, CLPF (4 pcs) Mounting profile in height, CLPF (2 pcs)	119 119	<i>Not available</i>	N/A
<i>Not available</i>	N/A	<i>Additional accessories not required</i>	N/A	<i>Not available</i>	N/A
Mounting profile in width, CLPF (2 pcs)	119	Mounting profile in width, CLPF (2 pcs)	119	Mounting profile in width, CLPF (2 pcs)	119
<i>Not available</i>	N/A	Mounting profile in height, CLPF (2 pcs)	119	Mounting profile in height, CLPF (2 pcs)	119
Mounting profile in width, CLPF (4 pcs) Mounting profile in height, CLPF (2 pcs)	119 119	Mounting profile in width, CLPF (4 pcs) Mounting profile in height, CLPF (2 pcs)	119 119	Mounting profile in width, CLPF (4 pcs) Mounting profile in height, CLPF (2 pcs)	119 119

Floor Standing Steel Range

Accessories | Profiles

Carrier bars, CB

Mild steel,
combinable enclosures

MCS / MCD

		Required accessories	Page
FIXATION IN WIDTH	Full width, flush with the bottom enclosure frame	<i>Additional accessories not required</i>	N/A
	Full width, adjustable in height	Mounting profile in depth, CLPF (2 pcs) or Click-in profile in depth, CLPK (2 pcs)	119 118
	Partial width, flush with the bottom enclosure frame	Mounting profile in depth, CLPF (1 or 2 pcs)	119
	Partial width, adjustable in height	Mounting profile in height, CLPF (2 or 4 pcs) Mounting profile in depth, CLPF (2 pcs)	119 119
FIXATION IN DEPTH	Full depth, flush with the bottom of the enclosure frame	<i>Additional accessories not required</i>	N/A
	Full depth, adjustable in width	Mounting profile in width, CLPF (2 pcs) or Click-in profile in width, CLPK (2 pcs)	119 118
	Partial depth, flush with bottom enclosure frame	Mounting profile in width, CLPF (1 or 2 pcs)	119
	Partial depth, adjustable in height	Mounting profile in height, CLPF (2 or 4 pcs) Mounting profile in width, CLPF (2 pcs)	119 119

Mild steel,
compact enclosures

MKS / MKD

Stainless steel,
combinable enclosures

MCSS / MCDS

Stainless steel,
compact enclosures

EKSS / EKDS

Required accessories	Page	Required accessories	Page	Required accessories	Page
<i>Additional accessories not required</i>	N/A	<i>Additional accessories not required</i>	N/A	<i>Additional accessories not required</i>	N/A
Click-in profile in depth, CLPK (2 pcs)	118	Mounting profile in depth, CLPF (2 pcs) or Click-in profile in depth, CLPK (2 pcs)	119 118	Click-in profile in depth, CLPK (2 pcs)	118
Mounting profile in depth, CLPF (1 or 2 pcs)	119	Mounting profile in depth, CLPF (1 or 2 pcs)	119	<i>Not available</i>	N/A
Mounting profile in height, CLPF (2 pcs) Mounting profile in depth, CLPF (2 pcs)	119 119	Mounting profile in height, CLPF (2 pcs) Mounting profile in depth, CLPF (2 pcs)	119 119	Mounting profile in height, CLPF (2 pcs) Mounting profile in depth, CLPF (2 pcs)	119 119
<i>Additional accessories not required</i>	N/A	<i>Additional accessories not required</i>	N/A	<i>Additional accessories not required</i>	N/A
Mounting profile in width, CLPF (2 pcs)	119	Mounting profile in width, CLPF (2 pcs) or Click-in profile in width, CLPK (2 pcs)	119 118	Mounting profile in width, CLPF (2 pcs)	119
Mounting profile in width, CLPF (1 or 2 pcs)	119	Mounting profile in width, CLPF (1 or 2 pcs)	119	Mounting profile in width, CLPF (1 or 2 pcs)	119
<i>Not available</i>	N/A	Mounting profile in height, CLPF (2 or 4 pcs) Mounting profile in width, CLPF (2 pcs)	119 119	Mounting profile in height, CLPF (2 or 4 pcs) Mounting profile in width, CLPF (2 pcs)	119 119

Floor Standing Steel Range

Accessories | Profiles

Heavy duty carrier bars, CBU

Mild steel,
combinable enclosures

MCS / MCD

Required accessories			Page
FIXATION IN WIDTH	Full width, flush with the bottom enclosure frame	<i>Additional accessories not required</i>	N/A
	Full width, adjustable in height	Mounting profile in depth, CLPF (2 pcs)	119
		or Click-in profile in depth, CLPK (2 pcs)	118
	Partial width, flush with the bottom enclosure frame	Mounting profile in depth, CLPF (1 or 2 pcs)	119
Partial width, adjustable in height	Mounting profile in height, CLPF (2 or 4 pcs)	119	
	Mounting profile in depth, CLPF (2 pcs)	119	
FIXATION IN DEPTH	Full depth, flush with the bottom of the enclosure frame	<i>Additional accessories not required</i>	N/A
	Full depth, adjustable in height	Mounting profile in width, CLPF (2 pcs)	119
		or Click-in profile in width, CLPK (2 pcs)	118
	Partial depth, flush with bottom enclosure frame	Mounting profile in width, CLPF (1 or 2 pcs)	119
Partial depth, adjustable in height	Mounting profile in height, CLPF (2 or 4 pcs)	119	
	Mounting profile in width, CLPF (2 pcs)	119	

Mild steel,
compact enclosures

MKS / MKD

Stainless steel,
combinable enclosures

MCSS / MCDS

Stainless steel,
compact enclosures

EKSS / EKDS

Required accessories	Page	Required accessories	Page	Required accessories	Page
<i>Additional accessories not required</i>	N/A	<i>Additional accessories not required</i>	N/A	<i>Additional accessories not required</i>	N/A
Click-in profile in depth, CLPK (2 pcs)	118	Mounting profile in depth, CLPF (2 pcs) or Click-in profile in depth, CLPK (2 pcs)	119 118	Click-in profile in depth, CLPK (2 pcs)	118
Mounting profile in depth, CLPF (1 or 2 pcs)	119	Mounting profile in depth, CLPF (1 or 2 pcs)	119	<i>Not available</i>	N/A
Mounting profile in height, CLPF (2 pcs) Mounting profile in depth, CLPF (2 pcs)	119 119	Mounting profile in height, CLPF (2 pcs) Mounting profile in depth, CLPF (2 pcs)	119 119	Mounting profile in height, CLPF (2 pcs) Mounting profile in depth, CLPF (2 pcs)	119 119
<i>Additional accessories not required</i>	N/A	<i>Additional accessories not required</i>	N/A	<i>Additional accessories not required</i>	N/A
Mounting profile in width, CLPF (2 pcs)	119	Mounting profile in width, CLPF (2 pcs) or Click-in profile in width, CLPK (2 pcs)	119 118	Mounting profile in width, CLPF (2 pcs)	119
Mounting profile in width, CLPF (1 or 2 pcs)	119	Mounting profile in width, CLPF (1 or 2 pcs)	119	Mounting profile in width, CLPF (1 or 2 pcs)	119
<i>Not available</i>	N/A	Mounting profile in height, CLPF (2 or 4 pcs) Mounting profile in width, CLPF (2 pcs)	119 119	Mounting profile in height, CLPF (2 or 4 pcs) Mounting profile in width, CLPF (2 pcs)	119 119

Floor Standing Enclosures

Steel Range

Accessories

Click-in profile, CLPK

Description: Universal profile for both depth and width fitting on the 25 mm DIN hole pattern of the enclosure's frame or in combination with the CLPF and VB profiles. The 75 mm wide profile is equipped with three rows of holes of which one is turned 90°. This makes it possible to mount the CLPF profiles in both directions. The CLPK can be secured by the use of self tapping screws.

Material: 1.5 mm zinc plated steel.

Pack quantity: 4 profiles.

For enclosure		
W/D	Max. loading	Item no.
300	1600 N	CLPK300
400	1600 N	CLPK400
500	1600 N	CLPK500
600	1600 N	CLPK600
800	1200 N	CLPK800
1000	1200 N	CLPK1000
1200	1000 N	CLPK1200



Mounting profile, CLPF

Description:

The CLPF profile system is a 40 mm wide and 25 mm high profile, which can be mounted in all directions on the enclosure's frame. It can also be used in combination with the CLPK and the VB profiles. By turning the profile it can be used as a standard CP20/40 profile in combination with GLM 40/6 sliding nut, to mount installation material which needs adjusting in depth. The profiles, when mounted onto the enclosure's frame are flush with the enclosure's profiles. Two rows of hole patterns for cage nut fixing and self tapping screws are provided. For 90 mm wide profiles two profiles can be mounted next to each other.

Material:

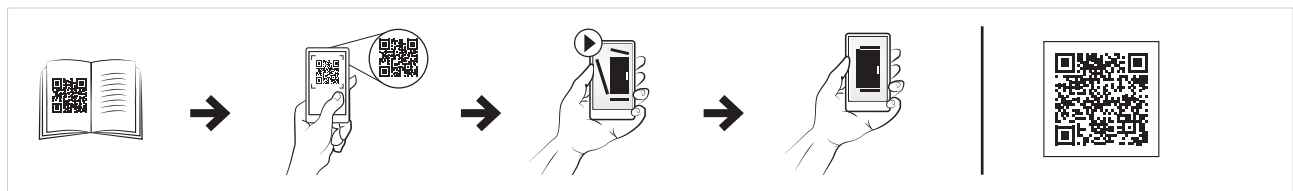
Zinc plated steel.

Pack quantity:

4 profiles including fixing accessories.



For enclosure		Max. loading Horizontal C	Max. loading Horizontal □	Item no.
H/W	W/D			
300	300	800 N	1000 N	CLPF300
400	400	800 N	1000 N	CLPF400
500	500	800 N	1000 N	CLPF500
600	600	800 N	1000 N	CLPF600
800	800	800 N	1000 N	CLPF800
1000	1000	800 N	1000 N	CLPF1000
1200	1200	800 N	1000 N	CLPF1200
1400	1400	Only vertical loads allowed	Only vertical loads allowed	CLPF1400
1600	1600	Only vertical loads allowed	Only vertical loads allowed	CLPF1600
1800	1800	Only vertical loads allowed	Only vertical loads allowed	CLPF1800
2000	2000	Only vertical loads allowed	Only vertical loads allowed	CLPF2000
2200	2200	Only vertical loads allowed	Only vertical loads allowed	CLPF2200



Floor Standing Enclosures

Steel Range

Accessories

Sliding nuts for mounting rails, GLM

Description: Sliding nuts to be used with CP mounting rails and CLPF mounting profiles for easy installation of components.

Material: Zinc plated steel.

Pack quantity: 50 pieces.

Thread	To be used with	Item no.
M6	CP1020, CP1020U, CP2020, CP2020U	GLM20-6P
M8	CP1020, CP1020U, CP2020, CP2020U	GLM20-8P
M6	CP2040, CP2040U, CLPF profiles	GLM40-6P
M8	CP2040, CP2040U, CLPF profiles	GLM40-8P



Profile bracket for compact enclosures, CAK

Description: Profile bracket to extend mounting possibilities on our steel, compact enclosures frame providing an additional mounting surface. The bracket has two round (diameter 4.3 mm) and three square (10x14 mm) holes, alternated on a pitch of 25 mm allowing a flexible approach to the installation of accessories.

Material: 2 mm zinc plated steel.

Pack quantity: 2 pieces with mounting accessories.

Description	Item no.
for MKS, MKD.	CAK02



Vertical dividing bars, VB

- Description:** Fitted in the centre of 1200 mm or 1600 mm wide enclosures (front and rear) to provide standard mounting facilities in two vertical sections of 600 mm or 800 mm. This enables separate fitting of equipment such as swing frames, system profiles, in either section of the enclosure.
- Material:** 2 mm zinc plated steel.
- Pack quantity:** 1 pair without mounting accessories.
- Mounting requirement:** Add VBK for mounting. For complete mounting facilities in the division add VBD.

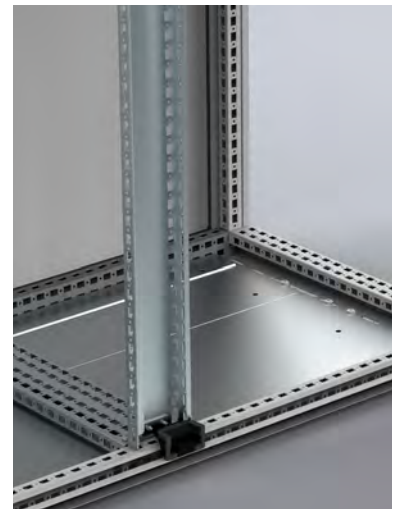
For enclosure		
H		Item no.
1600		VB1600
1800		VB1800
2000		VB2000
2200		VB2200



Depth dividing bars, VBD

- Description:** Fitted in the centre of a 1200 mm or 1600 mm wide enclosure (top and bottom), to provide standard mounting facilities in two sections of 600 mm or 800 mm wide. This enables separate fitting of accessories such as CAB(P), CBU, CLPK, CLPF etc., in either side of the enclosure. Accessories are adjustable in depth within the 25 mm hole pattern.
- Material:** 2 mm zinc plated steel.
- Pack quantity:** 1 pair without mounting accessories.
- Mounting requirement:** Add VBK for mounting. Add VB for complete mounting facilities in the division.

For enclosure		
D		Item no.
400		VBD400
500		VBD500
600		VBD600
800		VBD800



Fixing brackets, VBK

- Description:** Mounting brackets for the VB or VBD in 1200 mm or 1600 mm wide enclosure. It does not interfere with bottom plates.
- Material:** 3 mm zinc plated steel.
- Pack quantity:** 4 pieces with mounting accessories.

For enclosure		
W		Item no.
<1200		VBK04
1200		VBK1200
1600		VBK1600



Floor Standing Enclosures

Steel Range

Accessories

Side mounting bars, CMB

Description: For fixing cables, cable guides, etc, in the depth or the width of an enclosure.

Material: 2 mm zinc plated steel.

Pack quantity: 20 profiles with mounting accessories.

For enclosure	
W/D	Item no.
300	CMB302
400	CMB402
500	CMB502
600	CMB602
800	CMB802



Height profiles, HP

Description: Vertical profiles with 25 mm hole pattern, to support DIN rails and appropriate telequick mounting plates. Adjustable in depth in steps of 25 mm.

Material: 2 mm zinc plated steel.

Pack quantity: 2 profiles with mounting accessories.

For enclosure	
H	Item no.
1600	HP1600
1800	HP1800
2000	HP2000
2200	HP2200



Cage nuts, CNM

Description: Cage nuts designed for universal use on the enclosure frame profiles and the profiles system.

Pack quantity: 50 pieces.

Thread	Item no.
M6	CNM615
M8	CNM815



Screws for clip-on cage nuts, CNS

Description: Socket head screws M6x12 and M8x12 for clip-on cage nuts.

Pack quantity: 250 pieces.

Thread	Item no.
M6	CNS612
M8	CNS812



Extrude-tite screws, CNT

Description: Torx extrude-tite screws for fitting accessories, click in profiles, earthing etc.

Pack quantity: 250 pieces.

Thread	Item no.
M5	CNT05
M6	CNT06



Extrude-tite screws for stainless steel profiles, CNTS

Description: To be used in the DIN pattern of round holes on the stainless steel enclosure frame. Torx extrude-tite screws for fitting accessories.

Pack quantity: 250 pieces.

Thread	Item no.
M5	CNTS05
M6	CNTS06



Floor Standing Enclosures

Steel Range

Accessories

Carrier bars, CB

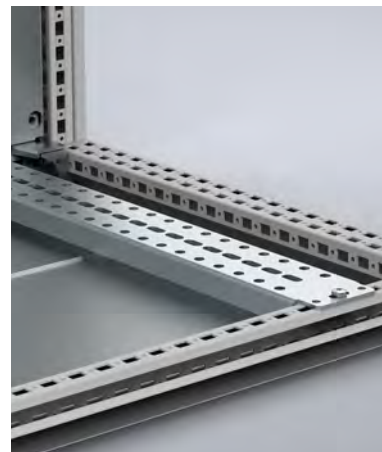
Description: Used for heavy equipment, such as transformers, fitted in the bottom of the enclosure.

Material: 3 mm zinc plated steel.

Pack quantity: 1 pair with mounting accessories.

For enclosure		
W/D	Max. loading	Item no.
400	2500 N	CB400
500	2100 N	CB500
600	1800 N	CB600
800	1300 N	CB800

The maximum load is indicated per bar.



Heavy duty carrier bar, CBU

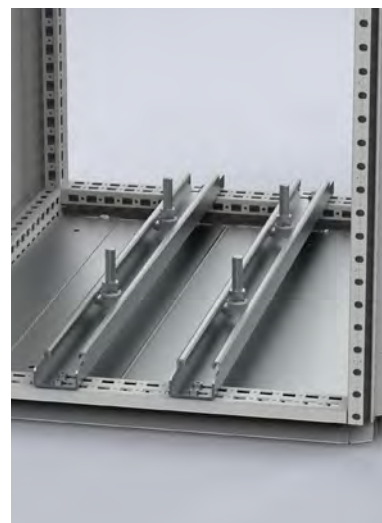
Description: Heavy duty carrier bar for mounting heavy components e.g. transformers. Supplied with T-shaped sliding bolts and equipped with slotted holes for mounting in any position, both in width and depth of the enclosure.

Material: 2.5 mm zinc plated steel.

Pack quantity: 1 pair with mounting accessories and 4 T-shaped sliding bolts.

For enclosure		
W/D	Max. loading	Item no.
400	3000 N	CBU400
500	3000 N	CBU500
600	3000 N	CBU600
800	2250 N	CBU800
1000	1800 N	CBU1000
1200	1500 N	CBU1200

The maximum load is indicated per bar.



Lütze system adaptor profiles, CLS

Description: Adapter to fix the Lütze system direct to the floorstanding, combinable enclosure frame. The width of the Lütze frame equals the enclosure's nominal width minus 22 mm.

Material: 2.5 mm zinc plated steel.

Pack quantity: 6 adapter bars with mounting accessories.

For enclosure	
D	Item no.
400	CLS400
500	CLS500
600	CLS600
800	CLS800



01

Floor Standing Enclosures



1

Floor Standing Steel Range

Accessories | 19" mounting

Swing frame ESFC 600 mm width

Mild steel,
combinable enclosures

MCS / MCD

		Required accessories	Page
FIXATION	Full height swing frame, mounted in the front/rear	Swing frame transversal support bars, ESFB , in width	146
	Full height swing frame, mounted in the side	Swing frame transversal support bars, ESFB , in depth	146
	Partial height swing frame, mounted in the front/rear	Swing frame transversal support bars, ESFB , in width Mounting profile in depth, CLPF 2 pcs	146 119
	Partial height swing frame, mounted in the side	Swing frame transversal support bars, ESFB , in depth Mounting profile in width, CLPF 2 pcs	146 119
	Full height swing frame, mounted in the front/rear of an internally divided 1200/1600 enclosure	Swing frame transversal support bars, ESFB , in width Depth dividing bars, VBD Fixing brackets, VBK	146 121 121
	Partial height swing frame, mounted in the front/rear of an internally divided 1200 width enclosure	Swing frame transversal support bars, ESFB Mounting profile in depth, CLPF 2 pcs Depth dividing bars, VBD Vertical dividing bars, VB Fixing brackets, VBK	146 119 121 121 121
DEPTH ADJUSTMENT	Swing frame adjustable in depth	<i>Additional accessories not required</i>	N/A
HINGED 180°	Full or partial height swing frame 180° hinged	Swing frame hinges 180°, ESFH	146
SUPPORT	Swing frame chassis support	Swing frame chassis support, SFSU	147
DOOR STOP	Full or partial height swing frame door stop 130°	Swing frame door stop 130°, SFD130	147
	Full or partial height swing frame door stop 180°	Swing frame door stop 180°, SFD180	147

Mild steel,
compact enclosures

MKS / MKD

Stainless steel,
combinable enclosures

MCSS / MCDS

Stainless steel,
compact enclosures

EKSS / EKDS

Required accessories	Page	Required accessories	Page	Required accessories	Page
Swing frame transversal support bars, ESFB , in width	146	Swing frame transversal support bars, ESFB , in width	146	Swing frame transversal support bars, ESFB , in width	146
<i>Not available</i>	N/A	Swing frame transversal support bars, ESFB , in depth	146	<i>Not available</i>	N/A
Swing frame transversal support bars, ESFB , in width Click-in profile in depth, CLPK 2 pcs	146 118	Swing frame transversal support bars, ESFB , in width Mounting profile in depth, CLPF 2 pcs	146 119	Swing frame transversal support bars, ESFB , in width Click-in profile in depth, CLPK 2 pcs	146 118
<i>Not available</i>	N/A	Swing frame transversal support bars, ESFB , in depth Mounting profile in width, CLPF 2 pcs	146 119	<i>Not available</i>	N/A
Swing frame transversal support bars, ESFB , in width Depth dividing bars, VBD Fixing brackets, VBK	146 121 121	Swing frame transversal support bars, ESFB , in width Depth dividing bars, VBD Fixing brackets, VBK	146 121 121	<i>Not available</i>	N/A
Swing frame transversal support bars, ESFB Click-in profile in depth, CLPK 2 pcs Depth dividing bars, VBD Vertical dividing bars, VB Fixing brackets, VBK	146 118 121 121 121	Swing frame transversal support bars, ESFB Mounting profile in depth, CLPF 2 pcs Depth dividing bars, VBD Vertical dividing bars, VB Fixing brackets, VBK	146 119 121 121 121	Swing frame transversal support bars, ESFB Click-in profile in depth, CLPK 2 pcs Depth dividing bars, VBD Vertical dividing bars, VB Fixing brackets, VBK	146 118 121 121 121
<i>Additional accessories not required</i>	N/A	<i>Additional accessories not required</i>	N/A	<i>Additional accessories not required</i>	N/A
Swing frame hinges 180°, ESFH	146	Swing frame hinges 180°, ESFH	146	Swing frame hinges 180°, ESFH	146
Swing frame chassis support, SFSU	147	Swing frame chassis support, SFSU	147	Swing frame chassis support, SFSU	147
Swing frame door stop 130°, SFD130	147	Swing frame door stop 130°, SFD130	147	Swing frame door stop 130°, SFD130	147
Swing frame door stop 180°, SFD180	147	Swing frame door stop 180°, SFD180	147	Swing frame door stop 180°, SFD180	147

Floor Standing Steel Range

Accessories | 19" mounting

Middle swing frame ESFM 800 mm width

Mild steel,
combinable enclosures

MCS / MCD

		Required accessories	Page
FIXATION	Full height swing frame, mounted in the front/rear	Swing frame transversal support bars, ESFB , in width	146
	Full height swing frame, mounted in the side	Swing frame transversal support bars, ESFB , in depth	146
	Partial height swing frame, mounted in the front/rear	Swing frame transversal support bars, ESFB , in width Mounting profile in depth, CLPF 2 pcs	146 119
	Partial height swing frame, mounted in the side	Swing frame transversal support bars, ESFB , in depth Mounting profile in width, CLPF 2 pcs	146 119
	Full height swing frame, mounted in the front/rear of an internally divided 1200/1600 enclosure	Swing frame transversal support bars, ESFB , in width Depth dividing bars, VBD Fixing brackets, VBK	146 121 121
	Partial height swing frame, mounted in the front/rear of an internally divided 1600 width enclosure	Swing frame transversal support bars, ESFB Mounting profile in depth, CLPF 2 pcs Depth dividing bars, VBD Vertical dividing bars, VB Fixing brackets, VBK	146 119 121 121 121
DEPTH ADJUSTMENT	Swing frame adjustable in depth	<i>Additional accessories not required</i>	N/A
HINGED 180°	Full or partial height swing frame 180° hinged	<i>Additional accessories not required</i>	N/A
SUPPORT	Swing frame chassis support	Swing frame chassis support, SFSU	147
DOOR STOP	Full or partial height swing frame door stop 130°	Swing frame door stop 130°, SFD130	147
	Full or partial height swing frame door stop 180°	Swing frame door stop 180°, SFD180	147

Mild steel,
compact enclosures

MKS / MKD

Stainless steel,
combinable enclosures

MCSS / MCDS

Stainless steel,
compact enclosures

EKSS / EKDS

Required accessories	Page	Required accessories	Page	Required accessories	Page
Swing frame transversal support bars, ESFB , in width	146	Swing frame transversal support bars, ESFB , in width	146	Swing frame transversal support bars, ESFB , in width	146
<i>Not available</i>	N/A	Swing frame transversal support bars, ESFB , in depth	146	<i>Not available</i>	N/A
Swing frame transversal support bars, ESFB , in width Click-in profile in depth, CLPK 2 pcs	146 118	Swing frame transversal support bars, ESFB , in width Mounting profile in depth, CLPF 2 pcs	146 119	Swing frame transversal support bars, ESFB , in width Click-in profile in depth, CLPK 2 pcs	146 118
<i>Not available</i>	N/A	Swing frame transversal support bars, ESFB , in depth Mounting profile in width, CLPF 2 pcs	146 119	<i>Not available</i>	N/A
Swing frame transversal support bars, ESFB , in width Depth dividing bars, VBD Fixing brackets, VBK	146 121 121	Swing frame transversal support bars, ESFB , in width Depth dividing bars, VBD Fixing brackets, VBK	146 121 121	<i>Not available</i>	N/A
Swing frame transversal support bars, ESFB Click-in profile in depth, CLPK 2 pcs Depth dividing bars, VBD Vertical dividing bars, VB Fixing brackets, VBK	146 118 121 121 121	Swing frame transversal support bars, ESFB Mounting profile in depth, CLPF 2 pcs Depth dividing bars, VBD Vertical dividing bars, VB Fixing brackets, VBK	146 119 121 121 121	Swing frame transversal support bars, ESFB Click-in profile in depth, CLPK 2 pcs Depth dividing bars, VBD Vertical dividing bars, VB Fixing brackets, VBK	146 118 121 121 121
<i>Additional accessories not required</i>	N/A	<i>Additional accessories not required</i>	N/A	<i>Additional accessories not required</i>	N/A
<i>Additional accessories not required</i>	N/A	<i>Additional accessories not required</i>	N/A	<i>Additional accessories not required</i>	N/A
Swing frame chassis support, SFSU	147	Swing frame chassis support, SFSU	147	Swing frame chassis support, SFSU	147
Swing frame door stop 130°, SFD130	147	Swing frame door stop 130°, SFD130	147	Swing frame door stop 130°, SFD130	147
Swing frame door stop 180°, SFD180	147	Swing frame door stop 180°, SFD180	147	Swing frame door stop 180°, SFD180	147

Floor Standing Steel Range

Accessories | 19" mounting

Side swing frame ESFS 800 mm width

Mild steel,
combinable enclosures

MCS / MCD

		Required accessories	Page
FIXATION	Full height swing frame, mounted in the front/rear	Swing frame transversal support bars, ESFB , in width	146
	Full height swing frame, mounted in the side	Swing frame transversal support bars, ESFB , in depth	146
	Partial height swing frame, mounted in the front/rear	Swing frame transversal support bars, ESFB , in width Mounting profile in depth, CLPF 2 pcs	146 119
	Partial height swing frame, mounted in the side	Swing frame transversal support bars, ESFB , in depth Mounting profile in width, CLPF 2 pcs	146 119
	Full height swing frame, mounted in the front/rear of an internally divided 1200/1600 enclosure	Swing frame transversal support bars, ESFB , in width Depth dividing bars, VBD Fixing brackets, VBK	146 121 121
	Partial height swing frame, mounted in the front/rear of an internally divided 1200/1600 width enclosure	Swing frame transversal support bars, ESFB Mounting profile in depth, CLPF 2 pcs Depth dividing bars, VBD Vertical dividing bars, VB Fixing brackets, VBK	146 119 121 121 121
DEPTH ADJUSTMENT	Swing frame adjustable in depth	<i>Additional accessories not required</i>	N/A
HINGED 180°	Full or partial height swing frame 180° hinged	Swing frame hinges 180°, ESFH	146
SUPPORT	Swing frame chassis support	Swing frame chassis support, SFSU	147
DOOR STOP	Full or partial height swing frame door stop 130°	Swing frame door stop 130°, SFD130	147
	Full or partial height swing frame door stop 180°	Swing frame door stop 180°, SFD180	147

Mild steel,
compact enclosures

MKS / MKD

Stainless steel,
combinable enclosures

MCSS / MCDS

Stainless steel,
compact enclosures

EKSS / EKDS

Required accessories	Page	Required accessories	Page	Required accessories	Page
Swing frame transversal support bars, ESFB , in width	146	Swing frame transversal support bars, ESFB , in width	146	Swing frame transversal support bars, ESFB , in width	146
<i>Not available</i>	N/A	Swing frame transversal support bars, ESFB , in depth	146	<i>Not available</i>	N/A
Swing frame transversal support bars, ESFB , in width Click-in profile in depth, CLPK 2 pcs	146 118	Swing frame transversal support bars, ESFB , in width Mounting profile in depth, CLPF 2 pcs	146 119	Swing frame transversal support bars, ESFB , in width Click-in profile in depth, CLPK 2 pcs	146 118
<i>Not available</i>	N/A	Swing frame transversal support bars, ESFB , in depth Mounting profile in width, CLPF 2 pcs	146 119	<i>Not available</i>	N/A
Swing frame transversal support bars, ESFB , in width Depth dividing bars, VBD Fixing brackets, VBK	146 121 121	Swing frame transversal support bars, ESFB , in width Depth dividing bars, VBD Fixing brackets, VBK	146 121 121	<i>Not available</i>	N/A
Swing frame transversal support bars, ESFB Click-in profile in depth, CLPK 2 pcs Depth dividing bars, VBD Vertical dividing bars, VB Fixing brackets, VBK	146 118 121 121 121	Swing frame transversal support bars, ESFB Mounting profile in depth, CLPF 2 pcs Depth dividing bars, VBD Vertical dividing bars, VB Fixing brackets, VBK	146 119 121 121 121	Swing frame transversal support bars, ESFB Click-in profile in depth, CLPK 2 pcs Depth dividing bars, VBD Vertical dividing bars, VB Fixing brackets, VBK	146 118 121 121 121
<i>Additional accessories not required</i>	N/A	<i>Additional accessories not required</i>	N/A	<i>Additional accessories not required</i>	N/A
Swing frame hinges 180°, ESFH	146	Swing frame hinges 180°, ESFH	146	Swing frame hinges 180°, ESFH	146
Swing frame chassis support, SFSU	147	Swing frame chassis support, SFSU	147	Swing frame chassis support, SFSU	147
Swing frame door stop 130°, SFD130	147	Swing frame door stop 130°, SFD130	147	Swing frame door stop 130°, SFD130	147
Swing frame hinges 180°, ESFH	146	Swing frame door stop 180°, SFD180	147	Swing frame door stop 180°, SFD180	147

Floor Standing Steel Range

Accessories | 19" mounting

Small size swing frame, SFCP

Mild steel,
combinable enclosures

MCS / MCD

		Required accessories	Page
FIXATION	Partial height swing frame, mounted in the front/rear and adjustable in height	Partial swing frame support bars, SFBP , in width	149
	Partial height swing frame, mounted in the front/rear and adjustable in height and depth	Partial swing frame support bars, SFBP , in width Mounting profile in height, CLPF 2 pcs	149 119
	Partial height swing frame, mounted in the side and adjustable in height	Partial swing frame support bars, SFBP , in depth	149
	Partial height swing frame, mounted in the side and adjustable in height and width	Partial swing frame support bars, SFBP , in depth Mounting profile in height, CLPF 2 pcs	149 119
	Partial height swing frame, mounted in the front/rear of an internally divided 1200/1600 width enclosure	Partial swing frame support bars, SFBP , in width Depth dividing bars, VBD Vertical dividing bars, VB Fixing brackets, VBK	149 121 121 121
	Partial height swing frame, mounted in the front/rear of an internally divided 1200/1600 width enclosure and adjustable in depth	Partial swing frame support bars, SFBP , in width Mounting profile in height, CLPF 2 pcs Depth dividing bars, VBD Fixing brackets, VBK	149 119 121 121
SUPPORT	Swing frame chassis support	Swing frame chassis support, SFSU	147

Mild steel,
compact enclosures

MKS / MKD

Stainless steel,
combinable enclosures

MCSS / MCDS

Stainless steel,
compact enclosures

EKSS / EKDS

Required accessories	Page	Required accessories	Page	Required accessories	Page
Not available	N/A	Partial swing frame support bars, SFBP , in width	149	Not available	N/A
Not available	N/A	Partial swing frame support bars, SFBP , in width Mounting profile in height, CLPF 2 pcs	149 119	Not available	N/A
Not available	N/A	Partial swing frame support bars, SFBP , in depth	149	Not available	N/A
Not available	N/A	Partial swing frame support bars, SFBP , in depth Mounting profile in height, CLPF 2 pcs	149 119	Not available	N/A
Not available	N/A	Partial swing frame support bars, SFBP , in width Depth dividing bars, VBD Vertical dividing bars, VB Fixing brackets, VBK	149 121 121 121	Not available	N/A
Not available	N/A	Partial swing frame support bars, SFBP , in width Mounting profile in height, CLPF 2 pcs Depth dividing bars, VBD Fixing brackets, VBK	149 119 121 121	Not available	N/A
Not available	N/A	Swing frame chassis support, SFSU	147	Not available	N/A

Floor Standing Steel Range

Accessories | 19" mounting

19" mounting profiles

Mild steel,
combinable enclosures

MCS / MCD

Required accessories

Page

FIXATION IN THE FRONT OR REAR OF THE ENCLOSURE			
	Front and side 19" profiles, centered fixing	19" mounting profiles, CIP Horizontal profiles for centered fixation of 19" profiles, CIB	149 150
	Side 19" profiles, centered fixing	19" mounting profiles, CIPD Horizontal profiles for centered fixation of 19" profiles, CIB	150 150
	Front and side 19" profiles, asymmetric fixing	19" mounting profiles, CIP Horizontal profiles for asymmetric fixation of 19" profiles, CID	149 150
	Side 19" profiles, asymmetric fixing	19" mounting profiles, CIPD Horizontal profiles for asymmetric fixation of 19" profiles, CID	150 150
	Partial front and side 19" profiles, depth adjustable in steps for 600 width enclosures, centered fixing	Partial 19" mounting profiles, CIPP Click-in profile in depth, CLPK 2 pcs	151 118
	Partial front and side 19" profiles, depth adjustable in steps for 800 width enclosures, centered fixing	Partial 19" mounting profiles, CIPP Brackets for fixation of partial 19" profiles, CIC Click-in profile in depth, CLPK 2 pcs	151 151 118
	Partial front and side 19" profiles, continuous depth adjustment for 800 width enclosures, centered fixing	Partial 19" mounting profiles, CIPP Width reducers, CIWR	151 151

Mild steel,
compact enclosures

MKS / MKD

Stainless steel,
combinable enclosures

MCSS / MCDS

Stainless steel,
compact enclosures

EKSS / EKDS

Required accessories	Page	Required accessories	Page	Required accessories	Page
19" mounting profiles, CIP Horizontal profiles for centered fixation of 19" profiles, CIB	149 150	19" mounting profiles, CIP Horizontal profiles for centered fixation of 19" profiles, CIB	149 150	19" mounting profiles, CIP Horizontal profiles for centered fixation of 19" profiles, CIB	149 150
19" mounting profiles, CIPD Horizontal profiles for centered fixation of 19" profiles, CIB	150 150	19" mounting profiles, CIPD Horizontal profiles for centered fixation of 19" profiles, CIB	150 150	19" mounting profiles, CIPD Horizontal profiles for centered fixation of 19" profiles, CIB	150 150
19" mounting profiles, CIP Horizontal profiles for asymmetric fixation of 19" profiles, CID	149 150	19" mounting profiles, CIP Horizontal profiles for asymmetric fixation of 19" profiles, CID	149 150	19" mounting profiles, CIP Horizontal profiles for asymmetric fixation of 19" profiles, CID	149 150
19" mounting profiles, CIPD Horizontal profiles for asymmetric fixation of 19" profiles, CID	150 150	19" mounting profiles, CIPD Horizontal profiles for asymmetric fixation of 19" profiles, CID	150 150	19" mounting profiles, CIPD Horizontal profiles for asymmetric fixation of 19" profiles, CID	150 150
Partial 19" mounting profiles, CIPP Click-in profile in depth, CLPK 2 pcs	151 118	Partial 19" mounting profiles, CIPP Click-in profile in depth, CLPK 2 pcs	151 118	Partial 19" mounting profiles, CIPP Click-in profile in depth, CLPK 2 pcs	151 118
Partial 19" mounting profiles, CIPP Brackets for fixation of partial 19" profiles, CIC Click-in profile in depth, CLPK 2 pcs	151 151 118	Partial 19" mounting profiles, CIPP Brackets for fixation of partial 19" profiles, CIC Click-in profile in depth, CLPK 2 pcs	151 151 118	Partial 19" mounting profiles, CIPP Brackets for fixation of partial 19" profiles, CIC Click-in profile in depth, CLPK 2 pcs	151 151 118
Partial 19" mounting profiles, CIPP Width reducers, CIWR	151 151	Partial 19" mounting profiles, CIPP Width reducers, CIWR	151 151	Partial 19" mounting profiles, CIPP Width reducers, CIWR	151 151

Floor Standing Steel Range

Accessories | 19" mounting

19" mounting profiles

Mild steel,
combinable enclosures

MCS / MCD

		Required accessories	Page
FIXATION FOR THE SIDE OF THE ENCLOSURE	Front and side 19" profiles, centered fixing	19" mounting profiles, CIP Horizontal profiles for centered fixation of 19" profiles, CIB	149 150
	Side 19" profiles, centered fixing	19" mounting profiles, CIPD Horizontal profiles for centered fixation of 19" profiles, CIB	150 150
	Front and side 19" profiles, asymmetric fixing	19" mounting profiles, CIP Horizontal profiles for asymmetric fixation of 19" profiles, CID	149 150
	Side 19" profiles, asymmetric fixing	19" mounting profiles, CIPD Horizontal profiles for asymmetric fixation of 19" profiles, CID	150 150
	Partial front and side 19" profiles, depth adjustable in steps for 600 width enclosures, centered fixing	Partial 19" mounting profiles, CIPP Brackets for fixation of partial 19" profiles, CIC Click-in profile in width, CLPK 2 pcs	151 151 118
	Partial front and side 19" profiles, depth adjustable in steps for 800 width enclosures, centered fixing	Partial 19" mounting profiles, CIPP Brackets for fixation of partial 19" profiles, CIC Click-in profile in width, CLPK 2 pcs	151 151 118
	Partial front and side 19" profiles, continuous depth adjustment for 800 width enclosures, centered fixing	Partial 19" mounting profiles, CIPP Width reducers, CIWR	151 151
FRONT FRAME	Front frame to be used when a door is not required	Front frame covers, FCC	152

Mild steel,
compact enclosures

MKS / MKD

Stainless steel,
combinable enclosures

MCSS / MCDS

Stainless steel,
compact enclosures

EKSS / EKDS

Required accessories	Page	Required accessories	Page	Required accessories	Page
<i>Not available</i>	N/A	19" mounting profiles, CIP Horizontal profiles for centered fixation of 19" profiles, CIB	149 150	<i>Not available</i>	N/A
<i>Not available</i>	N/A	19" mounting profiles, CIPD Horizontal profiles for centered fixation of 19" profiles, CIB	150 150	<i>Not available</i>	N/A
<i>Not available</i>	N/A	19" mounting profiles, CIP Horizontal profiles for asymmetric fixation of 19" profiles, CID	149 150	<i>Not available</i>	N/A
<i>Not available</i>	N/A	19" mounting profiles, CIPD Horizontal profiles for asymmetric fixation of 19" profiles, CID	150 150	<i>Not available</i>	N/A
<i>Not available</i>	N/A	Partial 19" mounting profiles, CIPP Brackets for fixation of partial 19" profiles, CIC Click-in profile in width, CLPK 2 pcs	151 151 118	<i>Not available</i>	N/A
<i>Not available</i>	N/A	Partial 19" mounting profiles, CIPP Brackets for fixation of partial 19" profiles, CIC Click-in profile in width, CLPK 2 pcs	151 151 118	<i>Not available</i>	N/A
<i>Not available</i>	N/A	Partial 19" mounting profiles, CIPP Width reducers, CIWR	151 151	<i>Not available</i>	N/A
Front frame covers, FCC	152	<i>Not available</i>	N/A	<i>Not available</i>	N/A

Floor Standing Enclosures

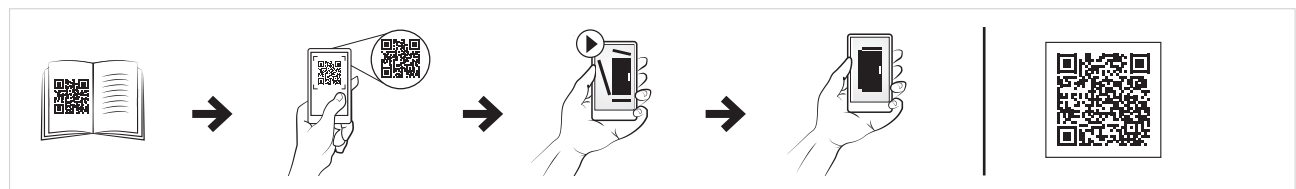
Steel Range

Accessories

Full Height Swing Frame, ESFC

- Description:** Full height swing frame for 19" components allowing left and right hand opening. Can be used in steel, combinable enclosures. Hinges designed to give extra build-in depth. Adjustable top hinge for square mounting of the swing frame. Rigid W-shaped frame profile for heavy equipment. Zinc plated 19" vertical profiles for direct earthing of the mounted components. Standard equipped with 130° hinges (180° hinges not applicable for 600 mm wide enclosures). Can also be mounted on the side of 600 mm deep floor standing enclosures. For steel, combinable enclosures use transversal support bars ESFB in combination with VBD if required. Adjustable in depth by steps of 12.5 mm.
- Maximum load:** 1800 N, supplied with a self positioning device.
- Lock:** Two 3 mm double-bit locks.
- Material:** 19" vertical profiles 2 mm zinc plated steel. Frame: vertical profiles 2 mm and horizontal profiles 3 mm.
- Pack quantity:** 1 swing frame with hinges.
- Mounting requirement:** ESFC for 600 mm, 800 mm, 1000 mm, 1200 mm wide steel, combinable enclosures. Add ESFB for mounting in a steel, combinable enclosure.

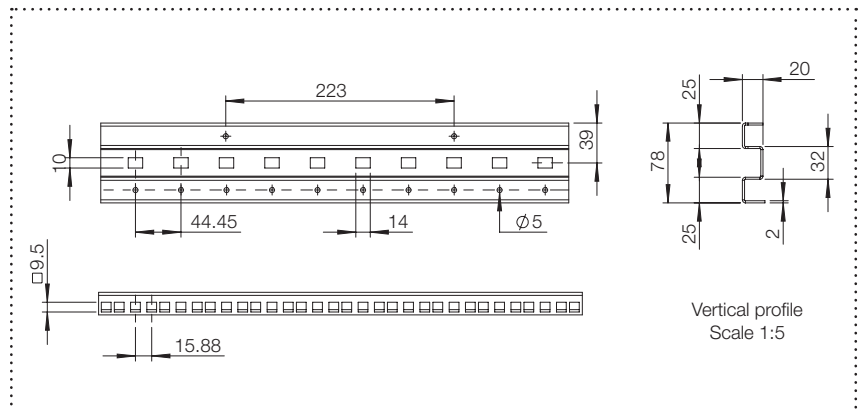
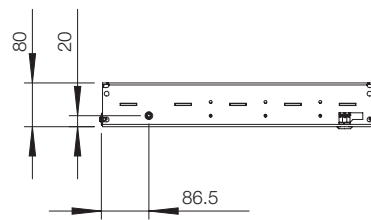
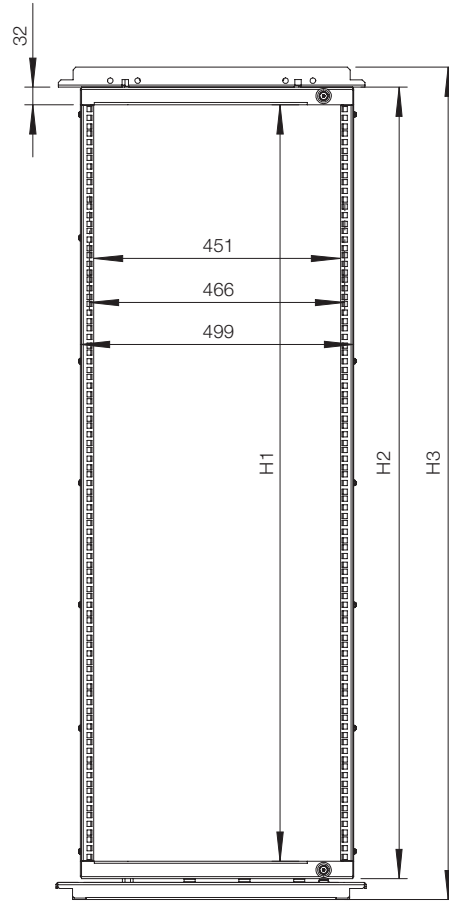
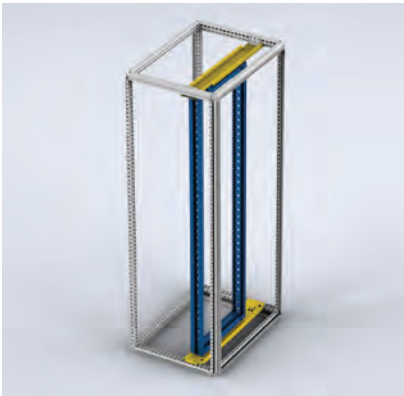
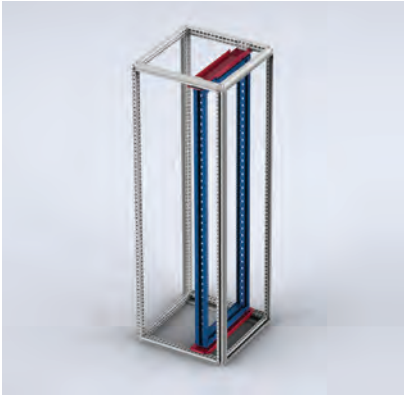
For enclosure					
H	U	H1	H2	H3	Item no.
1400	27	1203	1267	1337	ESFC276
1600	31	1381	1445	1515	ESFC316
1800	36	1603	1667	1737	ESFC366
2000	40	1781	1845	1915	ESFC406
2200	45	2003	2067	2137	ESFC456



01

Floor Standing Enclosures

1



■ Swing frame

■ Support bars 600 wide

■ Support bars 800/1000 wide

■ Support bars 1200 wide

■ Depth dividing bar

Floor Standing Enclosures

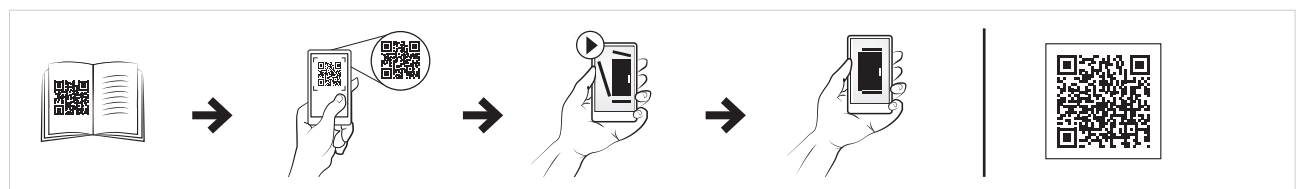
Steel Range

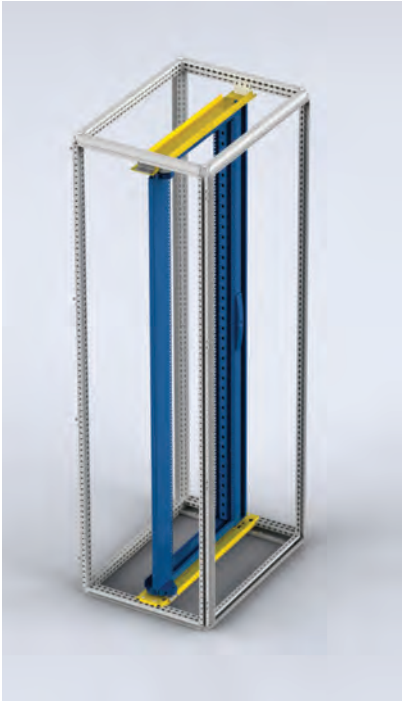
Accessories

Swing Frame middle mounted, ESFM

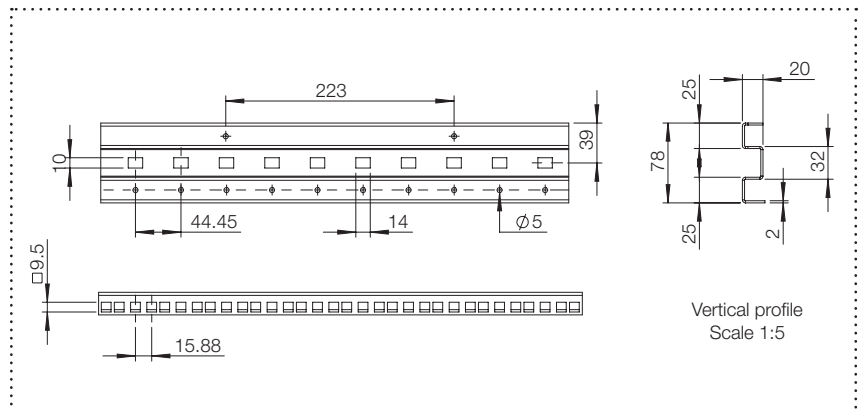
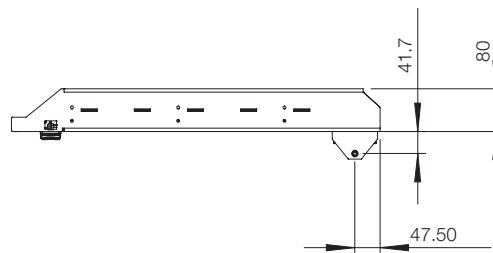
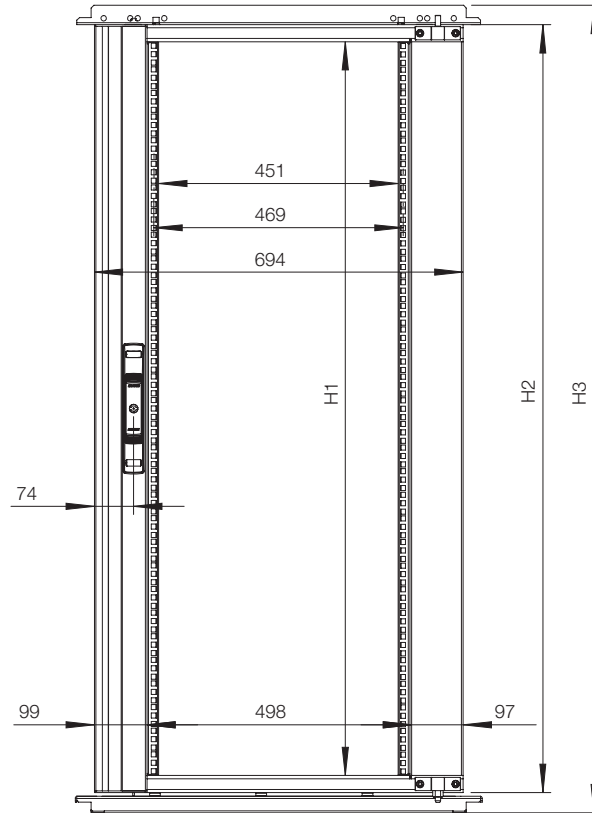
- Description:** Full height swing frame for 19" components allowing left and right hand opening with grip over the full height. Can be used in steel, combinable enclosures. Hinges designed to give extra build-in depth. Adjustable top hinge for square mounting of the swing frame. Rigid W-shaped frame profile for heavy equipment. Zinc plated 19" vertical profiles for direct earthing of the mounted components. Full access to the enclosure aperture can be acquired by the standard fitted 180° hinges. For mounting use transversal support bars ESFB. Depth support and easy cable routing is achieved with depth mounting plate SFMP. Adjustable in depth by steps of 12.5 mm.
- Maximum load:** 1800 N, supplied with a self-positioning device.
- Lock:** Double-bit 3 mm espagnolette (other lock options possible).
- Material:** 19" vertical profiles 2 mm zinc plated steel. Frame: vertical profiles 2 mm and horizontal profiles 3 mm.
- Finish:** RAL 7035 structured powder coating.
- Pack quantity:** 1 swing frame with 180° hinges.
- Mounting requirement:** ESFM for 800 mm, 1000 mm, 1200 mm wide steel, combinable enclosures. Add ESFB for mounting in a steel, combinable enclosure.

For enclosure					
H	U	H1	H2	H3	Item no.
1400	27	1203	1267	1337	ESFM278
1600	31	1381	1445	1515	ESFM318
1800	36	1603	1667	1737	ESFM368
2000	40	1781	1845	1915	ESFM408
2200	45	2003	2067	2137	ESFM458





■ Support bars 800/1000 wide



Floor Standing Enclosures

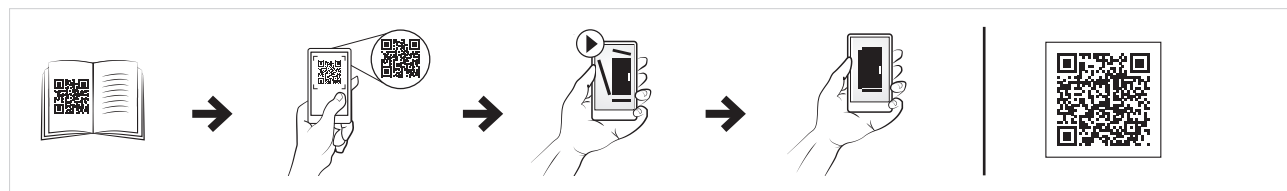
Steel Range

Accessories

Swing Frame side mounted, ESFS

- Description:** Full height swing frame for 19" components allowing left and right hand opening with grip over the full height. Can be used in steel, combinable enclosures. Hinges designed to give extra build-in depth. Adjustable top hinge for square mounting of the swing frame. Rigid W-shaped frame profile for heavy equipment. Zinc plated 19" vertical profiles for direct earthing of the mounted components. Standard equipped with 130° hinges. Full access to the enclosure's aperture can be acquired by use of 180° hinges ESFH180. For mounting use transversal support bars ESFB. Depth support and easy cable routing is achieved with depth mounting plate SFMP. Adjustable in depth by steps of 12.5 mm.
- Maximum load:** 1800 N, supplied with a self-positioning device.
- Lock:** Double-bit 3 mm espagnolette (other lock options possible).
- Material:** 19" vertical profiles 2 mm zinc plated steel. Frame: vertical profiles 2 mm and horizontal profiles 3 mm.
- Finish:** RAL 7035 structured powder coating.
- Pack quantity:** 1 swing frame with hinges.
- Mounting requirement:** ESFS for 800 mm, 1000 mm wide steel, combinable enclosures. Add ESFB for mounting in a steel, combinable enclosure.

For enclosure					
H	U	H1	H2	H3	Item no.
1400	27	1203	1267	1337	ESFS278
1600	31	1381	1445	1515	ESFS318
1800	36	1603	1667	1737	ESFS368
2000	40	1781	1845	1915	ESFS408
2200	45	2003	2067	2137	ESFS458



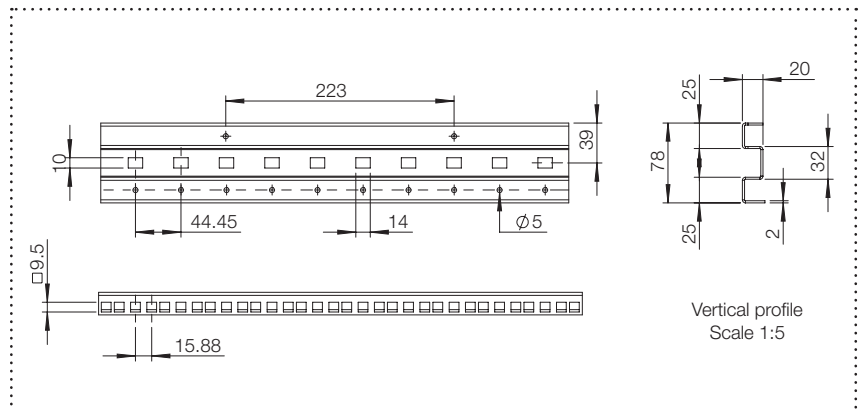
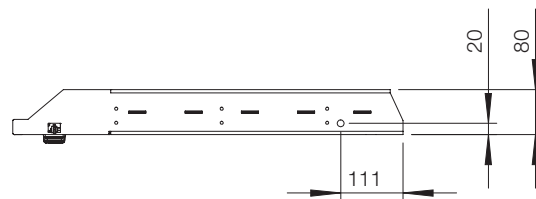
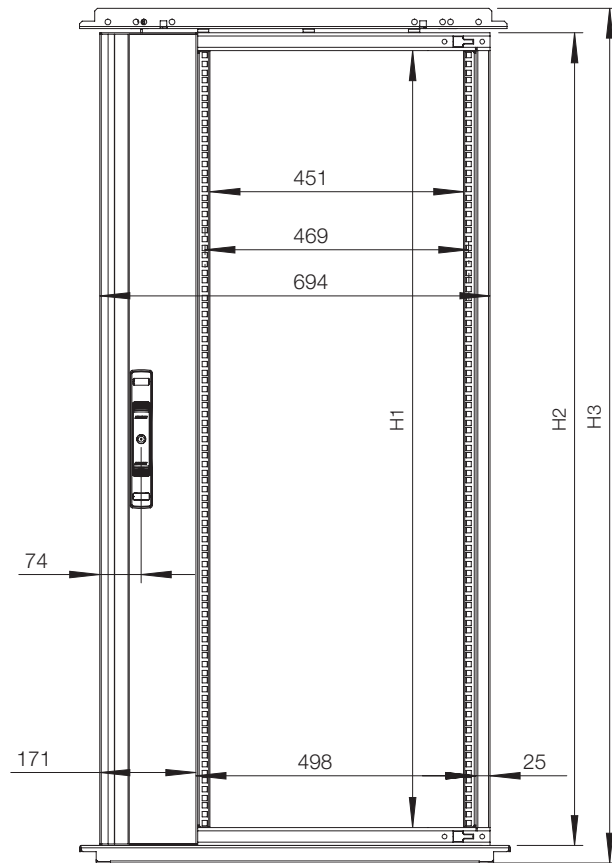
01

Floor Standing Enclosures

1



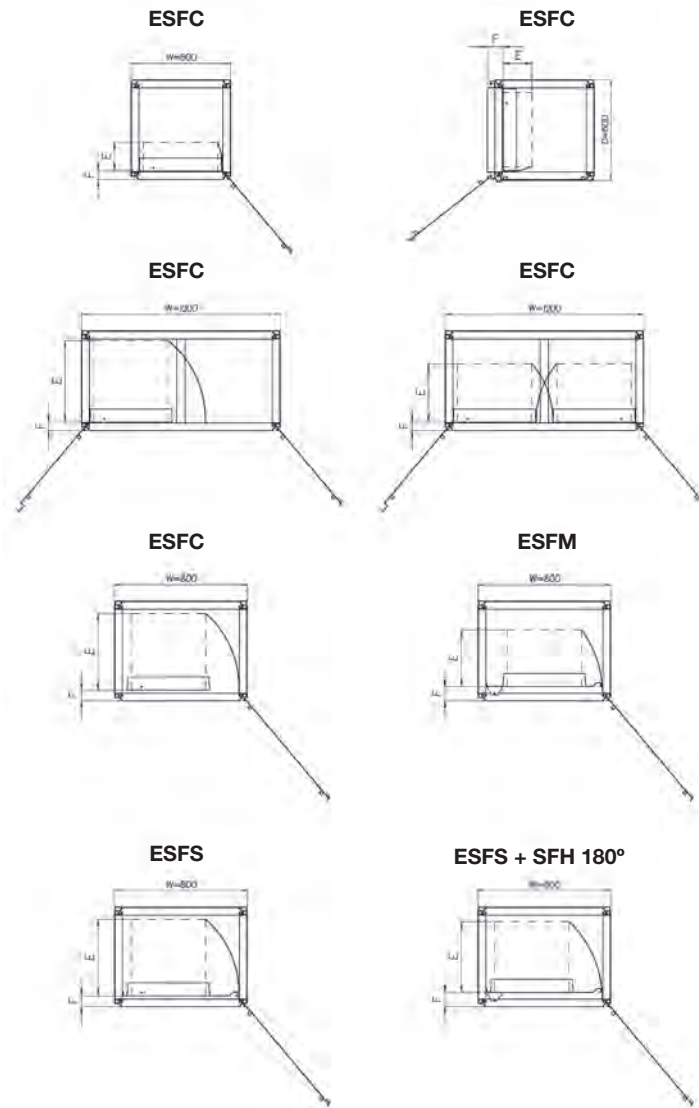
■ Support bars 800/1000 wide



Floor Standing Enclosures

Steel Range

Accessories



Maximum build-in depth - E

Depth	ESFC	ESFC in 800W	1xESFC in 1200W	2xESFC in 1200W	ESFS	ESFS+SFH 180	ESFM
400	175	280	295	295	280	260	260
500	175	380	395	355	380	360	345
600	175	465	495	355	465	430	345
800	175	465	395	355	465	430	345
F	51	51	51	51	65	86	86

ESFC can also be mounted inside of a 600 deep enclosure in combination with a side door (DS).

Maximum build-in depth - E E=175, F=96.

Maximum opening angle

Item No	Opening angle degrees icw.	Opening angle degrees icw.
ESFC	125	125
ESFC interior	120	120
ESFM + ESFH	120	155
ESFS interior	120	130
ESFS + SFH	180	155

Maximum support per hinge type

Item No	Opening angle degrees icw.	Max. loading
ESFC	125	150
ESFC	120	150
ESFM + ESFH	180	120
ESFS + ESFH 180°	180	120
ESFS + SFH	180	120

Partial height,
Top mounting

Partial height,
Middle mounting

Partial height,
Bottom mounting

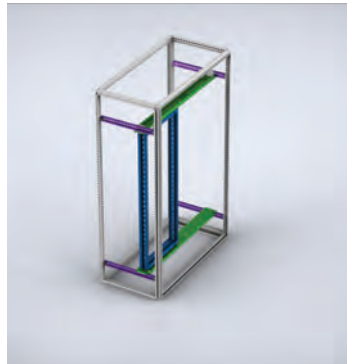
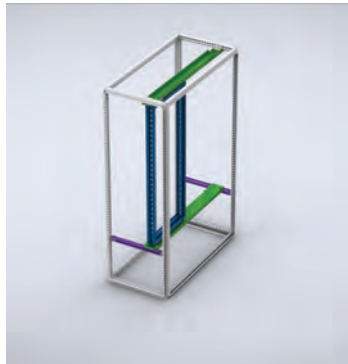
ESFC
Width: 600 mm



ESFC
Width: 800-1000 mm



ESFC
Width: 1200 mm



ESFM / ESFS
Width: 800-1000 mm



■ Swing frame

■ Support bars 600 wide

■ Support bars 800/1000 wide

■ Support bars 1200 wide

■ Mounting profile

Floor Standing Enclosures

Steel Range

Accessories

Swing Frame transversal support bars, ESFB

Description: For full height mounting of swing frames in steel, combinable enclosures. When partial height mounting is required use the ESFB in combination with CLPK or CLPF. The swing frames can be mounted both left and right hand opening. One man installation with integrated safety catch which holds the swing frame in the mounting position (130° hinge). Pre-punched holes for mounting a door switch (DSW01) and enclosure light (LTL14xx) are provided in the top swing frame support with W>600mm and with ESFS or ESFM swing frames.

Material: 3 mm zinc plated steel.

Mounting requirement: Support bars (ESFB) 600 mm wide can also be mounted directly into a 1200 mm wide enclosure by means of a VBD. Support bars (ESFB) 800 mm wide can also be mounted directly in 1600 mm wide enclosures.

Pack quantity: One complete kit for a swing frame.

For enclosure	
W	Item no.
600	ESFB06
800	ESFB08
1000	ESFB10
1200	ESFB12

To mount 2 x ESFC swing frames, an additional mounting kit ESFB12XKIT is required.



Swing Frame hinges 180°, ESFH

Description: Allows the swing frame to be opened up to 180°. Adjustable top hinge for square mounting of the swing frame. Smart hinge point position giving maximum build-in depth.

Material: Zinc plated steel.

Pack quantity: 1 set.

Mounting requirement: To be used in combination with ESFS and ESFC mounted in 800 mm, 1000 mm and 1200 mm wide enclosures.

Item no.
ESFH180



Swing Frame door stop, SFD

Description: To enable locking of the swing frame in the open position. Mounted directly onto the swing frame and support bars. The door stop can be easily disconnected to provide full opening of the swing frame.

Material: Zinc plated steel.

Pack quantity: 1 piece with mounting accessories.

Opening degree	Item no.
130°	SFD130
180°	SFD180



Swing Frame mounting plate, SFMP

Description: Full height mounting plate for easy cable routing and to support heavy equipment. Fits with ESFC, ESFS, ESFM Swing frames. Suitable for enclosures > 600 mm. Can be fitted with chassis support (SFSU) or DIN rails (PP).

Material: 2 mm zinc plated steel.

Pack quantity: 2 mounting plates with mounting accessories.

For enclosure	Item no.
H	
1400	SFMP14
1600	SFMP16
1800	SFMP18
2000	SFMP20
2200	SFMP22



Swing Frame chassis support, SFSU

Description: To add in-depth support and relieve pressure on heavy chassis applications.

Material: 2 mm zinc plated steel.

Pack quantity: 1 pair with mounting accessories.

Mounting requirement: For full height swing frames the SFMP can be added for more in-depth support and easy cable routing. Mounted directly to the back of the swing frame or to the Swing Frame mounting plate SFMP.

Item no.
SFSU02



Floor Standing Enclosures

Steel Range

Accessories

Swing frames partial height, SFCP

- Description:** Partial height swing frame for 19"-components allowing left or right hand opening. Can be used in wall mounted, steel enclosures, and floor standing, combinable and compact, steel enclosures. Rigid S-shaped frame profile equipped with 19" hole pattern in front and back. Zinc plated frame for direct earthing of the mounted components. Standard opening angle 125°-155°. Mounting in wall mounted, steel enclosures requires the SFBP transversal support in combination with the AVB. Mounting in floor standing steel combinable enclosures requires the SFBP transversal support.
- Lock:** One double-bit 3 mm lock.
- Material:** 2 mm zinc plated steel.
- Pack quantity:** 1 swing frame with hinges.
- Mounting requirement:** Mounting in wall mounted, steel enclosures requires the SFBP transversal support in combination with the AVB. Mounting in floor standing steel combinable enclosures requires the SFBP transversal support. Adjustable in depth in combination with CLPK profiles.

For enclosure			
H	U	Max. loading	Item no.
600	3	150 N	SFCP036
600	6	300 N	SFCP066
600	10	500 N	SFCP106
800	12	500 N	SFCP126
800	15	500 N	SFCP156
1000	19	500 N	SFCP196
1200	24	500 N	SFCP246



Partial SF transversal brackets, SFBP

- Description:** Enables partial height swing frames to be mounted in floor standing, combinable and compact, steel enclosures enclosures with full access to the enclosure's aperture. The swing frame can be mounted to allow both left and right hand opening.
- Material:** 3 mm zinc plated steel.
- Pack quantity:** One complete kit for one swing frame.
- Mounting requirement:** The SFBP can be used in double door enclosures by means of the VB/CDV divider profile. For depth adjustment use CLPK profiles

Item no.
SFBP03



Partial SF transversal support bars, SFBP

Description: Enables partial height swing frames to be mounted in wall mounted, steel enclosures, and floor standing, combinable, steel enclosures. The swing frames can be mounted to allow both left and right hand opening.

Material: 3 mm zinc plated steel.

Pack quantity: One complete kit including mounting brackets for one swing frame.

Mounting requirement: For wall mounted, steel enclosures, use in combination with the AVB profiles. For floor standing enclosures, it can be mounted directly to the enclosure frame or adjustable in depth, in steps of 25 mm, by means of the CLPK.

For enclosure	W	Item no.
Wall mounted / Floor standing	600	SFBP600
Wall mounted / Floor standing	800	SFBP800



19" Mounting profiles, CIP

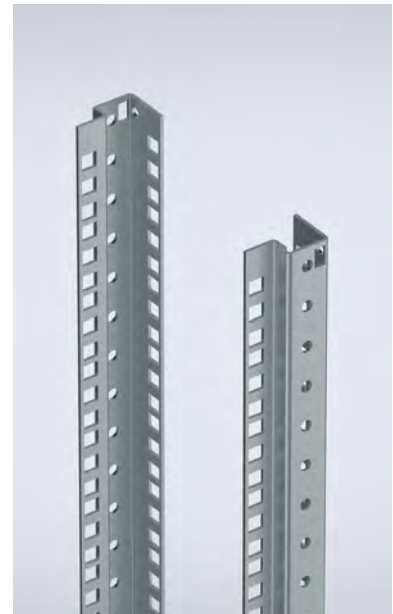
Description: Full height mounting profiles to achieve 482.6 mm (19") mounting requirements on all sides. Fully adjustable in depth.

Material: 2 mm zinc plated steel.

Pack quantity: 1 pair.

Mounting requirement: To be used in conjunction with CIB or CID profiles.

For enclosure		Item no.
H	U	
1000	20	CIP20
1100	22	CIP22
1200	24	CIP24
1400	29	CIP29
1600	33	CIP33
1800	38	CIP38
2000	42	CIP42
2200	47	CIP47



Floor Standing Enclosures

Steel Range

Accessories

19" Mounting profiles, CIPD

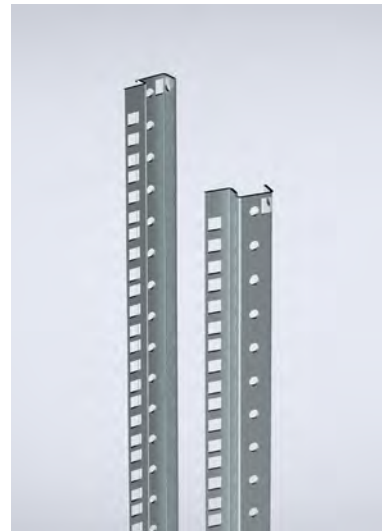
Description: Side universal 19" punching. For additional internal support.

Material: 2 mm zinc plated steel.

Pack quantity: 1 pair.

Mounting requirement: To be used in conjunction with CIB or CID profiles.

H	U	Item no.
100	33	CIPD33
1800	38	CIPD38
2000	42	CIPD42
2200	47	CIPD47



Profiles for 19" profiles fixing, CIB

Description: For fitting 19" vertical profiles CIP/CIPD in 600 mm and 800 mm wide enclosures. Fully adjustable in depth.

Material: 3 mm zinc plated steel.

Pack quantity: 2 profiles with mounting accessories.

For enclosure		Item no.
W		
500		CIB500
600		CIB600
800		CIB800



Profiles for 19" profiles asymmetric fixing, CID

Description: For fitting asymmetric 19" mounting profiles CIP/CIPD in 800 mm or wider enclosures. Fully adjustable in depth. Especially suited when heavier (active) components will be fitted.

Material: 3 mm zinc plated steel.

Pack quantity: 4 profiles with mounting accessories.

For enclosure		
W	D	Item no.
800/1000	600	CID600
800/1000	800	CID800



19" Mounting profiles partial height, CIPP

- Description:** Partial height 19" vertical profiles to achieve 482.6 mm (19") mounting requirements on all sides. Adjustable in depth in steps of 25 mm using the CLPK click-in profiles.
- Material:** 2 mm zinc plated steel.
- Pack quantity:** 2 pieces with mounting accessories.
- Mounting requirement:** To be used with brackets CIC in 800 mm wide enclosures.

U	Item no.
6	CIPP06
9	CIPP09
10	CIPP10
11	CIPP11
13	CIPP13
15	CIPP15
18	CIPP18



Brackets for partial height 19" mounting profiles, CIC

- Description:** For fixing 19" vertical profiles CIPP in 800 mm wide enclosures. Adjustable in depth in steps of 25 mm by using the CLPK click-in profiles.
- Material:** 3 mm zinc plated steel.
- Pack quantity:** 4 brackets with mounting accessories.

Item no.
CIC04



19" Width reducers, CIWR

- Description:** Used to obtain 19" mounting facilities in 800 mm wide enclosures. Allows the mounting of CIP/CIPP profiles on partial or full height at any depth.
- Material:** 2 mm zinc plated steel.
- Maximum load:** Maximum supported weight is 5000N on 2 pair of CIWR and 8000N on 3 pair of CIWR.
- Pack quantity:** 1 pair with mounting accessories.

For enclosure		Mounting plate dimensions	
W	D	w	Item no.
800	600	19"	CIWR8196
800	800	19"	CIWR8198



Floor Standing Enclosures

Steel Range

Accessories

Front frame cover, FFC

- Description:** To cover the framework around the door aperture on 600 mm wide data-telecom enclosures, when a door is not fitted.
- Material:** 1.75 mm steel plate.
- Finish:** RAL 7035 structured powder coating.
- Pack quantity:** 1 set with mounting accessories.

For enclosure			
H	W	Height U	Item no.
2000	600	42	FFC2006R5



Front Phillips screws, CHS

- Description:** For the mounting of front closing panels (PAC/PAL) or shelves on to the 19" profiles. To be used in combination with plastic washer PW6.
- Length:** 16 mm.
- Pack quantity:** 50 pieces.

Thread	Item no.
M6	CHS616



Plastic washers, PW

- Description:** Plastic washer for the M6 front Phillips screws (CHS). To prevent damaging the front of the patch panels.
- Pack quantity:** 50 pieces.

Item no.
PW6

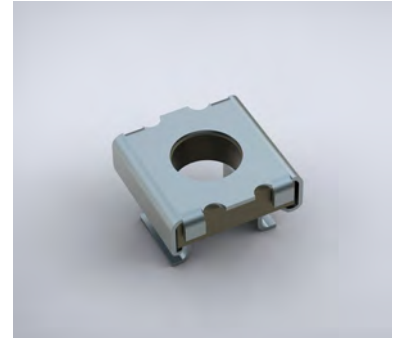


Cage nuts, CN

Description: For 2 mm steel thickness.

Pack quantity: 50 pieces.

Thread	Item no.
M6	CN6



Cage nut insertion tool, CIT

Description: Makes insertion of cage nuts easier.

Material: Bichromated steel.

Pack quantity: 1 piece.

Part No.
CIT01



Friction slide, L

Description: To support heavy components which are only fitted to the front. Mounted between two 19" profiles. Version fixed with 2 screws per profile, and version with click-in fixation.

Material: Click-in version 1.5 mm and mounted version 3 mm zinc plated steel.

Pack quantity: 1 pair with fixing material.

Length	Type	Max. loading	Item no.
279	screwed	980 N	L279
406	screwed	490 N	L406
406	click-in	490 N	L406C
470	screwed	490 N	L470
470	click-in	490 N	L470C
597	screwed	980 N	L597
700	screwed	980 N	L700



Floor Standing Enclosures

Steel Range

Accessories

Front fixation 19" shelf, MTR

Description: For front mounting. The tray can be adjusted towards front or rear. Ventilation openings.

Additional information or notes: Can be used with swing frames.

Material: 1.5 mm steel.

Finish: Light grey, RAL 7035.

Pack quantity: 1 complete kit with mounting material.

W	D	U	Max. loading	Item no.
19"	250	2	150 N	MTR1279
19"	400	2	150 N	MTR1406
19"	500	2	150 N	MTR1470



19" shelf, VSF

Description: Maximum loading capacity when mounted directly onto the 19" profiles, front and rear. Ventilation openings.

Material: 1.5 mm steel.

Finish: Light grey, RAL 7035.

Pack quantity: 1 shelf with mounting material.

For enclosure				
W	D	Max. loading	Item no.	
19"	277	1200 N	VSF1279	
19"	404	1200 N	VSF1406	
19"	468	1200 N	VSF1470	
19"	595	1200 N	VSF1597	
19"	698	1200 N	VSF1700	



19" telescopic shelf, VTS

Description: Mounted directly onto the 19" profiles, front and rear, 1U high. Ventilation openings.

Material: 1 mm steel.

Finish: Light grey, RAL 7035.

Pack quantity: 1 shelf and 2 quick mounting 3-member slides, front handle and mounting material.

For enclosure				
W	D	Max. loading	Item no.	
19"	500	500 N	VTS1470	
19"	600	500 N	VTS1597	



1U Keyboard drawer, DKB

- Description:** For the installation of narrow 19" wide keyboard for PC, server or control system. Mounted directly to existing 19-inch profiles in front and rear.
- Material:** 1.25 mm steel.
- Finish:** Light gray, RAL 7035.
- Pack quantity:** 1 drawer including mounting material.

H	W	D	U	Item no.
32	406	182	1	DKB02



Power distribution box, PWB

- Description:** For circuit breakers, switches or sockets installed in racks. Opening for up to 22 modules (18 mm). DIN rail adjustable in depth by 15 mm. Box is equipped with two earthing rails 10 x 8 mm. Length is 120 mm with 15 x M5 connections each. Cable entrance in the rear 400 x 35 mm fitted with cable brush.
- Material:** 1.5 mm steel plate.
- Finish:** Light grey, RAL 7035.
- Pack quantity:** 1 piece.

Height U	D	Item no.
3	135-150	PWB03



Painted steel front panels, PAC

- Description:** Plain 19" front panel.
- Material:** 3 mm steel.
- Finish:** Light grey RAL 7035.
- Pack quantity:** 1 piece.

Height U	W	h	Item no.
1	19"	44.45	PAC01
2		88.90	PAC02
3		133.35	PAC03
4		177.80	PAC04
6		266.70	PAC06



Floor Standing Enclosures

Steel Range

Accessories

Ventilated front panels, PACV

Description: Ventilated 19" front panel.
Material: 3 mm steel.
Finish: Light grey, RAL 7035.
Pack quantity: 1 piece.

Height U	W	h	Item no.
1	19"	44.45	PACV01



Patch panels, PAP

Description: For cable entry, with edge protection or for connectors RJ45. A 20 mm band on one side is left unpainted on the rear side for optimal earthing with the 19" profile.
Material: Made from 1.5 mm galvanised steel.
Finish: Light grey, RAL 7035.
Pack quantity: 1 piece.

N° of cut outs	Height U	Usage	Item no.
1	1	Cable entry	PAP01CE



Other cut-outs and special patch panels are available on request.

19" Power Distribution Unit, HPDS

Description: With or without ON/OFF switch. Including 2 m cable with right angle plug. 19" assembly brackets can be turned by 90°. Outlets 35° turned.
Material: Aluminium extrusion, anodized. Outlets polyamide 6.6, RAL 7035. Nickel plated earth contacts.
Cable with angle plug: 2 m x 1.5 mm², Schuko.
Rated power: 16 A/3600 W.
Earthing: Double earthing.
Delivery: 1 complete PDU with power cable and 19" assembly brackets and fixing kit.

Outlets	Illuminated ON/OFF switch	Over voltage protection	Filters	Item no.
Schuko 9 x 250 V / 16 A	No	No	No	HPDS119009
Schuko 8 x 250 V / 16 A	Yes	No	No	HPDS119108

HPDS 119009 (height units); 119009 (with 19"); 119009 (0=no switch, 1=switch 2=over-voltage protection); 119009 (no. of outlet). |Note: UK supplies UK sockets.



Ventilation modules with thermostat, UVT

Description:	Ventilation shelf with controller that regulates the temperature and air flow inside the racks. The unit consists of a fan controller and 2 or 4 fans inside a one unit shelf. The electronic sensor can be attached where the temperature is most critical (hot spot), close to your most expensive equipment, to ensure the correct temperature and air flow. The current temperature is displayed on the front of the unit, where it is possible to see preset values and intervals. The presence of an automatic control allows the system to switch on the ventilation only when the temperature goes beyond the operator preset value. Thereby the equipment gets less dusty and the energy consumption is reduced as well as the sound level. In other words the ventilation system saves energy, but also prolongs the life of the ventilators, which are operating only when needed. Fully wired and ready to connect.
Voltage:	200-235 V.
Alternating current frequency:	50-60 Hz.
Power of the fan:	22 Watt.
Consumption current:	0.28 A / 0.56 A.
Air circulation:	4.4 / 8.8 m ³ /min.
Measurement limits:	-50 °C...+125 °C.
Measurement accuracy:	+/-0.5 °C.
Working temperature:	0...+50 °C.
Relative air humidity (air temp. +35C):	80%.
Noise level:	35 decibel.
Lifetime:	30.000 hours.
Approvals:	UL, CSA, VDE, TUV.
Switch:	No.
Thermostat:	Yes.
Pack quantity:	1 unit including power cable (1.5 meter) with Shuko plug and sensor cable (1.2 meter). Version with 4 fans is supplied with a depth fixing bracket.



Description	U	Internal depth	Item no.
2 fans	1	255	UVT2552
4 fans	1	455 - 670 max	UVT4554

24 V DC and 115 V available on request.

Floor Standing Enclosures

Steel Range

Accessories

Cable tray, DCT

Description: Cable tray with punching for cable management in the side of the enclosure. Length 1.9 meters.

Material: 1.5 mm zinc plated steel.

Mounting requirement: DCT cable trays are to be mounted on CLPK or CLPF profiles.

Pack quantity: 1 piece.

H	W	Item no.
1880	200	DCT200



Cable tray, CTN

Description: Mesh cable tray providing fast and flexible routing of cables in the enclosure. Cables can enter into the tray from all sides. The tray can be cut to required length. Easy and quick fixing with the CTC clamps.

Material: Steel wire, zinc plated.

Additional information or notes: CTN cable trays are to be mounted on CLPK or CLPF profiles.

Pack quantity: 1 piece.

H	W	For enclosure	
		D	Item no.
3000	100	54	CTN30105
3000	200	54	CTN30205



Cable tray clamps, CTC

Description: Kit of fixing clamps for the mesh cable tray CTN. Provides a quick and heavy duty fixing for the cable tray and ensures 100% safety for the cables.

Material: Zinc plated steel.

Pack quantity: 1 kit with 50 clamps and screws.

Item no.
CTC50



Ventilated shelves, SHC

Description: Mounted directly onto the enclosure's frame.

Material: 2 mm zinc plated steel.

Maximum load: 500 N.

Pack quantity: 1 shelf with mounting accessories.

For enclosure		Mounting plate dimensions		Item no.
W	D	w	d	
600	600	509	555	SHC0606
600	800	509	755	SHC0608
800	600	709	555	SHC0806
800	800	709	755	SHC0808
800	900	709	855	SHC0809



Monitor shelf, SHM

Description: Mounted directly onto the enclosure's frame. Provided with clamp-kit to hold a monitor in position.

Material: 2 mm zinc plated steel.

Pack quantity: 1 shelf with mounting accessories.

For enclosure		Mounting plate dimensions		Item no.
W	D	w	d	
600	600	509	555	SHM0606
600	800	509	755	SHM0608



Telescopic shelf HD, SHTH

Description: For easy access to installed equipment. Mounted directly to the enclosure's frame with integrated handle. Reversed mounting possible.

Material: 2 mm zinc plated steel.

Maximum load: 1000 N.

Pack quantity: 1 ventilated shelf and 1 pair of telescopic slides with mounting accessories.

For enclosure		Item no.
W	D	
600	600	SHTH0606
600	800	SHTH0608
800	600	SHTH0806
800	800	SHTH0808



Floor Standing Enclosures

Steel Range

Accessories

Telescopic ventilated shelf, SHT

- Description:** For easy access to installed equipment. Mounted directly to the enclosure's frame. Partial depth mounting is an option. Possibility to take the shelf out of the slides even after mounting into the enclosure. Reversed and side mounting possible.
- Material:** 2 mm zinc plated steel.
- Maximum load:** 500 N.
- Pack quantity:** 1 ventilated shelf and 1 pair of telescopic slides with mounting accessories.
- Mounting requirement:** Add SHTP profiles for partial depth installation to the enclosure's frame.

For enclosure				
W	D	w	d	Item no.
600	600	460	550	SHT0606
600	800	460	750	SHT0608
800	600	660	550	SHT0806
800	800	660	750	SHT0808



Handles, HN

- Description:** For use on front panels, doors, telescopic shelves.
- Material:** Alloy.
- Pack quantity:** 1 pair.

U	CC (mm)	Item no.
3	88	HN3
4	133	HN4



Mounting profiles for SHT, SHTP

- Description:** Profiles for partial and full depth mounting of the telescopic shelf SHT. Makes it possible to mount a 600 mm deep SHT in a 800 mm deep enclosure. Fixed directly to the enclosure's frame. Fully adjustable in height in steps of 12.5 mm.
- Material:** 1.5 mm zinc plated steel.
- Pack quantity:** 2 profiles with mounting accessories.

For enclosure	
D	Item no.
600	SHTP600
800	SHTP800



Seismic bracket kit, SBK

Material: Side bars and cross elements made in Galvanized steel 4 mm thick. Bracket done in galvanized steel 3 mm thick.

Mounting requirement: Depth mounted CLPK Click in profile and width mounted CB carrier bar at the top and bottom to comply with the seismic tests.

Pack quantity: One seismic bracket with mounting material.

For enclosure				Item no.
H	W	D		
2000	600	400		SBK20064
2000	600	600		SBK20066
2000	800	600		SBK20086
2000	800	800		SBK20088

*Other dimensions are available upon request.



Floor Standing Steel Range

Accessories | Fixation

Plinth

Mild steel,
combinable enclosures

MCS / MCD

Required accessories

Page

STAND ALONE ENCLOSURE	Plinth	Front/rear plinths, PF Plinth side panels, PS	168 170
	Ventilated plinth	Ventilated front/rear plinths, PV Plinth side panels, PS	169 170
BAYED ENCLOSURES	Plinth without communication between the plinths, with reinforcement in depth	Front/rear plinths, PF One per enclosure Plinth side panels, PS One per enclosure	168 170
		Plinth with communication between the plinths, without reinforcement in depth	Front/rear plinths, PF One per enclosure Plinth side panels, PS One per group of enclosures
	Plinth with communication between the plinths, with reinforcement in depth	Front/rear plinths, PF One per enclosure Plinth combining profiles, PCP One per enclosure joining Plinth side panels, PS One per group of enclosures	168 171 170
		Ventilated plinth without communication between the plinths, with reinforcement in depth	Ventilated front/rear plinths, PV One per enclosure Plinth side panels, PS One per enclosure
	Ventilated plinth with communication between the plinths, without reinforcement in depth	Ventilated front/rear plinths, PV One per enclosure Plinth side panels, PS One per group of enclosures	169 170
		Ventilated plinth with communication between the plinths, with reinforcement in depth	Ventilated front/rear plinths, PV One per enclosure Plinth combining profiles, PCP One per enclosure joining Plinth side panels, PS One per group of enclosures

Mild steel,
compact enclosures

MKS / MKD

Stainless steel,
combinable enclosures

MCSS / MCDS

Stainless steel,
compact enclosures

EKSS / EKDS

Required accessories	Page	Required accessories	Page	Required accessories	Page
Front/rear plinths, PF Plinth side panels, PS	168 170	Stainless steel front/rear plinths, PFS Stainless steel plinth side panels, PSS	172 173	Stainless steel front/rear plinths, PFS Stainless steel plinth side panels, PSS	172 173
Ventilated front/rear plinths, PV Plinth side panels, PS	169 170	<i>Not available</i>	N/A	<i>Not available</i>	N/A
<i>Not available</i>	N/A	Front/rear plinths, PFS One per enclosure Side plinths, PSS One per enclosure	172 173	<i>Not available</i>	N/A
<i>Not available</i>	N/A	Front/rear plinths, PFS One per enclosure Side plinths, PSS One per group of enclosures	172 173	<i>Not available</i>	N/A
<i>Not available</i>	N/A	<i>Not available</i>	N/A	<i>Not available</i>	N/A
<i>Not available</i>	N/A	<i>Not available</i>	N/A	<i>Not available</i>	N/A
<i>Not available</i>	N/A	<i>Not available</i>	N/A	<i>Not available</i>	N/A
<i>Not available</i>	N/A	<i>Not available</i>	N/A	<i>Not available</i>	N/A

Floor Standing Steel Range

Accessories | Fixation

Leveling feet and wheels

Mild steel,
combinable enclosures

MCS / MCD

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		Plinth side panels, PS	170
		Leveling feet, LF	173
	Fixation in the plinth, for bayed enclosures without communication between the plinths	Front/rear plinths, PF or PV	168
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Plinth side panels, PS		170	
Fixation in the plinth, for bayed enclosures with communication between the plinths	One per enclosure	173	
	Leveling feet, LF	173	
	One per enclosure	173	
	Front/rear plinths, PF or PV	168	
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WHEELS	Directly fixed in the enclosure	Casters, LCR One per enclosure	174
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	Fixation in the plinth, for bayed enclosures without communication between the plinths	Front/rear plinths, PF or PV	168
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Plinth side panels, PS ,		170	
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One per enclosure	174		
Fixation in the plinth, for bayed enclosures with communication between the plinths	Front/rear plinths, PF or PV	168	
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	Plinth combining profiles, PCP	171	
	One per enclosure joining	170	
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One per enclosure	174		

Mild steel,
compact enclosures

MKS / MKD

Stainless steel,
combinable enclosures

MCSS / MCDS

Stainless steel,
compact enclosures

EKSS / EKDS

Required accessories	Page	Required accessories	Page	Required accessories	Page
Leveling feet, LF One per enclosure	173	Leveling feet, LF One per enclosure	173	Leveling feet, LF One per enclosure	173
Front/rear plinths, PF or PV Plinth side panels, PS Leveling feet, LF	168 170 173	Front/rear plinths, PFS Side plinths, PSS Leveling feet, LF	172 173 173	Front/rear plinths, PFS Side plinths, PSS Leveling feet, LF	172 173 173
<i>Not available</i>	N/A	Front/rear plinths, PFS One per enclosure Side plinths, PSS One per enclosure Leveling feet, LF One per enclosure	172 173 173	<i>Not available</i>	N/A
<i>Not available</i>	N/A	<i>Not available</i>	N/A	<i>Not available</i>	N/A
Casters, LCR One per enclosure	174	Casters, LCR One per enclosure	174	Casters, LCR One per enclosure	174
Front/rear plinths, PF or PV Plinth side panels, PS Casters, LCR	168 170 174	Front/rear plinths, PFS Side plinths, PSS Casters, LCR	172 173 174	Front/rear plinths, PFS Side plinths, PSS Casters, LCR	172 173 174
<i>Not available</i>	N/A	Front/rear plinths, PFS One per enclosure Side plinths, PSS One per enclosure Casters, LCR One per enclosure	172 173 174	<i>Not available</i>	N/A
<i>Not available</i>	N/A	<i>Not available</i>	N/A	<i>Not available</i>	N/A

Floor Standing Steel Range

Accessories | Fixation

Wall brackets

Mild steel,
combinable enclosures

MCS / MCD

Required accessories

Page

WALL BRACKETS	Stand alone enclosure	Wall fixing brackets, CCB	174
	Bayed enclosures	Wall fixing brackets, CCB One per enclosure	174

Mild steel,
compact enclosures

MKS / MKD

Stainless steel,
combinable enclosures

MCSS / MCDS

Stainless steel,
compact enclosures

EKSS / EKDS

Required accessories	Page	Required accessories	Page	Required accessories	Page
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<i>Not available</i>	N/A	Stainless steel wall fixing brackets, CCBS One per enclosure	174	<i>Not available</i>	N/A

Floor Standing Enclosures

Steel Range

Accessories

Front/rear Plinths, PF

Description: Front and rear plinth sections. For cabling without any restrictions and in accordance with the VDE 0113 standard. The plinth consists of four corner pieces with removable front covers. The side panels PS are to be ordered separately. Produced in 100 mm and 200 mm heights. 200 mm high plinths are delivered with a rear cover for cabling that consists of two removable panels 100 mm high. The front cover is a one piece panel of 200 mm high. All panels have double returns on each side for added strength.

Material: Corner pieces in 2 mm and panels in 1.5 mm mild steel.

Finish: RAL 7022 structured powder coating.

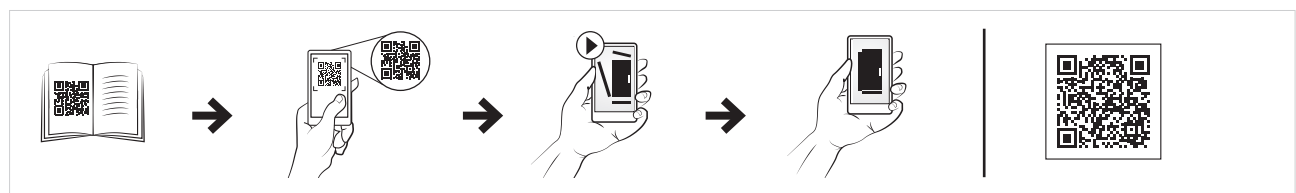
Pack quantity: 1 set of 4 corner pieces including covers. Front and rear panel (2 rear panels for 200 mm high plinths) with mounting accessories. Mounting accessories for side panels PS or transversal profiles PCP.

Mounting requirement: Add the side panels PS for a complete plinth. When combining enclosures it is recommended to add transversal panels PCP for cable duct support and extra rigidity.



For enclosure		
H	W	Item no.
100	400	PF1040
100	500	PF1050
100	600	PF1060
100	800	PF1080
100	1000	PF1100
100	1200	PF1120
200	400	PF2040
200	500	PF2050
200	600	PF2060
200	800	PF2080
200	1000	PF2100
200	1200	PF2120

For enclosures 1600 mm wide use 2 x 800 mm wide plinth.

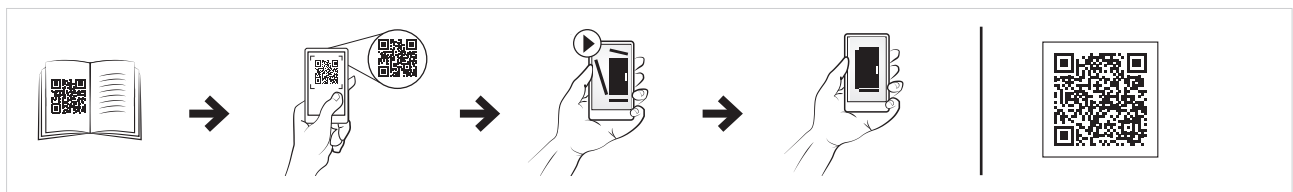


Ventilated front/rear plinths, PV

- Description:** Front and rear plinth sections with ventilated panels. Recommended to be used in combination with the ventilated bottom plate CVB. For cabling without any restrictions and in accordance with the VDE 0113 standard. The plinth consists of four corner pieces with removable front covers. All panels have double returns for added strength. Only available in height of 100 mm.
- Material:** Corner pieces in 2 mm and panels in 1.5 mm mild steel.
- Finish:** RAL 7022 structured powder coating.
- Pack quantity:** 1 set of 4 corner pieces including covers. Front and rear panel with mounting accessories for side panels PS or transversal profiles PCP.
- Mounting requirement:** Add the side panels PS for a complete plinth. When combining enclosures it is recommended to add transversal panels PCP for cable duct support and extra rigidity. Use ventilated bottom plates CVB to get better enclosure ventilation.



For enclosure	
W	Item no.
400	PV1040
600	PV1060
800	PV1080
1000	PV1100
1200	PV1120



Floor Standing Enclosures

Steel Range

Accessories

Side plinths, PS

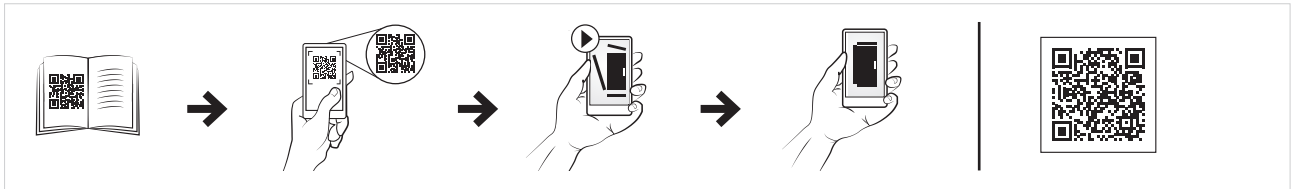
Description: Side panels to cover the openings in the sides of the PF/PV plinths. Double folded panels for maximum strength. Compatible with combinable and compact enclosure ranges.

Material: 1.5 mm steel plate.

Finish: RAL 7022 structured powder coating.

Pack quantity: 2 panels. Mounting accessories included with PF/PV.

For enclosure		
H	D	Item no.
100	300	PS1030
100	400	PS1040
100	500	PS1050
100	600	PS1060
100	800	PS1080
200	300	PS2030
200	400	PS2040
200	500	PS2050
200	600	PS2060
200	800	PS2080



Plinth combining profiles, PCP

Description: Acts as a stabiliser when cabling is routed between bayed enclosures. With the PCP, plinths can be combined and fixed to the floor before the enclosures are mounted on them. The PCP can be used when cables have to go under the enclosure. For 200 mm high plinths, the PCP can be mounted in three different heights, top, middle or bottom. The hole pattern for cage nuts and M5x10 screws, allows accessories to be mounted.

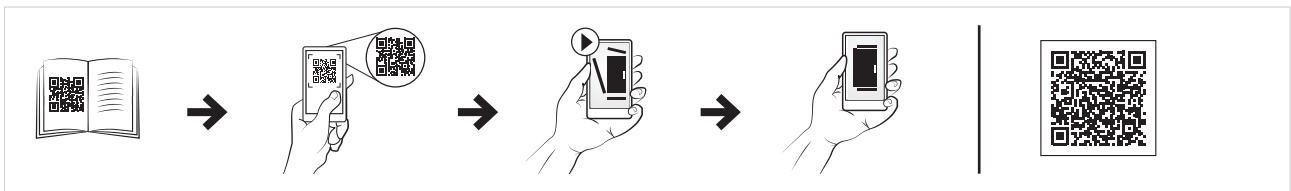
Material: 2 mm steel plate.

Finish: RAL 7022 structured powder coating.

Pack quantity: 2 profiles with mounting accessories.



For enclosure	
D	Item no.
400	PCP04
500	PCP05
600	PCP06
800	PCP08



Floor Standing Enclosures

Steel Range

Accessories

Front/Rear plinth, stainless steel, PFS

- Description:** Front and rear plinth sections. For cabling without any restrictions and in accordance with the VDE 0113 standard. The plinth consists of four corner pieces with removable front covers. The side panels PSS are to be ordered separately. Produced in 100 mm and 200 mm heights. 200 mm high plinths are delivered with a rear cover for cabling that consists of two removable panels 100 mm high. The front cover is a one piece panel of 200 mm high. All panels have double returns on each panel for added strength.
- Material:** AISI 304 / AISI 316L pre-grained stainless steel. Corners 2 mm and panels 1 mm.
- Finish:** 240s pre-grained stainless steel (0.5 microns average).
- Pack quantity:** 1x front plinth and 1x rear plinth with mounting accessories.
- Mounting requirement:** Add the side panels PSS for a complete plinth.

For enclosure		
H	W	Item no.
100	600	PFS1060
100	600	PFS1060-316
100	800	PFS1080
100	800	PFS1080-316
100	1000	PFS1100
100	1000	PFS1100-316
100	1200	PFS1120
100	1200	PFS1120-316
200	600	PFS2060
200	600	PFS2060-316
200	800	PFS2080
200	800	PFS2080-316
200	1000	PFS2100
200	1000	PFS2100-316
200	1200	PFS2120
200	1200	PFS2120-316

For enclosures 1600 mm wide use 2 x 800 mm wide plinth.



Side plinths, PSS

- Description:** Side panels to cover the openings in the sides of the PFS plinth. Double folded panels for maximum strength. Compatible with combinable and compact stainless steel floor standing ranges.
- Material:** AISI 304 / AISI 316L pre-grained stainless steel. Panels: 1 mm.
- Finish:** 240s pre-grained stainless steel (0.5 microns average).
- Pack quantity:** 2 panels. Mounting accessories included with PFS.

For enclosure		
H	D	Item no.
100	400	PSS1040
100	400	PSS1040-316
100	500	PSS1050
100	500	PSS1050-316
100	600	PSS1060
100	600	PSS1060-316
200	400	PSS2040
200	400	PSS2040-316
200	500	PSS2050
200	500	PSS2050-316
200	600	PSS2060
200	600	PSS2060-316



Leveling feet, LF

- Description:** Adjustable feet for leveling enclosures placed on uneven ground. Mounted directly to the enclosure's frame. Adjustment stroke: 30 mm.
- Maximum load:** 3000 N per foot.
- Pack quantity:** 4 pieces with mounting accessories.

Item no.
LF430



Floor Standing Enclosures

Steel Range

Accessories

Casters, LCR

Description: For easy transportation of an (equipped) enclosure. Can be mounted directly to the enclosure's frame or underneath the plinths (PF/PV) with the provided mounting brackets. Raises the enclosure by 70 mm.

Maximum load: 2800 N (Moving) or 5600 N (Static) per kit.

Pack quantity: 4 pieces with mounting accessories.

Type	Item no.
4 casters without brakes	LCR470
2 casters with and 2 without brakes	LCR471
4 casters with brakes	LCR472



Wall fixing brackets, CCB

Description: To fix the enclosure to the wall by using M12 screws on the top of the enclosure. Prevents the enclosure from tipping over e.g. on board ships. Compatible with combinable, compact and compact mild steel floor standing enclosure ranges.

Material: 3 mm zinc plated steel.

Pack quantity: 2 pieces.

Item no.
CCB02



Wall fixing brackets stainless steel, CCBS

Description: To fix the enclosure to the wall by using M12 screws on the top of the enclosure. Prevents the enclosure from tipping over e.g. on board ships. Compatible with combinable and compact stainless steel floor standing enclosure ranges.

Material: 3 mm AISI 304 pre grained stainless steel.

Pack quantity: 2 pieces.

Item no.
CCBS02



01

Floor Standing Enclosures



1

Floor Standing Steel Range

Accessories | Full height doors

Full height doors

Mild steel,
combinable enclosures

MCS / MCD

Required accessories

Page

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Mild steel,
compact enclosures

MKS / MKD

Stainless steel,
combinable enclosures

MCSS / MCDS

Stainless steel,
compact enclosures

EKSS / EKDS

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<i>Not available</i>	N/A	<i>Not available</i>	N/A	<i>Not available</i>	N/A
<i>Not available</i>	N/A	<i>Not available</i>	N/A	<i>Not available</i>	N/A
<i>Not available</i>	N/A	<i>Not available</i>	N/A	<i>Not available</i>	N/A
Inner door, DI	184	Inner door, DI * Mild steel, painted in RAL 7035	184	Inner door, DI * Mild steel, painted in RAL 7035	184

Floor Standing Steel Range

Accessories | Full height doors

Door accessories

Mild steel,
combinable enclosures

MCS / MCD

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PLASTIC DOOR SUPPORT DEVICE	For plain and transparent doors	Plastic door support device, DPSL	186
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Mild steel,
compact enclosures

MKS / MKD

Stainless steel,
combinable enclosures

MCSS / MCDS

Stainless steel,
compact enclosures

EKSS / EKDS

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180° door hinges, DHN	183	180° door hinges, DHN * Made in Zamak	183	180° door hinges, DHN * Made in Zamak	183
180° door hinges, DHN	183	<i>Not available</i>	N/A	<i>Not available</i>	N/A
<i>Not available</i>	N/A	<i>Not available</i>	N/A	<i>Not available</i>	N/A
Door stop, DSTP	186	Door stop, DSTP	186	Door stop, DSTP	186
<i>Not available</i>	N/A	<i>Not available</i>	N/A	<i>Not available</i>	N/A
<i>Not available</i>	N/A	<i>Not available</i>	N/A	<i>Not available</i>	N/A
<i>Not available</i>	N/A	<i>Not available</i>	N/A	<i>Not available</i>	N/A
Door wheels, DW	186	Door wheels, DW	186	Door wheels, DW	186
<i>Not available</i>	N/A	<i>Not available</i>	N/A	<i>Not available</i>	N/A
<i>Not available</i>	N/A	<i>Not available</i>	N/A	<i>Not available</i>	N/A
Plastic door support device, DPSL	186	Plastic door support device, DPSL	186	Plastic door support device, DPSL	186
<i>Not available</i>	N/A	<i>Not available</i>	N/A	<i>Not available</i>	N/A
<i>Not available</i>	N/A	<i>Not available</i>	N/A	<i>Not available</i>	N/A
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Floor Standing Steel Range Accessories

Plain doors, DN

- Description:** Standard door equipped with double-bit 3 mm lock system and door frame. Door accessory kit DNMK (hinges, rod catches) to be ordered separately. Allows all the options of the locking program and 180° hinges. Compatible with combinable and compact enclosure ranges.
- Material:** 2 mm steel plate.
- Maximum load:** 800 N.
- Finish:** RAL 7035 structured powder coating.
- Mounting requirement:** Use hinge kit DNMK if no door was fitted previously.
- Pack quantity:** 1 piece.

Plain door

H	W	Item no.
1100	600	DN1106R5
1200	600	DN1206R5
1200	800	DN1208R5
1400	600	DN1406R5
1400	800	DN1408R5
1600	600	DN1606R5
1600	800	DN1608R5
1600	1000	DN1610R5
1800	500	DN1805R5
1800	600	DN1806R5
1800	800	DN1808R5
1800	1000	DN1810R5
2000	500	DN2005R5
2000	600	DN2006R5
2000	800	DN2008R5
2000	1000	DN2010R5
2200	600	DN2206R5
2200	800	DN2208R5

Left door

H	W	Item no.
1200	600	DN1206RR5
1400	500	DN1405RR5
1400	600	DN1406RR5
1600	600	DN1606LR5
1800	400	DN1804LR5
1800	500	DN1805LR5
1800	600	DN1806LR5
1800	800	DN1808LR5
2000	400	DN2004LR5
2000	500	DN2005LR5
2000	600	DN2006LR5
2000	800	DN2008LR5
2200	500	DN2205LR5
2200	600	DN2206LR5

Right door

H	W	Item no.
1200	600	DN1206LR5
1400	500	DN1405LR5
1400	600	DN1406LR5
1600	600	DN1606RR5
1800	400	DN1804RR5
1800	500	DN1805RR5
1800	600	DN1806RR5
1800	800	DN1808RR5
2000	400	DN2004RR5
2000	500	DN2005RR5
2000	600	DN2006RR5
2000	800	DN2008RR5
2200	500	DN2205RR5
2200	600	DN2206RR5



Stainless steel plain door, DNSS

Description:	Standard door equipped with double-bit 3 mm lock system and door frame. Door accessory kit DNMKS (hinges, rod catches) to be ordered separately. Allows all the options of the locking programme and 180° hinges. Compatible with combinable and compact stainless steel enclosure ranges.
Material:	2 mm AISI 304 stainless steel plate / AISI 316L (on request).
Maximum load:	800N.
Finish:	240s pre-grained stainless steel (0.5 microns average).
Pack quantity:	1 piece.
Mounting requirement:	Use hinge kit DNMKS if no door was fitted previously.

Single door

H	W	Item no.
1400	800	DNSS1408
1600	600	DNSS1606
1600	800	DNSS1608
1600	1000	DNSS1610
1800	600	DNSS1806
1800	800	DNSS1808
1800	1000	DNSS1810
2000	600	DNSS2006
2000	800	DNSS2008
2000	1000	DNSS2010

Left door

H	W	Item no.
1200	1200	DNSS1212L
1600	1200	DNSS1612L
1800	1000	DNSS1810L
1800	1200	DNSS1812L
1800	1600	DNSS1816L
2000	1200	DNSS2012L
2000	1600	DNSS2016L

Right door

H	W	Item no.
1200	1200	DNSS1212R
1600	1200	DNSS1612R
1800	1000	DNSS1810R
1800	1200	DNSS1812R
1800	1600	DNSS1816R
2000	1200	DNSS2012R
2000	1600	DNSS2016R



Floor Standing Steel Range Accessories

Glazed doors, DNG

- Description:** Glazed door with fitted clear safety glass to view the inside of the enclosure. Equipped with double-bit 3 mm lock system and door frame. Allows all options of the locking program. Compatible with combinable and compact enclosure ranges.
- Material:** Frame: 2 mm steel plate. Viewing area: 4 mm clear safety glass.
- Finish:** RAL 7035 structured powder coating.
- Protection:** Complies with IP 55 | TYPE 12 | IK 07.
- Pack quantity:** 1 piece.
- Mounting requirement:** Use hinge kit DNMK01 if no door was fitted previously.

For enclosure			
H	W		Item no.
1100	600		DNG1106R5
1200	600		DNG1206R5
1200	800		DNG1208R5
1400	600		DNG1406R5
1400	800		DNG1408R5
1600	600		DNG1606R5
1600	800		DNG1608R5
1800	600		DNG1806R5
1800	800		DNG1808R5
2000	600		DNG2006R5
2000	800		DNG2008R5
2200	600		DNG2206R5
2200	800		DNG2208R5



Transparent door, DNGS

- Description:** Transparent door fitted with clear safety glass to view the inside of the enclosure. Equipped with double-bit 3 mm lock system and door frame. Allows all options of the locking programme.
- Material:** Frame: 2 mm AISI 304 stainless steel plate / AISI 316L (on request). Viewing area: clear safety glass, 4 mm glass thickness.
- Finish:** 240s pre-grained stainless steel (0.5 micron average).
- Protection:** IP 55 | TYPE 12, 13 | IK 10.
- Mounting requirement:** Use hinge kit DNMS01 if not for replacement of standard door.
- Pack quantity:** 1 piece.

For enclosure		Viewing area		
H	W	h	w	Item no.
1400	800	1176	615	DNGS1408
1600	600	1376	415	DNGS1606
1600	800	1376	615	DNGS1608
1600	1000	1376	815	DNGS1610
1800	600	1576	415	DNGS1806
1800	800	1576	615	DNGS1808
1800	1000	1576	815	DNGS1810
2000	600	1776	415	DNGS2006
2000	800	1776	615	DNGS2008
2000	1000	1776	815	DNGS2010

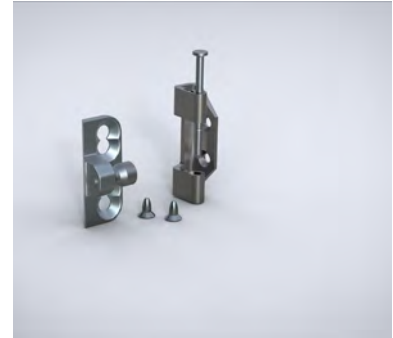


Door mounting kits, DNМК

Description: Door mounting kit for mild steel floor standing enclosures. Required when fitting a door. Only needed when there was no door mounted previously.

Pack quantity: 1 complete kit with hinges, rod catches and mounting accessories.

Description	Item no.
for single door enclosures	DNМК01
for double door enclosures	DNМК02



Door mounting kit, stainless steel floorstanding enclosures, DNМКS

Description: Door mounting kit for stainless steel floor standing enclosures. Required when fitting a door. Only needed when there was no door mounted previously.

Pack quantity: 1 complete kit with hinges, rod catches and mounting accessories.

Description	Item no.
for single door enclosures	DNМКS01
for double door enclosures	DNМКS02



Door hinges 180°, DHN

Description: Adjustable door hinges which allows the door to open 180°. Machining is required.

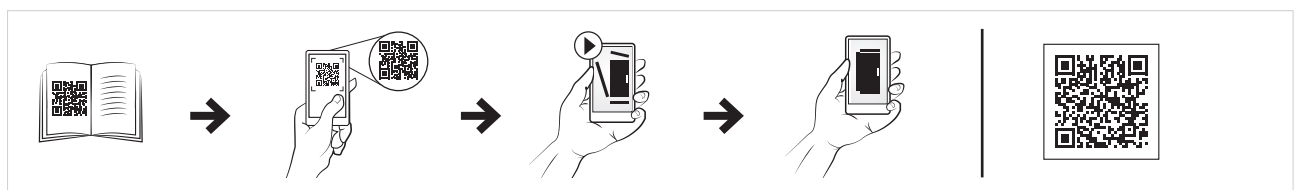
Material: Die-cast alloy.

Finish: Structured blue.

Maximum load: 800N (per kit).

Pack quantity: 4 hinges with mounting accessories.

Item no.
DHN180



Floor Standing Steel Range Accessories

Side door, DNS

- Description:** Instead of the side panel SPM. For easy access to the equipment inside the enclosure or when enclosures are mounted rear to rear.
Lock: standard double-bit 3 mm lock which makes all lock options possible. Door frame optional.
- Material:** 2 mm steel plate.
- Finish:** RAL 7035 structured powder coating.
- Protection:** Complies with IP 55 | TYPE 12 | IK 10.
- Pack quantity:** 1 door including mounting frame.

H	W	Item no.
1800	500	DNS1805R5
1800	600	DNS1806R5
2000	500	DNS2005R5
2000	600	DNS2006R5



Inner doors, DI

- Description:** Inner door provides a hinged mounting surface for equipment behind a standard or glazed front door. A mounting space of 80 mm, is available between the doors when the inner door is in the most forward position. Can be adjusted in depth by steps of 25 mm. The mounting plate remains usable behind the inner door. The door is equipped with two double-bit 3 mm locks, and plastic handles.
- Material:** 1.5 mm mild steel.
- Finish:** RAL 7035 structured powder coating.
- Pack quantity:** 1 door with mounting accessories.

For enclosure		
H	W	Item no.
1200	600	DI1206R5
1200	800	DI1208R5
1400	600	DI1406R5
1400	800	DI1408R5
1600	600	DI1606R5
1600	800	DI1608R5
1800	600	DI1806R5
1800	800	DI1808R5
2000	600	DI2006R5
2000	800	DI2008R5
2200	600	DI2206R5
2200	800	DI2208R5

Other sizes available on request.



01

Floor Standing Enclosures



Floor Standing Steel Range Accessories

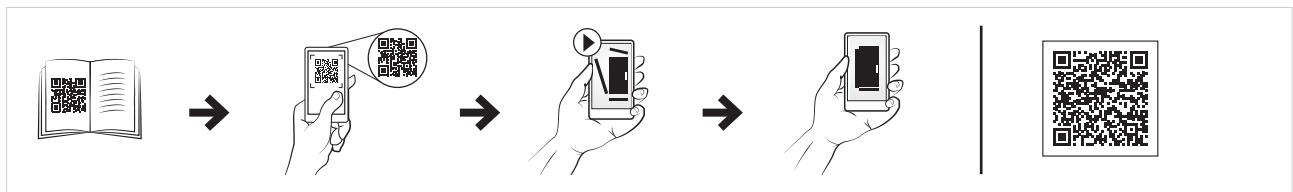
Door stop, DSTP

Description: To lock an open door in position. Mounted directly to the door frame and on the enclosure profile. Allows the enclosure door to be opened up to 110 degrees.

Material: Zinc plated steel.

Pack quantity: 1 piece with mounting accessories.

Item no.
DSTP02



Door wheel, DW

Description: For easier closing and positioning of a heavily equipped door (cooling units, etc). Mounted directly to the door frame on the bottom of the door. Highly recommended when fitting loads from 30 kg on the enclosure door.

Material: Zinc plated steel.

Pack quantity: 2 pieces with mounting accessories.

Item no.
DW01



Door Plastic Support, DPSSL

Description: Helps to centre the door in case of an uneven floor, as well as allowing easier closing and positioning when a heavy load is mounted (cooling units, etc). Mounted directly to the door frame on the bottom and top of the door. Highly recommended when fitting loads from 30 kg on door.

Pack quantity: 2 plastic supports with mounting accessories.

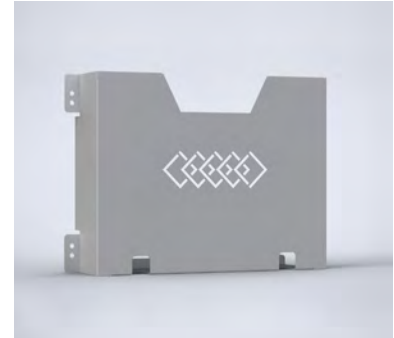
Item no.
DPSSL01



Document pocket, DRB

- Description:** A large steel document pocket fixed directly onto the door frame. Usable depth: 68 mm.
- Material:** 1.35 mm mild steel.
- Finish:** RAL 7035 structured powder coating.
- Pack quantity:** 1 piece with mounting accessories.

Description	Item no.
Universal document pocket 300mm wide	DRB0303R5
for 600 mm doors	DRB600R5
for 800 mm doors	DRB800R5



Document pocket, DRA

- Description:** Self adhesive, for DIN A4.
- Usable depth:** 30 mm.
- Material:** Thermoplastic.
- Finish:** RAL 7035.
- Pack quantity:** 1 document pocket with double sided tape.

Item no.
DRA04



Drawing desk, DDK

- Description:** Mounted directly to the door frame it provides a solid surface for documents, computer or measuring devices. The desk can be easily folded and locked within the door frame space. An automatic safety positioning system locks the desk at angles of 55°, 70° and 90°. The DDK800 can also be mounted on a 1000 mm wide door, by the use of the DCP1002 accessory.
- Material:** 1.35 mm mild steel.
- Finish:** RAL 7035 structured powder coating.
- Pack quantity:** 1 piece with mounting accessories.

W	Item no.
600	DDK600R5
800	DDK800R5



Floor Standing Steel Range Accessories

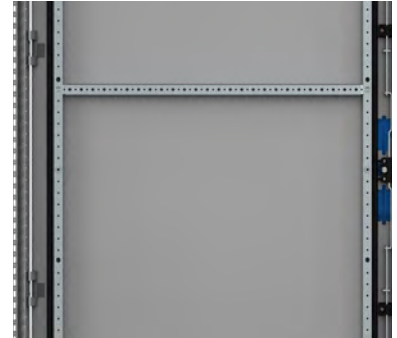
Door frame mounting profiles, DCP

Description: Horizontal profiles with 25 mm hole pattern. Fits directly onto the door frame. For easy mounting of light equipment by using CNT05 screws, hole pattern of 4.5 mm and 6.5 mm in diameter.

Material: 2 mm zinc plated steel.

Pack quantity: 20 bars with mounting accessories.

W	Item no.
400	DCP402
500	DCP502
600	DCP602
800	DCP802
1000	DCP1002



Cable conduit, CON

Description: For flexible and safe protection of cables installed between the door or swing frame and the enclosure's interior. Highly flexible and halogen free.

Material: Polyethylene.

Mounting requirement: Add CONH for direct mounting to profiles.

Pack quantity: 25 m.

Diameter	Item no.
16	CON16
29	CON29
36	CON36
48	CON48



Cable conduit UL approved, CONU

Description: For flexible and safe protection of cables installed between the door or swing frame and the enclosure's interior. Highly flexible and halogen free.

Material: Polyamide. UL approved.

Mounting requirement: Add CONH for direct mounting to profiles.

Pack quantity: 25 m.

Diameter	Item no.
16	CONU16
29	CONU29
36	CONU36
48	CONU48



CONU available only on request.

Universal conduit holder, CONH

Description: Universal holder for cable conduit CON. Can be mounted horizontally or vertically on any 25 mm hole pattern of the door frame, enclosure frame or accessory profile.

Material: Polycarbonate.

Pack quantity: 10 pieces.

Diameter	Item no.
16	CONH16
29	CONH29
36	CONH36
48	CONH48



Door switch, DSW

Description: Door switch to activate any electrical device (lighting, signalling, alarms, etc.). Can be mounted after installing the enclosure thereby keeping the door opening free. Fixed on the inside hole pattern of the enclosure's frame in floor standing enclosures. Cable entry M20.

Switch capacity: 3A / 240V.

Approvals: CE, EAC, cULus_UL Listed.

Pack quantity: 1 piece with mounting accessories.

Item no.
DSW01



Universal keyboard tray, UKT

Description: Horizontal hinged keyboard tray with lateral sliding mouse pad (L.H. or R.H.). Equipped with panel stay. When the tray is folded out, the enclosure is sealed for dust ingress by a closed chamber.

Material: 1.75 mm steel plate.

Finish: RAL 7035 structured powder coating.

Pack quantity: 1 door with hinges, lock, keyboard mounting support, mouse pad and mounting accessories.

H	W	Item no.
250	600	UKT06R5
250	800	UKT08R5



Floor Standing Steel Range Accessories

Viewing window, ADA

- Description:** Viewing window when used in combination with mounting kit ADAMK. The double-bit 3 mm lock can be replaced by any optional insert or handle. It increases the enclosure depth by 10 mm.
- Material:** Aluminium and 3 mm acrylic glass.
- Finish:** Anodised aluminium.
- Protection:** Complies with IP 54.
- Pack quantity:** 1 viewing window.

For enclosure		Viewing area		N° of locks	Item no.
H	W	h	w		
300	300	226	226	1	ADA03030
400	300	326	226	1	ADA04030
400	400	326	326	1	ADA04040
400	600	326	526	1	ADA04060
500	300	426	226	1	ADA05030
500	400	426	326	1	ADA05040



Viewing window, ADAB

- Description:** Viewing window when used in combination with mounting kit ADABMK. The 3 mm DIN lock can be replaced by any optional insert or handle. It increases the enclosure depth in 35 mm.
- Material:** Aluminium and 3 mm acrylic glass.
- Finish:** Anodised aluminium.
- Protection:** Complies with IP 54.
- Pack quantity:** 1 viewing window.

For enclosure		Viewing area		N° of locks	Item no.
H	W	h	w		
600	400	522	322	2	ADAB06040
600	600	522	522	2	ADAB06060
600	800	522	722	2	ADAB06080
700	500	622	422	2	ADAB07050
800	600	722	522	2	ADAB08060
1000	800	922	722	2	ADAB10080
1200	600	1122	522	2	ADAB12060
1200	800	1122	722	2	ADAB12080



Mounting kits, ADAMK/ADABMK

- Description:** With this kit the glazed doors ADA/ADAB can be used as viewing windows on any enclosure surface, to provide protection for displays and other control components.

For	Item no.
ADA	ADAMK
ADAB	ADABMK

Not suitable for AFS.



01

Floor Standing Enclosures

1



Floor Standing Steel Range

Accessories | Locking

Locking systems for complete doors

Mild steel,
combinable enclosures

MCS / MCD

		Required accessories	Page
STANDARD LOCK COVER	Insert double bit 3 mm	<i>Additional accessories not required</i>	N/A
	Other inserts available in Eldon's portfolio	Inserts for standard lock cover, LI	202
LIFT HANDLE FOR ROUND CYLINDERS, WITHOUT PADLOCKING	Square, triangle or double-bit insert	Lifting handle lock cover, LLH501 Locking system insert for lift handles, LHC523/LHC524/LHC526/LHC527/LHC528/LHC529	202 203
		Ronis key C21323	Lifting handle lock cover, LLH501 Locking system insert for lift handles, LHC522
	Daimler Benz	Lifting handle lock cover, LLH501 Locking system insert for lift handles, LHC530	202 203
	Push button	Lifting handle lock cover, LLH501 Locking system insert for lift handles, LHC536	202 203
	Other key numbers available on request	Lifting handle lock cover, LLH501 Locking system insert for lift handles, LHCXXX	202 203
	LIFT HANDLE FOR ROUND CYLINDERS, WITH PADLOCKING	Square, triangle or double-bit insert	Lifting handle lock cover, LLH503 Locking system insert for lift handles, LHC523/LHC524/LHC526/LHC527/LHC528/LHC529
Ronis key C21323			Lifting handle lock cover, LLH503 Locking system insert for lift handles, LHC522
Daimler Benz		Lifting handle lock cover, LLH503 Locking system insert for lift handles, LHC530	202 203
Push button		Lifting handle lock cover, LLH503 Locking system insert for lift handles, LHC536	202 203
Other key numbers available on request		Lifting handle lock cover, LLH503 Locking system insert for lift handles, LHCXXX	202 203
LIFT HANDLE FOR HALF CYLINDERS, WITHOUT PADLOCKING		Ronis key C21323	Lifting handle lock cover, LLH502 Locking system insert for lift handles, LHC521
	Cover plate, MMG. Required when some cut-outs are not used	Lifting handle lock cover, LLH502 Locking system insert for lift handles, LHC533	202 203

Mild steel,
compact enclosures

MKS / MKD

Stainless steel,
combinable enclosures

MCSS / MCDS

Stainless steel,
compact enclosures

EKSS / EKDS

Required accessories	Page	Required accessories	Page	Required accessories	Page
<i>Additional accessories not required</i>	N/A	<i>Additional accessories not required</i>	N/A	<i>Additional accessories not required</i>	N/A
Inserts for standard lock cover, LI	202	Inserts for standard lock cover, LI	202	Inserts for standard lock cover, LI	202
Lifting handle lock cover, LLH501 Locking system insert for lift handles, LHC523/LHC524/LHC526/LHC527/ LHC528/LHC529	202 203	Lifting handle lock cover, LLHS501 Locking system insert for lift handles, LHC523/LHC524/LHC526/LHC527/ LHC528/LHC529	202 203	Lifting handle lock cover, LLHS501 Locking system insert for lift handles, LHC523/LHC524/LHC526/LHC527/ LHC528/LHC529	202 203
Lifting handle lock cover, LLH501 Locking system insert for lift handles, LHC522	202 203	Lifting handle lock cover, LLHS501 Locking system insert for lift handles, LHC522	202 203	Lifting handle lock cover, LLHS501 Locking system insert for lift handles, LHC522	202 203
Lifting handle lock cover, LLH501 Locking system insert for lift handles, LHC530	202 203	Lifting handle lock cover, LLHS501 Locking system insert for lift handles, LHC530	202 203	Lifting handle lock cover, LLHS501 Locking system insert for lift handles, LHC530	202 203
Lifting handle lock cover, LLH501 Locking system insert for lift handles, LHC536	202 203	Lifting handle lock cover, LLHS501 Locking system insert for lift handles, LHC536	202 203	Lifting handle lock cover, LLHS501 Locking system insert for lift handles, LHC536	202 203
Lifting handle lock cover, LLH501 Locking system insert for lift handles, LHCXXX	202 203	Lifting handle lock cover, LLHS501 Locking system insert for lift handles, LHCXXX	202 203	Lifting handle lock cover, LLHS501 Locking system insert for lift handles, LHCXXX	202 203
Lifting handle lock cover, LLH503 Locking system insert for lift handles, LHC523/LHC524/LHC526/LHC527/ LHC528/LHC529	202 203	Lifting handle lock cover, LLH503 Locking system insert for lift handles, LHC523/LHC524/LHC526/LHC527/ LHC528/LHC529 * RAL 5013	202 203	Lifting handle lock cover, LLH503 Locking system insert for lift handles, LHC523/LHC524/LHC526/LHC527/ LHC528/LHC529 * RAL 5013	202 203
Lifting handle lock cover, LLH503 Locking system insert for lift handles, LHC522	202 203	Lifting handle lock cover, LLH503 Locking system insert for lift handles, LHC522 * RAL 5013	202 203	Lifting handle lock cover, LLH503 Locking system insert for lift handles, LHC522 * RAL 5013	202 203
Lifting handle lock cover, LLH503 Locking system insert for lift handles, LHC530	202 203	Lifting handle lock cover, LLH503 Locking system insert for lift handles, LHC530 * RAL 5013	202 203	Lifting handle lock cover, LLH503 Locking system insert for lift handles, LHC530 * RAL 5013	202 203
Lifting handle lock cover, LLH503 Locking system insert for lift handles, LHC536	202 203	Lifting handle lock cover, LLH503 Locking system insert for lift handles, LHC536 * RAL 5013	202 203	Lifting handle lock cover, LLH503 Locking system insert for lift handles, LHC536 * RAL 5013	202 203
Lifting handle lock cover, LLH503 Locking system insert for lift handles, LHCXXX	202 203	Lifting handle lock cover, LLH503 Locking system insert for lift handles, LHCXXX * RAL 5013	202 203	Lifting handle lock cover, LLH503 Locking system insert for lift handles, LHCXXX * RAL 5013	202 203
Lifting handle lock cover, LLH502 Locking system insert for lift handles, LHC521	202 203	Lifting handle lock cover, LLHS502 Locking system insert for lift handles, LHC521	202 203	Lifting handle lock cover, LLHS502 Locking system insert for lift handles, LHC521	202 203
Lifting handle lock cover, LLH502 Locking system insert for lift handles, LHC533	202 203	Lifting handle lock cover, LLHS502 Locking system insert for lift handles, LHC533	202 203	Lifting handle lock cover, LLHS502 Locking system insert for lift handles, LHC533	202 203

Floor Standing Steel Range

Accessories | Locking

Locking systems for complete doors

Mild steel,
combinable enclosures

MCS / MCD

		Required accessories	Page
LIFT HANDLE FOR HALF CYLINDERS, WITHOUT PADLOCKING	Ronis key 2132E	Lifting handle lock cover, LLH502 Locking system insert for lift handles, LHC5212132E	202 203
	Ronis key 3121E	Lifting handle lock cover, LLH502 Locking system insert for lift handles, LHC5213121E	202 203
	Adapter for ASSA Abloy and TrioVing cylinders	Lifting handle lock cover, LLH502 Locking system insert for lift handles, LHC535	202 203
	Adapter for Ronis half cylinders	Lifting handle lock cover, LLH502 Locking system insert for lift handles, LHC534	202 203
	Other key numbers available on request	Lifting handle lock cover, LLH502 Locking system insert for lift handles, LHCXXX	202 203
LIFT HANDLE FOR HALF CYLINDERS, WITH PADLOCKING	Ronis key C21323	Lifting handle lock cover, LLH504 Locking system insert for lift handles, LHC521	202 203
	Cylinder N°E1 (VW), key excluded	Lifting handle lock cover, LLH504 Locking system insert for lift handles, LHC533	202 203
	Ronis key C2132E	Lifting handle lock cover, LLH504 Locking system insert for lift handles, LHC5212132E	202 203
	Ronis key C3121E	Lifting handle lock cover, LLH504 Locking system insert for lift handles, LHC5213121E	202 203
	Adapter for ASSA Abloy and TrioVing cylinders	Lifting handle lock cover, LLH504 Locking system insert for lift handles, LHC535	202 203
	Adapter for Ronis half cylinders	Lifting handle lock cover, LLH504 Locking system insert for lift handles, LHC534	202 203
	Other key numbers available on request	Lifting handle lock cover, LLH504 Locking system insert for lift handles, LHCXXX	202 203
T-HANDLE	Without cylinder	T-handle, LLTH560CE	203
	Ronis key C21323	T-handle, LLTH560	203
	Ronis key C2132E	T-handle, LLTH5602132E	203
	Ronis key C3121E	T-handle, LLTH5603121E	203
	Ronis key C3524E	T-handle, LLTH5603524E	203

Mild steel,
compact enclosures

MKS / MKD

Stainless steel,
combinable enclosures

MCSS / MCDS

Stainless steel,
compact enclosures

EKSS / EKDS

Required accessories	Page	Required accessories	Page	Required accessories	Page
Lifting handle lock cover, LLH502 Locking system insert for lift handles, LHC5212132E	202 203	Lifting handle lock cover, LLHS502 Locking system insert for lift handles, LHC5212132E	202 203	Lifting handle lock cover, LLHS502 Locking system insert for lift handles, LHC5212132E	202 203
Lifting handle lock cover, LLH502 Locking system insert for lift handles, LHC5213121E	202 203	Lifting handle lock cover, LLHS502 Locking system insert for lift handles, LHC5213121E	202 203	Lifting handle lock cover, LLHS502 Locking system insert for lift handles, LHC5213121E	202 203
Lifting handle lock cover, LLH502 Locking system insert for lift handles, LHC535	202 203	Lifting handle lock cover, LLHS502 Locking system insert for lift handles, LHC535	202 203	Lifting handle lock cover, LLHS502 Locking system insert for lift handles, LHC535	202 203
Lifting handle lock cover, LLH502 Locking system insert for lift handles, LHC534	202 203	Lifting handle lock cover, LLHS502 Locking system insert for lift handles, LHC534	202 203	Lifting handle lock cover, LLHS502 Locking system insert for lift handles, LHC534	202 203
Lifting handle lock cover, LLH502 Locking system insert for lift handles, LHCXXX	202 203	Lifting handle lock cover, LLHS502 Locking system insert for lift handles, LHCXXX	202 203	Lifting handle lock cover, LLHS502 Locking system insert for lift handles, LHCXXX	202 203
Lifting handle lock cover, LLH504 Locking system insert for lift handles, LHC521	202 203	Lifting handle lock cover, LLH504 Locking system insert for lift handles, LHC521 * RAL 5013	202 203	Lifting handle lock cover, LLH504 Locking system insert for lift handles, LHC521 * RAL 5013	202 203
Lifting handle lock cover, LLH504 Locking system insert for lift handles, LHC533	202 203	Lifting handle lock cover, LLH504 Locking system insert for lift handles, LHC533 * RAL 5013	202 203	Lifting handle lock cover, LLH504 Locking system insert for lift handles, LHC533 * RAL 5013	202 203
Lifting handle lock cover, LLH504 Locking system insert for lift handles, LHC5212132E	202 203	Lifting handle lock cover, LLH504 Locking system insert for lift handles, LHC5212132E * RAL 5013	202 203	Lifting handle lock cover, LLH504 Locking system insert for lift handles, LHC5212132E * RAL 5013	202 203
Lifting handle lock cover, LLH504 Locking system insert for lift handles, LHC5213121E	202 203	Lifting handle lock cover, LLH504 Locking system insert for lift handles, LHC5213121E * RAL 5013	202 203	Lifting handle lock cover, LLH504 Locking system insert for lift handles, LHC5213121E * RAL 5013	202 203
Lifting handle lock cover, LLH504 Locking system insert for lift handles, LHC535	202 203	Lifting handle lock cover, LLH504 Locking system insert for lift handles, LHC535 * RAL 5013	202 203	Lifting handle lock cover, LLH504 Locking system insert for lift handles, LHC535 * RAL 5013	202 203
Lifting handle lock cover, LLH504 Locking system insert for lift handles, LHC534	202 203	Lifting handle lock cover, LLH504 Locking system insert for lift handles, LHC534 * RAL 5013	202 203	Lifting handle lock cover, LLH504 Locking system insert for lift handles, LHC534 * RAL 5013	202 203
Lifting handle lock cover, LLH504 Locking system insert for lift handles, LHCXXX	202 203	Lifting handle lock cover, LLH504 Locking system insert for lift handles, LHCXXX * RAL 5013	202 203	Lifting handle lock cover, LLH504 Locking system insert for lift handles, LHCXXX * RAL 5013	202 203
T-handle, LLTH560CE	203	T-handle, LLTH560CE * RAL 5013	203	T-handle, LLTH560CE * RAL 5013	203
T-handle, LLTH560	203	T-handle, LLTH560 * RAL 5013	203	T-handle, LLTH560 * RAL 5013	203
T-handle, LLTH5602132E	203	T-handle, LLTH5602132E * RAL 5013	203	T-handle, LLTH5602132E * RAL 5013	203
T-handle, LLTH5603121E	203	T-handle, LLTH5603121E * RAL 5013	203	T-handle, LLTH5603121E * RAL 5013	203
T-handle, LLTH5603524E	203	T-handle, LLTH5603524E * RAL 5013	203	T-handle, LLTH5603524E * RAL 5013	203

Floor Standing Steel Range

Accessories | Locking

Locking systems for partial doors

Mild steel,
combinable enclosures

MCS / MCD

		Required accessories	Page
STANDARD LOCK COVER	Insert double bit 3 mm	<i>Additional accessories not required</i>	N/A
	Other inserts available in Eldon's portfolio	Inserts for standard lock cover, ALI	529
KEY LOCK	Chrome plated lock with cylinder, Ronis key M21323	Key lock, ALL508	340
	Polyamide lock with cylinder, key 5333	Key lock, ALL509	340
	Polyamide Eldon lock with cylinder, Ronis key M21323	Key lock, ALL510	340
HANDLE	Plastic handle	Handle, ALT560	341
	Chrome plated T-handle with cylinder, key M21323	Handle, ALT561	341
	Chrome plated handle with cylinder, key M21323	Handle, ALT562	341
	Plastic handle with cylinder, key 5333	Handle, ALT563	341
PADLOCKING	Padlocking cover to be used with the standard lock cover or key lock	Padlocking, PLC01	340

Mild steel,
compact enclosures

MKS / MKD

Stainless steel,
combinable enclosures

MCSS / MCDS

Stainless steel,
compact enclosures

EKSS / EKDS

Required accessories	Page	Required accessories	Page	Required accessories	Page
<i>Additional accessories not required</i>	N/A	<i>Not available</i>	N/A	<i>Not available</i>	N/A
Inserts for standard lock cover, ALI	529	<i>Not available</i>	N/A	<i>Not available</i>	N/A
Key lock, ALL508	340	<i>Not available</i>	N/A	<i>Not available</i>	N/A
Key lock, ALL509	340	<i>Not available</i>	N/A	<i>Not available</i>	N/A
Key lock, ALL510	340	<i>Not available</i>	N/A	<i>Not available</i>	N/A
Handle, ALT560	341	<i>Not available</i>	N/A	<i>Not available</i>	N/A
Handle, ALT561	341	<i>Not available</i>	N/A	<i>Not available</i>	N/A
Handle, ALT562	341	<i>Not available</i>	N/A	<i>Not available</i>	N/A
Handle, ALT563	341	<i>Not available</i>	N/A	<i>Not available</i>	N/A
Padlocking, PLC01	340	<i>Not available</i>	N/A	<i>Not available</i>	N/A

Floor Standing Steel Range

Accessories | Locking

Keys

Mild steel,
combinable enclosures

MCS / MCD

Required accessories

Page

KEYS			
	Plastic double-bit 3 mm key	Key, LSK502	204
	Metallic double-bit 3 mm key	Key, LSK503	204
	Metallic double-bit 5 mm key	Key, LSK505	204
	Metallic square 7 mm key	Key, LSK523	204
	Metallic square 8 mm key	Key, LSK524	204
	Metallic triangle 7 mm key	Key, LSK526	204
	Metallic triangle 8 mm key	Key, LSK527	204
	Multi key with double-bit 5 mm, square 8 mm, triangle 8 mm, and hexagonal adaptor	Multi key, LSMK01	204

Mild steel,
compact enclosures

MKS / MKD

Stainless steel,
combinable enclosures

MCSS / MCDS

Stainless steel,
compact enclosures

EKSS / EKDS

Required accessories	Page	Required accessories	Page	Required accessories	Page
Key, LSK502	204	Key, LSK502	204	Key, LSK502	204
Key, LSK503	204	Key, LSK503	204	Key, LSK503	204
Key, LSK505	204	Key, LSK505	204	Key, LSK505	204
Key, LSK523	204	Key, LSK523	204	Key, LSK523	204
Key, LSK524	204	Key, LSK524	204	Key, LSK524	204
Key, LSK526	204	Key, LSK526	204	Key, LSK526	204
Key, LSK527	204	Key, LSK527	204	Key, LSK527	204
Multi key, LSMK01	204	Multi key, LSMK01	204	Multi key, LSMK01	204

Floor Standing Steel Range

Accessories | Locking

Interlocking system

Mild steel,
combinable enclosures

MCS / MCD

Required accessories

Page

		Required accessories	Page
ASSEMBLY WITH FLANGE MOUNT DISCONNECT	Single enclosure	Flange mount disconnect floor standing enclosure, MCF Main door interlock kit, FMD	40 204
	Bayed enclosure assembly	Flange mount disconnect floor standing enclosure, MCF Additional slave enclosures, MCS Main door interlock kit, FMD System actuator, FMA One per slave enclosure Interlock bar, FMB One per slave enclosure (same width) Slave door interlock kit, FMS One per slave enclosure	40 18 204 205 205 205 205
DOOR INTERLOCKING FOR TWO DOORS	Bayed enclosure assembly	Main enclosure, MCS Slave enclosures, MCS System actuator, FMA One per slave enclosure Interlock bar, FMB One per slave enclosure (same width) Slave door interlock kit, FMS One per slave enclosure	18 18 205 205 205 205

Mild steel,
compact enclosures

MKS / MKD

Stainless steel,
combinable enclosures

MCSS / MCDS

Stainless steel,
compact enclosures

EKSS / EKDS

Required accessories	Page	Required accessories	Page	Required accessories	Page
Not available	N/A	Not available	N/A	Not available	N/A
Not available	N/A	Not available	N/A	Not available	N/A
Not available	N/A	Main enclosure, MCS Slave enclosures, MCS System actuator, FMA One per slave enclosure Interlock bar, FMB One per slave enclosure (same width) Slave door interlock kit, FMS One per slave enclosure	18 18 205 205 205	Not available	N/A

Floor Standing Steel Range Accessories

Inserts, LI

Description: Inserts to replace the standard double-bit 3 mm insert in the standard lock cover.

Material: Zamak.

Pack quantity: 1 piece.



Description	Item no.
Double-bit 3 mm	LI503
Double-bit 5 mm	LI505
Square 7 mm	LI523
Square 8 mm	LI524
Triangular 7 mm	LI526
Triangular 8 mm	LI527
Daimler Benz	LI530

Lift handle lock cover, LLH

Description: Lift handle for LHC locking inserts/half cylinders.

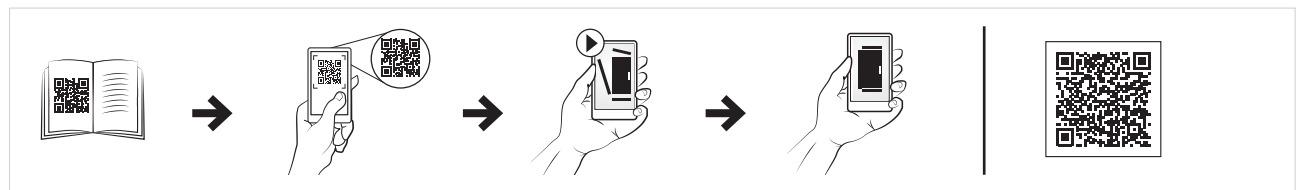
Material: Zamak.

Pack quantity: 1 lift handle.

Mounting requirement: Add LHC inserts/half cylinders when required.



Description	Finish	Compatible inserts	Item no.
Without padlocking	RAL 5013	LHC522 / LHC523 / LHC524 / LHC526 / LHC527 / LHC528 / LHC529 / LHC530 / LHC536	LLH501
Without padlocking	Chrome	LHC522 / LHC523 / LHC524 / LHC526 / LHC527 / LHC528 / LHC529 / LHC530 / LHC536	LLHS501
Without padlocking	RAL 5013	LHC533 / LHC534 / LHC535 / LHC5212132E / LHC5213121E	LLH502
Without padlocking	Chrome	LHC533 / LHC534 / LHC535 / LHC5212132E / LHC5213121E	LLHS502
With padlocking	RAL 5013	LHC522 / LHC523 / LHC524 / LHC526 / LHC527 / LHC528 / LHC529 / LHC530 / LHC536	LLH503
With padlocking	RAL 5013	LHC533 / LHC534 / LHC535 / LHC5212132E / LHC5213121E	LLH504



Locking system for lift handle, LHC

Description: Profile half cylinder locks. To be used in the lift handles LHC.

Pack quantity: 1 piece.

Description	Compatible handle	Item no.
Profile half cylinder Ronis key C21323	LLH502/LLHS502/LLH504	LHC521
Round cylinder Ronis key C21323	LLH501/LLHS501/LLH503	LHC522
Square 7 mm	LLH501/LLHS501/LLH503	LHC523
Square 8 mm	LLH501/LLHS501/LLH503	LHC524
Triangle 7 mm	LLH501/LLHS501/LLH503	LHC526
Triangle 8 mm	LLH501/LLHS501/LLH503	LHC527
Double-bit 3 mm	LLH501/LLHS501/LLH503	LHC528
Double-bit 5 mm	LLH501/LLHS501/LLH503	LHC529
Daimler Benz	LLH501/LLHS501/LLH503	LHC530
Cylinder N°E1 (VW), key excluded	LLH502/LLHS502/LLH504	LHC533
Adapter for other profile half cylinders (DIN18252)	LLH502/LLHS502/LLH504	LHC534
Adapter for ASSA ABLOY and Trivolving cylinders	LLH502/LLHS502/LLH504	LHC535
Push button only	LLH501/LLHS501/LLH503	LHC536
Profile half cylinder Ronis key 2132E	LLH502/LLHS502/LLH504	LHC52132E
Profile half cylinder Ronis key 3121E	LLH502/LLHS502/LLH504	LHC5213121E

* Other key numbers available on request.

** Key numbers 333, 1333, EK333 and GX130 are equal.

*** Order separate key LSMK for Square 8 mm and Triangle 8 mm.



T-handles, LLTH

Description: T-handle with or without Ronis cylinder lock.

Material: Handle: plastic. Lock: steel.

Pack quantity: 1 piece.

Description	Item no.
Without cylinder	LLTH560CE
With Ronis cylinder key nr. C21323	LLTH560
With Ronis cylinder key nr. 2132E	LLTH5602132E
With Ronis cylinder key nr. 3121E	LLTH5603121E
With Ronis cylinder key nr. 3524E	LLTH5603524E



Floor Standing Steel Range Accessories

Keys, LSK

Description: Key with Eldon logo. Easy to use design, providing a good grip.

Pack quantity: 1 piece.

Description	Material	Item no.
Double-bit 3 mm	Plastic	LSK502
Double-bit 3 mm	Metalic	LSK503
Double-bit 5 mm	Metalic	LSK505
Square 7 mm	Metalic	LSK523
Square 8 mm	Metalic	LSK524
Triangle 7 mm	Metalic	LSK526
Triangle 8 mm	Metalic	LSK527

Not suitable for AFS.



Multi key, LSMK

Description: Multi-Key function with Eldon logo and a different key in every end: double-bit 5 mm, square 8 mm, triangle 8 mm and a standard hexagonal adaptor to use with the screw ends.

Material: Steel.

Pack quantity: 1 piece.

Item no.
LSMK01

Not suitable for AFS.



Main door interlock kit, FMD

Description: Locks or releases the main door after the power has been switched. Universal adapter permits all popular manufacturers variable depth actuators without modification.

Material: Zinc plated steel.

Pack quantity: 1 piece with mounting material.

Item no.
FMD01



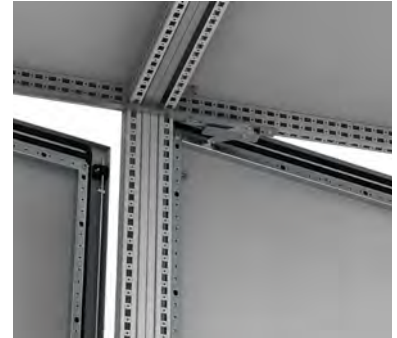
System actuator, FMA

Description: Used with suited multiple enclosure installations. Activates the locking of the slave doors when the master door is closed. One per master door.

Material: Zinc plated steel.

Pack quantity: 1 piece with mounting material.

Item no.
FMA01



Interlock bar, FMB

Description: For MCF/MCS enclosures. Interlock rods mechanically link all slave doors to the master door. Rod length corresponds to enclosure door width.

Material: Zinc plated steel.

Pack quantity: 5 pieces with mounting material.

W	Item no.
600	FMB600
800	FMB800
1000	FMB1000
1200	FMB1200



Slave door interlock kit, FMS

Description: Mounted to the slave door of both single and double door enclosures. Slave door is prevented from opening when master door is closed. This safety feature can be activated separately even when the main door interlocking device is not installed. One set per slave door is needed.

Material: Zinc plated steel.

Pack quantity: 1 set with mounting material.

Item no.
FMS01



Floor Standing Steel Range

Accessories | Partial doors

Partial doors

Mild steel, combinable enclosures

MCS / MCD

		Required accessories	Page
VERTICAL DIVISION	Vertical division with front hole pattern	Vertical dividers, CDV	208
	Vertical division with front and rear hole pattern	Vertical dividers, CDV	208
		Vertical dividing bars, VB	121
		One piece Fixing brackets, VBK	121
Vertical division with front, rear, top and bottom hole pattern	Vertical dividers, CDV	208	
	Vertical dividing bars, VB	121	
	One piece		
	Depth dividing bars, VBD Fixing brackets, VBK	121 121	
VERTICAL SECTION WITH PLAIN TOP AND BOTTOM FRONT PANELS	Vertical section with partial doors and panels	Top and bottom panels, DPC	209
		Configuration of partial doors, DP	210
		Configuration of partial panels, DPP	211
		Horizontal dividers, CDH Qty = N° of DP + N° of DPP + 1 * Partial doors, DP , and partial panels, DPP , can be used in different configurations to cover an enclosure. The area that can be covered is the enclosure height, less 200 mm.	208
Vertical section with door for cabling	Top and bottom panels, DPC	209	
	Cable space door, DPA	212	
	Height of the enclosure, less 200 mm Horizontal dividers, CDH . 2 pcs	208	
Vertical section with panel for busbars	Vertical front panel, DPB Total height of the enclosure	212	
VERTICAL SECTION WITH VENTILATED TOP AND BOTTOM FRONT PANELS	Vertical section with partial doors and panels	Ventilated top and bottom panels, DPCV	209
		Configuration of partial doors, DP	210
		Configuration of partial panels, DPP	211
		Horizontal dividers, CDH Qty = N° of DP + N° of DPP + 1 * Partial doors, DP , and partial panels, DPP , can be used in different configurations to cover an enclosure. The area that can be covered is the enclosure height, less 200 mm.	208
Vertical section with door for cabling	Ventilated top and bottom panels, DPCV	209	
	Cable space door, DPA	212	
	Height of the enclosure, less 200 mm Horizontal dividers, CDH . 2 pcs	208	
Vertical section with panel for busbars	Vertical front panel, DPB Total height of the enclosure	212	

Mild steel, compact enclosures

Stainless steel, combinable enclosures

Stainless steel, compact enclosures

MKS / MKD

MCSS / MCDS

EKSS / EKDS

Required accessories	Page	Required accessories	Page	Required accessories	Page
Vertical dividers, CDV	208	<i>Not available</i>	N/A	<i>Not available</i>	N/A
Vertical dividers, CDV Vertical dividing bars, VB One piece Fixing brackets, VBK	208 121 121	<i>Not available</i>	N/A	<i>Not available</i>	N/A
Vertical dividers, CDV Vertical dividing bars, VB One piece Depth dividing bars, VBD Fixing brackets, VBK	208 121 121 121 121	<i>Not available</i>	N/A	<i>Not available</i>	N/A
Top and bottom panels, DPC Configuration of partial doors, DP Configuration of partial panels, DPP Horizontal dividers, CDHK Qty = N° of DP + N° of DPP + 1 * Partial doors, DP , and partial panels, DPP , can be used in different configurations to cover an enclosure. The area that can be covered is the enclosure height, less 200 mm.	209 210 211 208	<i>Not available</i>	N/A	<i>Not available</i>	N/A
Top and bottom panels, DPC Cable space door, DPA Height of the enclosure, less 200 mm Horizontal dividers, CDHK . 2 pcs	209 212 208	<i>Not available</i>	N/A	<i>Not available</i>	N/A
Vertical front panel, DPB Total height of the enclosure	212	<i>Not available</i>	N/A	<i>Not available</i>	N/A
Ventilated top and bottom panels, DPCV Configuration of partial doors, DP Configuration of partial panels, DPP Horizontal dividers, CDHK Qty = N° of DP + N° of DPP + 1 * Partial doors, DP , and partial panels, DPP , can be used in different configurations to cover an enclosure. The area that can be covered is the enclosure height, less 200 mm.	209 210 211 208	<i>Not available</i>	N/A	<i>Not available</i>	N/A
Ventilated top and bottom panels, DPCV Cable space door, DPA Height of the enclosure, less 200 mm Horizontal dividers, CDHK . 2 pcs	209 212 208	<i>Not available</i>	N/A	<i>Not available</i>	N/A
Vertical front panel, DPB Total height of the enclosure	212	<i>Not available</i>	N/A	<i>Not available</i>	N/A

Floor Standing Steel Range Accessories

Vertical dividers, CDV

- Description:** The profile is identical to the enclosure's frame and provides vertical separation of the enclosure when partial doors or panels are fitted. Can be mounted in 200 mm steps.
- Material:** Front profile: 2 mm mild steel. Inner profile: 1.75 mm zinc plated steel.
- Finish:** RAL 7035 structured powder coating.
- Pack quantity:** 1 set of profiles with mounting accessories.

For enclosure	
H	Item no.
1800	CDV1800R5
2000	CDV2000R5
2200	CDV2200R5



Horizontal dividers, CDH

- Description:** Used when the enclosure requires horizontal separation for partial doors or panels. Mounted on the outside hole pattern of the combinable mild steel floor standing enclosure range.
- Material:** 2 mm zinc plated steel.
- Mounting requirement:** CDH Pieces = number of doors/panels + 1.
- Pack quantity:** 2 profiles with mounting accessories.

W	Item no.
400	CDH400
600	CDH600
800	CDH800



Horizontal dividers, CDHK

- Description:** Used when the enclosure requires horizontal divisions. Can be mounted on the hole pattern of the compact mild steel floor standing enclosure range.
- Material:** 2 mm zinc plated steel.
- Pack quantity:** 2 profiles with mounting accessories.

W	Item no.
400	CDHK400
600	CDHK600
800	CDHK800



Top and bottom panels, DPC

- Description:** Required to cover the remaining space at the top and bottom. Used in combination with horizontal dividers CDH, partial doors DP, partial panels DPP and cable space door DPA.
- Material:** 1.75 mm steel plate.
- Finish:** RAL 7035 structured powder coating.
- Protection:** Complies with IP 44. For IP 21 delivered without gasket.
- Mounting requirement:** DPC covers 200 mm in height of the enclosure. So for a 2000 mm high enclosure when DPC is used, there is 1800 mm space left for partial doors/panels.
- Pack quantity:** Top and bottom panel with mounting accessories.

H	W	Item no.
100+70	400	DPC0714R5
100+70	600	DPC0716R5
100+70	800	DPC0718R5



Ventilated top and bottom panels, DPCV

- Description:** Required to cover the remaining space at the top and bottom. With ventilation slots for added heat dissipation in switchgear enclosures. Used in combination with horizontal dividers CDH, partial doors DP, partial panels DPP and cable space door DPA.
- Material:** 1.75 mm steel plate.
- Finish:** RAL 7035 structured powder coating.
- Protection:** Complies with IP 20.
- Mounting requirement:** DPCV covers 200 mm in height of the enclosure. So for a 2000 mm high enclosure when DPCV is used, there is 1800 mm space left for partial doors/panels.
- Pack quantity:** 2 panels with mounting accessories.

Height top	Height bottom	W	Item no.
70	100	400	DPCV0714R5
70	100	600	DPCV0716R5
70	100	800	DPCV0718R5



Floor Standing Steel Range Accessories

Partial doors, DP

- Description:** To divide the enclosure front into sections when used in conjunction with the horizontal divider CDH/CHDK. Equipped with double-bit 3 mm lock (1 lock up to 400 mm, over 400 mm height 2 locks).
- Material:** 1.75 mm steel plate.
- Finish:** RAL 7035 structured powder coating.
- Protection:** Complies with IP 44.
- Pack quantity:** 1 door with hinges, locks and mounting accessories.
- Mounting requirement:** Add CDH for MC frames and use CDHK for MK frames.

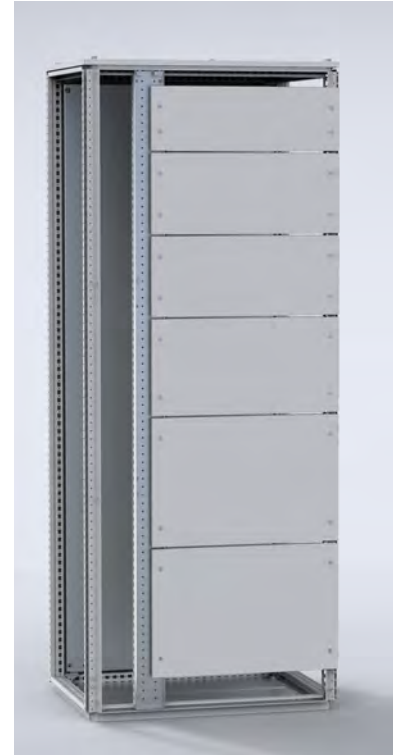
H	W	Item no.
150	400	DP01504R5
150	600	DP01506R5
150	800	DP01508R5
200	400	DP02004R5
200	600	DP02006R5
200	800	DP02008R5
250	400	DP02504R5
250	600	DP02506R5
250	800	DP02508R5
300	400	DP03004R5
300	600	DP03006R5
300	800	DP03008R5
400	400	DP04004R5
400	600	DP04006R5
400	800	DP04008R5
500	400	DP05004R5
500	600	DP05006R5
500	800	DP05008R5
600	400	DP06004R5
600	600	DP06006R5
600	800	DP06008R5
800	600	DP08006R5
800	800	DP08008R5
1000	600	DP10006R5
1000	800	DP10008R5
1200	600	DP12006R5
1200	800	DP12008R5



Partial panels, DPP

Description:	To divide the enclosure front into sections when used in conjunction with the horizontal divider CDH/CDHK when no door is required.
Material:	1.75 mm steel plate.
Finish:	RAL 7035 structured powder coating.
Protection:	Complies with IP 44.
Pack quantity:	1 panel with mounting accessories.
Mounting requirement:	Add CDH for MC frames and use CDHK for MK frames. Use DPC for top and bottom panels.

H	W	Item no.
100	400	DPP01004R5
100	600	DPP01006R5
100	800	DPP01008R5
150	400	DPP01504R5
150	600	DPP01506R5
150	800	DPP01508R5
200	400	DPP02004R5
200	600	DPP02006R5
200	800	DPP02008R5
250	400	DPP02504R5
250	600	DPP02506R5
250	800	DPP02508R5
300	400	DPP03004R5
300	600	DPP03006R5
300	800	DPP03008R5
400	400	DPP04004R5
400	600	DPP04006R5
400	800	DPP04008R5

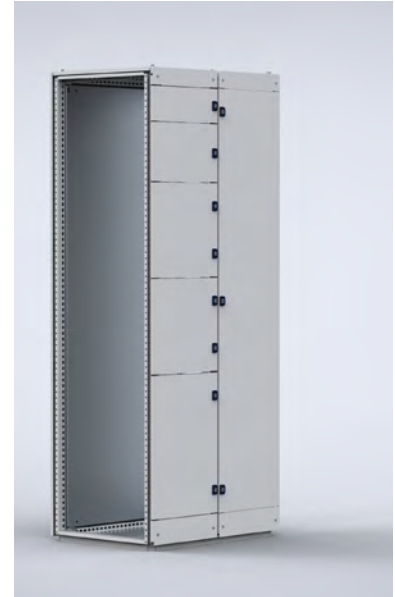


Floor Standing Steel Range Accessories

Cable space doors, DPA

- Description:** To close a vertical cable section. Used in combination with CDV. In order to close the front, top and bottom panels DPC/DPCV are required.
- Material:** 1.75 mm steel plate.
- Finish:** RAL 7035 structured powder coating.
- Protection:** Complies with IP 44.
- Mounting requirement:** Add CDH for MC frames and use CDHK for MK frames.
- Pack quantity:** 1 door with hinges and 3 double-bit 3 mm, locks.

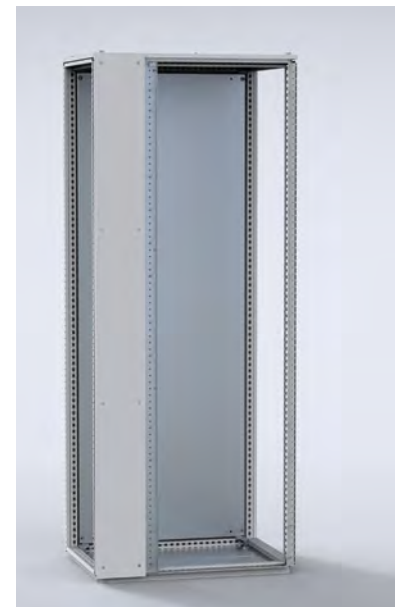
H	W	Item no.
1400	400	DPA1404R5
1600	400	DPA1604R5
1800	400	DPA1804R5
1800	600	DPA1806R5
2000	400	DPA2004R5
2000	600	DPA2006R5



Vertical front panel, DPB

- Description:** In order to cover vertical busbar space. Used in combination with CDV.
- Material:** 2 mm steel plate.
- Finish:** RAL 7035 structured powder coating.
- Protection:** Complies with IP 44.
- Pack quantity:** 1 panel with mounting accessories.

H	W	Item no.
1800	200	DPB18002R5
2000	200	DPB20002R5
2200	200	DPB22002R5



Partial door for monitor, DPM

Description:	For monitor size 14"-21". Used in combination with the hinged keyboard tray DPK, allows the installation of a PC in any floor standing enclosures. The remaining space will be filled with top and bottom panels DPC and partial doors DP.
Material:	1.75 mm steel plate, viewing area: 4 mm safety glass.
Finish:	RAL 7035 structured powder coating.
Protection:	Complies with IP 44.
Pack quantity:	1 door with hinges and double-bit 3 mm lock.
Mounting requirement:	To be used in combination with keyboard tray DPK. Recommended in combination with CDH to avoid a gap between the above/below panels.

H	W	No. of locks	Item no.
500	600	2	DPM0506R5
600	600	2	DPM0606R5



Hinged keyboard tray, DPK

Description:	Horizontal hinged keyboard tray with lateral sliding mouse pad (L.H. or R.H.). Equipped with panel stay. When the tray is folded out, the enclosure is sealed for dust ingress by a closed chamber.
Material:	1.75 mm steel plate.
Finish:	RAL 7035 structured powder coating.
Protection:	Complies with IP 44.
Sizes:	Max keyboard height 50 mm, width 470 mm, depth 185 mm.
Pack quantity:	1 door with hinges, lock, keyboard mounting support, mouse pad and mounting accessories.

H	W	Item no.
250	600	DPK06R5



Floor Standing Steel Range

Accessories | Baying

Enclosure baying

Mild steel,
combinable enclosures

MCS / MCD

		Required accessories	Page
SIDE BY SIDE BAYING	Simple internal baying, not to be lifted	Internal baying brackets, CCI Side panels, SPM	217 216
	Simple external baying, not to be lifted *1	External baying brackets, CCE Side panels, SPM	218 216
	Simple external baying with small partial doors configuration, not to be lifted *1	External baying brackets, CCE . 3 pcs Short external baying brackets, CCEH . 3 pcs Side panels, SPM	218 219 216
	Internal baying, for when the assembly is to be lifted *2	Internal baying brackets, CCI Corner baying brackets, CCM Side panels, SPM	217 218 216
	External baying, for when the assembly will be lifted *1 *2	External baying brackets, CCE Corner baying brackets, CCM Side panels, SPM	218 218 216
	*1 The rear panel and the enclosure door must be removed to mount the baying brackets *2 The filler plate, MPF , must be moved forward 75 mm to the front from the most rear position		
BAYING IN DEPTH	Rear to rear	Depth baying kit, CJDN Side panels, SPM One per enclosure	219 216
CORNER BAYING	Two lines of enclosures with the same depth or different depths	The combinable MCS enclosure must be used in the corner of two enclosure lines, with the side having the same dimension as the corresponding side dimension of one line, and the front or rear corresponding to the side dimension of the second line. Corner baying kit, CJDS Side panels, SPM . 1 pc for each line of enclosures with proper depth	220 216
OTHER ACCESSORIES	Separation between two bayed enclosures (no IP test done)	Separation plate, SPD Separation plate brackets, CCJ	220 221
	Separation between two bayed enclosures, IP 43	Separation plate, SPD Separation plate brackets, CCJ Separation plate gasket, SPDG	220 221 221
	Lifting	Lifting eyes, LE . 4 pcs per enclosure assembly Lifting devices, LC . 2 pcs per enclosure joining	221 222

Mild steel,
compact enclosures

MKS / MKD

Stainless steel,
combinable enclosures

MCSS / MCDS

Stainless steel,
compact enclosures

EKSS / EKDS

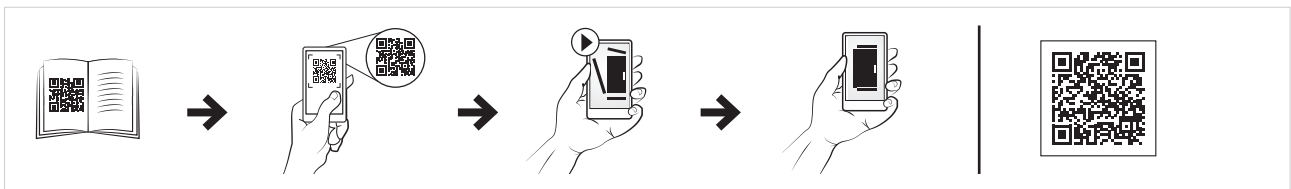
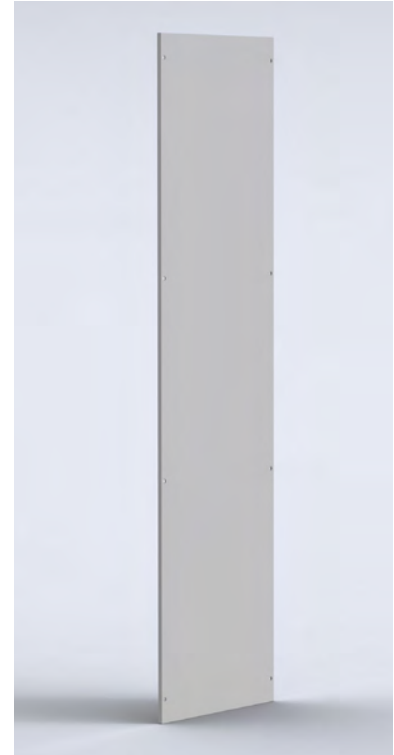
Required accessories	Page	Required accessories	Page	Required accessories	Page
Not available	N/A	Internal baying brackets, CCI Stainless steel side panels, SPMS	217 217	Not available	N/A
Not available	N/A	Not available	N/A	Not available	N/A
Not available	N/A	Not available	N/A	Not available	N/A
Not available	N/A	Internal baying brackets, CCI Corner baying brackets, CCM Stainless steel side panels, SPMS	217 218 217	Not available	N/A
Not available	N/A	Not available	N/A	Not available	N/A
<p>*1 The rear panel and the enclosure door must be removed to mount the baying brackets *2 The filler plate, MPF, must be moved forward 75 mm to the front from the most rear position</p>					
Depth baying kit, CJDN	219	Not available	N/A	Not available	N/A
Not available	N/A	The combinable MCSS enclosure must be used in the corner of two enclosure lines, with the side having the same dimension as the corresponding side dimension of one line, and the front or rear corresponding to the side dimension of the second line. Corner baying kit, CJDS Stainless steel side panels, SPMS . 1 pc for each line of enclosures with proper depth	220 217	Not available	N/A
Not available	N/A				
Not available	N/A	Not available	N/A	Not available	N/A
Not available	N/A	Lifting eyes, LE . 4 pcs per enclosure assembly Lifting devices, LC . 2 pcs per enclosure joining	221 222	Not available	N/A

Floor Standing Steel Range Accessories

Side panels, SPM

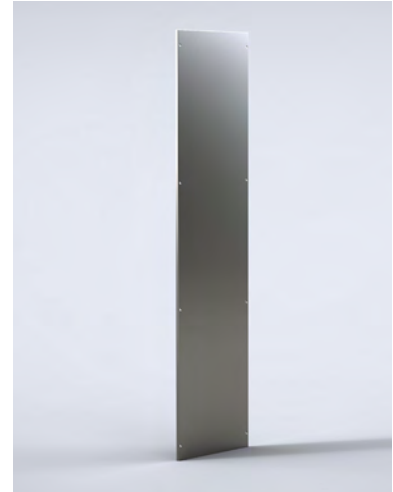
- Description:** Easy one man assembly. Sealed by an extruded, one piece polyurethane gasket and mounted with 8 screws. Can be replaced by the side door DS.
- Material:** 1.5 mm steel plate.
- Finish:** RAL 7035 structured powder coating.
- Protection:** IP 56 | TYPE 4, 12, 13.
- Pack quantity:** 2 panels with mounting accessories.

For enclosure		
H	D	Item no.
1100	600	SPM1106R5
1400	600	SPM1406R5
1600	600	SPM1606R5
1800	400	SPM1804R5
1800	500	SPM1805R5
1800	600	SPM1806R5
1800	800	SPM1808R5
2000	400	SPM2004R5
2000	500	SPM2005R5
2000	600	SPM2006R5
2000	800	SPM2008R5
2200	600	SPM2206R5
2200	800	SPM2208R5

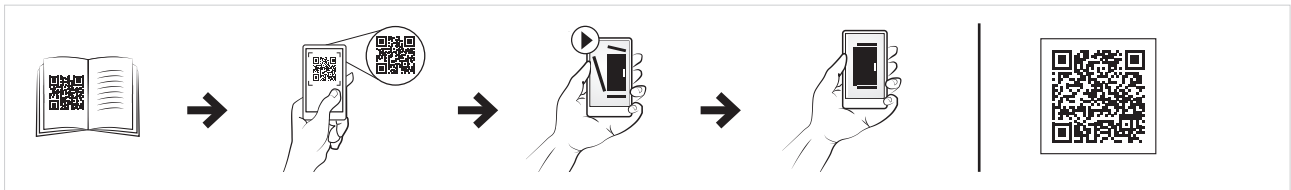


Side panels stainless steel, SPMS

- Description:** Easy one man assembly. Sealed by an extruded, one piece polyurethane gasket and mounted with 8 screws.
- Material:** 1.5 mm AISI 304 / AISI 316L pre-grained stainless steel.
- Finish:** 240s pre-grained stainless steel (0.5 microns average). Includes: mounting material.
- Protection:** IP 56 | TYPE 4, 12, 13.
- Pack quantity:** 2 panels with mounting accessories.



For enclosure		
H	W	Item no.
1800	500	SPMS1805
1800	500	SPMS1805-316*
2000	600	SPMS2006
2000	600	SPMS2006-316*

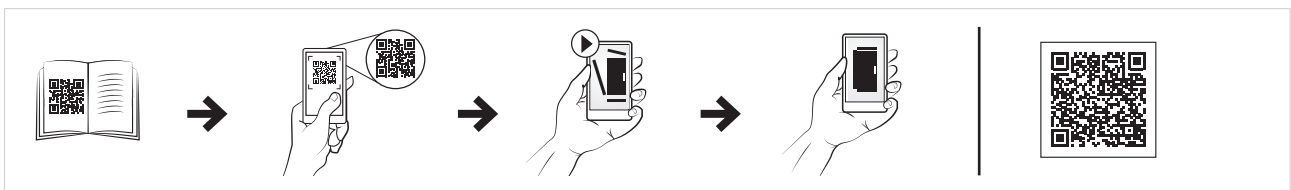


Internal baying brackets, CCI

- Description:** Quick fixation baying brackets provide a rigid reinforcement of the enclosure assembly. The correct spacing between the enclosures is assured. Tools are not required for installation.
- Material:** 3 mm zinc plated steel.
- Pack quantity:** 6 brackets with mounting accessories.



Item no.
CCI06



Floor Standing Steel Range Accessories

Internal corner baying kit, CCM

- Description:** For extra support when bayed enclosures are fully equipped and require lifting. Can be used together with SPD separation plates.
- Material:** 3 mm zinc plated steel.
- Pack quantity:** 4 brackets with mounting accessories.

Item no.
CCM04



External baying brackets, CCE

- Description:** Brackets mounted on the outside hole pattern of the frame ensuring a strong and 3 dimensional alignment of the bayed enclosures with an "auto spacer" function. This method of baying enclosures also has the advantage of creating a direct earthing connection between the enclosure frames.
- Material:** 3 mm zinc plated steel.
- Pack quantity:** 6 brackets with mounting accessories.

Item no.
CCE06



Short external baying brackets, CCEH

Description: Short brackets mounted on the outside hole pattern of the frame of the bayed enclosures with an "auto spacer" function. Specially designed for small doors/panels configuration. This method of baying enclosures has also the advantage of creating a direct earthing connection between the enclosure frames.

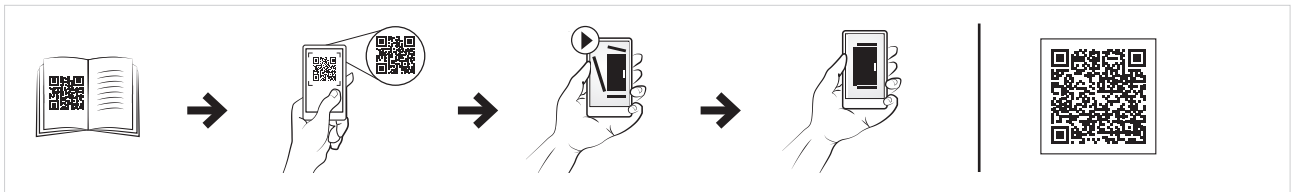
Material: 3 mm zinc plated steel.

Pack quantity: 6 brackets with mounthing material.



Item no.
CCEH06

* Available for MCSL enclosures.



Depth baying kit, CJDN

Description: For baying enclosures rear to rear.

Material: Covers in 2 mm mild steel.

Finish: RAL 7035 structured powder coating.

Protection: Complies with IP 55.

Pack quantity: 1 kit with mounting accessories.



For enclosure		
H	W	Item no.
1800	600	CJDN1806R5
1800	800	CJDN1808R5
1800	1000	CJDN1810R5
2000	600	CJDN2006R5
2000	800	CJDN2008R5
2000	1000	CJDN2010R5
2200	600	CJDN2206R5
2200	800	CJDN2208R5

Floor Standing Steel Range Accessories

Corner baying kit, CJDS

- Description:** The enclosures can be bayed together side to front or side to side. The IP rating is thus maintained.
- Material:** 1.5 mm zinc plated steel.
- Pack quantity:** 1 set.
- Mounting requirement:** On corner configurations, door hinges must be mounted facing each other on the central area. An extra enclosure is needed in the corner with dimensions corresponding to the depths of the adjacent enclosures.



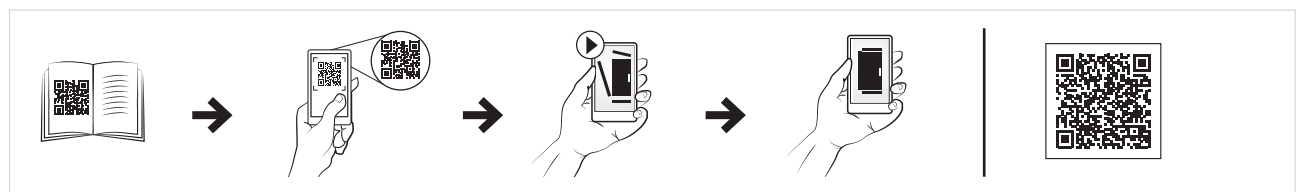
Item no.
CJDS12

Separation plates, SPD

- Description:** Separates two bayed MCS/MCD enclosures.
- Material:** 1.5 mm zinc plated steel.
- Mounting requirement:** IP 43 | TYPE 1 sealing can be obtained by using SPDG gasket. CCJ brackets are required to mount the SPD into the enclosures. To bay enclosures together, use CCM brackets. For EMI shielding the SPDEG gasket must be used.
- Pack quantity:** 1 piece.



For enclosure			Item no.
H	D		
1800	400		SPD1804
1800	500		SPD1805
1800	600		SPD1806
2000	400		SPD2004
2000	500		SPD2005
2000	600		SPD2006
2000	800		SPD2008
2200	600		SPD2206
2200	800		SPD2208



Separation plate brackets, CCJ

- Description:** Mounted to the enclosure's frame. Can be used on both vertical and the horizontal profiles.
- Material:** 3 mm zinc plated steel.
- Pack quantity:** 12 brackets with mounting accessories.

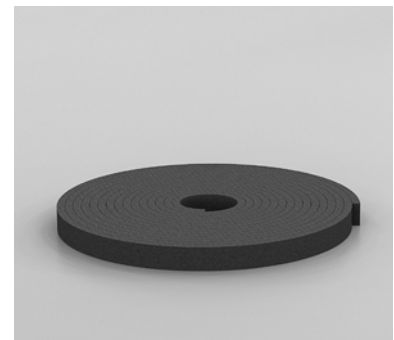
Item no.
CCJ12



Separation plate gasket, SPDG

- Description:** To obtain IP 43 | TYPE 1 sealing in combination with the separation plate SPD.
- Material:** Neoprene 5x15/20.
- Pack quantity:** 6 m.

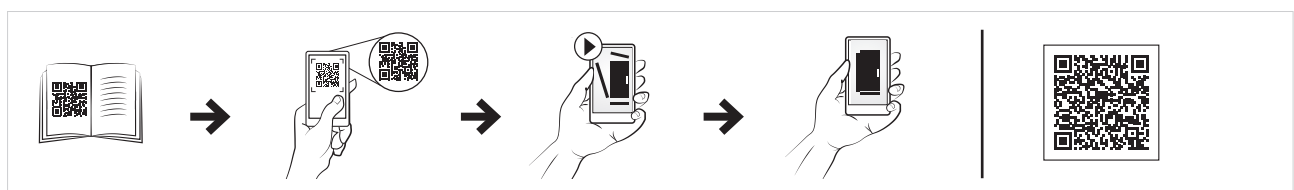
Item no.
SPDG01



Lifting eye bolts, LE

- Description:** Mounts directly to the frame corner pieces of the enclosure for when lifting operations are required. Complies with DIN 580 lifting requirements. M12 thread.
- Maximum load:** 3400N per lifting eye with max angle of 45°. Please follow Eldon lifting instructions.
- Pack quantity:** 4 pieces.

Description	Item no.
Lifting eyes	LE9304
Lifting eyes SS	LE9304SS



Floor Standing Steel Range Accessories

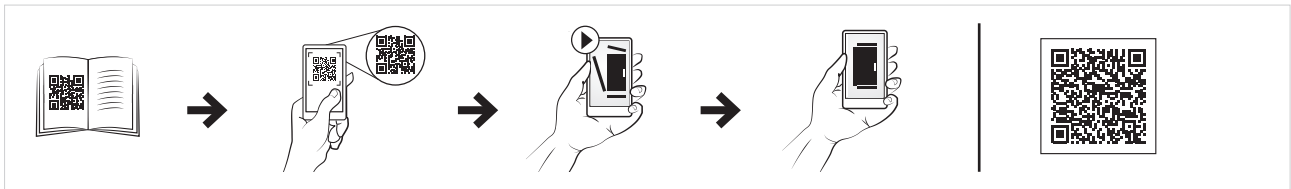
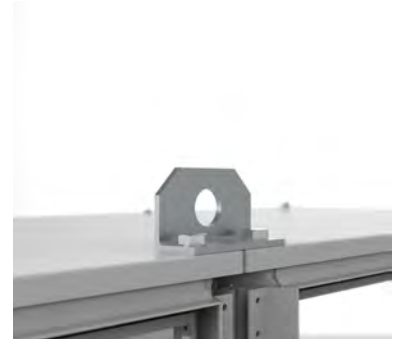
Lifting device, LC

Description: For optimal weight distribution when lifting bayed enclosures. To be used in combination with baying bracket.

Material: 5 mm zinc plated steel.

Pack quantity: 2 pieces with mounting accessories.

Item no.
LC02



Lifting kit, MCKU

Description: For lifting the enclosure together with the top cable frame MCU of 200 mm high. Mounted directly into the enclosure's frame and therefore releasing the MCU from any strain. 300 mm high MCUs must be lifted separately.

Pack quantity: 4 spindles with lifting eyes according to DIN 580 lifting instructions.

Item no.
MCKU04



Ventilation roof, CVR

- Description:** Raised roof with 2.5 mm ventilation slots and filter material.
- Material:** 1.5 mm steel plate. Filter material: EU 4 according to DIN 24185.
- Finish:** RAL 7035 structured powder coating.
- Temperature resistance:** 100°C.
- Protection:** Complies with IP 31 | TYPE 1.
- Pack quantity:** 1 piece with mounting brackets and ventilation filter.
- Note:** Increases the enclosure height by 40 mm.



For enclosure			
W	D		Item no.
500	500		CVR0505R5
600	300		CVR0603R5
600	400		CVR0604R5
600	500		CVR0605R5
600	600		CVR0606R5
600	800		CVR0608R5
800	300		CVR0803R5
800	400		CVR0804R5
800	500		CVR0805R5
800	600		CVR0806R5
800	800		CVR0808R5
800	900		CVR0809R5
1000	300		CVR1003R5
1000	400		CVR1004R5
1000	500		CVR1005R5
1000	600		CVR1006R5
1000	800		CVR1008R5
1200	300		CVR1203R5
1200	400		CVR1204R5
1200	500		CVR1205R5
1200	600		CVR1206R5
1200	800		CVR1208R5
1600	400		CVR1604R5
1600	500		CVR1605R5
1600	600		CVR1606R5

Fan roof plates, CFR

- Description:** For mounting a combination of 6 fans DFN or closing plates DFC for unused holes in the top of the enclosure.
- Material:** 2 mm zinc plated steel.
- Mounting requirement:** Add Ventilation roof CVR. Use fan DFN. Unused holes should be closed with DFC.
- Pack quantity:** 1 piece with mounting accessories.

W	D	N° of cut outs	Item no.
600	600	6	CFR0606
600	800	6	CFR0608
800	600	6	CFR0806
800	800	6	CFR0808



Floor Standing Steel Range Accessories

Ventilation fan, DFN

- Description:** Two ventilation fan versions: DFN01 for mounting to a surface from below, DFN02 for mounting on top of a surface, with flow always pointing upwards. Extra contact provided for thermostat connection.
- Voltage:** 220-240 VAC.
- Air circulation:** 160 m³/h.
- Power of the fan:** 19 Watt.
- Pack quantity:** 1 set with finger guards and mounting screws.
- Note:** For easy connection use wiring kit DFN61.



Description	Item no.
Inside mounting	DFN01
Top mounting	DFN02

When ventilator holes are not used they can be closed with DFC closing plates.

Wiring kit, DFN61

- Description:** Wiring kit for a maximum connection of 6 fans (DFN) and 1 thermostat/hygrostat (ETR/ETF). The thermostat or hygrostat can be connected through the separate terminal mounted on the side.
- Pack quantity:** 1 set containing: | - 1 DIN rail 15 cm | - 1 L- connector block | - 1 N-connector block | - 1 PE-connector block | - 1 Free terminal | - 1 Power cable with Schuko/UTE plug, 2,5 m | - 6 Pieces blue connection cables 81 cm | - 6 Pieces black connection cables 81 cm | - 6 Pieces green/yellow earthing cables 81 cm | - 6 Pieces self adhesive cable feet | - 8 Mounting screws.



Item no.
DFN61

Closing plate, DFC

- Description:** Closing plate for an unused fan (DFN) opening.
- Material:** 1.5 mm zinc plated steel.
- Pack quantity:** 4 piece with mounting accessories.

Pack quantity	Item no.
4	DFC04



Spacer kits, CVK

Description: Provides ventilation by raising the enclosure's roof panel 15 mm (CVK15), 50 mm (CVK50).

Material: Zinc plated steel.

Pack quantity: 4 pieces with mounting accessories.

Description	Item no.
Raises the roof 15 mm	CVK15
Raises the roof 50 mm	CVK50



Ventilated bottom plates, CVB

Description: Three piece ventilated bottom plates. Can be used in combination with a ventilated plinth PV. 33% ventilated.

Material: 1.5 mm perforated zinc plated steel.

Pack quantity: 3 pieces with mounting material.

Mounting requirement: Use in combination with ventilated plinths PV.

For enclosure			
W	D		Item no.
600	400		CVB0604
600	500		CVB0605
600	600		CVB0606
600	800		CVB0608
800	400		CVB0804
800	500		CVB0805
800	600		CVB0806
800	800		CVB0808
1000	400		CVB1004
1000	500		CVB1005
1000	600		CVB1006
1000	800		CVB1008
1200	600		CVB1206
1200	800		CVB1208



Floor Standing Steel Range Accessories

Section Profile for cable entry, SCE

Description: For sealing the cable entry between gland plates. Forms a tight seal around cables and fills gaps to prevent dust from entering. The foam is pre-fitted in the section profile that can be easily mounted in the bottom plates thanks to its click-in fixing solution. An alternative to the bottom late gasket kit BG01.

Material: Extruded PVC section profile. Gasket: adhesive foam with cross-section of 30 x 25 mm.

Pack quantity: 1 set consisting of 2 click-in section profiles with foam rubber.

For enclosure	
W	Item no.
600	SCE600
800	SCE800
1000	SCE1000
1200	SCE1200

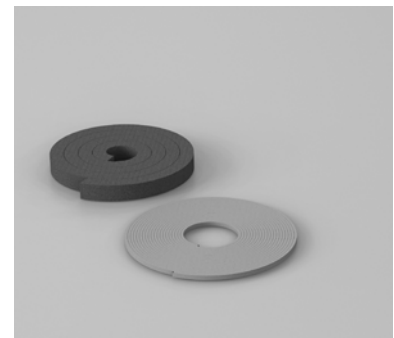


Cable entry foam and bottom plate gasket, BG

Description: The bottom of the enclosure is sealed by the use of an adhesive gasket applied on to the frame around the openings at the bottom of the enclosure. The cables are sealed by the addition of adhesive foam placed between the bottom plates. The elasticity and the size of this foam ensures a tight seal around most cables.

Pack quantity: 1.6 m adhesive foam (30 x 25 mm) and 6 m adhesive gasket (4.5 x 8 mm). For 1600 mm wide enclosures please order 2 sets.

Item no.
BG01



Inside cable fixing bar, CAB

Description: Mounted above the bottom plates. Holds standard cable clamps CAC to secure incoming cables. Fully adjustable in depth. When EMC shielded earthing cables are connected to the support bar the Faraday effect will be kept intact for maximum EMI shielding.

Material: 2 mm zinc plated steel.

Pack quantity: 2 bars with mounting accessories.

Mounting requirement: Add CAC clamps depending on diameter of the cable(s).

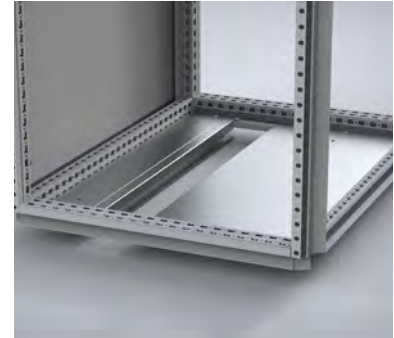
For enclosure	
W	Item no.
400	CAB400
600	CAB600
800	CAB800
1000	CAB1000
1200	CAB1200



Outside cable fixing bar, CABP

- Description:** Suspended below the bottom plates, thereby maximizing the full usable space in the enclosure. Holds standard cable clamps CAC to secure incoming cables. Fully adjustable in depth. When EMC shielded earthing cables are connected to the support bar the Faraday effect will be kept intact for maximum EMI shielding.
- Material:** 2 mm zinc plated steel.
- Pack quantity:** 2 bars with mounting accessories. For 1200 mm wide, 4 bars with mounting accessories.
- Mounting requirement:** Add CAC clamps depending on diameter of cable.

For enclosure	
W	Item no.
400	CABP400
500	CABP500
600	CABP600
800	CABP800
1000	CABP1000
1200	CABP1200



Cable clamps, CAC

- Description:** To secure incoming cables onto the fixing bars CAB and CABP. Holds the cable in position and supports the weight.
- Material:** Zinc plated steel.
- Pack quantity:** 25 clamps.
- Mounting requirement:** Add CAB/CABP to mount the cable clamps CAC.

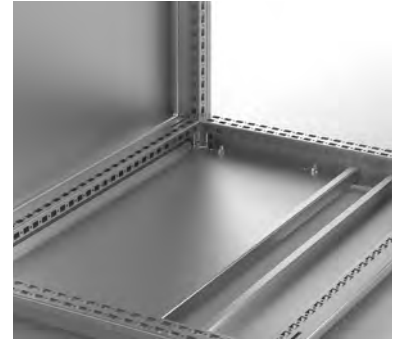
Size	Item no.
06-12 mm	CAC0612
10-14 mm	CAC1014
12-16 mm	CAC1216
14-18 mm	CAC1418
18-22 mm	CAC1822
22-26 mm	CAC2226
26-30 mm	CAC2630
30-34 mm	CAC3034
34-38 mm	CAC3438
38-42 mm	CAC3842
42-46 mm	CAC4246
56-64 mm	CAC5664



Floor Standing Steel Range Accessories

Split bottom plate stainless steel, CBPS

- Description:** Fitted in place of the standard one piece bottom plate, allows direct cable entry. To achieve perfect sealing around the cables use the gasket kit BG01.
- Material:** AISI 304 / AISI 316L pre-grained stainless steel.
- Bottom plates:** 1.5 mm.
- Finish:** 240s pre-grained stainless steel (0.5 microns average).
- Pack quantity:** 1 kit of two part bottom plate.



For enclosure			
W	D		Item no.
600	400		CBPS0640
600	400		CBPS0640-316
600	500		CBPS0650
600	500		CBPS0650-316
600	600		CBPS0660
600	600		CBPS0660-316
800	400		CBPS0840
800	400		CBPS0840-316
800	500		CBPS0850
800	500		CBPS0850-316
800	600		CBPS0860
800	600		CBPS0860-316
1000	400		CBPS1040
1000	400		CBPS1040-316
1000	500		CBPS1050
1000	500		CBPS1050-316
1000	600		CBPS1060
1000	600		CBPS1060-316

For enclosures 1200 mm & 1600 mm wide use 2 x 600 mm & 2 x 800 mm wide bottom plates.

Top cover with cable gland opening, CRG

- Description:** Roof plate with gland plates for cable entry.
- Material:** 1.5 mm steel plate.
- Finish:** RAL 7035 structured powder coating.
- Pack quantity:** 1 piece with gland plates, gaskets and mounting accessories.



For enclosure				
W	D	Openings	Gland opening	Item no.
600	600	1	310x96	CRG0606R5
600	800	1	310x96	CRG0608R5
800	600	2	210x96	CRG0806R5
800	800	2	210x96	CRG0808R5

Ventilated top cable cover, CRB

- Description:** For cable entry on three sides in combination with ventilation. Cable openings provided with brushes. To mount closing plates DFC or inside mounting of (maximum 4) DFN01 ventilation fans.
- Material:** 1.5 mm steel plate.
- Finish:** RAL 7035 structured powder coating.
- Pack quantity:** 1 piece with brushes and mounting accessories.
- Mounting requirement:** Add DFN ventilation fans or DFC closing plates.



For enclosure			
W	D	N° of cut outs	Item no.
600	600	4	CRB0606R5
600	800	6	CRB0608R5
800	600	4	CRB0806R5
800	800	6	CRB0808R5

Raised side door, DNSR

- Description:** A 200 mm wide cover with cable entrances in top and bottom. Supplied with one gland plate and gasket. Hole pattern equals enclosure's frame to mount cable fixing bars.
- Material:** 1.75 mm steel plate.
- Finish:** RAL 7035 structured powder coating.
- Protection:** Complies with IP 33 | TYPE 1 with MM connector plate and gasket SPDG01. Door frame optional.
- Mounting requirement:** Add a separation plate SPD or marshalling plate MM to mount connectors and separate the side compartment.
- Pack quantity:** 1 piece with mounting accessories.



Item no.
DNSR2005R5
DNSR2006R5

Floor Standing Steel Range Accessories

Marshalling plates, MM

- Description:** Connector plate between two enclosures, or to be used in combination with a raised side door (DSR). Hole pattern for 24 pin connectors. With MMG cover plates, it can be adapted to 16 pin connectors.
- Material:** 2 mm zinc plated steel.
- Pack quantity:** 1 piece.
- Mounting requirement:** Add CCJ12. Add raised side door DSR for covering and protection of the connection. Add cover plates MMG for unused cut-outs or to adapt to different connector sizes.

For enclosure		
H	D	Item no.
1800	500	MM1805
1800	600	MM1806
2000	500	MM2005
2000	600	MM2006



Cover plates, MMG

- Description:** To cover unused connector cut-outs of a marshalling plate MM, or to adapt to 16 pins connectors to allow the mix of both connector types.
- Material:** 2 mm zinc plated steel.
- Pack quantity:** For quantity see table. Including mounting accessories and seal.

Description	Size	Pack quantity	Item no.
Cover plate	16 pin	20	MMG16
Cover plate	24 pin	20	MMG24
Adapter plate	4 x 16 pin	1	MMG0416
Adapter plate	24 - 16 pin	4	MMG2416
Cover plate	4 x 24 pin	1	MMG4024



Front/rear top frames, MCU

- Description:** For cable entry and routing or for installation of a power distribution system. Fixed to the top of the enclosure by four M12 screws. Available in 200 mm and 300 mm heights. The enclosure roof plate CCR can be used to close the top. For lifting a 200 mm high MCU together with an enclosure a separate lifting kit MCKUK is needed. 300 mm high MCU's must be lifted separately.
- Side panels:** MCUP supplied as an accessory.
- Material:** Frame in 1.75 mm steel plate, panels in 1.35 mm steel plate.
- Finish:** RAL 7035 structured powder coating.
- Protection:** Complies with IP 41.
- Pack quantity:** 1 piece with front and back panels including mounting accessories (without roof plate).

For enclosure			
H	W	D	Item no.
200	400	600	MCU2046R5
200	600	500	MCU2065R5
200	600	600	MCU2066R5
200	800	500	MCU2085R5
200	800	600	MCU2086R5
200	1000	500	MCU2105R5
200	1000	600	MCU2106R5
200	1200	500	MCU2125R5
200	1200	600	MCU2126R5
300	600	600	MCU3066R5
300	800	600	MCU3086R5
300	1000	500	MCU3106R5
300	1200	600	MCU3126R5



Side top frames, MCUP

- Description:** For covering the sides of the top cabling frame MCU. Fixed with 4 screws.
- Material:** 1.35 mm steel plate.
- Finish:** RAL 7035 structured powder coating.
- Pack quantity:** 2 panels with mounting accessories.

For enclosure		
H	D	Item no.
200	500	MCUP205R5
200	600	MCUP206R5
300	600	MCUP306R5



Floor Standing Steel Range Accessories

Front/rear bottom frames, PCU

- Description:** For fixing and routing of cables or mounting of busbar. Identical hole pattern to the enclosure's frame makes all relevant accessories (e.g. CLPF, CLPK, etc) possible to mount. Fixed to the base of the enclosure by M12 screws (provided). Standard height 300 mm (200 mm available on request only).
- Material:** Frame in 1.75 mm steel plate, panels in 1.35 mm steel plate.
- Finish:** RAL 7035 structured powder coating.
- Protection:** Complies with IP 41 | TYPE 1.
- Mounting requirement:** Add side panels PCUP to close the sides.
- Pack quantity:** 1 piece with front and back cover plates with mounting accessories.

For enclosure			
H	W	D	Item no.
300	400	600	PCU3046R5
300	400	800	PCU3048R5
300	600	600	PCU3066R5
300	600	800	PCU3068R5
300	800	600	PCU3086R5
300	800	800	PCU3088R5
300	1000	600	PCU3106R5
300	1000	800	PCU3108R5
300	1200	600	PCU3126R5
300	1200	800	PCU3128R5



Side panels, PCUP

- Description:** For covering the sides of the bottom cabling frame PCU. Fixed with 4 screws.
- Material:** 1.35 mm steel plate.
- Finish:** RAL 7035 structured powder coating.
- Pack quantity:** 2 panels with mounting accessories.

For enclosure		
H	D	Item no.
300	600	PCUP306R5
300	800	PCUP308R5

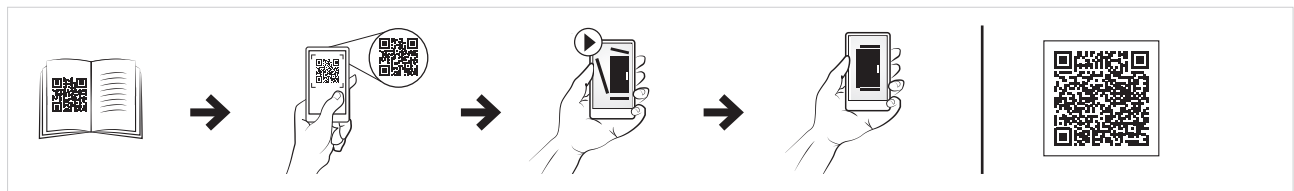


Earthing cables, ECFA

- Description:** For earthing between metallic parts.
- Material:** 6 mm² copper wire (yellow-green).
- Pack quantity:** 10 pieces.
- Mounting requirement:** Add connection set ECF for fixing cable to painted frame.



Length	Connection size	Item no.
220 mm	M6 / M8	ECFA220
300 mm	M8 / M8	ECFA300

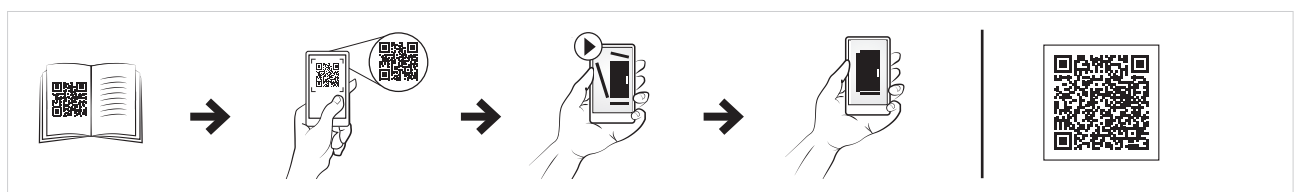


Earthing strap, ECFE

- Description:** For earthing and potential compensation between panels, parts and the enclosure's frame.
- Length:** 300 mm.
- Material:** Tinned electrolytic copper 0.15 mm wire.
- Working temperature:** Up to 105°C.
- Pack quantity:** 10 pieces.
- Mounting requirement:** Add ECF connection set for fixing strap to painted frame.



Cross sectional area	Holes diam.	Current (A)	Item no.
16 mm ²	8.5	120 A	ECFE1630
25 mm ²	10.5	150 A	ECFE2530



Floor Standing Steel Range Accessories

Earthing connections for frames, ECF

Description: Earthing connections for fixing the earthing straps and cables to the enclosure's frame.

Pack quantity: 10 sets.

Size	Item no.
M6	ECF06
M8	ECF08



Earthing connection for panels, ECP

Description: Earthing connection for fixing the earthing straps and cables to panels, mounting plates or profiles.

Pack quantity: 10 sets.

Size	Item no.
M6	ECP06
M8	ECP08



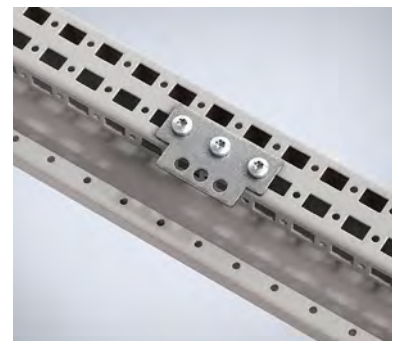
Central earthing point, ECFP

Description: Provides earthing contact surface on horizontal or vertical frame profiles. For a secure earthing point with multiple connections. Tested for max 40 kA (70 ms).

Material: Galvanized steel.

Pack quantity: 5 central earthing points with mounting accessories. M8 earthing kit included for the three holes.

Item no.
ECFP08



Protective fan cover, EFCS

- Description:** Provides additional protection to the filter fans against the ingress of water in outdoor or wash down environments. Folded and seam welded. (Machining is required).
- Material:** AISI 304 / AISI 316L stainless steel.
- Finish:** 240s pre-grained stainless steel.
- Pack quantity:** 1 piece with mounting accessories.

For enclosure			
H	W	D	Suitable for fans
275	175	100	EF100 / EF200
375	275	100	EF250 / EF300
450	350	100	EF500 / EF700
275	175	100	EF100 / EF200
375	275	100	EF250 / EF300
450	350	100	EF500 / EF700



Rain Hood, MSST

- Description:** To be fitted as extra protection on single door stainless steel enclosures. The roof is slightly sloped and has a dripstrip.
- Material:** 1.5 mm stainless steel AISI 304 / AISI 316L.
- Finish:** 240s pre-grained stainless steel (0.5 microns average).

For enclosure		
W	D	Item no.
600	400	MSST0640
600	400	MSST0640-316
600	500	MSST0650
600	500	MSST0650-316
600	600	MSST0660
600	600	MSST0660-316
800	400	MSST0840
800	400	MSST0840-316
800	500	MSST0850
800	500	MSST0850-316
800	600	MSST0860
800	600	MSST0860-316
1000	400	MSST1040
1000	400	MSST1040-316
1000	500	MSST1050
1000	500	MSST1050-316
1000	600	MSST1060
1000	600	MSST1060-316
1200	400	MSST1240
1200	400	MSST1240-316
1200	500	MSST1250
1200	500	MSST1250-316
1200	600	MSST1260
1200	600	MSST1260-316
1600	400	MSST1640
1600	400	MSST1640-316





Floor Standing | Aluminium Range

The enclosures in the floor standing aluminium range with one, two, or three doors are made from high quality marine grade aluminium, AlMg3, which is light and corrosion resistant. This material also offers good heat dissipation.

Typical applications are outdoor and range from rail and road traffic control equipment to water treatment plants and telecommunication applications in the field.




The welded frame makes the enclosure strong and rigid and thus well suited for heavy duty applications. A wide range of accessories are available to allow for any configuration. And, since all enclosure versions are designed around the same platform, the same accessories may be used on all versions, which makes engineering easier and allows for stock reduction with panel builders and distributors. The assembly of the enclosures and accessories is easily done and will help you to reduce assembly time and remain competitive.

This enclosure range has been designed to comply with the relevant standard for empty enclosures, IEC 62208. Maximum protection for the user and the equipment is achieved thanks to the high protection degrees IP 66 according to IEC 60529, and IK 10 according to IEC 62262.

Three different enclosure versions are available in the aluminium range, with or without a double wall, depending on the thermal management needs:

- EKOM, a compact, double wall version recommended for enclosures exposed to solar load;
- EKOM-SW, a compact, single wall version recommended when there are limited heating effects.
- ECOM, a combinable, double wall version recommended for combining two or more enclosure together.

Both versions have UL certification for the USA, CSA for Canada, GOST and EAC for Russia and others, which makes export easier, especially for machine builders.

	Outdoor		
	Aluminium		
	Double wall	Double wall	Single wall
	EKOM	ECOM	EKOM-SW
			
FRONT	door	door	door
SIDES	removable	removable	removable
REAR	removable	removable	removable
ROOF	rainhood	rainhood	rainhood
BOTTOM	open	open	open

Floor Standing Enclosures

Aluminium Range

Compact

Typical Application | Compact

Railways

Road Ways

Water Treatment

Telecommunications



Our EKOM enclosure is made of aluminium and provided with an external double wall and rain hood. The front and the rear sides have profiles with integrated 25 mm hole patterns. The double walls are placed at a certain distance from the internal housing, and have top and bottom ventilation openings that allow a steady flow of air to ascend and exit through the ventilation grid of the rain hood and walls after being heated by the sun. The need for additional cooling is therefore significantly reduced thanks to the passive cooling properties of the double walls.



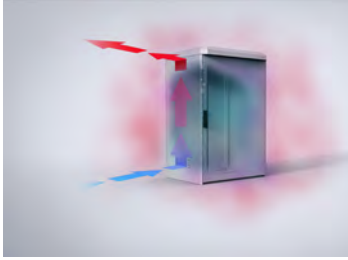
Railway management application

In LKAB's mine in Kiruna, Bombardier provides a complex solution for train control systems and railway traffic signaling. For this project, Bombardier requested an enclosure solution that fits the requirements of indoor and outdoor installation, with high protection levels for harsh environments. Due to the special equipment provided by Bombardier in this project, special assembly accessories were requested. Eldon's solution for this project was a double-wall aluminum enclosure, suitable for both indoor and outdoor, with a customized accessories kit, specially designed to fit Bombardier's specifications.



Roadway Traffic Management application

Eldon's outdoor enclosures are placed along the Dutch highway A50. The specially-designed enclosures contain a system that controls the portal signs for the highway. The lack of a cooling system was a challenging requirement, particularly during the summer heat. Eldon solved this problem by developing a double-walled aluminum cabinet as the floor standing outdoor enclosure. The air cavity and ventilation openings between both walls keep the components inside the enclosure cool during the summer weather. The three-door enclosures used for this project consist of three individual modules separated by vertical dividers. The left side houses the power supply unit, the middle contains the PLC's and other electronics, while the right side is set aside for the communications containing the modem that directly connects this enclosure to the traffic office.



Thermal management efficiency

For enclosures installed outdoors and exposed to the sun, cooling efficiency is 80% higher compared to a single-wall enclosure.



Corrosion resistance

The aluminium walls contribute to heat dissipation and provide higher corrosion resistance properties compared with mild or galvanized steel alternatives.



Antivandalism

Panel joints are gapless. All fitting elements and screws are hidden and not accessible from the outside.



Panels removable without internal access

In infrastructure applications, a shut-down would cause problems. In such situations it is a big advantage for maintenance staff to be able to remove panels easily without accessing the inside - where the electrical power is. This allows filter mats or the external panels to be replaced without having to switch off the power.

Floor Standing Enclosures
Aluminium Range | Aluminium
Double wall, compact | EKOM

IP 66 | TYPE 4X, 12, 13 | IK 10



01

Floor Standing Enclosures

1

Material:

Aluminium AlMg3. Frame: 2 mm. Door: 2 mm. Rear panel: 2 mm. Rain hood: 2 mm. Double wall: 2 mm.

Body:

One piece enclosure body. Integrated depth profiles with hole pattern allowing mounting plate to be adjusted in depth. The frame in multiple door versions, is divided into individual modules by means of vertical dividers.

Door:

Double walled with top and bottom ventilation openings allowing air flow. Mounted with concealed hinges allowing left or right hand opening. Multiple door version has individual lockable doors.

Rear panel:

Fastened from the inside. Standard facilities for rear door mounting.

Double wall:

Rear and lateral double walls with top and bottom ventilation openings allowing air flow.

Rainhood:

Sloped rainhood with integrated rain gutter and ventilation channels in the perimeter.

Lock:

Espagnolette multiple point locking system. Standard swing handle with security lock.

Bottom plates:

Supplied as accessory.

Earthing:

All panels are earthed through their fittings and are equipped with a separate earthing stud.

Finish:

RAL 7035 structure powder coating 100% polyester.

Protection:

Corresponds with IP 66 | TYPE 4X, 12, 13 | IK 10, when a bottom plate is fitted.

Approvals:

CE, EAC, GOST, cULus_listed. Climatic and Chemically active substances resistance according to EN61969-3 "Mechanical structures for electronic equipment. Outdoor enclosures".

Delivery:

Frame with fitted door with swinghandle, rear panel, rain hood and double walls. Delivery also includes earthing bolts. Delivered on a pallet which is identical to the width of the enclosure to allow suiting without removal. All packing material is recyclable. Mounting plate and bottom plates are not included in the standard delivery.

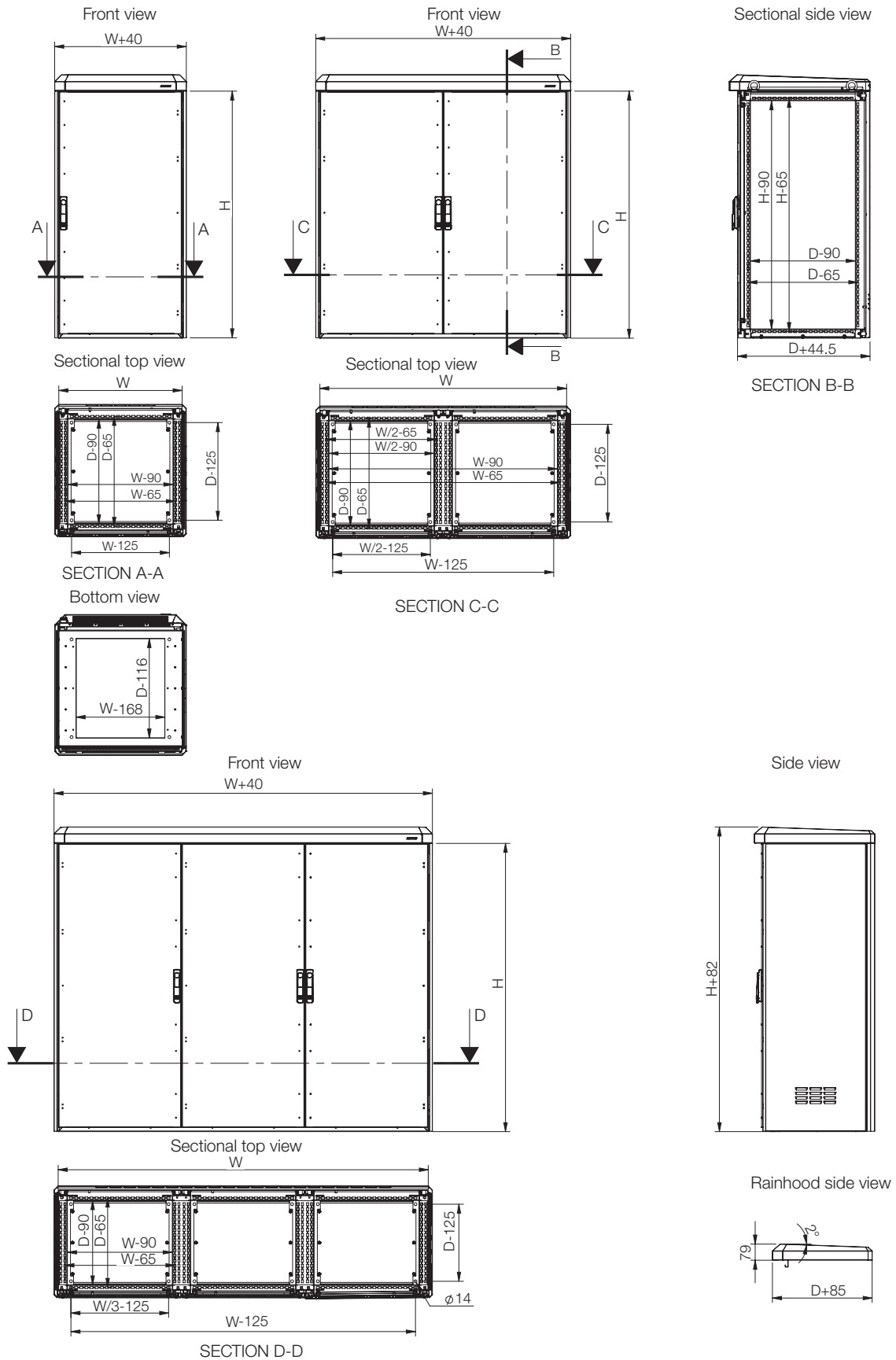


Dimensional table | EKOM

IP 66 | TYPE 4X, 12, 13 | IK 10

Enclosure dimensions			N° of doors	Item no.
H	W	D		
1200	600	600	1	EKOM12066
1200	800	600	1	EKOM12086
1400	600	600	1	EKOM14066
1400	800	600	1	EKOM14086
1200	1200	600	2	EKOM12126
1400	1800	500	3	EKOM14185





Floor Standing Enclosures
Aluminium Range | Aluminium
Single wall, compact | EKOM-SW

IP 66 | TYPE 4X, 12, 13 | IK 10



01

Floor Standing Enclosures

1

Material:

Aluminium AlMg3. Frame: 2 mm. Door: 2 mm. Rear panel: 2 mm. Rain hood: 2 mm.

Body:

One piece enclosure body. Integrated depth profiles with hole pattern allowing mounting plate adjustable in depth. The frame in multiple door versions, is divided into individual modules by means of vertical dividers.

Door:

Double walled with top and bottom ventilation openings allowing air flow. Mounted with concealed hinges allowing left or right hand opening. Multiple door version has individual lockable doors.

Rear panel:

Fastened from the inside. Standard facilities for rear door mounting.

Rainhood:

Sloped rainhood with integrated rain gutter and ventilation channels in the perimeter.

Lock:

Espagnolette multiple point locking system. Standard swing handle with security lock.

Bottom plates:

Supplied as accessory.

Earthing:

All panels are earthed through their fittings and are equipped with a separate earthing stud.

Finish:

RAL 7035 structure powder coating 100% polyester.

Protection:

Corresponds with IP 66 | TYPE 4X, 12, 13 | IK 10, when a bottom plate is fitted.

Approvals:

CE, EAC, GOST, cULus_listed. Climatic and Chemically active substances resistance according to EN61969-3 "Mechanical structures for electronic equipment. Outdoor enclosures".

Delivery:

Frame with fitted door with swinghandle, rear panel, rain hood. Delivery also includes earthing bolts. Delivered on a pallet which is identical to the width of the enclosure to allow suiting without removal. All packing material is recyclable. Mounting plate and bottom plates are not included in the standard delivery.



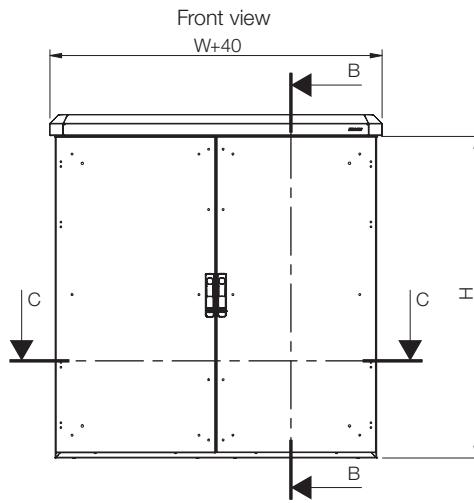
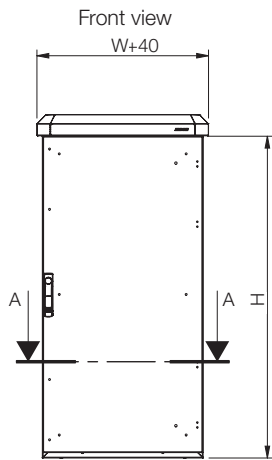
Dimensional table | EKOM-SW

IP 66 | TYPE 4X, 12, 13 | IK 10

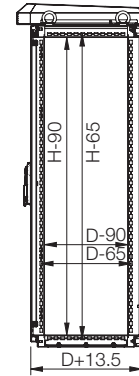
Without Mounting plate/Bottom plate

Enclosure dimensions			N° of doors	Item no.
H	W	D		
1200	600	400	1	EKOM12064-SW
1200	600	600	1	EKOM12066-SW
1200	800	400	1	EKOM12084-SW
1200	800	600	1	EKOM12086-SW
1200	1200	400	2	EKOM12124-SW
1400	1800	400	3	EKOM14184-SW



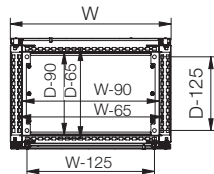


Sectional side view



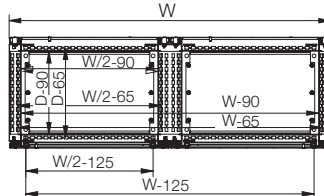
SECTION B-B

Sectional top view



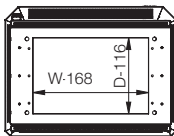
SECTION A-A

Sectional top view

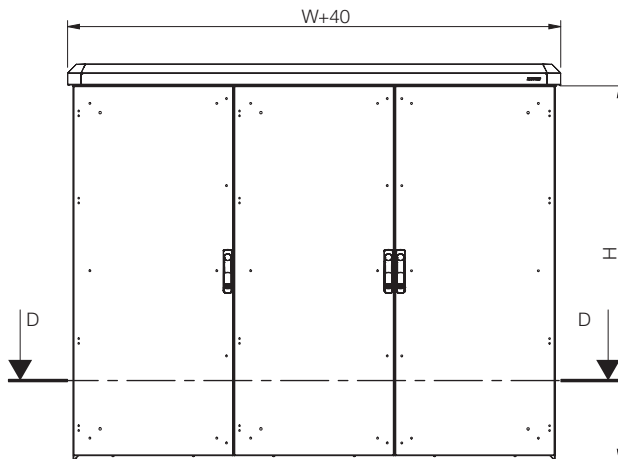


SECTION C-C

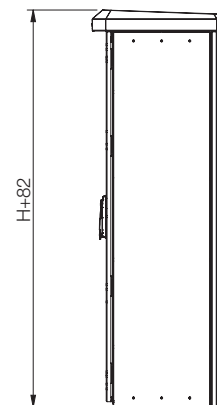
Bottom view



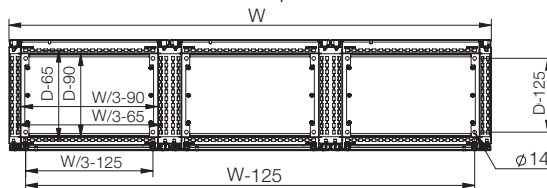
Front view



Side view

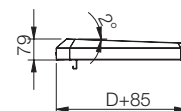


Sectional top view



SECTION D-D

Rainhood side view



Floor Standing Enclosures Aluminium Range | Aluminium Double Wall, combinable | ECOM

IP 66 | TYPE 4X, 12, 13 | IK 10



**Material:**

Aluminium ALMg3. Door: 2 mm. Rear panel: 2 mm. Rain hood: 2 mm.

Frame:

AISI 304L pre-grained stainless steel. Frame: 1.5 mm. Seam welded reversed open profiles with 25 mm hole pattern according to DIN 43660.

Door:

Double walled with top and bottom ventilation openings allowing air flow. Mounted with concealed hinges allowing left or right hand opening.

Rear panel:

Double walled with top and bottom ventilation openings allowing air flow. Fastened from the inside. Standard facilities for rear door mounting.

Rainhood:

Sloped rainhood with integrated rain gutter and ventilation channels around the perimeter.

Side panels:

Supplied as an accessory.

Bottom plates:

Supplied as an accessory.

Lock:

Espagnolette 4-point locking system. Does not interfere with the enclosure inner space. Standard lift handle with security lock.

Earthing:

Internal panels are earthed through their fittings and are equipped with a separate earthing stud.

Finish:

RAL 7035 structured powder coating 100% polyester.

Protection:

Corresponds with IP 66 | TYPE 4X, 12, 13 | IK 10, when bottom plate is fitted.

Approvals:

Climatic and Chemically active substances resistance according to EN61969-3 "Mechanical structures for electronic equipment. Outdoor enclosures".

Delivery:

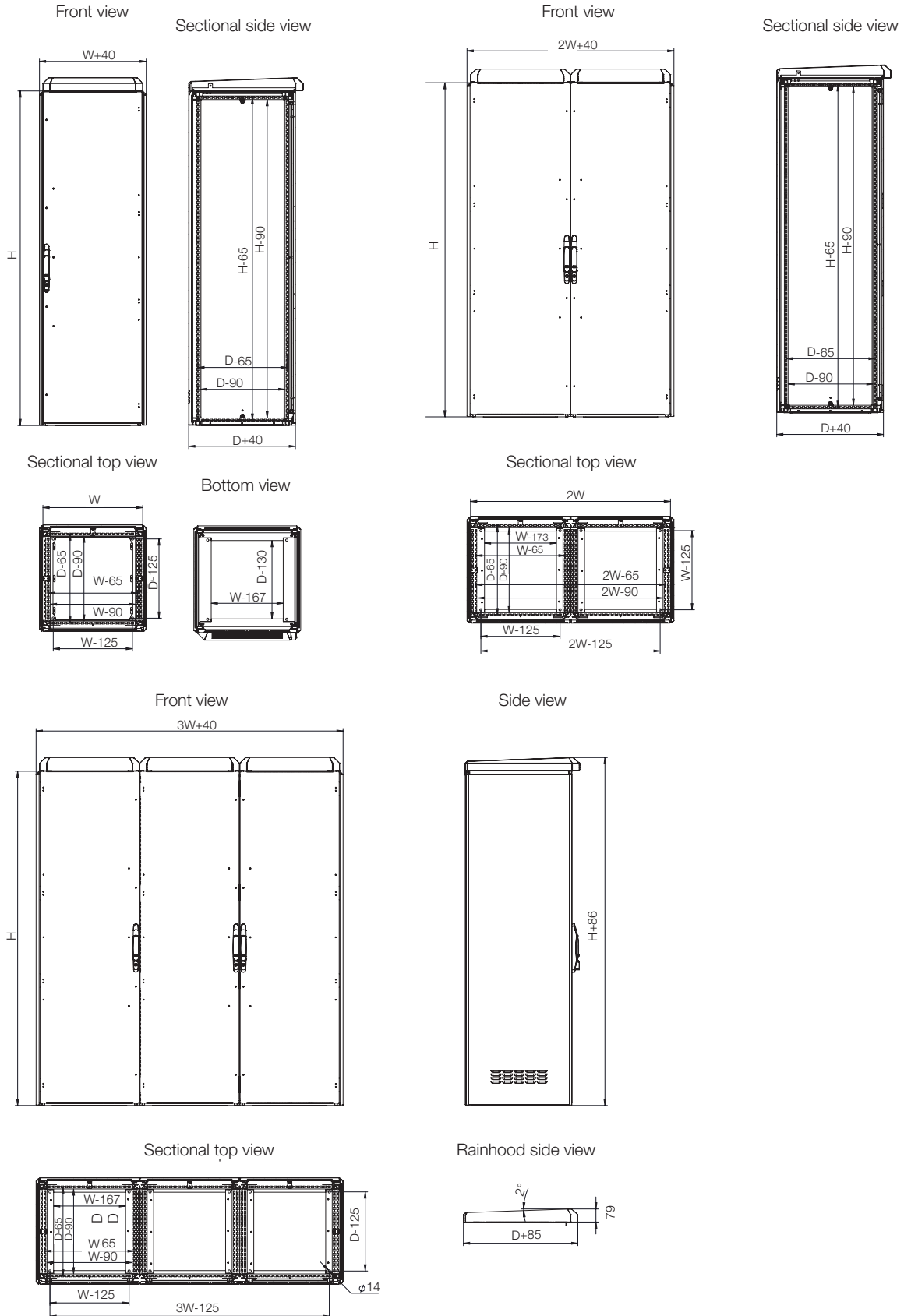
Frame with fitted door and lifthandle, rear panel and rain hood. Delivery also includes earthing bolts. Delivered on a pallet which is identical to the width of the enclosure to allow suiting without removal. All packing material is recyclable. Mounting plate, bottom plates and side panels are not included in the standard delivery.

Dimensional table | ECOM

IP 66 | TYPE 4X, 12, 13 | IK 10

Enclosure dimensions			Item no.
H	W	D	
1600	600	600	ECOM16066
1600	800	600	ECOM16086
1800	600	600	ECOM18066
1800	800	600	ECOM18086
2000	600	600	ECOM20066
2000	800	600	ECOM20086





Accessories selection matrix | EKOM

Enclosure				Mounting						
H	W	D	Mounting plate	Aluminium mounting plate	Mounting profile, in H	Mounting profile, in W	Mounting profile, in D	Click in profile, in W	Click in profile, in D	
EKOM12066	1200	600	600	MP1206	MPAL1206	CLPF1200	CLPF600	CLPF600	CLPK600	CLPK600
EKOM12086	1200	800	600	MP1208	MPAL1208	CLPF1200	CLPF600	CLPF600	CLPK800	CLPK600
EKOM14066	1400	600	600	MP1406	MPAL1406	CLPF1400	CLPF600	CLPF600	CLPK600	CLPK600
EKOM14086	1400	800	600	MP1408	MPAL1408	CLPF1400	CLPF800	CLPF600	CLPK800	CLPK600
EKOM12126	1200	1200	600	2x MP1206	2x MPAL1206	CLPF1200	2x CLPF600	2x CLPF600	2x CLPK600	2x CLPK600
EKOM14185	1400	1800	500	3x MP1406	3x MPAL1406	CLPF1400	3x CLPF600	CLPF500	3x CLPK600	CLPK500

Enclosure				Mounting				Fixing	Cable
H	W	D	Mounting profiles (19") *	Brackets for fixing 19" mounting profiles	Carrier bars, in D	Carrier bars, in W	Plinth (100 mm height)	Aluminium bottom plates	
EKOM12066	1200	600	600	CIP24	CIB600	CB600	CB600	PFAL1066	CBPA066
EKOM12086	1200	800	600	CIP24	CIB800	CB600	CB600	PFAL1086	CBPA086
EKOM14066	1400	600	600	CIP29	CIB600	CB600	CB600	PFAL1066	CBPA066
EKOM14086	1400	800	600	CIP29	CIB800	CB600	CB600	PFAL1086	CBPA086
EKOM12126	1200	1200	600	CIP24	CIB600	CB600	CB600	PFAL1126	2x CBPA066
EKOM14185	1400	1800	500	CIP29	CIB600	CB500	CB600	PFAL1185	3x CBPA065






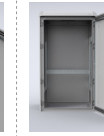

* CIB, CID or CIWR are required.








Enclosure				Mounting						
H	W	D	Mounting plate	Aluminium mounting plate	Mounting profile, in H	Mounting profile, in W	Mounting profile, in D	Click in profile, in W	Click in profile, in D	
EKOM12064-SW	1200	600	400	MP1206	MPAL1206	CLPF1200	CLPF600	CLPF400	CLPK600	CLPK400
EKOM12066-SW	1200	600	600	MP1206	MPAL1206	CLPF1200	CLPF600	CLPF600	CLPK600	CLPK600
EKOM12084-SW	1200	800	400	MP1208	MPAL1208	CLPF1200	CLPF800	CLPF400	CLPK800	CLPK400
EKOM12086-SW	1200	800	600	MP1208	MPAL1208	CLPF1200	CLPF600	CLPF600	CLPK600	CLPK600
EKOM12124-SW	1200	1200	400	2x MP1206	2x MPAL1206	CLPF1200	2x CLPF600	CLPF400	2x CLPK600	CLPK400
EKOM14184-SW	1400	1800	400	3x MP1206	3x MPAL1206	CLPF1400	3x CLPF600	CLPF400	3x CLPK600	CLPK400

Enclosure				Mounting				Fixing	Cable
H	W	D	Mounting profiles (19") *	Brackets for fixing 19" mounting profiles	Carrier bars, in D	Carrier bars, in W	Plinth (100 mm height)	Aluminium bottom plates	
EKOM12064-SW	1200	600	400	CIP24	CIB600	CB400	CB600	PFAL1064	CBPA064
EKOM12066-SW	1200	600	600	CIP24	CIB600	CB600	CB600	PFAL1066	CBPA066
EKOM12084-SW	1200	800	400	CIP24	CIB800	CB400	CB800	PFAL1084	CBPA084
EKOM12086-SW	1200	800	600	CIP24	CIB800	CB600	CB800	PFAL1086	CBPA086
EKOM12124-SW	1200	1200	400	CIP24	CIB600	CB400	CB600	PFAL1124	2x CBPA064
EKOM14184-SW	1400	1800	400	CIP29	CIB600	CB400	CB600	PFAL1184	3x CBPA064

* CIB, CID or CIWR are required.

Accessories selection matrix | ECOM

										
Enclosure				Mounting						
	H	W	D	Mounting plate	Aluminium mounting plate	Mounting profile, in H	Mounting profile, in W	Mounting profile, in D	Click in profile, in W	Click in profile, in D
ECOM16066	1600	600	600	MP1606	MPAL1606	CLPF1600	CLPF600	CLPF600	CLPK600	CLPK600
ECOM16086	1600	800	600	MP1608	MPAL1608	CLPF1600	CLPF800	CLPF600	CLPK800	CLPK600
ECOM18066	1800	600	600	MP1806	MPAL1806	CLPF1800	CLPF600	CLPF600	CLPK600	CLPK600
ECOM18086	1800	800	600	MP1808	MPAL1808	CLPF1800	CLPF800	CLPF600	CLPK800	CLPK600
ECOM20066	2000	600	600	MP2006	MPAL2006	CLPF2000	CLPF600	CLPF600	CLPK600	CLPK600
ECOM20086	2000	800	600	MP2006	MPAL2006	CLPF2000	CLPF800	CLPF600	CLPK800	CLPK600

										
Enclosure				Mounting				Fixing	Cable	Baying
	H	W	D	Mounting profiles (19") *	Brackets for fixing 19" mounting profiles	Carrier bars, in D	Carrier bars, in W	Plinth (100 mm height)	Aluminium bottom plates	Aluminium side panels
ECOM16066	1600	600	600	CIP33	CIB600	CB600	CB600	PFAL1066	CBPA066	SPMA1606
ECOM16086	1600	800	600	CIP33	CIB800	CB600	CB800	PFAL1086	CBPA086	SPMA1608
ECOM18066	1800	600	600	CIP38	CIB600	CB600	CB600	PFAL1066	CBPA066	SPMA1806
ECOM18086	1800	800	600	CIP38	CIB800	CB600	CB800	PFAL1086	CBPA086	SPMA1808
ECOM20066	2000	600	600	CIP42	CIB600	CB600	CB600	PFAL1066	CBPA066	SPMA2006
ECOM20086	2000	800	600	CIP42	CIB800	CB600	CB800	PFAL1086	CBPA086	SPMA2006

* CIB, CID or CIWR are required.

Mounting plates aluminium, MPAL

Description: Aluminium mounting plate. Fixing bracket kit MPA06 to be ordered separately. For heavy loads in vibrating environments use mounting plate reinforcement profile MPR and MPE or MPEF brackets.

Material: 3 mm Aluminium Al Mg3.

Pack quantity: 1 piece.

For enclosure		Mounting plate dimensions		Item no.
H	W	h	w	
1200	600	1094	494	MPAL1206
1200	800	1094	694	MPAL1208
1400	600	1294	494	MPAL1406
1400	800	1294	694	MPAL1408



Aluminium plinth, PFAL

Description: Aluminium plinth allows cabling without any restrictions. The plinth consists of two lateral profiles with removable front and rear plates.

Material: Aluminium AlMg3. Profiles: 3 mm and panels 2 mm.

Finish: RAL 7035 polyester powder coated.

Pack quantity: 1 plinth with mounting material.

For enclosure			Item no.
H	W	D	
100	600	400	PFAL1064
100	600	600	PFAL1066
100	800	400	PFAL1084
100	800	600	PFAL1086
100	1200	400	PFAL1124
100	1200	600	PFAL1126
100	1800	400	PFAL1184
100	1800	500	PFAL1185

Note: Plinth 1800 mm wide made of two pieces.



Floor Standing Aluminium Range Accessories

Ground mounted plinth, PGM

- Description:** Ground mounted plinth 1000 mm height.
Excavation depth: 700-950 mm.
- Material:** 2 mm galvanized steel.
- Finish:** RAL 7035 polyester powder coated.
- Pack quantity:** 1 kit of ground mounted plinth.

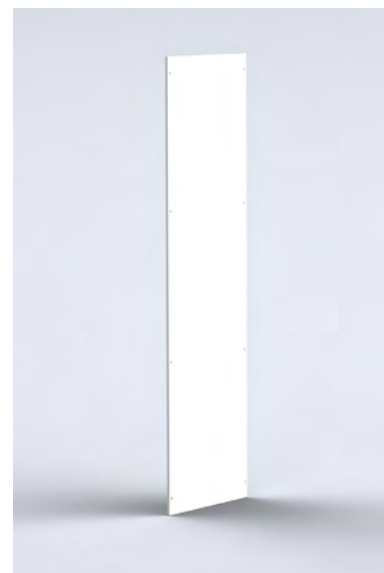
For enclosure			
H	W	D	Item no.
1000	600	400	PGM10064
1000	600	600	PGM10066
1000	800	400	PGM10084
1000	800	600	PGM10086
1000	1200	400	PGM10124
1000	1200	600	PGM10126
1000	1800	400	PGM10184



Side panels aluminium, SPMA

- Description:** Easy one man assembly. Sealed by an extruded, one piece polyurethane gasket and mounted with screws.
- Material:** Aluminium ALMg3.
- Finish:** RAL 7035 structured powder coating 100% polyester.
- Protection:** IP 66 | TYPE 4X, 12, 13.
- Pack quantity:** 2 double wall side panels with mounting accessories.

For enclosure		
H	D	Item no.
1600	600	SPMA1606
1800	600	SPMA1806
2000	600	SPMA2006



Aluminium bottom plates, CBPA

Description: One piece bottom plate. To achieve perfect sealing use the gasket kit BG01.

Material: 2 mm Aluminium AIMg3.

Finish: RAL 7035 polyester powder coated.

Pack quantity: 1 kit of bottom plate.

For enclosure		
W	D	Item no.
600	400	CBPA064
600	500	CBPA065
600	600	CBPA066
800	400	CBPA084
800	600	CBPA086

Note: For enclosures 1200 mm & 1800 mm wide use 2 x 600 mm or 3 x 600 mm wide bottom plates.





Floor Standing | EMC Range

The term EMC stands for Electro Magnetic Compatibility and deals with issues that may cause malfunction or breakdown of electronic or electrical equipment caused by the unintentional generation and reception of electromagnetic disturbances. This may, in turn, cause unwanted effects, such as Electro Magnetic Interference, EMI, a disturbance that may degrade the performance of equipment or even prevent it from functioning altogether. Potential sources of EMI in an industrial environment that may affect electronic equipment, digital networks, and PLCs include AC converters, motors, arc welders, and power lines.

The enclosures in the floor standing EMC range with a single door are manufactured in galvanized steel and are epoxy polyester powder coated only on the outside.

Eldon's EMC enclosures are suitable for indoor installations and are one of the best solutions available to protect sensitive components installed in environments with high EMI.

The welded frame makes the enclosure strong and rigid and thus well suited for heavy duty applications.

A wide range of accessories are available to allow for any configuration. And, since all enclosure versions are designed around the same platform, the same accessories may be used on all versions, which makes engineering easier and allows for stock reduction with panel builders and distributors. The assembly of the enclosures and accessories is easily done and will help you to reduce assembly time and remain competitive.

This enclosure range has been designed to comply with the relevant standard for empty enclosures, IEC 62208, and is regularly audited by the independent laboratory DEKRA which allows Eldon to put the KEMA-KEUR mark in the enclosures.

Maximum protection for the user and the equipment is achieved thanks to the high protection degree IP 54 according to IEC 60529, and IK 10 according to IEC 62262.

All enclosures in the range have UL certification for the USA, CSA for Canada, GOST and EAC for Russia and others, which makes export easier, especially for machine builders.

Floor Standing Enclosures

EMC Range

Galvanized Steel

Typical Application | Galvanized Steel

Communication

Particle accelerators

Electrical power plants

Military applications

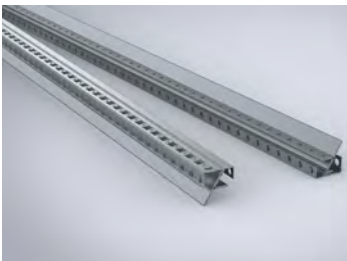
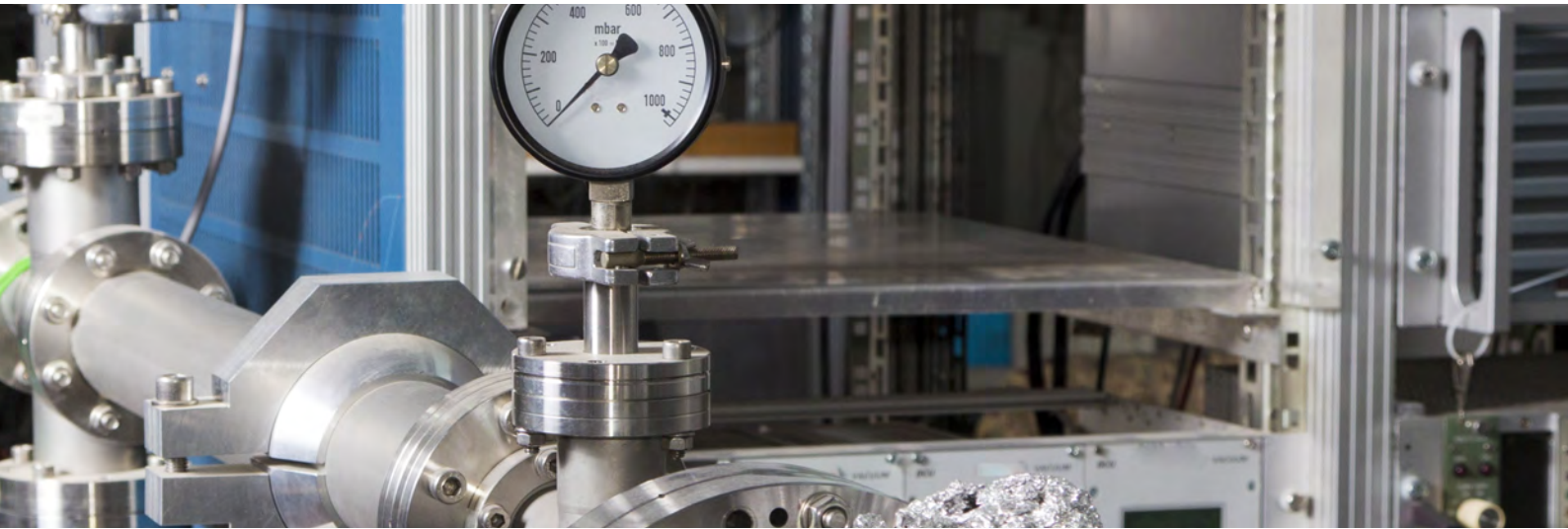


The floor standing EMC enclosure is based on the standard floor standing range, it comprises a rigid 'open' galvanized frame. The frame is made of four vertical profiles and eight horizontal profiles welded together. The profiles have an integrated 25 mm hole pattern along their whole length. Doors, as well as the rear, bottom, top and side panels are made in galvanized steel and can be easily removed. This permits tailored solutions, easy access for cabling and/or mounting of interior components, plus simplified drilling and hole-making. The EMC enclosure is only painted on the outside to guarantee electric conductivity and to ensure the Faraday effect.



Particle accelerators

Measuring equipment in particle accelerators are very sensitive to EMI and must be kept safe inside Eldon EMC enclosures. Eldon has delivered EMC floor standing enclosures for a particle accelerator in China.



Compatibility

The EMC floor standing rage is based on the standard floor standing design, having the same vertical and horizontal profiles with the 25 mm hole pattern, allowing all standard floor standing accessories to be mounted.



Conductive Gasket

A special conductive gasket is applied on all panels to ensure electrical continuity throughout the enclosure's frame and panels, guaranteeing an excellent Faraday effect.



Galvanized frame and panels

The frame and panels are manufactured from galvanized steel and the panels are only painted on the outside. Together with the conductive gasket they ensure electric conductivity creating the perfect Faraday cage.



Excellent attenuation levels

Eldon's EMC floor standing enclosures offer around 40dB of attenuation at a frequency of 1GHz in an electrical field.

Floor Standing Enclosures
EMC Range | Galvanized Steel
Single door | MCSE

IP 54 | TYPE 12 | IK 10



Material:

Frame: 1.5 mm / 1.75 mm zinc plated steel. Door: 2 mm zinc plated steel.
Rear, roof and side panels: 1.5 mm zinc plated steel. Mounting plate: 3 mm galvanized steel. Bottom plates: 1 mm galvanized steel.

Frame:

Seam welded reversed open profiles with 25 mm hole pattern according to DIN 43660. Including integrated external hole pattern.

Door:

Surface mounted with four hinges allowing left or right hand opening. Including door frame with 25 mm hole pattern. Sealing is attained by a conductive polyurethane EMC gasket.

Rear panel:

Fitted by M6 torx screws. Standard facilities for rear door mounting.

Side panels:

Supplied as an accessory.

Roof panel:

Removable.

Lock:

Espagnolette 4-point locking system. Does not interfere with the enclosure inner space. Standard double-bit lock with 3 mm pin. Standard inserts, cylinders, lift handles and T-handles are available as accessories.

Mounting plate:

Double folded and slides into position. Adjustable in depth by steps of 25 mm with the MPD02 accessory. In the enclosure delivery, mounting plate is attached on the outside of the package.

Bottom plates:

Consists of three pieces. For 800 mm deep 4 pieces.

Earthing:

All panels are earthed through their fittings and are equipped with a separate earthing stud.

Finish:

RAL 7035 structure powder coating on the outside only.

Protection:

IP 54 | TYPE 12 | IK 10.

Approvals:

CE, GOST, cULus_listed.

Delivery:

Frame with fitted door, rear panel, roof panel, bottom plates, mounting plate and door frame. Delivery also includes earthing bolts and EMI conductive combination gasket. Delivered on a pallet which is identical to the width of the enclosure to allow suiting without removal. All packing material is recyclable.

Note:

Also available in stainless steel (MCSSE).

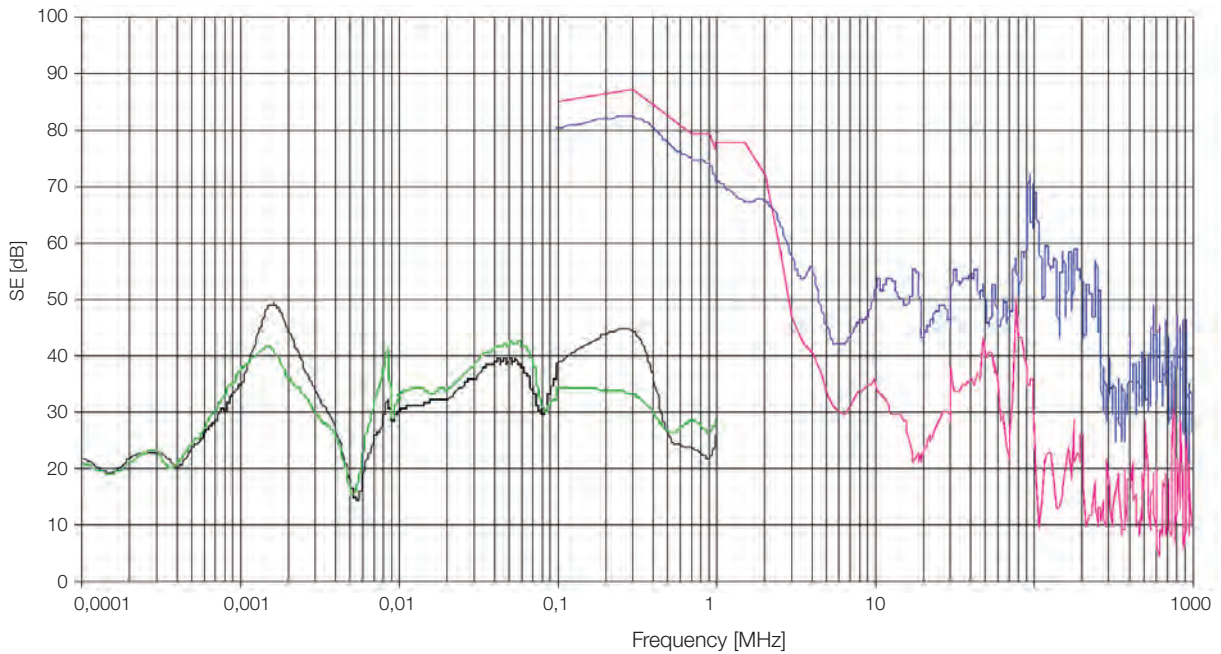


Dimensional table | MCSE

IP 54 | TYPE 12 | IK 10

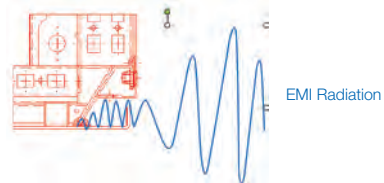
Enclosure dimensions			Mounting plate dimensions		Usable depth	Item no.
H	W	D	h	w	d	
2000	800	600	1894	694	559	MCSE20086R5
2000	800	800	1894	694	759	MCSE20088R5

All the MCS standard sizes are available in EMC version on request including other dimensions.
For EMC sidepanels see SPME.



- SE ELDON - MCSE
- SE ELDON - MCSE
- SE ELDON - MCSE
- SE ELDON - MCSE

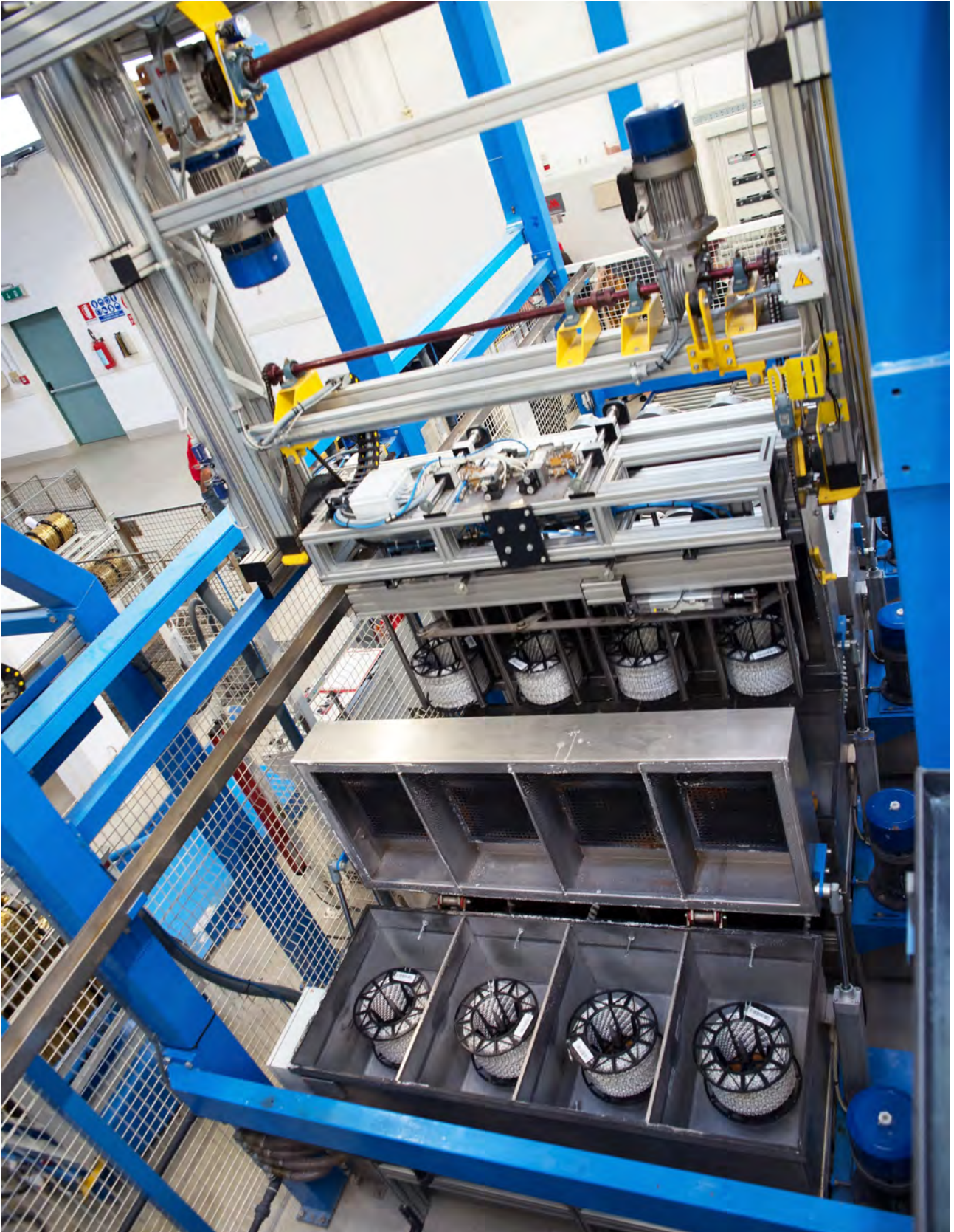
SE: SHIELD EFFECTIVENESS



01

Floor Standing Enclosures

1



Floor Standing Enclosures

EMC Range

Accessories

Glazed door (61%), DNGE

- Description:** Standard door fitted with clear safety glass to view the inside of the enclosure. Equipped with double-bit 3 mm lock system and door frame. Allows all options of the locking program. Sealing is maintained by a conductive polyurethane EMC gasket. To ensure the EMI effectiveness a mesh wire is placed behind the glass window with a clearance percentage of 61%. Use hinge kit DNMK if not for replacement of standard door.
- Material:** Frame: 2 mm zinc plated steel. Viewing area: 3 mm clear safety glass.
- Finish:** RAL 7035 structure powder coating on the outside only.
- Protection:** IP 54 | TYPE 12 | IK 07.
- Mounting requirement:** If no door was fitted previously use hinge kit DNMK01.
- Pack quantity:** 1 piece.

H	W	h	w	Item no.
2000	800	1776	615	DNGE2008R5



Side panels, SPME

- Description:** For covering the sides of the MCSE enclosures. Equipped with a conductive gasket providing both EMC/IP protection.
- Material:** 1,5 mm zinc plated steel.
- Finish:** RAL 7035 structured powder coating on the outside only.
- Protection:** IP 54 | TYPE 12.
- Pack quantity:** 2 panels with mounting accessories.

For enclosure		Item no.
H	D	
2000	600	SPME2006R5
2000	800	SPME2008R5

Other sizes available on request.



Separation plates, SPD EMC

- Description:** Separates two bayed enclosures. To be fixed with combining kit CCJ. To achieve IP 43, TYPE 1 a neoprene gasket SPDG01 can be fixed to the panel. For EMI separation the SPDEG gasket must be fitted.
- Material:** 1,5 mm zinc plated steel.
- Pack quantity:** 1 piece.
- Mounting requirement:** Add CCJ brackets for mounting.

Item no.
SPD2006
SPD2008



Separation plate brackets, CCJ

- Description:** Mounted to the enclosure's frame. Can be used on both vertical and the horizontal profiles.
- Material:** 3 mm zinc plated steel.
- Pack quantity:** 12 brackets with mounting accessories.

Item no.
CCJ12



Gasket for EMC shielding, SPDEG

- Description:** To obtain an EMC shielded section in a suited panel in combination with the separation plate SPD.
- Material:** Polyurethane foam with conductive layer (UL94HB).
- Protection:** IP 43 | TYPE 1.
- Pack quantity:** 6 m.

Item no.
SPDEG01



EMI Ventilation roof, CVRE

- Description:** Inner ventilation roof plate for a high EMI protection. Mounted directly into the frame of the enclosure. Can be used in combination with the CVR ventilation roof, CFR fan roof plate or the spacers to raise a standard roof CVK15. 33% ventilation.
- Material:** 1,5 mm zinc plated steel.
- Finish:** Non painted zinc plated steel.
- Pack quantity:** 1 piece with mounting accessories.

For enclosure		
W	D	Item no.
800	600	CVRE0806
800	800	CVRE0808



Floor Standing Enclosures

EMC Range

Accessories

EMC Filter fans, EFE

- Description:** EMC capable filter fan. Special EMC screen in combination with stainless steel contact strips guarantee good contact with enclosure surface. Cutting edge surface of the enclosure needs to be blank for contact. Long service life.
- Approvals:** CE, GOST, UR, cUL.
- Material:** Plastic, UL 94-V0. EMC screen: stainless steel, contact strips.
- Pack quantity:** 1 fan with filter.

IP	Power (W)	Cut out dim.	Air flow m ³ /h	Filter	Item no.
54	19	126.5 x 126.5	61	44	EFE200R5
54	19	178 x 178	110	82	EFE220R5
54	19	224 x 224	156	116	EFE250R5
54	45	224 x 224	256	231	EFE300R5
54	115	292 x 292	480	370	EFE500R5
54	115	292 x 292	640	445	EFE600R5
54	169	292 x 292	845	560	EFE700R5

Air flow = Free air flow (m³/h).

Filter = Air flow filter fan + exhaust filter (m³/h).



EMC Exhaust filter, EFAE

- Description:** Suitable for specific EMC enclosures. Cutting edge surface of the enclosure needs to be blank for contact.
- Material:** Plastic, UL94-V0. EMC screen: stainless steel, contact strips.
- Approvals:** CE, GOST, UR, cUL.
- Protection:** IP 54.
- Pack quantity:** 1 filter with housing.

IP	Cut out dim.	Item no.
54	126.5 x 126.5	EFAE200R5
54	178 x 178	EFAE220R5
54	224 x 224	EFAE250-300R5
54	292 x 292	EFAE500-700R5

IP 55 models on request: UV resistant.



Ventilated bottom plates, CVB EMC

- Description:** Three piece bottom plates. Can be used in combination with a ventilated plinth PV. 33% ventilation.
- Material:** 1,5 mm perforated zinc plated steel.
- Pack quantity:** 3 pieces with mounting material.
- Mounting requirement:** Use in combination with ventilated plinths PV.

For enclosure		
W	D	Item no.
800	600	CVB0806
800	800	CVB0808



EMC cable entry and bottom plate gasket, BGE

- Description:** The bottom of the enclosure is sealed by the use of an adhesive gasket applied to the frame around the bottom opening. The cables are sealed by the addition of adhesive foam placed between the bottom plates. The elasticity and the size of this foam ensures a tight seal around most cables. Added conductive material provides a good contact to shield the transfer of electro-magnetic radiation.
- Pack quantity:** 1,6 m adhesive EMC gasket for cable entry and 6 m adhesive bottom plate gasket. For 1600 mm wide enclosures please order 2 sets.

Item no.
BGE01



EMC connection bottom plate, CBPE

- Description:** Replaces two parts of the standard three or four piece bottom plates. Due to the hammer head cones, EMI cables can be directly earthed to the bottom plate keeping the "Faraday cage".
- Material:** 1,5 mm zinc plated steel.
- Pack quantity:** 2 pieces with EMI gasket and mounting accessories.

For enclosure		
W	D	Item no.
600	600	CBPE0606
600	800	CBPE0608
800	600	CBPE0806
800	800	CBPE0808







02 Wall Mounted Enclosures

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Wall Mounted | Mild Steel Range

The enclosures in the wall mounted mild steel range, with single door, double door and panel versions, are epoxy polyester coated in light grey, RAL 7035. Corrosion resistance is guaranteed by salt spray tests conducted internally according to the standard ASTM B117:11.

The enclosures are typically used for indoor applications such as machine control panels, automation and control of manufacturing lines, or HVAC installations.

The design is characterized by a sturdy cruciform body, folded from a cold pressed sheet steel plate. The enclosure's edge is folded in the shape of a channel to avoid water stagnating on the seal.

This enclosure range has been designed to comply with the relevant standard for empty enclosures, IEC 62208, and is regularly audited by the independent laboratory DEKRA which allows Eldon to put the KEMA-KEUR mark in the enclosures.

Maximum protection for the user and the equipment is achieved thanks to the high protection degrees IP 55 and 66 according to IEC 60529, and IK 10 according to IEC 62262.

Enclosures with single doors or panels are closed by one, two or three point locking systems, and double doors by means of a three points espagnolette system. The doors also have a seamless polyurethane gasket. A wide range of accessories are available to allow for any configuration. And, since all enclosure versions are designed around the same platform, the same accessories may be used on all versions, which makes engineering easier and allows for stock reduction with panel builders and distributors. The assembly of the enclosures and accessories is easily done and will help you to reduce assembly time and remain competitive.

The door opens within the outer dimensions of the enclosure body, allowing enclosures to be mounted side by side without the doors interfering.

The enclosures can be secured to the wall using bolts, which are fixed directly through the rear wall of the enclosure, the bolts are protected inside with plastic washers, or wall mounting brackets, which are screwed at the rear of the enclosure. In both cases the IP ratings are guaranteed.

All enclosures in the range have UL certification for the USA, CSA for Canada, GOST and EAC for Russia and others, which makes export easier, especially for machine builders.

Wall Mounted Enclosures

Steel Range

Mild Steel

Typical Applications | Mild Steel

Building HVAC

Machines

Process automation

Wind turbines



Mild steel enclosures are the ideal solution for indoor applications in low aggressive environments. Specially treated enclosures are also suitable for outdoor locations.

Practical, efficient and with a wide range of standard sizes and accessories available from stock, the mild steel wall mounted range offers a solution to virtually every application, and can be easily customized to suit specific requirements.



HVAC panel

HVAC applications require enclosures to house the control equipment that regulates all the building cooling and heating behavior. Customized enclosure solutions are frequently required to allow monitoring of the different electronic components inside the enclosure. The HVAC control enclosures, required for an installation, include small wall mounted enclosures to collect the field signals, medium enclosures for the area of floor control and floor standing enclosures for the main control equipment.

Eldon's wall mounted single door enclosure, MAS, was used for the area control, as the same enclosure was used for both top and bottom cable incomers without any modification as the door can be removed and rotated 180 degrees.



Punching press

Punching presses are very common in many industrial manufacturing processes. All the electronic components that regulate the machines' controls need to be protected from the environment and therefore placed within an enclosure. For this machine the selection was a double door wall mounted enclosure MAD. The available space in the machine was limited and the enclosure dimensions must fit within this, because of that, Eldon was manufacturing a ready to use solution with non-standard dimensions, cutouts needed to mount the filter fans EF, gland plates and the relevant accessories mounted on the door.



Wide availability of standard sizes

Eldon has a wide availability of standard sizes in all the mild steel enclosures. This allows Eldon to offer mild steel enclosures that can suit most applications directly from stock, ensuring reduced delivery times and better conditions.



Removable door profiles

Eldon's vertical door profiles can be removed. Since they almost reach the full door height, removing them frees extensive door space that can be used to place electrical equipment, cable ducts, push buttons etc.



Earthing facilities

Earthing connections are done by means of earthing studs placed on the enclosure body and door. The studs are M8 size in all enclosures and include a circular base that ensures the earthing cable is fitted properly in order to avoid faulty protective circuits.

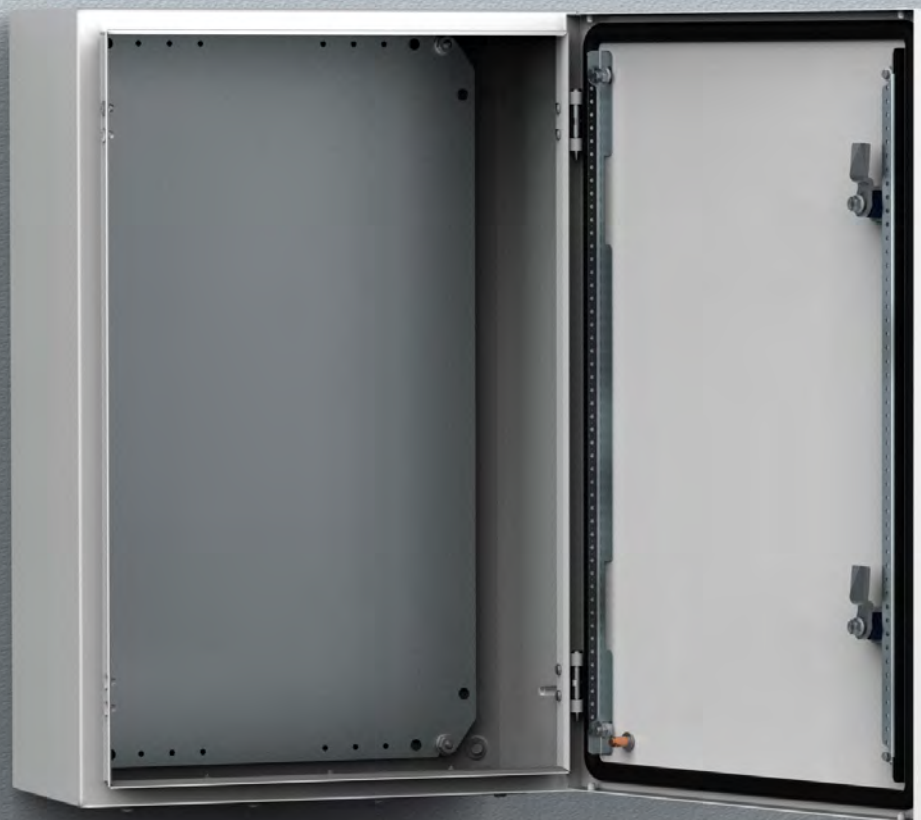


Enclosure design based around the same platform

Mild steel and stainless steel wall mounted enclosures are based on the same platform design, which means that only one range of accessories is required for both. This reduces the need for stock and less experience is required for mounting.

Wall Mounted Enclosures
Steel Range | Mild Steel
Single door | MAS

IP 66 | TYPE 4, 12, 13 | IK 10



Material:

Body: 1.2 mm mild steel for enclosures with a depth of 155 mm / 1.4 mm for enclosures with a depth of 210 or 260 mm / 1.5 mm for enclosures with a depth of 300 or 400 mm, or if a height or width is 1000 mm or greater.

Body:

Folded and seam welded. Four 8.5 mm diameter holes for wall fixing, pressed out in 20.4 mm diameter x 2 mm depressions to allow air circulation around the rear part of the enclosure.

Door:

Surface mounted with 130° opening. Concealed removable hinges with captive pin. Hinges can be mounted to allow left or right hand opening. There are studs to mount door profiles MMDP included as standard. Sealing is ensured by an injected one piece polyurethane gasket.

Lock:

Customized lock with double-bit for easy opening of the door. Double-bit 3 mm insert and 90° movement. 1000 mm high enclosures and above have espagnolette three point locking. Other inserts are available as an accessory.

Mounting plate:

The mounting plate is marked vertically at 10 mm intervals for easy horizontal positioning of equipment. On the top and bottom there are holes to facilitate cable fixing. Fixed onto M8 press welded studs to the rear of the enclosure. All sides from 800 mm and above are strengthened by folded edges. By using the AMG accessory the mounting plate position can be adjusted to any depth.

Gland Plate Opening:

Situated at the far rear of the enclosure to make cabling onto the mounting plate easier.

Protection:

Complies with IP 66 | TYPE 4, 12, 13 | IK 10. For outdoor installation the use of a rain hood ARF and 100% polyester paint coating is recommended. The corrosion resistance must be taken into consideration.

Approvals:

CE, CSA, DNV-GL, GOST, Kema Keur, Lloyds shipping, RS, cULus_listed.

Finish:

RAL 7035 structured powder coating.

Delivery:

Enclosure with door and two door mounting profiles, from size MAS0604015R5 and above. Gland plate(s) with gasket(s), plastic double-bit 3 mm key, and mounting accessories. MAS1006026R5 and above, come with a metallic key. Earthing facilities.



Dimensional table | MAS

IP 66 | TYPE 4, 12, 13 | IK 10

With mounting plate

Enclosure dimensions			Mounting plate dimensions		Usable depth	Gland plate			N° of locks	Item no.
H	W	D	h	w	d	Size	Type	Openings		
200	200	155	170	150	137	110 × 56	0S	1	1	MAS0202015R5
250	200	155	220	150	137	110 × 56	0S	1	1	MAS0252015R5
250	250	155	220	200	137	110 × 56	0S	1	1	MAS0252515R5
300	250	155	270	200	137	110 × 56	0S	1	1	MAS0302515R5
300	250	210	270	200	192	110 × 56	0S	1	1	MAS0302521R5
300	300	155	270	250	137	210 × 56	1S	1	1	MAS0303015R5
300	300	210	270	250	192	210 × 96	1	1	1	MAS0303021R5
350	250	155	320	200	137	110 × 56	0S	1	1	MAS0352515R5
400	300	155	370	250	137	210 × 56	1S	1	1	MAS0403015R5
400	300	210	370	250	192	210 × 96	1	1	1	MAS0403021R5
400	400	210	370	350	192	310 × 96	2	1	1	MAS0404021R5
400	500	210	370	450	192	410 × 96	3	1	1	MAS0405021R5
400	600	210	370	550	192	510 × 96	4	1	1	MAS0406021R5
500	300	210	470	250	192	210 × 96	1	1	1	MAS0503021R5
500	400	155	470	350	137	310 × 56	2S	1	1	MAS0504015R5
500	400	210	470	350	192	310 × 96	2	1	1	MAS0504021R5
500	400	260	470	350	242	310 × 96	2	1	1	MAS0504026R5
500	400	300	470	350	282	310 × 96	2	1	1	MAS0504030R5
500	500	210	470	450	192	410 × 96	3	1	1	MAS0505021R5
500	500	300	470	450	282	410 × 96	3	1	1	MAS0505030R5
600	400	155	570	350	137	310 × 56	2S	1	2	MAS0604015R5
600	400	210	570	350	192	310 × 96	2	1	2	MAS0604021R5
600	400	260	570	350	242	310 × 96	2	1	2	MAS0604026R5
600	400	300	570	350	282	310 × 96	2	1	2	MAS0604030R5
600	500	155	570	450	137	410 × 56	3S	1	2	MAS0605015R5
600	500	210	570	450	192	410 × 96	3	1	2	MAS0605021R5
600	500	260	570	450	242	410 × 96	3	1	2	MAS0605026R5
600	500	300	570	450	282	410 × 96	3	1	2	MAS0605030R5
600	600	210	570	550	192	510 × 96	4	1	2	MAS0606021R5
600	600	300	570	550	282	510 × 96	4	1	2	MAS0606030R5
600	600	400	570	550	382	510 × 96	4	1	2	MAS0606040R5
600	800	300	570	750	282	310 × 96	2	2	2	MAS0608030R5
700	500	210	670	450	192	410 × 96	3	1	2	MAS0705021R5
700	500	260	670	450	242	410 × 96	3	1	2	MAS0705026R5
800	400	300	770	350	282	310 × 96	2	1	2	MAS0804030R5
800	600	210	770	550	192	510 × 96	4	1	2	MAS0806021R5
800	600	260	770	550	242	510 × 96	4	1	2	MAS0806026R5
800	600	300	770	550	282	510 × 96	4	1	2	MAS0806030R5
800	600	400	770	550	382	510 × 96	4	1	2	MAS0806040R5
800	800	210	770	750	192	310 × 96	2	2	2	MAS0808021R5
800	800	300	770	750	282	310 × 96	2	2	2	MAS0808030R5
800	800	400	770	750	382	310 × 96	2	2	2	MAS0808040R5
1000	600	260	970	550	242	510 × 96	4	1	1*	MAS1006026R5
1000	600	300	970	550	282	510 × 96	4	1	1*	MAS1006030R5
1000	800	260	970	750	242	310 × 96	2	2	1*	MAS1008026R5
1000	800	300	970	750	282	310 × 96	2	2	1*	MAS1008030R5
1000	800	400	970	750	382	310 × 96	2	2	1*	MAS1008040R5
1200	600	300	1170	550	282	510 × 96	4	1	1*	MAS1206030R5
1200	800	300	1170	750	282	310 × 96	2	2	1*	MAS1208030R5
1200	800	400	1170	750	382	310 × 96	2	2	1*	MAS1208040R5

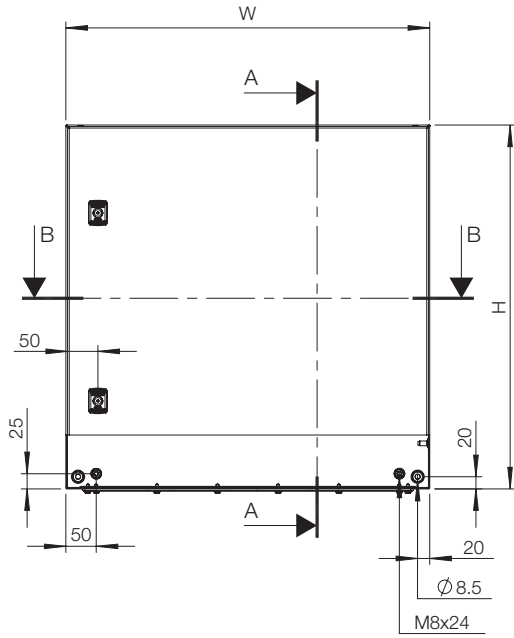
Without mounting plate

Enclosure dimensions			Gland plate				N° of locks	Item no.
H	W	D	Size	Type	Openings			
200	200	155	110 × 56	0S	1	1	MAS0202015PER5	
250	200	155	110 × 56	0S	1	1	MAS0252015PER5	
250	250	155	110 × 56	0S	1	1	MAS0252515PER5	
300	250	155	110 × 56	0S	1	1	MAS0302515PER5	
300	250	210	110 × 56	0S	1	1	MAS0302521PER5	
300	300	155	210 × 56	1S	1	1	MAS0303015PER5	
300	300	210	210 × 96	1	1	1	MAS0303021PER5	
350	250	155	110 × 56	0S	1	1	MAS0352515PER5	
400	300	155	210 × 56	1S	1	1	MAS0403015PER5	
400	300	210	210 × 96	1	1	1	MAS0403021PER5	
400	400	210	310 × 96	2	1	1	MAS0404021PER5	
400	500	210	410 × 96	3	1	1	MAS0405021PER5	
400	600	210	510 × 96	4	1	1	MAS0406021PER5	
500	300	210	210 × 96	1	1	1	MAS0503021PER5	
500	400	155	310 × 56	2S	1	1	MAS0504015PER5	
500	400	210	310 × 96	2	1	1	MAS0504021PER5	
500	400	260	310 × 96	2	1	1	MAS0504026PER5	
500	400	300	310 × 96	2	1	1	MAS0504030PER5	
500	500	210	410 × 96	3	1	1	MAS0505021PER5	
500	500	300	410 × 96	3	1	1	MAS0505030PER5	
600	400	155	310 × 56	2S	1	2	MAS0604015PER5	
600	400	210	310 × 96	2	1	2	MAS0604021PER5	
600	400	260	310 × 96	2	1	2	MAS0604026PER5	
600	400	300	310 × 96	2	1	2	MAS0604030PER5	
600	500	155	410 × 56	3S	1	2	MAS0605015PER5	
600	500	210	410 × 96	3	1	2	MAS0605021PER5	
600	500	260	410 × 96	3	1	2	MAS0605026PER5	
600	500	300	410 × 96	3	1	2	MAS0605030PER5	
600	600	210	510 × 96	4	1	2	MAS0606021PER5	
600	600	300	510 × 96	4	1	2	MAS0606030PER5	
600	600	400	510 × 96	4	1	2	MAS0606040PER5	
600	800	300	310 × 96	2	2	2	MAS0608030PER5	
700	500	210	410 × 96	3	1	2	MAS0705021PER5	
700	500	260	410 × 96	3	1	2	MAS0705026PER5	
800	400	300	310 × 96	2	1	2	MAS0804030PER5	
800	600	210	510 × 96	4	1	2	MAS0806021PER5	
800	600	260	510 × 96	4	1	2	MAS0806026PER5	
800	600	300	510 × 96	4	1	2	MAS0806030PER5	
800	600	400	510 × 96	4	1	2	MAS0806040PER5	
800	800	210	310 × 96	2	2	2	MAS0808021PER5	
800	800	300	310 × 96	2	2	2	MAS0808030PER5	
800	800	400	310 × 96	2	2	2	MAS0808040PER5	
1000	600	260	510 × 96	4	1	1*	MAS1006026PER5	
1000	600	300	510 × 96	4	1	1*	MAS1006030PER5	
1000	800	260	310 × 96	2	2	1*	MAS1008026PER5	
1000	800	300	310 × 96	2	2	1*	MAS1008030PER5	
1000	800	400	310 × 96	2	2	1*	MAS1008040PER5	
1200	600	300	510 × 96	4	1	1*	MAS1206030PER5	
1200	800	300	310 × 96	2	2	1*	MAS1208030PER5	
1200	800	400	310 × 96	2	2	1*	MAS1208040PER5	

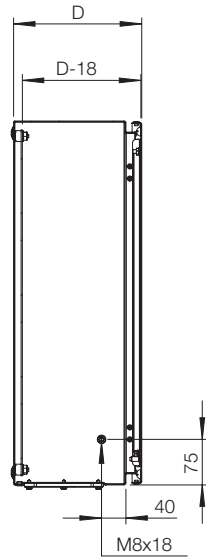
* 3 point espagnolette locking.

Dimensional drawing | MAS

Front view

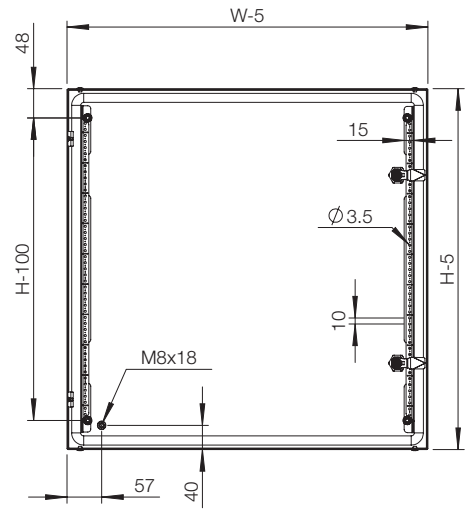


Sectional side view

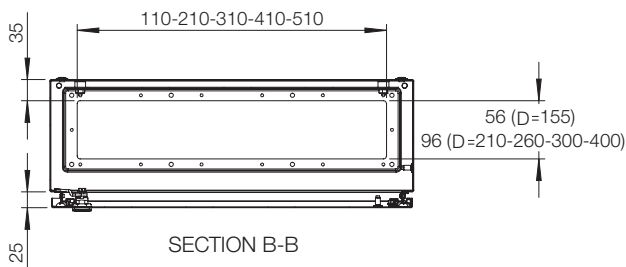


SECTION A-A

Inside door view

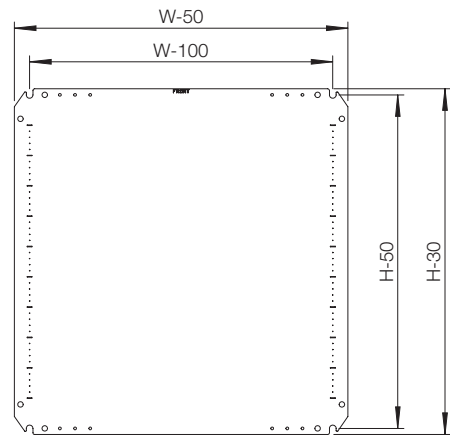


Sectional top view



SECTION B-B

Mounting plate view



Enclosure	H	W	D	Mounting				
				Steel mounting plate	Insulated mounting plate	Telequick mounting plate	Depth adjustment kit	Modular chassis
MAS0202015R5	200	200	155	AMP02020	AMI02020	-	AMG155	-
MAS0252015R5	250	200	155	AMP02520	AMI02520	-	AMG155	-
MAS0252515R5	250	250	155	AMP02525	AMI02525	-	AMG155	-
MAS0302515R5	300	250	155	AMP03025	AMI03025	-	AMG155	AC03025R5
MAS0302521R5	300	250	210	AMP03025	AMI03025	-	AMG210	AC03025R5
MAS0303015R5	300	300	155	AMP03030	AMI03030	-	AMG155	-
MAS0303021R5	300	300	210	AMP03030	AMI03030	-	AMG210	-
MAS0352515R5	350	250	155	AMP03525	AMI03525	-	AMG155	-
MAS0403015R5	400	300	155	AMP04030	AMI04030	AMT04030	AMG155	AC04030R5
MAS0403021R5	400	300	210	AMP04030	AMI04030	AMT04030	AMG210	AC04030R5
MAS0404021R5	400	400	210	AMP04040	AMI04040	AMT04040	AMG210	-
MAS0405021R5	400	500	210	AMP04050	AMI04050	AMT04050	AMG210	-
MAS0406021R5	400	600	210	AMP04060	AMI04060	AMT04060	AMG210	-
MAS0503021R5	500	300	210	AMP05030	AMI05030	AMT05030	AMG210	-
MAS0504015R5	500	400	155	AMP05040	AMI05040	AMT05040	AMG155	AC05040R5
MAS0504021R5	500	400	210	AMP05040	AMI05040	AMT05040	AMG210	AC05040R5
MAS0504026R5	500	400	260	AMP05040	AMI05040	AMT05040	AMG260	AC05040R5
MAS0504030R5	500	400	300	AMP05040	AMI05040	AMT05040	AMG300	AC05040R5
MAS0505021R5	500	500	210	AMP05050	AMI05050	AMT05050	AMG210	-
MAS0505030R5	500	500	300	AMP05050	AMI05050	AMT05050	AMG300	-
MAS0604015R5	600	400	155	AMP06040	AMI06040	AMT06040	AMG155	AC06040R5
MAS0604021R5	600	400	210	AMP06040	AMI06040	AMT06040	AMG210	AC06040R5
MAS0604026R5	600	400	260	AMP06040	AMI06040	AMT06040	AMG260	AC06040R5
MAS0604030R5	600	400	300	AMP06040	AMI06040	AMT06040	AMG300	AC06040R5
MAS0605015R5	600	500	155	AMP06050	AMI06050	AMT06050	AMG155	-
MAS0605021R5	600	500	210	AMP06050	AMI06050	AMT06050	AMG210	-
MAS0605026R5	600	500	260	AMP06050	AMI06050	AMT06050	AMG260	-
MAS0605030R5	600	500	300	AMP06050	AMI06050	AMT06050	AMG300	-
MAS0606021R5	600	600	210	AMP06060	AMI06060	AMT06060	AMG210	AC06060R5
MAS0606030R5	600	600	300	AMP06060	AMI06060	AMT06060	AMG300	AC06060R5
MAS0606040R5	600	600	400	AMP06060	AMI06060	AMT06060	AMG400	AC06060R5
MAS0608030R5	600	800	300	AMP06080	AMI06080	AMT06080	AMG300	-
MAS0705021R5	700	500	210	AMP07050	AMI07050	AMT07050	AMG210	AC07050R5
MAS0705026R5	700	500	260	AMP07050	AMI07050	AMT07050	AMG260	AC07050R5
MAS0804030R5	800	400	300	AMP08040	AMI08040	AMT08040	AMG300	-
MAS0806021R5	800	600	210	AMP08060	AMI08060	AMT08060	AMG210	AC08060R5
MAS0806026R5	800	600	260	AMP08060	AMI08060	AMT08060	AMG260	AC08060R5
MAS0806030R5	800	600	300	AMP08060	AMI08060	AMT08060	AMG300	AC08060R5
MAS0806040R5	800	600	400	AMP08060	AMI08060	AMT08060	AMG400	AC08060R5
MAS0808021R5	800	800	210	AMP08080	AMI08080	AMT08080	AMG210	-
MAS0808030R5	800	800	300	AMP08080	AMI08080	AMT08080	AMG300	-
MAS0808040R5	800	800	400	AMP08080	AMI08080	AMT08080	AMG400	-
MAS1006026R5	1000	600	260	AMP10060	AMI10060	AMT10060	AMG260	AC10060R5
MAS1006030R5	1000	600	300	AMP10060	AMI10060	AMT10060	AMG300	AC10060R5
MAS1008026R5	1000	800	260	AMP10080	AMI10080	AMT10080	AMG260	AC10080R5
MAS1008030R5	1000	800	300	AMP10080	AMI10080	AMT10080	AMG300	AC10080R5
MAS1008040R5	1000	800	400	AMP10080	AMI10080	AMT10080	AMG400	AC10080R5
MAS1206030R5	1200	600	300	AMP12060	AMI12060	AMT12060	AMG300	-
MAS1208030R5	1200	800	300	AMP12080	AMI12080	AMT12080	AMG300	-
MAS1208040R5	1200	800	400	AMP12080	AMI12080	AMT12080	AMG400	-



Accessories selection matrix | MAS

Enclosure	H	W	D	Fixing					
				Wall mounting brackets	Pole fixation	Front/rear plinths (100 mm height)	Side plinths (100 mm height)	Front/rear plinths (200 mm height)	Side plinths (200 mm height)
MAS0202015R5	200	200	155	AW41	-	-	-	-	-
MAS0252015R5	250	200	155	AW41	-	-	-	-	-
MAS0252515R5	250	250	155	AW41	-	-	-	-	-
MAS0302515R5	300	250	155	AW41	-	-	-	-	-
MAS0302521R5	300	250	210	AW41	-	-	-	-	-
MAS0303015R5	300	300	155	AW41	EPF0300	-	-	-	-
MAS0303021R5	300	300	210	AW41	EPF0300	-	-	-	-
MAS0352515R5	350	250	155	AW41	-	-	-	-	-
MAS0403015R5	400	300	155	AW41	EPF0300	-	-	-	-
MAS0403021R5	400	300	210	AW41	EPF0300	-	-	-	-
MAS0404021R5	400	400	210	AW41	EPF0400	-	-	-	-
MAS0405021R5	400	500	210	AW41	EPF0500	-	-	-	-
MAS0406021R5	400	600	210	AW41	EPF0600	-	-	-	-
MAS0503021R5	500	300	210	AW41	EPF0300	-	-	-	-
MAS0504015R5	500	400	155	AW41	EPF0400	-	-	-	-
MAS0504021R5	500	400	210	AW41	EPF0400	-	-	-	-
MAS0504026R5	500	400	260	AW41	EPF0400	P1040	PA1026	P2040	PA2026
MAS0504030R5	500	400	300	AW41	EPF0400	P1040	PA1030	P2040	PA2030
MAS0505021R5	500	500	210	AW41	EPF0500	-	-	-	-
MAS0505030R5	500	500	300	AW41	EPF0500	P1050	PA1030	P2050	PA2030
MAS0604015R5	600	400	155	AW41	EPF0400	-	-	-	-
MAS0604021R5	600	400	210	AW41	EPF0400	-	-	-	-
MAS0604026R5	600	400	260	AW41	EPF0400	P1040	PA1026	P2040	PA2026
MAS0604030R5	600	400	300	AW41	EPF0400	P1040	PA1030	P2040	PA2030
MAS0605015R5	600	500	155	AW41	EPF0500	-	-	-	-
MAS0605021R5	600	500	210	AW41	EPF0500	-	-	-	-
MAS0605026R5	600	500	260	AW41	EPF0500	P1050	PA1026	P2050	PA2026
MAS0605030R5	600	500	300	AW41	EPF0500	P1050	PA1030	P2050	PA2030
MAS0606021R5	600	600	210	AW41	EPF0600	-	-	-	-
MAS0606030R5	600	600	300	AW41	EPF0600	P1060	PA1030	P2060	PA2030
MAS0606040R5	600	600	400	AW41	EPF0600	P1060	PA1040	P2060	PA2040
MAS0608030R5	600	800	300	AW41	EPF0800	P1080	PA1030	P2080	PA2030
MAS0705021R5	700	500	210	AW41	EPF0500	-	-	-	-
MAS0705026R5	700	500	260	AW41	EPF0500	P1050	PA1026	P2050	PA2026
MAS0804030R5	800	400	300	AW41	EPF0400	P1040	PA1030	P2040	PA2030
MAS0806021R5	800	600	210	AW41	EPF0600	-	-	-	-
MAS0806026R5	800	600	260	AW41	EPF0600	P1060	PA1026	P2060	PA2026
MAS0806030R5	800	600	300	AW41	EPF0600	P1060	PA1030	P2060	PA2030
MAS0806040R5	800	600	400	AW41	EPF0600	P1060	PA1040	P2060	PA2040
MAS0808021R5	800	800	210	AW41	EPF0800	-	-	-	-
MAS0808030R5	800	800	300	AW41	EPF0800	P1080	PA1030	P2080	PA2030
MAS0808040R5	800	800	400	AW41	EPF0800	P1080	PA1040	P2080	PA2040
MAS1006026R5	1000	600	260	AW41	EPF0600	P1060	PA1026	P2060	PA2026
MAS1006030R5	1000	600	300	AW41	EPF0600	P1060	PA1030	P2060	PA2030
MAS1008026R5	1000	800	260	AW41	EPF0800	P1080	PA1026	P2080	PA2026
MAS1008030R5	1000	800	300	AW41	EPF0800	P1080	PA1030	P2080	PA2030
MAS1008040R5	1000	800	400	AW41	EPF0800	P1080	PA1040	P2080	PA2040
MAS1206030R5	1200	600	300	AW41	EPF0600	P1060	PA1030	P2060	PA2030
MAS1208030R5	1200	800	300	AW41	EPF0800	P1080	PA1030	P2080	PA2030
MAS1208040R5	1200	800	400	AW41	EPF0800	P1080	PA1040	P2080	PA2040



Enclosure				Doors				
	H	W	D	Inner door	Transparent door	Glazed door	Glazed aluminium door	Padlocking
MAS0202015R5	200	200	155	-	-	-	-	PLC01
MAS0252015R5	250	200	155	-	-	-	-	PLC01
MAS0252515R5	250	250	155	-	-	-	-	PLC01
MAS0302515R5	300	250	155	-	ADT03025R5	ADC03025R5	-	PLC01
MAS0302521R5	300	250	210	-	ADT03025R5	ADC03025R5	-	PLC01
MAS0303015R5	300	300	155	-	ADT03030R5	ADC03030R5	ADA03030	PLC01
MAS0303021R5	300	300	210	-	ADT03030R5	ADC03030R5	ADA03030	PLC01
MAS0352515R5	350	250	155	-	-	-	-	PLC01
MAS0403015R5	400	300	155	ADI04030R5	ADT04030R5	ADC04030R5	ADA04030	PLC01
MAS0403021R5	400	300	210	ADI04030R5	ADT04030R5	ADC04030R5	ADA04030	PLC01
MAS0404021R5	400	400	210	ADI04040R5	ADT04040R5	ADC04040R5	ADA04040	PLC01
MAS0405021R5	400	500	210	ADI04050R5	-	-	-	PLC01
MAS0406021R5	400	600	210	ADI04060R5	-	-	ADA04060	PLC01
MAS0503021R5	500	300	210	ADI05030R5	ADT05030R5	ADC05030R5	ADA05030	PLC01
MAS0504015R5	500	400	155	ADI05040R5	ADT05040R5	ADC05040R5	ADA05040	PLC01
MAS0504021R5	500	400	210	ADI05040R5	ADT05040R5	ADC05040R5	ADA05040	PLC01
MAS0504026R5	500	400	260	ADI05040R5	ADT05040R5	ADC05040R5	ADA05040	PLC01
MAS0504030R5	500	400	300	ADI05040R5	ADT05040R5	ADC05040R5	ADA05040	PLC01
MAS0505021R5	500	500	210	ADI05050R5	-	-	-	PLC01
MAS0505030R5	500	500	300	ADI05050R5	-	-	-	PLC01
MAS0604015R5	600	400	155	ADI06040R5	ADT06040R5	ADC06040R5	ADAB06040	PLC01
MAS0604021R5	600	400	210	ADI06040R5	ADT06040R5	ADC06040R5	ADAB06040	PLC01
MAS0604026R5	600	400	260	ADI06040R5	ADT06040R5	ADC06040R5	ADAB06040	PLC01
MAS0604030R5	600	400	300	ADI06040R5	ADT06040R5	ADC06040R5	ADAB06040	PLC01
MAS0605015R5	600	500	155	ADI06050R5	ADT06050R5	ADC06050R5	-	PLC01
MAS0605021R5	600	500	210	ADI06050R5	ADT06050R5	ADC06050R5	-	PLC01
MAS0605026R5	600	500	260	ADI06050R5	ADT06050R5	ADC06050R5	-	PLC01
MAS0605030R5	600	500	300	ADI06050R5	ADT06050R5	ADC06050R5	-	PLC01
MAS0606021R5	600	600	210	ADI06060R5	ADT06060R5	ADC06060R5	ADAB06060	PLC01
MAS0606030R5	600	600	300	ADI06060R5	ADT06060R5	ADC06060R5	ADAB06060	PLC01
MAS0606040R5	600	600	400	ADI06060R5	ADT06060R5	ADC06060R5	ADAB06060	PLC01
MAS0608030R5	600	800	300	ADI06080R5	-	-	ADAB06080	PLC01
MAS0705021R5	700	500	210	ADI07050R5	ADT07050R5	ADC07050R5	ADAB07050	PLC01
MAS0705026R5	700	500	260	ADI07050R5	ADT07050R5	ADC07050R5	ADAB07050	PLC01
MAS0804030R5	800	400	300	ADI08040R5	-	-	-	PLC01
MAS0806021R5	800	600	210	ADI08060R5	ADT08060R5	ADC08060R5	ADAB08060	PLC01
MAS0806026R5	800	600	260	ADI08060R5	ADT08060R5	ADC08060R5	ADAB08060	PLC01
MAS0806030R5	800	600	300	ADI08060R5	ADT08060R5	ADC08060R5	ADAB08060	PLC01
MAS0806040R5	800	600	400	ADI08060R5	ADT08060R5	ADC08060R5	ADAB08060	PLC01
MAS0808021R5	800	800	210	ADI08080R5	-	-	-	PLC01
MAS0808030R5	800	800	300	ADI08080R5	-	-	-	PLC01
MAS0808040R5	800	800	400	ADI08080R5	-	-	-	PLC01
MAS1006026R5	1000	600	260	ADI10060R5	ADT10060R5	ADC10060R5	-	PLC01
MAS1006030R5	1000	600	300	ADI10060R5	ADT10060R5	ADC10060R5	-	PLC01
MAS1008026R5	1000	800	260	ADI10080R5	ADT10080R5	ADC10080R5	ADAB10080	PLC01
MAS1008030R5	1000	800	300	ADI10080R5	ADT10080R5	ADC10080R5	ADAB10080	PLC01
MAS1008040R5	1000	800	400	ADI10080R5	ADT10080R5	ADC10080R5	ADAB10080	PLC01
MAS1206030R5	1200	600	300	ADI12060R5	ADT12060R5	ADC12060R5	ADAB12060	PLC01
MAS1208030R5	1200	800	300	ADI12080R5	ADT12080R5	ADC12080R5	ADAB12080	PLC01
MAS1208040R5	1200	800	400	ADI12080R5	ADT12080R5	ADC12080R5	ADAB12080	PLC01

Accessories selection matrix | MAS

Enclosure	H	W	D	Doors				
				180° hinges	Door stop	Door switch	Door mounting profiles	Door horizontal profiles
MAS0202015R5	200	200	155	MMH02	-	ADSW01	-	-
MAS0252015R5	250	200	155	MMH02	-	ADSW01	-	-
MAS0252515R5	250	250	155	MMH02	-	ADSW01	-	-
MAS0302515R5	300	250	155	MMH02	-	ADSW01	MMDP030	-
MAS0302521R5	300	250	210	MMH02	-	ADSW01	MMDP030	-
MAS0303015R5	300	300	155	MMH02	ADO202	ADSW01	MMDP030	DHP030
MAS0303021R5	300	300	210	MMH02	ADO202	ADSW01	MMDP030	DHP030
MAS0352515R5	350	250	155	MMH02	ADO202	ADSW01	-	-
MAS0403015R5	400	300	155	MMH02	ADO202	ADSW01	MMDP040	DHP030
MAS0403021R5	400	300	210	MMH02	ADO202	ADSW01	MMDP040	DHP030
MAS0404021R5	400	400	210	MMH02	ADO202	ADSW01	MMDP040	DHP040
MAS0405021R5	400	500	210	MMH02	ADO202	ADSW01	MMDP040	DHP050
MAS0406021R5	400	600	210	MMH02	ADO202	ADSW01	MMDP040	DHP060
MAS0503021R5	500	300	210	MMH02	ADO202	ADSW01	MMDP050	DHP030
MAS0504015R5	500	400	155	MMH02	ADO202	ADSW01	MMDP050	DHP040
MAS0504021R5	500	400	210	MMH02	ADO202	ADSW01	MMDP050	DHP040
MAS0504026R5	500	400	260	MMH02	ADO202	ADSW01	MMDP050	DHP040
MAS0504030R5	500	400	300	MMH02	ADO202	ADSW01	MMDP050	DHP040
MAS0505021R5	500	500	210	MMH02	ADO202	ADSW01	MMDP050	DHP050
MAS0505030R5	500	500	300	MMH02	ADO202	ADSW01	MMDP050	DHP050
MAS0604015R5	600	400	155	MMH02	ADO202	ADSW01	MMDP060	DHP040
MAS0604021R5	600	400	210	MMH02	ADO202	ADSW01	MMDP060	DHP040
MAS0604026R5	600	400	260	MMH02	ADO202	ADSW01	MMDP060	DHP040
MAS0604030R5	600	400	300	MMH02	ADO202	ADSW01	MMDP060	DHP040
MAS0605015R5	600	500	155	MMH02	ADO202	ADSW01	MMDP060	DHP050
MAS0605021R5	600	500	210	MMH02	ADO202	ADSW01	MMDP060	DHP050
MAS0605026R5	600	500	260	MMH02	ADO202	ADSW01	MMDP060	DHP050
MAS0605030R5	600	500	300	MMH02	ADO202	ADSW01	MMDP060	DHP050
MAS0606021R5	600	600	210	MMH02	ADO202	ADSW01	MMDP060	DHP060
MAS0606030R5	600	600	300	MMH02	ADO202	ADSW01	MMDP060	DHP060
MAS0606040R5	600	600	400	MMH02	ADO202	ADSW01	MMDP060	DHP060
MAS0608030R5	600	800	300	MMH02	ADO202	ADSW01	MMDP060	-
MAS0705021R5	700	500	210	MMH02	ADO202	ADSW01	MMDP070	DHP050
MAS0705026R5	700	500	260	MMH02	ADO202	ADSW01	MMDP070	DHP050
MAS0804030R5	800	400	300	MMH02	ADO202	ADSW01	MMDP080	DHP040
MAS0806021R5	800	600	210	MMH02	ADO202	ADSW01	MMDP080	DHP060
MAS0806026R5	800	600	260	MMH02	ADO202	ADSW01	MMDP080	DHP060
MAS0806030R5	800	600	300	MMH02	ADO202	ADSW01	MMDP080	DHP060
MAS0806040R5	800	600	400	MMH02	ADO202	ADSW01	MMDP080	DHP060
MAS0808021R5	800	800	210	MMH02	ADO202	ADSW01	MMDP080	DHP080
MAS0808030R5	800	800	300	MMH02	ADO202	ADSW01	MMDP080	DHP080
MAS0808040R5	800	800	400	MMH02	ADO202	ADSW01	MMDP080	DHP080
MAS1006026R5	1000	600	260	MMH03	ADO202	ADSW01	MMDP100	DHP060
MAS1006030R5	1000	600	300	MMH03	ADO202	ADSW01	MMDP100	DHP060
MAS1008026R5	1000	800	260	MMH03	ADO202	ADSW01	MMDP100	DHP080
MAS1008030R5	1000	800	300	MMH03	ADO202	ADSW01	MMDP100	DHP080
MAS1008040R5	1000	800	400	MMH03	ADO202	ADSW01	MMDP100	DHP080
MAS1206030R5	1200	600	300	MMH03	ADO202	ADSW01	MMDP120	DHP060
MAS1208030R5	1200	800	300	MMH03	ADO202	ADSW01	MMDP120	DHP080
MAS1208040R5	1200	800	400	MMH03	ADO202	ADSW01	MMDP120	DHP080



Enclosure				Gland plates					Protection
	H	W	D	Ventilated gland plate	Ventilated gland plate with fly-net	Ventilated gland plate with filter	Adapter gland plate	Gland plate with knock-outs	Rainhood
MAS0202015R5	200	200	155	-	-	-	-	-	-
MAS0252015R5	250	200	155	-	-	-	-	-	-
MAS0252515R5	250	250	155	-	-	-	-	-	ARF02515R5
MAS0302515R5	300	250	155	-	-	-	-	-	ARF02515R5
MAS0302521R5	300	250	210	-	-	-	-	-	ARF02521R5
MAS0303015R5	300	300	155	-	-	-	-	AFK11SR5	ARF03015R5
MAS0303021R5	300	300	210	AFR01R5	AFG01R5	AFV01R5	AFA01R5	AFK11R5/AFK12R5	ARF03021R5
MAS0352515R5	350	250	155	-	-	-	-	-	ARF02515R5
MAS0403015R5	400	300	155	-	-	-	-	AFK11SR5	ARF03015R5
MAS0403021R5	400	300	210	AFR01R5	AFG01R5	AFV01R5	AFA01R5	AFK11R5/AFK12R5	ARF03021R5
MAS0404021R5	400	400	210	AFR02R5	AFG02R5	AFV02R5	AFA02R5	AFK21R5/AFK22R5	ARF04021R5
MAS0405021R5	400	500	210	AFR03R5	AFG03R5	AFV03R5	AFA03R5	AFK31R5/AFK32R5	ARF05021R5
MAS0406021R5	400	600	210	AFR04R5	AFG04R5	AFV04R5	AFA04R5	AFK41R5/AFK42R5	ARF06021R5
MAS0503021R5	500	300	210	AFR01R5	AFG01R5	AFV01R5	AFA01R5	AFK11R5/AFK12R5	ARF03021R5
MAS0504015R5	500	400	155	-	-	-	-	AFK21SR5	ARF04015R5
MAS0504021R5	500	400	210	AFR02R5	AFG02R5	AFV02R5	AFA02R5	AFK21R5/AFK22R5	ARF04021R5
MAS0504026R5	500	400	260	AFR02R5	AFG02R5	AFV02R5	AFA02R5	AFK21R5/AFK22R5	ARF04026R5
MAS0504030R5	500	400	300	AFR02R5	AFG02R5	AFV02R5	AFA02R5	AFK21R5/AFK22R5	ARF04030R5
MAS0505021R5	500	500	210	AFR03R5	AFG03R5	AFV03R5	AFA03R5	AFK31R5/AFK32R5	ARF05021R5
MAS0505030R5	500	500	300	AFR03R5	AFG03R5	AFV03R5	AFA03R5	AFK31R5/AFK32R5	ARF05030R5
MAS0604015R5	600	400	155	-	-	-	-	AFK21SR5	ARF04015R5
MAS0604021R5	600	400	210	AFR02R5	AFG02R5	AFV02R5	AFA02R5	AFK21R5/AFK22R5	ARF04021R5
MAS0604026R5	600	400	260	AFR02R5	AFG02R5	AFV02R5	AFA02R5	AFK21R5	ARF04026R5
MAS0604030R5	600	400	300	AFR02R5	AFG02R5	AFV02R5	AFA02R5	AFK22R5/AFK21R5	ARF04030R5
MAS0605015R5	600	500	155	-	-	-	-	AFK31SR5	ARF05015R5
MAS0605021R5	600	500	210	AFR03R5	AFG03R5	AFV03R5	AFA03R5	AFK31R5/AFK32R5	ARF05021R5
MAS0605026R5	600	500	260	AFR03R5	AFG03R5	AFV03R5	AFA03R5	AFK31R5/AFK32R5	ARF05026R5
MAS0605030R5	600	500	300	AFR03R5	AFG03R5	AFV03R5	AFA03R5	AFK31R5/AFK32R5	ARF05030R5
MAS0606021R5	600	600	210	AFR04R5	AFG04R5	AFV04R5	AFA04R5	AFK41R5/AFK42R5	ARF06021R5
MAS0606030R5	600	600	300	AFR04R5	AFG04R5	AFV04R5	AFA04R5	AFK41R5/AFK42R5	ARF06030R5
MAS0606040R5	600	600	400	AFR04R5	AFG04R5	AFV04R5	AFA04R5	AFK41R5/AFK42R5	ARF06040R5
MAS0608030R5	600	800	300	AFR02R5	AFG02R5	AFV02R5	AFA02R5	AFK21R5/AFK22R5	ARF08030R5
MAS0705021R5	700	500	210	AFR03R5	AFG03R5	AFV03R5	AFA03R5	AFK31R5/AFK32R5	ARF05021R5
MAS0705026R5	700	500	260	AFR03R5	AFG03R5	AFV03R5	AFA03R5	AFK31R5/AFK32R5	ARF05026R5
MAS0804030R5	800	400	300	AFR02R5	AFG02R5	AFV02R5	AFA02R5	AFK21R5/AFK22R5	ARF04030R5
MAS0806021R5	800	600	210	AFR04R5	AFG04R5	AFV04R5	AFA04R5	AFK41R5/AFK42R5	ARF06021R5
MAS0806026R5	800	600	260	AFR04R5	AFG04R5	AFV04R5	AFA04R5	AFK41R5/AFK42R5	ARF06026R5
MAS0806030R5	800	600	300	AFR04R5	AFG04R5	AFV04R5	AFA04R5	AFK41R5/AFK42R5	ARF06030R5
MAS0806040R5	800	600	400	AFR04R5	AFG04R5	AFV04R5	AFA04R5	AFK41R5/AFK42R5	ARF06040R5
MAS0808021R5	800	800	210	AFR02R5	AFG02R5	AFV02R5	AFA02R5	AFK21R5/AFK22R5	ARF08021R5
MAS0808030R5	800	800	300	AFR02R5	AFG02R5	AFV02R5	AFA02R5	AFK21R5/AFK22R5	ARF08030R5
MAS0808040R5	800	800	400	AFR02R5	AFG02R5	AFV02R5	AFA02R5	AFK21R5/AFK22R5	ARF08040R5
MAS1006026R5	1000	600	260	AFR04R5	AFG04R5	AFV04R5	AFA04R5	AFK41R5/AFK42R5	ARF06026R5
MAS1006030R5	1000	600	300	AFR04R5	AFG04R5	AFV04R5	AFA04R5	AFK41R5/AFK42R5	ARF06030R5
MAS1008026R5	1000	800	260	AFR02R5	AFG02R5	AFV02R5	AFA02R5	AFK21R5/AFK22R5	ARF08026R5
MAS1008030R5	1000	800	300	AFR02R5	AFG02R5	AFV02R5	AFA02R5	AFK21R5/AFK22R5	ARF08030R5
MAS1008040R5	1000	800	400	AFR02R5	AFG02R5	AFV02R5	AFA02R5	AFK21R5/AFK22R5	ARF08040R5
MAS1206030R5	1200	600	300	AFR04R5	AFG04R5	AFV04R5	AFA04R5	AFK41R5/AFK42R5	ARF06030R5
MAS1208030R5	1200	800	300	AFR02R5	AFG02R5	AFV02R5	AFA02R5	AFK21R5/AFK22R5	ARF08030R5
MAS1208040R5	1200	800	400	AFR02R5	AFG02R5	AFV02R5	AFA02R5	AFK21R5/AFK22R5	ARF08040R5

Wall Mounted Enclosures
Steel Range | Mild Steel
Double door | MAD

IP 55 | TYPE 12, 13 | IK 10



Material:

Body: 1.5 mm mild steel. Gland plate: 1.4 mm mild steel. Door: 2 mm mild steel
Mounting plate: 2 mm galvanized steel / 2.5 mm MAD1001030R5 and above.

Body:

Folded and seam welded. Four 8.5 mm diameter holes for wall fixing, pressed out in 20.4 mm diameter x 2 mm depressions to allow air circulation around the rear part of the enclosure.

Door:

Surface mounted with 130° opening. Concealed removable hinges with captive pin. Two removable mounting profiles in the right hand door. Sealing is ensured by an extruded one piece polyurethane gasket.

Lock:

Customised lock with double-bit for easy opening of the door, double-bit 3 mm insert and 90° movement. Espagnolette three point locking. Other inserts are available as an accessory.

Mounting plate:

The mounting plate is marked vertically at 10 mm intervals for easy horizontal positioning of equipment. On the top and bottom there are holes to facilitate cable fixing. Fixed onto M8 press welded studs to the rear of the enclosure. All sides from 800 mm and above are strengthened by folded edges. By using the AMG accessory the mounting plate position can be adjusted to any depth.

Gland Plate Opening:

Situated at the far rear of the enclosure to make cabling onto the mounting plate easier.

Protection:

IP 55 | TYPE 12, 13 | IK 10. For outdoor installation the use of a rain hood ARF and 100% polyester paint coating is recommended. The corrosion resistance must be taken into consideration.

Approvals:

CE, CSA, DNV-GL, GOST, Kema Keur, Lloyds shipping, RS, cULus_listed.

Finish:

RAL 7035 structured powder coating.

Delivery:

Enclosure with doors, and two door mounting profiles on the right door. Gland plate(s) with gasket(s), metallic DIN 3 mm key, and mounting accessories. Earthing facilities.



Dimensional table | MAD

IP 55 | TYPE 12, 13 | IK 10

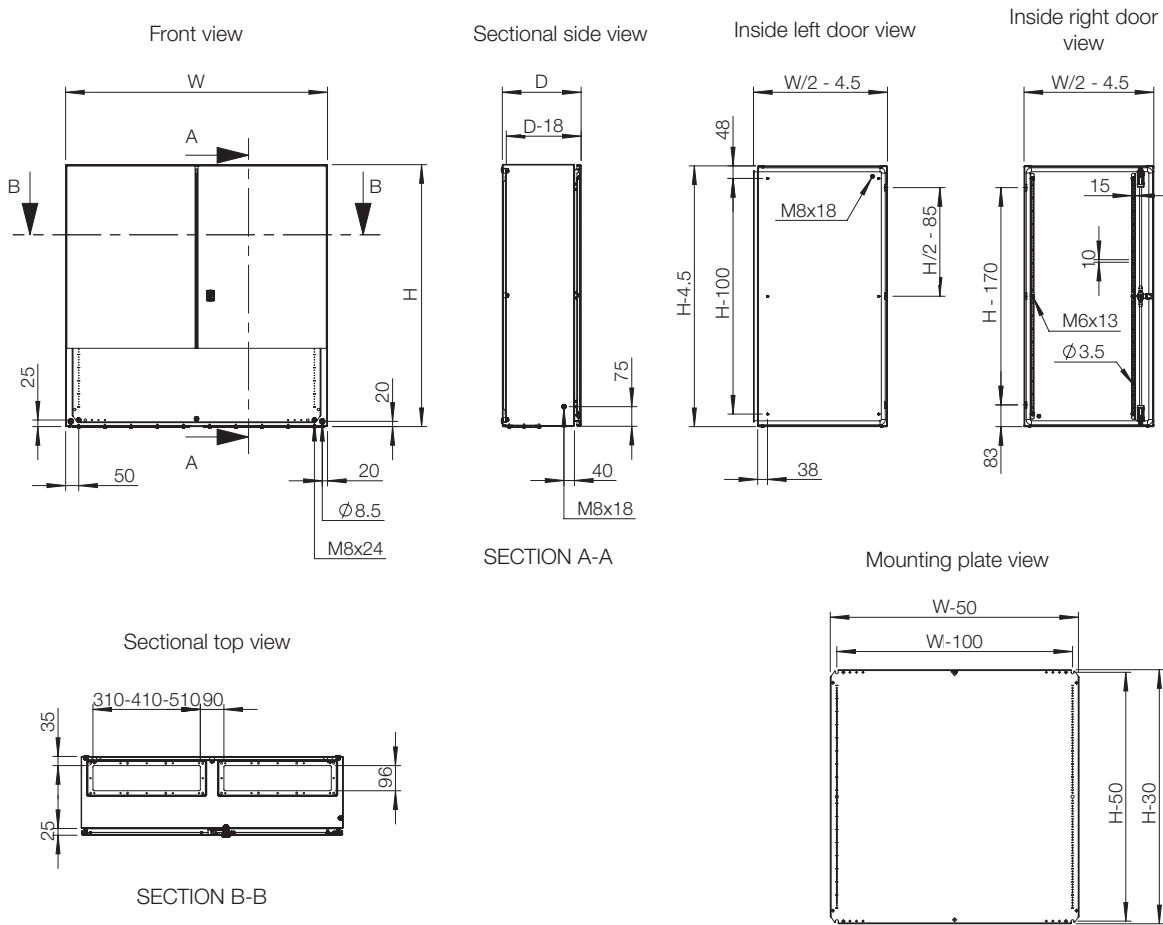
With mounting plate

Enclosure dimensions			Mounting plate dimensions		Usable depth	Gland plate			N° of locks	Item no.
H	W	D	h	w	d	Size	Type	Openings		
600	800	300	570	750	282	310 × 96	2	2	1*	MAD0608030R5
800	1200	300	770	1150	282	510 × 96	4	2	1*	MAD0801230R5
1000	1000	300	970	950	282	410 × 96	3	2	1*	MAD1001030R5
1200	1000	300	1170	950	282	410 × 96	3	2	1*	MAD1201030R5
1200	1200	300	1170	1150	282	510 × 96	4	2	1*	MAD1201230R5
1400	1000	300	1370	950	282	410 × 96	3	2	1*	MAD1401030R5





Without mounting plate


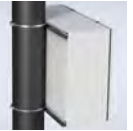




Enclosure dimensions			Gland plate			N° of locks	Item no.
H	W	D	Size	Type	Openings		
600	800	300	310 × 96	2	2	1*	MAD0608030PER5
800	1200	300	510 × 96	4	2	1*	MAD0801230PER5
1000	1000	300	410 × 96	3	2	1*	MAD1001030PER5
1200	1000	300	410 × 96	3	2	1*	MAD1201030PER5
1200	1200	300	510 × 96	4	2	1*	MAD1201230PER5
1400	1000	300	410 × 96	3	2	1*	MAD1401030PER5

* 3 point espagnolette locking.



Accessories selection matrix | MAD

							
Mounting							
Enclosure	H	W	D	Steel mounting plate	Insulated mounting plate	Telequick mounting plate	Depth adjustment kit
MAD0608030R5	600	800	300	AMP06080	AMI06080	AMT06080	AMG300
MAD0801230R5	800	1200	300	AMP08120	-	-	AMG300
MAD1001030R5	1000	1000	300	AMP10100	-	-	AMG300
MAD1201030R5	1200	1000	300	AMP12100	-	-	AMG300
MAD1201230R5	1200	1200	300	AMP12120	-	-	AMG300
MAD1401030R5	1400	1000	300	AMP14100	-	-	AMG300

									
Fixing									
Enclosure	H	W	D	Wall mounting brackets	Pole fixation	Front/rear plinths (100 mm height)	Side plinths (100 mm height)	Front/rear plinths (200 mm height)	Side plinths (200 mm height)
MAD0608030R5	600	800	300	AW41	EPF0800	P1080	PA1030	P2080	PA2030
MAD0801230R5	800	1200	300	AW41	-	P1120	PA1030	P2120	PA2030
MAD1001030R5	1000	1000	300	AW41	-	P1100	PA1030	P2100	PA2030
MAD1201030R5	1200	1000	300	AW41	-	P1100	PA1030	P2100	PA2030
MAD1201230R5	1200	1200	300	AW41	-	P1120	PA1030	P2120	PA2030
MAD1401030R5	1400	1000	300	AW41	-	P1100	PA1030	P2100	PA2030

02

Wall Mounted Enclosures

2

Enclosure	H	W	D	Doors					
				Padlocking	180° hinges	Door stop	Door switch	Door mounting profiles	Door horizontal profiles
MAD0608030R5	600	800	300	PLC01	2x MMH02	ADO202	ADSW01	MMDP060	DHP040
MAD0801230R5	800	1200	300	PLC01	2x MMH02	ADO202	ADSW01	MMDP080	DHP060
MAD1001030R5	1000	1000	300	PLC01	2x MMH03	ADO202	ADSW01	MMDP100	DHP050
MAD1201030R5	1200	1000	300	PLC01	2x MMH03	ADO202	ADSW01	MMDP120	DHP050
MAD1201230R5	1200	1200	300	PLC01	MMH03	ADO202	ADSW01	MMDP120	DHP060
MAD1401030R5	1400	1000	300	PLC01	2x MMH03	ADO202	ADSW01	MMDP140	DHP050

Enclosure	H	W	D	Gland plates					Protection
				Ventilated gland plate	Ventilated gland plate with fly-net	Ventilated gland plate with filter	Adapter gland plate	Gland plate with knock-outs	Rainhood
MAD0608030R5	600	800	300	AFR02R5	AFG02R5	AFV02R5	AFA02R5	AFK21R5/AFK22R5	ARF08030R5
MAD0801230R5	800	1200	300	AFR04R5	AFG04R5	AFV04R5	AFA04R5	AFK41R5/AFK42R5	ARF12030R5
MAD1001030R5	1000	1000	300	AFR03R5	AFG03R5	AFV03R5	AFA03R5	AFK31R5/AFK32R5	ARF10030R5
MAD1201030R5	1200	1000	300	AFR03R5	AFG03R5	AFV03R5	AFA03R5	AFK31R5/AFK32R5	ARF10030R5
MAD1201230R5	1200	1200	300	AFR04R5	AFG04R5	AFV04R5	AFA04R5	AFK41R5/AFK42R5	ARF12030R5
MAD1401030R5	1400	1000	300	AFR03R5	AFG03R5	AFV03R5	AFA03R5	AFK31R5/AFK32R5	ARF10030R5

Wall Mounted Enclosures
Steel Range | Mild Steel
Panel | MAP

IP 66 | TYPE 4, 12, 13 | IK 10



Material:

Body: 1.5 mm mild steel. Gland plate: 1.4 mm mild steel. Door: 1.5 mm mild steel MAP0306030R5 / 2 mm MAP0308030R5 and above. Mounting plate: 2 mm galvanized steel.

Body:

Folded and seam welded. Four 8.5 mm diameter holes for wall fixing pressed out in 20.4 mm diameter x 2 mm depressions to allow air circulation around the rear part of the enclosure.

Front panel:

Surface mounted with 130° opening. Concealed removable hinges with captive pin. Hinges can be mounted to allow top or bottom opening. Mechanical door stop keeps the panel open. One removable mounting profile on the hinge side. Sealing is ensured by an extruded one piece polyurethane gasket.

Lock:

Customised lock with double-bit for easy opening of the panel. Double-bit 3 mm insert and 90° movement. Other inserts are available as an accessory.

Mounting plate:

The mounting plate is marked vertically at 10 mm intervals for easy horizontal positioning of equipment. On the top and bottom there are holes to facilitate cable fixing. Fixed onto M8 press welded studs to the rear of the enclosure. All sides from 800 mm and above are strengthened by folded edges.

Gland Plate Opening:

In top and bottom. Situated at the far rear of the enclosure to make cabling onto the mounting plate easier. Gland plates (AF) and gaskets (AG) are not included. If the MAP panel is to be combined to an MAS or MAD enclosure, then the gland plate from the MAS/MAD enclosure can be used with the MAP panel.

Protection:

Mounted stand alone complies with IP 66 | TYPE 4, 12, 13 | IK 10, as long as you mount the gland plate(s) and gasket(s), supplied as an accessory. Combined with MAS or MAD complies with IP 55 | TYPE 12.

Approvals:

CE, CSA, GOST, Kema Keur, Lloyds shipping, cULus_listed.

Finish:

RAL 7035 structured powder coating.

Delivery:

Enclosure with panel and one panel mounting profile. Plastic double-bit 3 mm key and mounting accessories. Earthing facilities.



Dimensional table | MAP

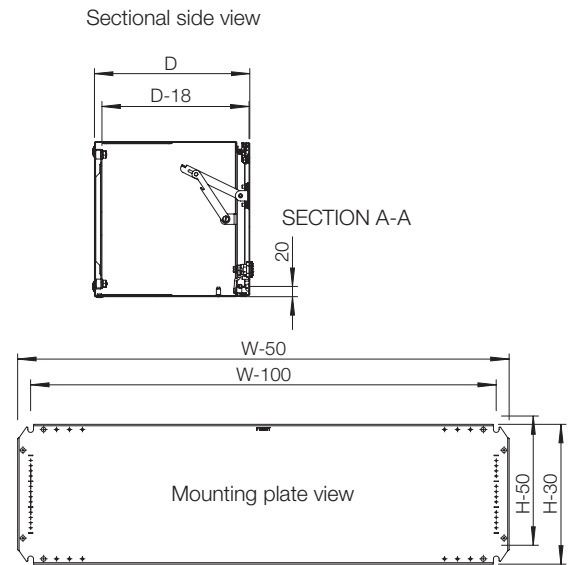
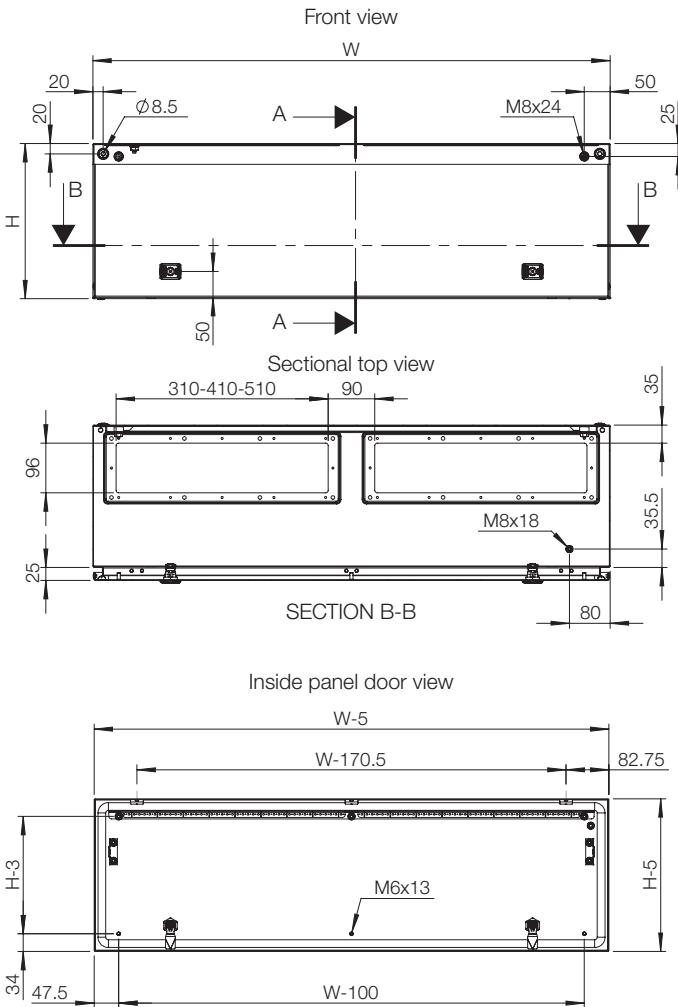
IP 66 | TYPE 4, 12, 13 | IK 10

With mounting plate





Enclosure dimensions			Mounting plate dimensions		Usable depth	Gland plate				Item no.
H	W	D	h	w	d	Size	Type	Openings	N° of locks	
300	600	300	270	550	282	510 × 96	4	1 + 1	2	MAP0306030R5
300	800	300	270	750	282	310 × 96	2	2 + 2	2	MAP0308030R5
300	1000	300	270	950	282	410 × 96	3	2 + 2	2	MAP0310030R5
300	1200	300	270	1150	282	510 × 96	4	2 + 2	2	MAP0312030R5







Without mounting plate







Enclosure dimensions			Gland plate				Item no.
H	W	D	Size	Type	Openings	N° of locks	
300	600	300	510 × 96	4	1 + 1	2	MAP0306030PER5
300	800	300	310 × 96	2	2 + 2	2	MAP0308030PER5
300	1000	300	410 × 96	3	2 + 2	2	MAP0310030PER5
300	1200	300	510 × 96	4	2 + 2	2	MAP0312030PER5



Accessories selection matrix | MAP

							
Enclosure				Mounting	Doors		Protection
	H	W	D	Steel mounting plate	Padlocking	Door switch	Rainhood
MAP0306030R5	300	600	300	AMP03060	PLC01	ADSW01	ARF06030R5
MAP0308030R5	300	800	300	AMP03080	PLC01	ADSW01	ARF08030R5
MAP0310030R5	300	1000	300	AMP03100	PLC01	ADSW01	ARF10030R5
MAP0312030R5	300	1200	300	AMP03120	PLC01	ADSW01	ARF12030R5

									
Enclosure				Fixing					
	H	W	D	Wall mounting brackets	Pole fixation	Front/rear plinths (100 mm height)	Side plinths (100 mm height)	Front/rear plinths (200 mm height)	Side plinths (200 mm height)
MAP0306030R5	300	600	300	AW41	EPF0600	P1060	PA1030	P2060	PA2030
MAP0308030R5	300	800	300	AW41	EPF0800	P1080	PA1030	P2080	PA2030
MAP0310030R5	300	1000	300	AW41	-	P1100	PA1030	P2100	PA2030
MAP0312030R5	300	1200	300	AW41	-	P1120	PA1030	P2120	PA2030

									
Enclosure				Gland plates					
	H	W	D	Standard gland plate	Ventilated gland plate	Ventilated gland plate with fly-net	Ventilated gland plate with filter	Ventilated gland plate	Gland plate with knock-outs
MAP0306030R5	300	600	300	AF04R5	AFR04R5	AFG04R5	AFV04R5	AFA04R5	AFK41R5/AFK42R5
MAP0308030R5	300	800	300	AF02R5	AFR02R5	AFG02R5	AFV02R5	AFA02R5	AFK21R5/AFK22R5
MAP0310030R5	300	1000	300	AF03R5	AFR03R5	AFG03R5	AFV03R5	AFA03R5	AFK31R5/AFK32R5
MAP0312030R5	300	1200	300	AF04R5	AFR04R5	AFG04R5	AFV04R5	AFA04R5	AFK42R5/AFK41R5

02

Wall Mounted Enclosures



2



Wall Mounted | Stainless Steel Range

The enclosures in the wall mounted stainless steel range, with single or double door versions, are available in stainless steel type 304 and 316L and have a 240s pre-grained finish (average 0.5 microns). The range has different properties to comply with different conditions in different environments and are ideal for both indoor and outdoor installations.

Enclosures in stainless steel type 304 are robust in construction and offer excellent oxidation and corrosion resistance properties. Enclosures of this type are often used in environments such as food processing plants, breweries, and oil refineries. Type 316L enclosures are ideal for installations in coastal areas, marine applications subject to saltwater spray, industrial equipment exposed to corrosive process chemicals, and any area subject to high exposure to chloride.

The design is characterized by a sturdy cruciform body, folded from a cold pressed sheet steel plate. The enclosure's edge is folded in the shape of a channel to avoid water stagnating on the seal.

This enclosure range has been designed to comply with the relevant standard for empty enclosures, IEC 62208, and is regularly audited by the independent laboratory DEKRA which allows Eldon to put the KEMA-KEUR mark in the enclosures.

Maximum protection for the user and the equipment is achieved thanks to the high protection degrees IP 55 and 66 according to IEC 60529, and IK 10 according to IEC 62262.

Enclosures with single doors or panels are closed by one, two or three point locking systems, and double doors by means of a three points espagnolette system. The doors also have a seamless silicon gasket. A wide range of accessories are available to allow for any configuration. And, since all enclosure versions are designed around the same platform, the same accessories may be used on all versions, which makes engineering easier and allows for stock reduction with panel builders and distributors. The assembly of the enclosures and accessories is easily done and will help you to reduce assembly time and remain competitive.

The door opens within the outer dimensions of the enclosure body, allowing enclosures to be mounted side by side without the doors interfering. The silicon gasket is especially suitable for applications in the food and pharmaceutical industries where the enclosures are cleaned at high temperatures with chemical agents.

The enclosures can be secured to the wall using bolts, which are fixed directly through the rear wall of the enclosure, the bolts are protected inside with plastic washers, or wall mounting brackets, which are screwed at the rear of the enclosure. In both cases the IP ratings are guaranteed.

All enclosures in the range have UL certification for the USA, CSA for Canada, GOST and EAC for Russia and others, which makes export easier, especially for machine builders.

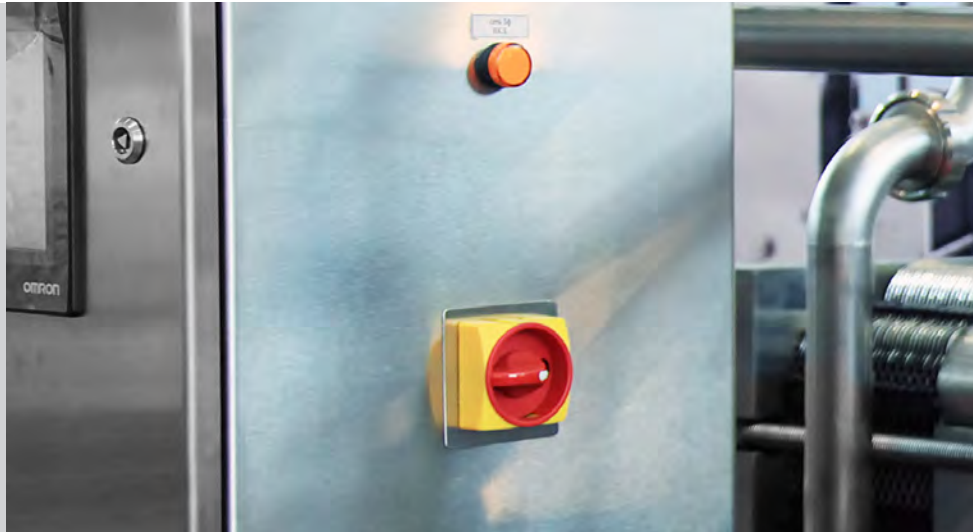
Wall Mounted Enclosures

Steel Range

Stainless Steel

Typical Application | Stainless Steel

- Food and beverage
- Oil and gas
- Pharmaceutical plants
- Chemical industries
- Marine environments
- Water treatment plants



Stainless steel enclosures combine the highest mechanical properties together with an excellent overall corrosion resistance. This makes stainless steel the preferred material choice for outdoor applications and harsh environments.

Enclosures are available in stainless steel types 304 and 316L. Stainless steel 316L is especially suitable for marine environments and within industries like pulp & paper.



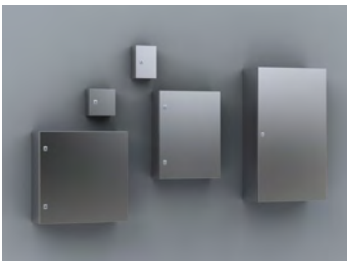
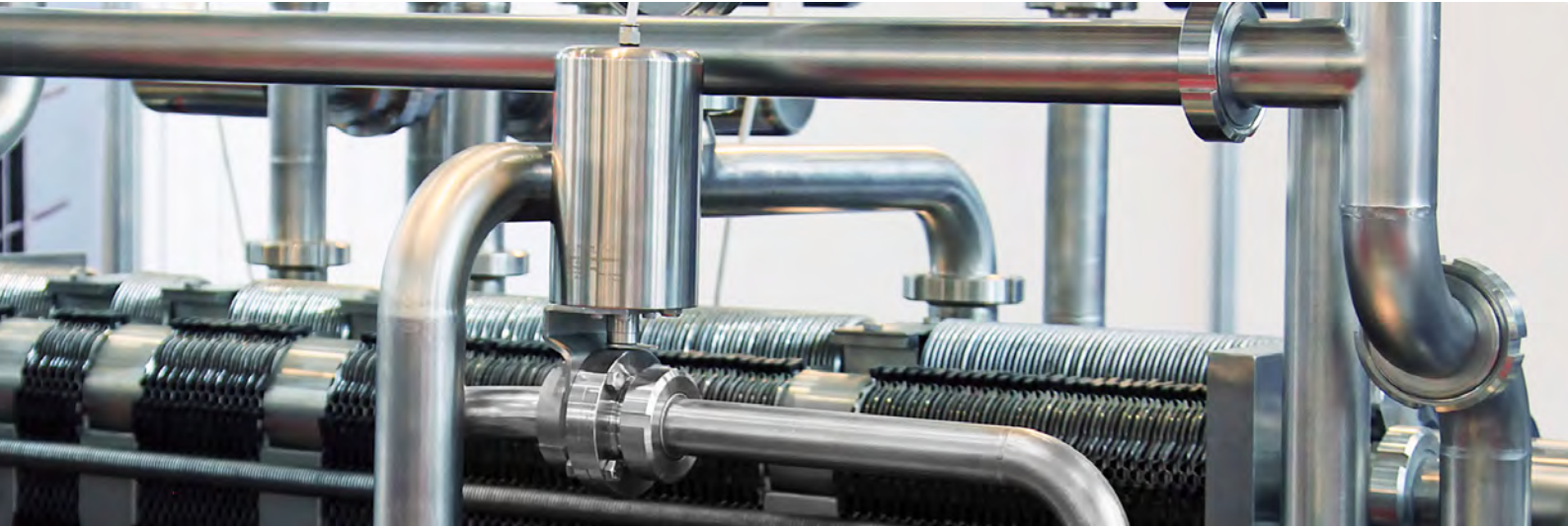
Deaerating flowmeter

A deaerating flowmeter removes air from low viscosity beverage products like wine, fruit juices, milk or water and measures its flow, avoiding incorrect reading results. Therefore requirements for cleanliness are extreme, resulting in the use of stainless steel enclosures being mandatory. Repetitive orders coming from this machine builder helps Eldon deliver this ASR enclosure as a customized solution, that includes cutouts on the door to place control buttons, cutouts on the sides and top of the enclosure for cables, warning lights and other instruments. A lock available as an accessory was also chosen for this application.



Electricity transmission

After electricity is generated, it needs to be transmitted and distributed through high voltage transmission lines. Enclosures for such a purpose are required to have maximum protection against corrosion and weather elements like rain or UV radiation, as well as a high IP rating. ADR enclosures with a specific size were needed in this case due to the properties of the stainless steel and because of the dimensions needed to house all the necessary equipment inside. Cutouts for cable glands and to fit other material on the enclosure surface were also required.



Wide availability of standard sizes

Eldon offers a wide availability of standard sizes in all its stainless steel enclosures. This allows Eldon to offer stainless steel enclosures that can suit most applications from stock, leading to reduced delivery times and better conditions.



Designed to comply with high cleanliness

Eldon's stainless steel enclosures have been designed to be easily cleaned by having no gland plates or rear holes for wall mounting fixation providing a perfectly smooth finish, which also helps to avoid the accumulation of dirt.



Earthing facilities

Earthing connections are done by means of earthing studs placed on the enclosure body and door. These studs are M8 size in all Eldon enclosures to make earthing operations easier and include a circular base that ensures the earthing cable is fitted properly in order to avoid faulty protective circuits.



Enclosure design based around the same platform

Mild steel and stainless steel wall mounted enclosures are based on the same platform design, which means that only one range of accessories is required for both. This reduces the need for stock and less experience is required for mounting.

Wall Mounted Enclosures
Steel Range | Stainless Steel
Single door | ASR

IP 66 | TYPE 4X, 12, 13 | IK 10



Material:

AISI 304 / AISI 316L pre-grained stainless steel. Body: 1.5 mm. Door: 1.5 mm / 2 mm for enclosures with a height or width of 600 mm or greater. Mounting plate: 2 mm galvanized steel.

Body:

Folded and seam welded.

Door:

Corner formed in one piece. Surface mounted with 130° opening. Concealed AISI 304 stainless steel hinges with captive pin. Can be mounted to give left or right hand opening. For AISI 316L, sealing is ensured by an injected one piece silicone gasket. Located on the inside of the door, are four welded studs for the mounting of equipment profiles.

Lock:

Eldon customized zamak double-bit 3 mm lock with 90° movement and anti-vibration mechanism. 1000 mm high enclosures and above have espagnolette three point locking. Stainless steel lock and other versions are available as accessories.

Mounting plate:

The mounting plate is marked vertically at 10 mm intervals for easy horizontal positioning of equipment. On the top and bottom there are holes to facilitate cable fixing. Fixed onto M8 press welded studs to the rear of the enclosure. All sides from 800 mm and above are strengthened by folded edges. By using the AMG accessory the mounting plate position can be adjusted to any depth.

Cable access:

No gland plate openings as standard to maximise sealing and clean lines.

Protection:

Corresponds with IP 66 | TYPE 4X, 12, 13 | IK 10.

Finish:

240s pre grained stainless steel (average 0.5 micron).

Approvals:

CE, CSA, DNV-GL, GOST, Kema Keur, Lloyds shipping, RS, cULus_listed.

Delivery:

Enclosure with door, mounting plate, metallic key and mounting accessories.

Additional information or notes:

For outdoor environments exposed to precipitation the use of a rain hood is advised, also in environments known for quick temperature changes, consideration to condensation should be taken. Please see Eldon's thermal management section.



Dimensional table | ASR

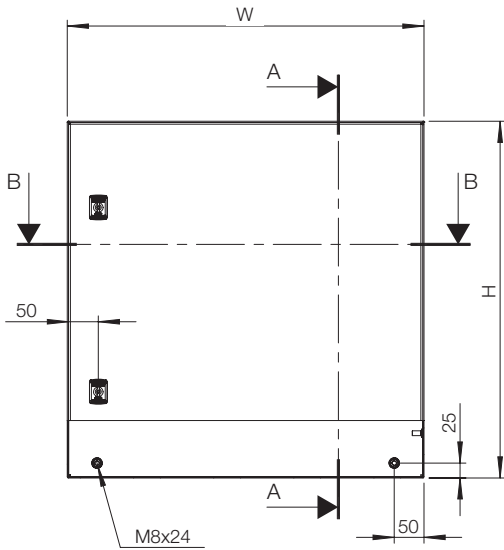
IP 66 | TYPE 4X, 12, 13 | IK 10

With mounting plate

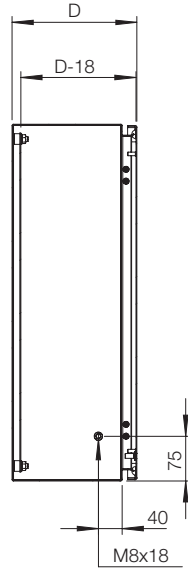
Enclosure dimensions			Mounting plate dimensions		Usable depth	N° of locks	Item no.
H	W	D	h	w	d		
180	240	150	150	190	132	1	ASR0182415
180	240	150	150	190	132	1	ASR0182415-316
240	240	150	210	190	132	1	ASR0242415
240	240	150	210	190	132	1	ASR0242415-316
240	360	150	210	310	132	1	ASR0243615
240	360	150	210	310	132	1	ASR0243615-316
300	200	150	270	150	132	1	ASR0302015
300	200	150	270	150	132	1	ASR0302015-316
360	240	150	330	190	132	1	ASR0362415
360	240	150	330	190	132	1	ASR0362415-316
400	300	150	370	250	132	1	ASR0403015
400	300	150	370	250	132	1	ASR0403015-316
400	300	210	370	250	192	1	ASR0403021
400	300	210	370	250	192	1	ASR0403021-316
400	400	210	370	350	192	1	ASR0404021
400	400	210	370	350	192	1	ASR0404021-316
400	600	210	370	550	192	1	ASR0406021
400	600	210	370	550	192	1	ASR0406021-316
500	400	210	470	350	192	1	ASR0504021
500	400	210	470	350	192	1	ASR0504021-316
500	500	210	470	450	192	1	ASR0505021
500	500	210	470	450	192	1	ASR0505021-316
600	400	210	570	350	192	2	ASR0604021
600	400	210	570	350	192	2	ASR0604021-316
600	600	210	570	550	192	2	ASR0606021
600	600	210	570	550	192	2	ASR0606021-316
600	600	300	570	550	282	2	ASR0606030
600	600	300	570	550	282	2	ASR0606030-316
600	800	300	570	750	282	2	ASR0608030
600	800	300	570	750	282	2	ASR0608030-316
800	600	210	770	550	192	2	ASR0806021
800	600	210	770	550	192	2	ASR0806021-316
800	600	300	770	550	282	2	ASR0806030
800	600	300	770	550	282	2	ASR0806030-316
800	800	300	770	750	282	2	ASR0808030
800	800	300	770	750	282	2	ASR0808030-316
1000	800	300	970	750	282	1*	ASR1008030
1000	800	300	970	750	282	1*	ASR1008030-316
1200	800	300	1170	750	282	1*	ASR1208030
1200	800	300	1170	750	282	1*	ASR1208030-316
1200	800	400	1170	750	382	1*	ASR1208040
1200	800	400	1170	750	382	1*	ASR1208040-316
1400	800	400	1370	750	382	1*	ASR1408040
1400	800	400	1370	750	382	1*	ASR1408040-316

* 3 point espagnolette locking.

Front view

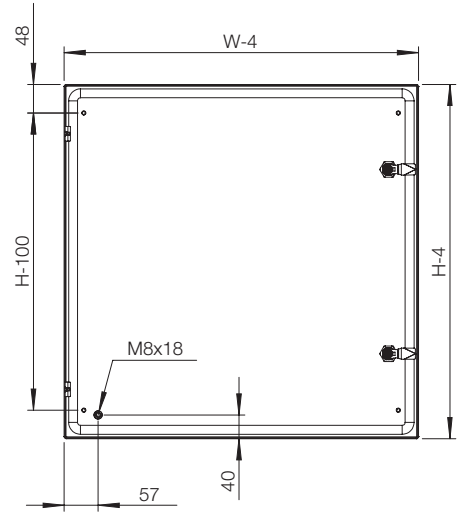


Sectional side view

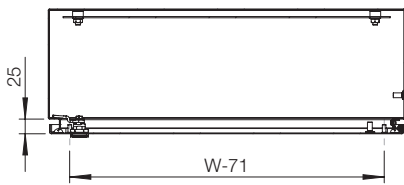


SECTION A-A

Inside door view

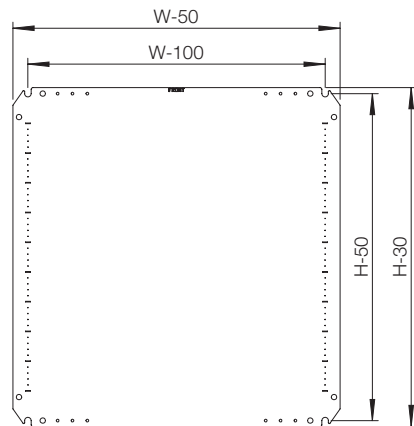


Sectional top view



SECTION B-B

Mounting plate view



Accessories selection matrix | ASR

Enclosure	H	W	D	Mounting				
				Steel mounting plate	Insulated mounting plate	Telequick mounting plate	Depth dividing bar	Modular chassis
ASR0182415	180	240	150	-	-	-	-	-
ASR0182415-316	180	240	150	-	-	-	-	-
ASR0242415	240	240	150	-	-	-	-	-
ASR0242415-316	240	240	150	-	-	-	-	-
ASR0243615	240	360	150	-	-	-	-	-
ASR0243615-316	240	360	150	-	-	-	-	-
ASR0302015	300	200	150	-	-	-	-	-
ASR0302015-316	300	200	150	-	-	-	-	-
ASR0362415	360	240	150	-	-	-	-	-
ASR0362415-316	360	240	150	-	-	-	-	-
ASR0403015	400	300	150	AMP04030	AMI04030	AMT04030	-	AC04030R5
ASR0403015-316	400	300	150	AMP04030	AMI04030	AMT04030	-	AC04030R5
ASR0403021	400	300	210	AMP04030	AMI04030	AMT04030	AMG210	AC04030R5
ASR0403021-316	400	300	210	AMP04030	AMI04030	AMT04030	AMG210	AC04030R5
ASR0404021	400	400	210	AMP04040	AMI04040	AMT04040	AMG210	-
ASR0404021-316	400	400	210	AMP04040	AMI04040	AMT04040	AMG210	-
ASR0406021	400	600	210	AMP04060	AMI04060	AMT04060	AMG210	-
ASR0406021-316	400	600	210	AMP04060	AMI04060	AMT04060	AMG210	-
ASR0504021	500	400	210	AMP05040	AMI05040	AMT05040	AMG210	AC05040R5
ASR0504021-316	500	400	210	AMP05040	AMI05040	AMT05040	AMG210	AC05040R5
ASR0505021	500	500	210	AMP05050	AMI05050	AMT05050	AMG210	-
ASR0505021-316	500	500	210	AMP05050	AMI05050	AMT05050	AMG210	-
ASR0604021	600	400	210	AMP06040	AMI06040	AMT06040	AMG210	AC06040R5
ASR0604021-316	600	400	210	AMP06040	AMI06040	AMT06040	AMG210	AC06040R5
ASR0606021	600	600	210	AMP06060	AMI06060	AMT06060	AMG210	AC06060R5
ASR0606021-316	600	600	210	AMP06060	AMI06060	AMT06060	AMG210	AC06060R5
ASR0606030	600	600	300	AMP06060	AMI06060	AMT06060	AMG300	AC06060R5
ASR0606030-316	600	600	300	AMP06060	AMI06060	AMT06060	AMG300	AC06060R5
ASR0608030	600	800	300	AMP06080	AMI06080	AMT06080	AMG300	-
ASR0608030-316	600	800	300	AMP06080	AMI06080	AMT06080	AMG300	-
ASR0806021	800	600	210	AMP08060	AMI08060	AMT08060	AMG210	AC08060R5
ASR0806021-316	800	600	210	AMP08060	AMI08060	AMT08060	AMG210	AC08060R5
ASR0806030	800	600	300	AMP08060	AMI08060	AMT08060	AMG300	AC08060R5
ASR0806030-316	800	600	300	AMP08060	AMI08060	AMT08060	AMG300	AC08060R5
ASR0808030	800	800	300	AMP08080	AMI08080	AMT08080	AMG300	-
ASR0808030-316	800	800	300	AMP08080	AMI08080	AMT08080	AMG300	-
ASR1008030	1000	800	300	AMP10080	AMI10080	AMT10080	AMG300	AC10080R5
ASR1008030-316	1000	800	300	AMP10080	AMI10080	AMT10080	AMG300	AC10080R5
ASR1208030	1200	800	300	AMP12080	AMI12080	AMT12080	AMG300	-
ASR1208030-316	1200	800	300	AMP12080	AMI12080	AMT12080	AMG300	-
ASR1208040	1200	800	400	AMP12080	AMI12080	AMT12080	AMG400	-
ASR1208040-316	1200	800	400	AMP12080	AMI12080	AMT12080	AMG400	-
ASR1408040	1400	800	400	-	-	-	AMG400	-
ASR1408040-316	1400	800	400	-	-	-	AMG400	-



Enclosure				Fixing			Protection
	H	W	D	Wall mounting brackets	Pole fixation	Plinth	Rainhood
ASR0182415	180	240	150	AWS41-304	-	-	-
ASR0182415-316	180	240	150	AWS41-316	-	-	-
ASR0242415	240	240	150	AWS41-304	-	-	-
ASR0242415-316	240	240	150	AWS41-316	-	-	-
ASR0243615	240	360	150	AWS41-304	-	-	-
ASR0243615-316	240	360	150	AWS41-316	-	-	-
ASR0302015	300	200	150	AWS41-304	-	-	-
ASR0302015-316	300	200	150	AWS41-316	-	-	-
ASR0362415	360	240	150	AWS41-304	-	-	-
ASR0362415-316	360	240	150	AWS41-316	-	-	-
ASR0403015	400	300	150	AWS41-304	EPF0300	-	-
ASR0403015-316	400	300	150	AWS41-316	EPF0300	-	-
ASR0403021	400	300	210	AWS41-304	EPF0300	-	-
ASR0403021-316	400	300	210	AWS41-316	EPF0300	-	-
ASR0404021	400	400	210	AWS41-304	EPF0400	-	ASST042
ASR0404021-316	400	400	210	AWS41-316	EPF0400	-	ASST042-316
ASR0406021	400	600	210	AWS41-304	EPF0600	-	ASST062
ASR0406021-316	400	600	210	AWS41-316	EPF0600	-	ASST062-316
ASR0504021	500	400	210	AWS41-304	EPF0400	-	ASST042
ASR0504021-316	500	400	210	AWS41-316	EPF0400	-	ASST042-316
ASR0505021	500	500	210	AWS41-304	EPF0500	-	-
ASR0505021-316	500	500	210	AWS41-316	EPF0500	-	-
ASR0604021	600	400	210	AWS41-304	EPF0400	-	ASST042
ASR0604021-316	600	400	210	AWS41-316	EPF0400	-	ASST042-316
ASR0606021	600	600	210	AWS41-304	EPF0600	-	ASST062
ASR0606021-316	600	600	210	AWS41-316	EPF0600	-	ASST062-316
ASR0606030	600	600	300	AWS41-304	EPF0600	MSVS1063	ASST063
ASR0606030-316	600	600	300	AWS41-316	EPF0600	MSVS1063-316	ASST063-316
ASR0608030	600	800	300	AWS41-304	EPF0800	MSVS1083	ASST083
ASR0608030-316	600	800	300	AWS41-316	EPF0800	MSVS1083-316	ASST083-316
ASR0806021	800	600	210	AWS41-304	EPF0600	-	ASST062
ASR0806021-316	800	600	210	AWS41-316	EPF0600	-	ASST062-316
ASR0806030	800	600	300	AWS41-304	EPF0600	MSVS1063	ASST063
ASR0806030-316	800	600	300	AWS41-316	EPF0600	MSVS1063-316	ASST063-316
ASR0808030	800	800	300	AWS41-304	EPF0800	MSVS1083	ASST083
ASR0808030-316	800	800	300	AWS41-316	EPF0800	MSVS1083-316	ASST083-316
ASR1008030	1000	800	300	AWS41-304	EPF0800	MSVS1083	ASST083
ASR1008030-316	1000	800	300	AWS41-316	EPF0800	MSVS1083-316	ASST083-316
ASR1208030	1200	800	300	AWS41-304	EPF0800	MSVS1083	ASST083
ASR1208030-316	1200	800	300	AWS41-316	EPF0800	MSVS1083-316	ASST083-316
ASR1208040	1200	800	400	AWS41-304	EPF0800	MSVS1084	ASST084
ASR1208040-316	1200	800	400	AWS41-316	EPF0800	MSVS1084-316	ASST084-316
ASR1408040	1400	800	400	AWS41-304	EPF0800	MSVS1084	ASST084
ASR1408040-316	1400	800	400	AWS41-316	EPF0800	MSVS1084-316	ASST084-316

Accessories selection matrix | ASR

Enclosure	H	W	D	Doors				
				180° hinges	Door stop	Door switch	Door mounting profiles	Door horizontal profiles
ASR0182415	180	240	150	MMHS02	-	ADSW01	-	-
ASR0182415-316	180	240	150	MMHS02	-	ADSW01	-	-
ASR0242415	240	240	150	MMHS02	-	ADSW01	-	-
ASR0242415-316	240	240	150	MMHS02	-	ADSW01	-	-
ASR0243615	240	360	150	MMHS02	ADO202S	ADSW01	-	-
ASR0243615-316	240	360	150	MMHS02	ADO202S	ADSW01	-	-
ASR0302015	300	200	150	MMHS02	-	ADSW01	MMDP030	-
ASR0302015-316	300	200	150	MMHS02	-	ADSW01	MMDP030	-
ASR0362415	360	240	150	MMHS02	-	ADSW01	-	-
ASR0362415-316	360	240	150	MMHS02	-	ADSW01	-	-
ASR0403015	400	300	150	MMHS02	ADO202S	ADSW01	MMDP040	DHP030
ASR0403015-316	400	300	150	MMHS02	ADO202S	ADSW01	MMDP040	DHP030
ASR0403021	400	300	210	MMHS02	ADO202S	ADSW01	MMDP040	DHP030
ASR0403021-316	400	300	210	MMHS02	ADO202S	ADSW01	MMDP040	DHP030
ASR0404021	400	400	210	MMHS02	ADO202S	ADSW01	MMDP040	DHP040
ASR0404021-316	400	400	210	MMHS02	ADO202S	ADSW01	MMDP040	DHP040
ASR0406021	400	600	210	MMHS02	ADO202S	ADSW01	MMDP040	DHP060
ASR0406021-316	400	600	210	MMHS02	ADO202S	ADSW01	MMDP040	DHP060
ASR0504021	500	400	210	MMHS02	ADO202S	ADSW01	MMDP050	DHP040
ASR0504021-316	500	400	210	MMHS02	ADO202S	ADSW01	MMDP050	DHP040
ASR0505021	500	500	210	MMHS02	ADO202S	ADSW01	MMDP050	DHP050
ASR0505021-316	500	500	210	MMHS02	ADO202S	ADSW01	MMDP050	DHP050
ASR0604021	600	400	210	MMHS02	ADO202S	ADSW01	MMDP060	DHP040
ASR0604021-316	600	400	210	MMHS02	ADO202S	ADSW01	MMDP060	DHP040
ASR0606021	600	600	210	MMHS02	ADO202S	ADSW01	MMDP060	DHP060
ASR0606021-316	600	600	210	MMHS02	ADO202S	ADSW01	MMDP060	DHP060
ASR0606030	600	600	300	MMHS02	ADO202S	ADSW01	MMDP060	DHP060
ASR0606030-316	600	600	300	MMHS02	ADO202S	ADSW01	MMDP060	DHP060
ASR0608030	600	800	300	MMHS02	ADO202S	ADSW01	MMDP060	DHP080
ASR0608030-316	600	800	300	MMHS02	ADO202S	ADSW01	MMDP060	DHP080
ASR0806021	800	600	210	MMHS02	ADO202S	ADSW01	MMDP080	DHP060
ASR0806021-316	800	600	210	MMHS02	ADO202S	ADSW01	MMDP080	DHP060
ASR0806030	800	600	300	MMHS02	ADO202S	ADSW01	MMDP080	DHP060
ASR0806030-316	800	600	300	MMHS02	ADO202S	ADSW01	MMDP080	DHP060
ASR0808030	800	800	300	MMHS02	ADO202S	ADSW01	MMDP080	DHP080
ASR0808030-316	800	800	300	MMHS02	ADO202S	ADSW01	MMDP080	DHP080
ASR1008030	1000	800	300	MMHS03	ADO202S	ADSW01	MMDP100	DHP080
ASR1008030-316	1000	800	300	MMHS03	ADO202S	ADSW01	MMDP100	DHP080
ASR1208030	1200	800	300	MMHS03	ADO202S	ADSW01	MMDP120	DHP080
ASR1208030-316	1200	800	300	MMHS03	ADO202S	ADSW01	MMDP120	DHP080
ASR1208040	1200	800	400	MMHS03	ADO202S	ADSW01	MMDP120	DHP080
ASR1208040-316	1200	800	400	MMHS03	ADO202S	ADSW01	MMDP120	DHP080
ASR1408040	1400	800	400	MMHS03	ADO202S	ADSW01	MMDP140	DHP080
ASR1408040-316	1400	800	400	MMHS03	ADO202S	ADSW01	MMDP140	DHP080



Enclosure	Doors						
	H	W	D	Inner door	Glazed door	Glazed aluminium door	Padlocking
ASR0182415	180	240	150	-	-	-	PLC01
ASR0182415-316	180	240	150	-	-	-	PLC01
ASR0242415	240	240	150	-	-	-	PLC01
ASR0242415-316	240	240	150	-	-	-	PLC01
ASR0243615	240	360	150	-	-	-	PLC01
ASR0243615-316	240	360	150	-	-	-	PLC01
ASR0302015	300	200	150	-	-	-	PLC01
ASR0302015-316	300	200	150	-	-	-	PLC01
ASR0362415	360	240	150	-	ADCS03624	-	PLC01
ASR0362415-316	360	240	150	-	-	-	PLC01
ASR0403015	400	300	150	ADIS04030	ADCS04030	ADA04030	PLC01
ASR0403015-316	400	300	150	ADIS04030	-	ADA04030	PLC01
ASR0403021	400	300	210	ADIS04030	ADCS04030	ADA04030	PLC01
ASR0403021-316	400	300	210	ADIS04030	-	ADA04030	PLC01
ASR0404021	400	400	210	-	ADCS04040	ADA04040	PLC01
ASR0404021-316	400	400	210	-	-	ADA04040	PLC01
ASR0406021	400	600	210	-	ADCS04060	ADA04060	PLC01
ASR0406021-316	400	600	210	-	-	ADA04060	PLC01
ASR0504021	500	400	210	ADIS05040	ADCS05040	ADA05040	PLC01
ASR0504021-316	500	400	210	ADIS05040	-	ADA05040	PLC01
ASR0505021	500	500	210	ADIS05050	ADCS05050	-	PLC01
ASR0505021-316	500	500	210	ADIS05050	-	-	PLC01
ASR0604021	600	400	210	ADIS06040	ADCS06040	ADAB06040	PLC01
ASR0604021-316	600	400	210	ADIS06040	-	ADAB06040	PLC01
ASR0606021	600	600	210	ADIS06060	ADCS06060	ADAB06060	PLC01
ASR0606021-316	600	600	210	ADIS06060	-	ADAB06060	PLC01
ASR0606030	600	600	300	ADIS06060	ADCS06060	ADAB06060	PLC01
ASR0606030-316	600	600	300	ADIS06060	-	ADAB06060	PLC01
ASR0608030	600	800	300	-	ADCS06080	ADAB06080	PLC01
ASR0608030-316	600	800	300	-	-	ADAB06080	PLC01
ASR0806021	800	600	210	ADIS08060	ADCS08060	ADAB08060	PLC01
ASR0806021-316	800	600	210	ADIS08060	-	ADAB08060	PLC01
ASR0806030	800	600	300	ADIS08060	ADCS08060	ADAB08060	PLC01
ASR0806030-316	800	600	300	ADIS08060	-	ADAB08060	PLC01
ASR0808030	800	800	300	-	ADCS08080	-	PLC01
ASR0808030-316	800	800	300	-	-	-	PLC01
ASR1008030	1000	800	300	ADIS10080	ADCS10080	ADAB10080	PLC01
ASR1008030-316	1000	800	300	ADIS10080	-	ADAB10080	PLC01
ASR1208030	1200	800	300	ADIS12080	ADCS12080	ADAB12080	PLC01
ASR1208030-316	1200	800	300	ADIS12080	-	ADAB12080	PLC01
ASR1208040	1200	800	400	ADIS12080	ADCS12080	ADAB12080	PLC01
ASR1208040-316	1200	800	400	ADIS12080	-	ADAB12080	PLC01
ASR1408040	1400	800	400	-	ADCS14080	-	PLC01
ASR1408040-316	1400	800	400	-	-	-	PLC01

Wall Mounted Enclosures
Steel Range | Stainless Steel
Double door | ADR

IP 55 | TYPE 12, 13 | IK 10



Material:

AISI 304 / AISI 316L pre-grained stainless steel. Body: 1.5 mm. Door: 2 mm.
Mounting plate: 2.5 mm galvanized steel.

Body:

Folded and seam welded.

Door:

Corner formed in one piece. Surface mounted with 130° opening. Concealed AISI 304 stainless steel hinges with captive pin. Located on the inside of the door, are four welded studs for the mounting of equipment profiles. For AISI 316L, sealing is ensured by an injected one piece silicone gasket.

Lock:

Eldon customized zamak double-bit 3 mm lock with 90° movement and anti-vibration mechanism. Espagnolette three points locking. Stainless steel lock and other versions are available as accessories.

Mounting plate:

The mounting plate is marked vertically at 10 mm intervals for easy horizontal positioning of equipment. On the top and bottom there are holes to facilitate cable fixing. Fixed onto M8 press welded studs to the rear of the enclosure. All sides from 800 mm and above are strengthened by folded edges. By using the AMG accessory the mounting plate position can be adjusted to any depth.

Finish:

240s pre grained stainless steel (average 0.5 micron).

Protection:

Corresponds with IP 55 | TYPE 12, 13 | IK 10.

Approvals:

CE, CSA, DNV-GL, GOST, Kema Keur, Lloyds shipping, RS, cULus_listed.

Delivery:

Enclosure with door, mounting plate, metallic key and mounting accessories.

Additional information:

For outdoor environments exposed to precipitation the use of a rain hood is advised, also in environments known for quick temperature changes, consideration to condensation should be taken. Please see Eldon's thermal management section.



Dimensional table | ADR

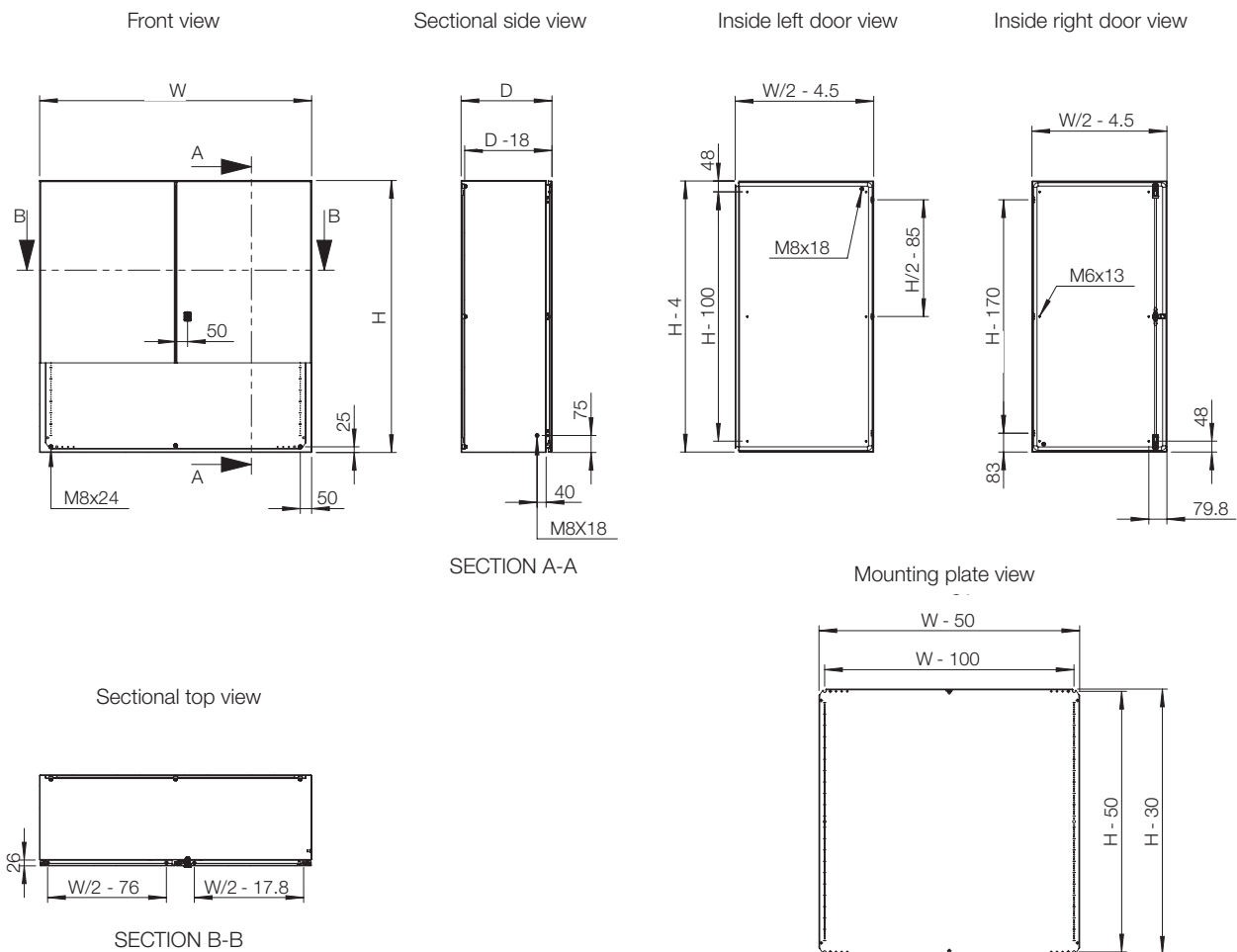
IP 55 | TYPE 12, 13 | IK 10

With mounting plate

Enclosure dimensions			Mounting plate dimensions		Usable depth	N° of locks	Item no.
H	W	D	h	w	d		
1000	1000	300	970	950	282	1*	ADR1001030
1000	1000	300	970	950	282	1*	ADR1001030-316
1000	1200	300	970	1150	282	1*	ADR1001230
1000	1200	300	970	1150	282	1*	ADR1001230-316
1200	1200	400	1170	1150	382	1*	ADR1201240
1200	1200	400	1170	1150	382	1*	ADR1201240-316

* 3 point espagnolette locking.

Dimensional drawing | ADR



Enclosure	H	W	D	Mounting				Protection
				Steel mounting plate	Depth adjustment kit	Wall mounting brackets	Plinth	Rainhood
ADR1001030	1000	1000	300	AMP10100	AMG300	AWS41-304	MSVS1103	ASST103
ADR1001030-316	1000	1000	300	AMP10100	AMG300	AWS41-316	MSVS1103-316	ASST103-316
ADR1001230	1000	1200	300	AMP10120	AMG300	AWS41-304	MSVS1123	ASST123
ADR1001230-316	1000	1200	300	AMP10120	AMG300	AWS41-316	MSVS1103-316	ASST123-316
ADR1201240	1200	1200	400	AMP12120	AMG400	AWS41-304	MSVS1124	ASST124
ADR1201240-316	1200	1200	400	AMP12120	AMG400	AWS41-316	MSVS1124-316	ASST124-316

Enclosure	H	W	D	Doors					
				Padlocking	180° hinges	Door stop	Door switch	Door mounting profiles	Door horizontal profiles
ADR1001030	1000	1000	300	PLC01	2x MMHS03	ADO202S	ADSW01	MMDP100	DHP050
ADR1001030-316	1000	1000	300	PLC01	2x MMHS03	ADO202S	ADSW01	MMDP100	DHP050
ADR1001230	1000	1200	300	PLC01	2x MMHS03	ADO202S	ADSW01	MMDP100	DHP060
ADR1001230-316	1000	1200	300	PLC01	2x MMHS03	ADO202S	ADSW01	MMDP100	DHP060
ADR1201240	1200	1200	400	PLC01	2x MMHS03	ADO202S	ADSW01	MMDP120	DHP060
ADR1201240-316	1200	1200	400	PLC01	2x MMHS03	ADO202S	ADSW01	MMDP120	DHP060

Wall Mounted Enclosures
Steel Range | Stainless Steel
Single door | AFS

IP 66 | TYPE 4X, 12, 13 | IK 10



Material:

AISI 304 / AISI 316L pre-grained stainless steel. Body: 1.5 mm. Door: 1.5 mm / 2 mm for enclosures with a height of 1000 mm or greater. Mounting plate: 2 mm galvanized steel.

Body:

The top of the body is equipped with a sloping roof at an angle of between 8 and 20 degrees sloping towards the front, giving a 10 mm overhang to remove any liquids away from the door. Folded and seam welded.

Door:

Corner formed in one piece. Surface mounted with 130° opening. Concealed AISI 304 stainless steel hinges with captive pin. Can be mounted to give left or right hand opening (Machining is required). Sealing is ensured by an injected one piece silicone gasket.

Lock:

Zamak double-bit 3 mm lock with 90° movement. Stainless steel lock and other locks available on request.

Mounting plate:

The mounting plate is marked vertically at 10 mm intervals for easy horizontal positioning of equipment. On the top and bottom there are holes to facilitate cable fixing. Fixed onto M8 press welded studs to the rear of the enclosure. All sides from 800 mm and above are strengthened by folded edges.

Cable access:

No gland openings as standard.

Protection:

Corresponds with IP 66 | TYPE 4X, 12, 13 | IK 10.

Approvals:

CE, DNV-GL, GOST, Kema Keur, RS, cULus_listed.

Finish:

240s pre grained stainless steel (average 0.5 micron).

Delivery:

Enclosure with door, mounting plate, metallic key and mounting accessories.

Additional information:

In environments known for quick temperature changes, consideration to condensation should be taken. Please see Eldon's thermal management section.

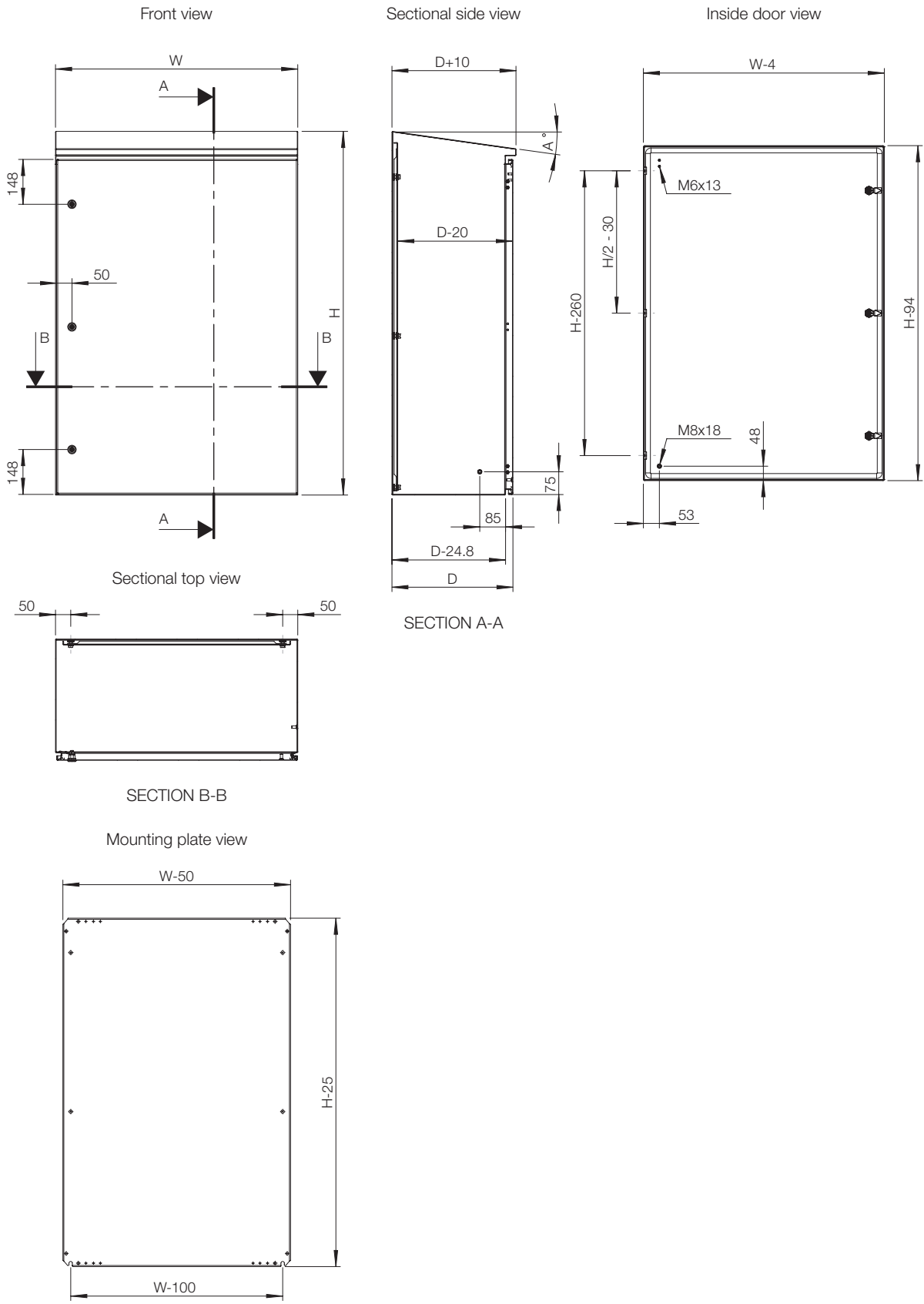


Dimensional table | AFS

IP 66 | TYPE 4X, 12, 13 | IK 10

With mounting plate

Enclosure dimensions			Mounting plate dimensions		Usable depth	Degree of slope	N° of locks	Item no.
H	W	D	h	w	d			
300	200	155	275	150	135	20°	1	AFS03021
300	200	155	275	150	135	20°	1	AFS03021-316
400	300	155	375	250	135	20°	1	AFS04031
400	300	155	375	250	135	20°	1	AFS04031-316
400	400	210	375	350	190	15°	1	AFS04042
400	400	210	375	350	190	15°	1	AFS04042-316
400	600	210	375	550	190	15°	1	AFS04062
400	600	210	375	550	190	15°	1	AFS04062-316
500	500	210	475	450	190	15°	1	AFS05052
500	500	210	475	450	190	15°	1	AFS05052-316
600	400	210	575	350	190	15°	2	AFS06042
600	400	210	575	350	190	15°	2	AFS06042-316
600	600	210	575	550	190	15°	2	AFS06062
600	600	210	575	550	190	15°	2	AFS06062-316
600	600	300	575	550	280	11°	2	AFS06063
600	600	300	575	550	280	11°	2	AFS06063-316
600	800	300	550	750	280	11°	2	AFS06083
600	800	300	550	750	280	11°	2	AFS06083-316
800	600	210	750	550	190	15°	2	AFS08062
800	600	210	750	550	190	15°	2	AFS08062-316
800	600	300	750	550	280	11°	2	AFS08063
800	600	300	750	550	280	11°	2	AFS08063-316
800	800	210	750	750	190	15°	2	AFS08082
800	800	210	750	750	190	15°	2	AFS08082-316
800	800	300	750	750	280	11°	2	AFS08083
800	800	300	750	750	280	11°	2	AFS08083-316
1000	800	300	950	750	280	15°	3	AFS10083
1000	800	300	950	750	280	15°	3	AFS10083-316
1200	600	300	1150	550	280	11°	3	AFS12063
1200	600	300	1150	750	280	11°	3	AFS12063-316
1200	800	300	1150	750	280	11°	3	AFS12083
1200	800	300	1150	750	280	11°	3	AFS12083-316
1200	800	400	1150	750	380	8°	3	AFS12084
1200	800	400	1150	750	380	8°	3	AFS12084-316
1400	800	400	1350	750	380	8°	3	AFS14084
1400	800	400	1350	750	380	8°	3	AFS14084-316



Accessories selection matrix | AFS

Enclosure				Fixing		
	H	W	D	Wall mounting brackets	Pole fixation	Plinth
AFS03021	300	200	155	AWS41-304	-	-
AFS03021-316	300	200	155	AWS41-316	-	-
AFS04031	400	300	155	AWS41-304	EPF0300	-
AFS04031-316	400	300	155	AWS41-316	EPF0300	-
AFS04042	400	400	210	AWS41-304	EPF0400	-
AFS04042-316	400	400	210	AWS41-316	EPF0400	-
AFS04062	400	600	210	AWS41-304	EPF0600	-
AFS04062-316	400	600	210	AWS41-316	EPF0600	-
AFS05052	500	500	210	AWS41-304	EPF0500	-
AFS05052-316	500	500	210	AWS41-316	EPF0500	-
AFS06042	600	400	210	AWS41-304	EPF0400	-
AFS06042-316	600	400	210	AWS41-316	EPF0400	-
AFS06062	600	600	210	AWS41-304	EPF0600	-
AFS06062-316	600	600	210	AWS41-316	EPF0600	-
AFS06063	600	600	300	AWS41-304	EPF0600	MSVS1063
AFS06063-316	600	600	300	AWS41-316	EPF0600	MSVS1063-316
AFS06083	600	800	300	AWS41-304	EPF0800	MSVS1083
AFS06083-316	600	800	300	AWS41-316	EPF0800	MSVS1083-316
AFS08062	800	600	210	AWS41-304	EPF0600	-
AFS08062-316	800	600	210	AWS41-316	EPF0600	-
AFS08063	800	600	300	AWS41-304	EPF0600	MSVS1063
AFS08063-316	800	600	300	AWS41-316	EPF0600	MSVS1063-316
AFS08082	800	800	210	AWS41-304	EPF0800	-
AFS08082-316	800	800	210	AWS41-316	EPF0800	-
AFS08083	800	800	300	AWS41-304	EPF0800	MSVS1083
AFS08083-316	800	800	300	AWS41-316	EPF0800	MSVS1083-316
AFS10083	1000	800	300	AWS41-304	EPF0800	MSVS1083
AFS10083-316	1000	800	300	AWS41-316	EPF0800	MSVS1083-316
AFS12063	1200	600	300	AWS41-304	EPF0600	MSVS1063
AFS12063-316	1200	600	300	AWS41-316	EPF0600	MSVS1063-316
AFS12083	1200	800	300	AWS41-304	EPF0800	MSVS1083
AFS12083-316	1200	800	300	AWS41-316	EPF0800	MSVS1083-316
AFS12084	1200	800	400	AWS41-304	EPF0800	MSVS1084
AFS12084-316	1200	800	400	AWS41-316	EPF0800	MSVS1084-316
AFS14084	1400	800	400	AWS41-304	EPF0800	MSVS1084
AFS14084-316	1400	800	400	AWS41-316	EPF0800	MSVS1084-316



Doors

Enclosure	H	W	D	Doors			
				180° hinges	Door stop	Door switch	Padlocking
AFS03021	300	200	155	MMHS02	ADO202S	ADSW01	PLC01
AFS03021-316	300	200	155	MMHS02	ADO202S	ADSW01	PLC01
AFS04031	400	300	155	MMHS02	ADO202S	ADSW01	PLC01
AFS04031-316	400	300	155	MMHS02	ADO202S	ADSW01	PLC01
AFS04042	400	400	210	MMHS02	ADO202S	ADSW01	PLC01
AFS04042-316	400	400	210	MMHS02	ADO202S	ADSW01	PLC01
AFS04062	400	600	210	MMHS02	ADO202S	ADSW01	PLC01
AFS04062-316	400	600	210	MMHS02	ADO202S	ADSW01	PLC01
AFS05052	500	500	210	MMHS02	ADO202S	ADSW01	PLC01
AFS05052-316	500	500	210	MMHS02	ADO202S	ADSW01	PLC01
AFS06042	600	400	210	MMHS02	ADO202S	ADSW01	PLC01
AFS06042-316	600	400	210	MMHS02	ADO202S	ADSW01	PLC01
AFS06062	600	600	210	MMHS02	ADO202S	ADSW01	PLC01
AFS06062-316	600	600	210	MMHS02	ADO202S	ADSW01	PLC01
AFS06063	600	600	300	MMHS02	ADO202S	ADSW01	PLC01
AFS06063-316	600	600	300	MMHS02	ADO202S	ADSW01	PLC01
AFS06083	600	800	300	MMHS02	ADO202S	ADSW01	PLC01
AFS06083-316	600	800	300	MMHS02	ADO202S	ADSW01	PLC01
AFS08062	800	600	210	MMHS02	ADO202S	ADSW01	PLC01
AFS08062-316	800	600	210	MMHS02	ADO202S	ADSW01	PLC01
AFS08063	800	600	300	MMHS02	ADO202S	ADSW01	PLC01
AFS08063-316	800	600	300	MMHS02	ADO202S	ADSW01	PLC01
AFS08082	800	800	210	MMHS02	ADO202S	ADSW01	PLC01
AFS08082-316	800	800	210	MMHS02	ADO202S	ADSW01	PLC01
AFS08083	800	800	300	MMHS02	ADO202S	ADSW01	PLC01
AFS08083-316	800	800	300	MMHS02	ADO202S	ADSW01	PLC01
AFS10083	1000	800	300	MMHS03	ADO202S	ADSW01	PLC01
AFS10083-316	1000	800	300	MMHS03	ADO202S	ADSW01	PLC01
AFS12063	1200	600	300	MMHS03	ADO202S	ADSW01	PLC01
AFS12063-316	1200	600	300	MMHS03	ADO202S	ADSW01	PLC01
AFS12083	1200	800	300	MMHS03	ADO202S	ADSW01	PLC01
AFS12083-316	1200	800	300	MMHS03	ADO202S	ADSW01	PLC01
AFS12084	1200	800	400	MMHS03	ADO202S	ADSW01	PLC01
AFS12084-316	1200	800	400	MMHS03	ADO202S	ADSW01	PLC01
AFS14084	1400	800	400	MMHS03	ADO202S	ADSW01	PLC01
AFS14084-316	1400	800	400	MMHS03	ADO202S	ADSW01	PLC01



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SITOP PSU 1005



Accessories

For steel enclosures

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Wall Mounted Steel Range Accessories

Mounting plates, AMP

Description: Steel mounting plate for wall mounted enclosures. All sizes from 800 mm and above are strengthened by folded edges. By using the AMG accessory, the mounting plate position can be adjusted to any depth. This accessory is not suitable for the AFS range of enclosures, please refer to the replacement and spare parts catalogue.

Material: Galvanized steel.

Pack quantity: 1 piece.

For enclosure		Mounting plate dimensions		Item no.
H	W	h	w	
200	200	170	150	AMP02020
250	200	220	150	AMP02520
250	250	220	200	AMP02525
300	250	270	200	AMP03025
300	300	270	250	AMP03030
300	600	270	550	AMP03060
300	800	270	750	AMP03080
300	1000	270	950	AMP03100
300	1200	270	1150	AMP03120
350	250	320	200	AMP03525
400	300	370	250	AMP04030
400	400	370	350	AMP04040
400	500	370	450	AMP04050
400	600	370	550	AMP04060
500	300	470	250	AMP05030
500	400	470	350	AMP05040
500	500	470	450	AMP05050
600	400	570	350	AMP06040
600	500	570	450	AMP06050
600	600	570	550	AMP06060
600	800	570	750	AMP06080
700	500	670	450	AMP07050
800	400	770	350	AMP08040
800	600	770	550	AMP08060
800	800	770	750	AMP08080
800	1200	770	1150	AMP08120
1000	600	970	550	AMP10060
1000	800	970	750	AMP10080
1000	1000	970	950	AMP10100
1000	1000	970	950	AMP10120
1200	600	1170	550	AMP12060
1200	800	1170	750	AMP12080
1200	1000	1170	950	AMP12100
1200	1200	1170	1150	AMP12120
1400	1000	1370	950	AMP14100

Not suitable for AFS.



Insulated mounting plates, AMI

Description: Insulated mounting plate for wall mounted enclosures. By using the AMG accessory, the mounting plate position can be adjusted to any depth. This accessory is not suitable for the AFS range of enclosures, please refer to the replacement and spare parts catalogue.

Material: Bakelite.

Pack quantity: 1 piece.

For enclosure		Mounting plate dimensions		Item no.
H	W	h	w	
200	200	170	150	AMI02020
250	200	220	150	AMI02520
250	250	220	200	AMI02525
300	250	270	200	AMI03025
300	300	270	250	AMI03030
350	250	320	200	AMI03525
400	300	370	250	AMI04030
400	400	370	350	AMI04040
400	500	370	450	AMI04050
400	600	370	550	AMI04060
500	300	470	250	AMI05030
500	400	470	350	AMI05040
500	500	470	450	AMI05050
600	400	570	350	AMI06040
600	500	570	450	AMI06050
600	600	570	550	AMI06060
600	800	570	750	AMI06080
700	500	670	450	AMI07050
800	400	770	350	AMI08040
800	600	770	550	AMI08060
800	800	770	750	AMI08080
1000	600	970	550	AMI10060
1000	800	970	750	AMI10080
1200	600	1170	550	AMI12060
1200	800	1170	750	AMI12080

Not suitable for AFS.



Wall Mounted Steel Range Accessories

Telequick mounting plate, AMT

Description: Steel mounting plate simplifies installation and equipment mounting. Rectangular holes 28 x 11 mm to obtain required fixing positions with snap nuts. The nuts can be moved around within the rectangular hole. By using the AMG accessory, the mounting plate position can be adjusted to any depth. This accessory is not suitable for the AFS range of enclosures, please refer to the replacement and spare parts catalogue.

Material: Galvanized steel.

Pack quantity: 1 piece.

For enclosure		Mounting plate dimensions		Item no.
H	W	h	w	
400	300	370	250	AMT04030
400	400	370	350	AMT04040
400	500	370	450	AMT04050
400	600	370	550	AMT04060
500	300	470	250	AMT05030
500	400	470	350	AMT05040
500	500	470	450	AMT05050
600	400	570	350	AMT06040
600	500	570	450	AMT06050
600	600	570	550	AMT06060
600	800	570	750	AMT06080
700	500	670	450	AMT07050
800	400	770	350	AMT08040
800	600	770	550	AMT08060
800	800	770	750	AMT08080
1000	600	970	550	AMT10060
1000	800	970	750	AMT10080
1200	600	1170	550	AMT12060
1200	800	1170	750	AMT12080

Not suitable for AFS.



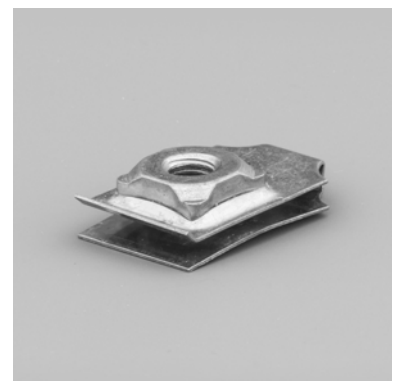
Snap nuts for telequick plates, TN

Description: Nuts to be used in the telequick mounting plates.

Pack quantity: 50 pieces.

Thread	Item no.
M 4	TN04
M 5	TN05
M 6	TN06

Not suitable for AFS.

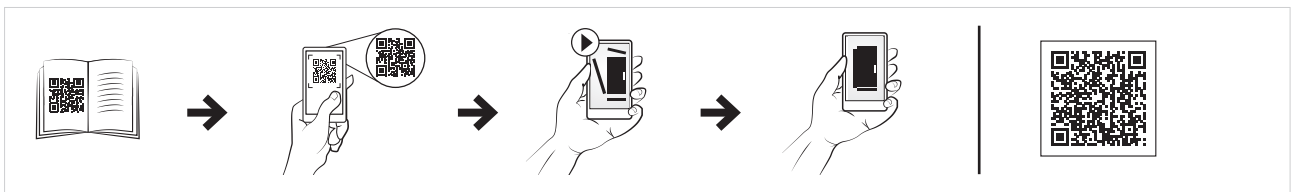


Depth adjustment kit, AMG

- Description:** To provide depth adjustment for different accessories: mounting plate, 19" profiles and inner door. In stainless steel enclosures machining is required.
- Material:** 2 mm galvanized steel.
- Depth adjustment:** Distance to the door D-35 to 65 mm.
- Pack quantity:** 2 pairs with mounting accessories.

For enclosure		
D		Item no.
155		AMG155
210		AMG210
260		AMG260
300		AMG300
400		AMG400

Not suitable for AFS.



Depth adjustment bolts, AMTE

- Description:** For depth adjustment of the mounting plate. Metric thread M8.
- Material:** Zinc plated steel.

Length	Pack quantity	Item no.
10	50	AMTE8010
20	50	AMTE8020
30	50	AMTE8030
40	20	AMTE8040
50	20	AMTE8050
55	20	AMTE8055
100	20	AMTE8100

Not suitable for AFS.



Wall Mounted Steel Range Accessories

Depth interior profile, DIP

Description: The DIP profile system is a 40 mm wide and 25 mm high profile, which can be mounted on the enclosure depth. It can also be used in combination with CLPF and CLPK profiles. Two rows of holes patterns for cage nut fixing and self-tapping screws are provided.

Material: Zinc plated steel.

Pack quantity: 4 profiles including fixing accessories.

For enclosure		
D	Max. loading	Item no.
210	150 N	DIP210
260	150 N	DIP260
300	150 N	DIP300
400	150 N	DIP400



Modular chassis, AC

Description: Used for easy mounting of DIN-rail components with a maximum height of 68 mm. Distance between rows 125 mm. If required, the standard enclosure door can be replaced with a glazed door. Usable depth between front cover and external door: 35 mm. In stainless steel enclosure machining is required.

Material: DIN-rails PP0735 made of 1.2 mm galvanized steel, vertical profiles 1.5 mm mild steel, and front cover 1.5 mm mild steel.

Finish: RAL 7035 structured powder coating.

Pack quantity: Slotted front panel, two vertical profiles, top and bottom blank panels, one DIN-rail per row, and mounting accessories.

For enclosure				
H	W	N° of modules	N° of rows	Item no.
300	250	16	2	AC03025R5
400	300	33	3	AC04030R5
500	400	48	3	AC05040R5
600	400	64	4	AC06040R5
600	600	108	4	AC06060R5
700	500	110	5	AC07050R5
800	600	162	6	AC08060R5
1000	600	189	7	AC10060R5
1000	800	266	7	AC10080R5

Not suitable for AFS.



19" profiles, AVP

Description: For 600 mm wide enclosures only. Adjustable depth with the use of the AMG accessory. Usable depth between 19" profiles and external door: 56 mm. Fitted onto the hinge holes located on the front frame of the enclosure. For stainless steel enclosures, machining is required.

Material: 2 mm galvanized steel.

Pack quantity: 1 pair with mounting accessories.

For enclosure	
H	Item no.
600	AVP0600
800	AVP0800
1000	AVP1000
1200	AVP1200

Not suitable for AFS.



Vertical mounting profiles, AVB

Description: For the mounting of swing frames in full and partial height. The SFBP is mounted directly to the AVB. Equipped with 25 mm hole pattern. For other mounting purposes CNM cage nuts can be used. Fitted onto the hinge holes located on the front frame of the enclosure. For stainless steel enclosures, machining is required.

Material: 2 mm galvanized steel.

Pack quantity: 1 pair with mounting accessories.

For enclosure	
H	Item no.
600	AVB0600
800	AVB0800
1000	AVB1000
1200	AVB1200
1400	AVB1400

Not suitable for AFS.



Wall Mounted Steel Range Accessories

Swing frames partial height, SFCP

- Description:** Partial height swing frame for 19"-components allowing left or right hand opening. Can be used in wall mounted, steel enclosures, and floor standing, combinable and compact, steel enclosures. Rigid S-shaped frame profile equipped with 19" hole pattern in front and back. Zinc plated frame for direct earthing of the mounted components. Standard opening angle 125°-155°.
- Lock:** One double-bit 3 mm lock.
- Material:** 2 mm zinc plated steel.
- Pack quantity:** 1 swing frame with hinges.
- Mounting requirement:** Mounting in wall mounted, steel enclosures requires the SFBP transversal support in combination with the AVB. Mounting in floor standing steel combinable enclosures requires the SFBP transversal support. Adjustable in depth in combination with CLPK profiles.

For enclosure			
H	U	Max. loading	Item no.
600	3	150 N	SFCP036
600	6	300 N	SFCP066
600	10	500 N	SFCP106
800	12	500 N	SFCP126
800	15	500 N	SFCP156
1000	19	500 N	SFCP196
1200	24	500 N	SFCP246

Not suitable for AFS.



Partial SF transversal support bars, SFBP

- Description:** Enables partial height swing frames to be mounted in the wall mounted, steel enclosures, and floor standing, combinable, steel enclosures. The swing frames can be mounted both left and right hand opening.
- Material:** 3 mm zinc plated steel.
- Pack quantity:** One complete kit including mounting brackets for one swing frame.
- Mounting requirement:** For wall mounted, steel enclosures, use in combination with the AVB profiles. For floor standing enclosures, it can be mounted directly to the enclosure frame or adjustable in depth, in steps of 25 mm, by means of the CLPK.

For enclosure	W	Item no.
Wall mounted / Floor standing	600	SFBP600
Wall mounted / Floor standing	800	SFBP800

Not suitable for AFS.



02

Wall Mounted Enclosures



2

Wall Mounted Steel Range Accessories

Wall mounting brackets, AW

- Description:** Mounting brackets for safe wall fixing. It includes the sealing washers to guarantee the IP rating.
- Material:** 3 mm zinc plated steel.
- Pack quantity:** 4 brackets with mounting accessories.

Item no.
AW41

Not suitable for AFS.



Wall mounting brackets, AWS

- Description:** Mounting brackets for safe wall fixing. It includes the sealing washers to guarantee the IP rating. In stainless steel machining is required.
- Pack quantity:** 4 brackets with mounting accessories.

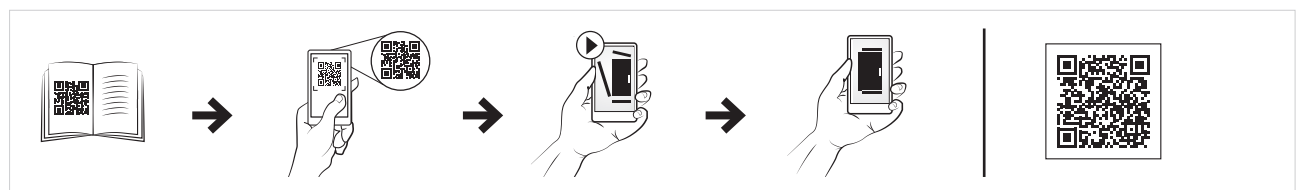
Material	Item no.
3 mm stainless steel 304	AWS41-304
3 mm stainless steel 316	AWS41-316



Enclosure pole fixation, EPF

- Description:** Accessory to fix enclosures onto poles. Maximum load of 900 N.
- Material:** Galvanized steel.
- Minimum pole diameter:** 80 mm.
- Maximum pole diameter:** 250 mm.
- Pack quantity:** 2 profiles, 2 circular mounting strips for pole attachment and mounting accessories.

For Enclosure (W)	Item no.
MAS, MAD, MAP, ASR, ADR, AFS	
300	EPF0300
400	EPF0400
500	EPF0500
600	EPF0600
800	EPF0800



Front/rear plinths, P

- Description:** Four corner pieces with removable front covers. The side panels PA must be ordered separately. Available heights: 100 and 200 mm. Machining is required.
- Material:** 2.5 mm mild steel for corner pieces and 1.5 mm mild steel for covers.
- Finish:** RAL 7022 structured powder coating.
- Pack quantity:** 4 corner pieces and 2 front covers, with mounting accessories.

For enclosure		
W		Item no.
400		P1040
500		P1050
600		P1060
800		P1080
1000		P1100
1200		P1120
400		P2040
500		P2050
600		P2060
800		P2080
1000		P2100
1200		P2120

Not suitable for AFS.

Side plinths, PA

- Description:** Side covers for plinth P, strengthened by folded edges.
- Material:** 1.5 mm mild steel.
- Finish:** RAL 7022 structured powder coating.
- Pack quantity:** 2 pieces for height 100 mm and 4 pieces for height 200 mm.

For enclosure		
D		Item no.
260		PA1026
300		PA1030
400		PA1040
260		PA2026
300		PA2030
400		PA2040

Not suitable for AFS.



Wall Mounted Steel Range Accessories

Plinths, MSVS

- Description:** Four U-section side pieces fixed by screws to the corner sections. (Machining is required).
- Material:** 2 mm AISI 304 / AISI 316L pre-grained stainless steel.
- Finish:** 240s pre-grained (0.5 microns average).
- Pack quantity:** 1 plinth with mounting material.

For enclosure			
H	W	D	Item no.
100	600	300	MSVS1063
100	600	300	MSVS1063-316
100	800	300	MSVS1083
100	800	300	MSVS1083-316
100	800	400	MSVS1084
100	800	400	MSVS1084-316
100	1000	300	MSVS1103
100	1000	300	MSVS1103-316
100	1200	300	MSVS1123
100	1200	300	MSVS1123-316
100	1200	400	MSVS1124
100	1200	400	MSVS1124-316



Floor stands, PFF

- Description:** Floor stands for floor mounting to give a suitable operation height. Available for 300 and 400 mm depth enclosures with W ≥ 400mm. 300 or 450 mm high are available. Machining is required.
- Material:** 2 mm mild steel.
- Finish:** RAL 7035 structured powder coating.
- Pack quantity:** 2 pieces with mounting accessories.

For enclosure	
D	Item no.
300	PFF330R5
300	PFF345R5
400	PFF430R5
400	PFF445R5

Not suitable for AFS.



Transparent doors, ADT

Description:	To replace the standard door, it provides a clear view of the components installed inside the enclosure. The lock(s) are interchangeable with all Eldon's standard lock(s).
Material:	1.2 mm mild steel / 1.5 mm for enclosures with a height or width of 500 mm or greater / 2 mm for enclosures with a height or width of 800 mm or greater and 3 mm transparent acrylic glass.
Finish:	RAL 7035 structured powder coating.
Protection:	Complies with IP 55, IK 07.
Pack quantity:	1 door.

For enclosure		Viewing area		N° of locks	Item no.
H	W	h	w		
300	250	159	93	1	ADT03025R5
300	300	159	143	1	ADT03030R5
400	300	259	143	1	ADT04030R5
400	400	259	243	1	ADT04040R5
500	300	359	143	1	ADT05030R5
500	400	359	243	1	ADT05040R5
600	400	459	243	2	ADT06040R5
600	500	459	343	2	ADT06050R5
600	600	459	443	2	ADT06060R5
700	500	559	343	2	ADT07050R5
800	600	659	443	2	ADT08060R5
1000	600	859	427	1*	ADT10060R5
1000	800	859	627	1*	ADT10080R5
1200	600	1059	427	1*	ADT12060R5
1200	800	1059	627	1*	ADT12080R5

* 3 point espagnolette locking.
Not suitable for AFS.



Wall Mounted Steel Range Accessories

Glazed door with clear glass, ADC

- Description:** To replace the standard door, it provides a clear view of the components installed inside the enclosure. The lock(s) are interchangeable with all Eldon's standard lock(s).
- Material:** 1.2 mm mild steel / 1.5 mm for enclosures with a height or width of 500 mm or greater / 2 mm for enclosures with a height or width of 800 mm or greater and 4 mm clear safety glass.
- Finish:** RAL 7035 structured powder coating.
- Protection:** Complies with IP 55 | TYPE 12, 13, IK 07.
- Pack quantity:** 1 door.

For enclosure		Viewing area		N° of locks	Item no.
H	W	h	w		
300	250	159	93	1	ADC03025R5
300	300	159	143	1	ADC03030R5
400	300	259	143	1	ADC04030R5
400	400	259	243	1	ADC04040R5
500	300	359	143	1	ADC05030R5
500	400	359	243	1	ADC05040R5
600	400	459	243	2	ADC06040R5
600	500	459	343	2	ADC06050R5
600	600	459	443	2	ADC06060R5
700	500	559	343	2	ADC07050R5
800	600	659	443	2	ADC08060R5
1000	600	859	427	1*	ADC10060R5
1000	800	859	627	1*	ADC10080R5
1200	600	1059	427	1*	ADC12060R5
1200	800	1059	627	1*	ADC12080R5

* 3 point espagnolette locking.



Glazed doors with clear glass, ADCS

Description:	To replace the standard door, provides a clear view of the components installed inside the enclosure. The lock(s) are interchangeable with all Eldon's standard lock(s).
Material:	1.5 mm AISI 304 stainless steel, 2 mm for enclosures with a height or width of 600 mm or greater and 4 mm clear safety glass.
Finish:	240s pre-grained stainless steel (average 0.5 micron).
Protection:	Complies with IP 55 TYPE 12, 13, IK 07.
Pack quantity:	1 door.

For enclosure		Viewing area		N° of locks	Item no.
H	W	h	w		
360	240	219	83	1	ADCS03624
400	300	259	143	1	ADCS04030
400	400	259	243	1	ADCS04040
400	600	259	443	1	ADCS04060
500	400	359	243	1	ADCS05040
500	500	359	343	2	ADCS05050
600	400	459	243	2	ADCS06040
600	600	459	443	2	ADCS06060
600	800	459	643	2	ADCS06080
800	600	659	443	2	ADCS08060
800	800	859	643	2	ADCS08080
1000	800	859	643	1*	ADCS10080
1200	800	1059	643	1*	ADCS12080
1400	800	1259	643	1*	ADCS14080

* 3 point espagnolette locking.
Not suitable for AFS.



Wall Mounted Steel Range Accessories

Transparent aluminium doors, ADA/ADAB

- Description:** To replace the standard door. Can be used in combination with swing frame, modular chassis or inner door. The double-bit 3 mm lock can be replaced by any optional insert or handle. It increases the enclosures depth by 10 mm (ADA) or 35 mm (ADAB). Can also be used as a viewing window when used in combination with mounting kit ADAMK/ADABMK.
- Material:** Aluminium and 3 mm acrylic glass.
- Finish:** Anodised aluminium.
- Protection:** Complies with IP 54.
- Pack quantity:** 1 door with mounting accessories.

For enclosure		Inner door dimensions		N° of locks	Item no.
H	W	h	w		
300	300	226	226	1	ADA03030
400	300	326	226	1	ADA04030
400	400	326	326	1	ADA04040
400	600	326	526	1	ADA04060
500	300	426	226	1	ADA05030
500	400	426	326	1	ADA05040
600	400	522	322	2	ADAB06040
600	600	522	522	2	ADAB06060
600	800	522	722	2	ADAB06080
700	500	622	422	2	ADAB07050
800	600	722	522	2	ADAB08060
1000	800	922	722	2	ADAB10080
1200	600	1122	522	2	ADAB12060
1200	800	1122	722	2	ADAB12080

Not suitable for AFS.



Mounting kits, ADAMK/ADABMK

- Description:** With this kit the glazed doors ADA/ADAB can be used as viewing windows on any enclosure surface, to provide protection for displays and other control components.

For	Item no.
ADA	ADAMK
ADAB	ADABMK

Not suitable for AFS.



Display aluminium panels, ACA/ACB

Description:	For controls, meters, indication lamps etc. The mounted components are protected by a 23.5 mm high frame. The aluminium panel is 3 mm thick and can be removed for drilling or screen printing. The double-bit 3 mm lock can be replaced by any optional insert or handle.
Material:	Aluminium.
Finish:	Anodised aluminium.
Protection:	Complies with IP 54.
Pack quantity:	1 door with mounting accessories.

For enclosure		Viewing area		N° of locks	Item no.
H	W	h	w		
300	300	226	226	1	ACA03030
400	300	326	226	1	ACA04030
400	400	326	326	1	ACA04040
400	600	326	526	1	ACA04060
500	300	426	226	1	ACA05030
500	400	426	326	1	ACA05040
500	500	426	426	1	ACA05050
600	400	522	322	2	ACB06040
600	600	522	522	2	ACB06060
600	800	522	722	2	ACB06080
700	500	622	422	2	ACB07050
800	600	722	522	2	ACB08060
800	800	722	722	2	ACB08080
1000	600	922	522	2	ACB10060
1000	800	922	722	2	ACB10080
1200	600	1122	522	2	ACB12060
1200	800	1122	722	2	ACB12080

Not suitable for AFS.



Wall Mounted Steel Range Accessories

Inner doors, ADI

- Description:** For controls, meters, lamps, etc. Hinges can be mounted to allow left or right hand opening. Lock double-bit 3 mm insert; 700 mm high doors and above have 2 locks. Usable depth between inner and external door: 35 mm. Adjustable depth position with AMG accessory. Workable area: H-55, W- 108. 19" version available on request. Machining is required for stainless steel enclosures.
- Material:** Door 1.5 mm mild steel, vertical top and bottom profiles 2 mm mild steel.
- Finish:** RAL 7035 structured powder coating.
- Protection:** IP 2XC.
- Pack quantity:** Inner door, two vertical profiles, top and bottom profiles and mounting accessories.

For enclosure		Inner door dimensions			
H	W	h	w	N° of locks	Item no.
400	300	345	192	1	ADI04030R5
400	400	345	292	1	ADI04040R5
400	500	345	392	1	ADI04050R5
400	600	345	492	1	ADI04060R5
500	300	445	192	1	ADI05030R5
500	400	445	292	1	ADI05040R5
500	500	445	392	1	ADI05050R5
600	400	545	292	1	ADI06040R5
600	500	545	392	1	ADI06050R5
600	600	545	492	1	ADI06060R5
600	800	545	692	1	ADI06080R5
700	500	645	392	2	ADI07050R5
800	400	745	292	2	ADI08040R5
800	600	745	492	2	ADI08060R5
800	800	745	692	2	ADI08080R5
1000	600	945	492	2	ADI10060R5
1000	800	945	692	2	ADI10080R5
1200	600	1145	492	2	ADI12060R5
1200	800	1145	692	2	ADI12080R5

Not suitable for AFS.



Inner doors, ADIS

Description:	For controls, meters, lamps, etc. Hinges can be mounted to allow left or right hand opening (Machining is required). Double-bit 3 mm lock, 800 mm high doors and above have 2 locks. Usable depth between inner and external door: 35 mm, adjustable depth position with AMG accessory. Workable area: H-55, W-108. 19" version available on request.
Material:	Door 1.5 mm AISI 304 stainless steel and vertical top and bottom profiles 2 mm, AISI 304 stainless steel.
Protection:	IP 2XC.
Finish:	240s pre-grained stainless steel (average 0.5 micron).
Pack quantity:	Inner door, two vertical profiles, top and bottom profiles and mounting accessories.

For enclosure		Inner door dimensions		N° of locks	Item no.
H	W	h	w		
400	300	345	192	1	ADIS04030
500	400	445	292	1	ADIS05040
500	500	445	392	1	ADIS05050
600	400	545	292	1	ADIS06040
600	600	545	492	1	ADIS06060
800	600	745	492	2	ADIS08060
1000	800	945	692	2	ADIS10080
1200	800	1145	692	2	ADIS12080

To order 19" version, please add I19 to the catalogue no, e.g. ADIS04030I19.
Not suitable for AFS.



Inserts, ALIS

Description:	Inserts to replace the standard double-bit 3 mm insert in the standard ALLS503 lock.
Material:	Zamak chrome plated.
Pack quantity:	1 piece.

Description	Item no.
Double-bit 3 mm	ALIS503
Double-bit 5 mm	ALIS505
Square 7 mm	ALIS523
Square 8 mm	ALIS525
Triangular 8 mm	ALIS524
Slotted 2x4 mm	ALIS528

Not suitable for AFS.



Wall Mounted Steel Range Accessories

Locks, ALL

Description: Alternative locks to replace the standard one.

Pack quantity: 1 piece.

Description	Type	Protection	Compatibility	Item no.
ADA/ACA lock with cylinder	Ronis key n° C21323	IP 65	ADA/ACA	ALL506
ADAB/ACB lock with cylinder	Ronis key n° C21323	IP 65	ADAB/ACB	ALL507
Chrome plated lock with cylinder	Ronis key n° M21323	IP 65		ALL508
Polyamide lock with cylinder	Key 5333	IP 55		ALL509
Eldon lock with cylinder	Ronis key n° C21323	IP 65		ALL510

Not suitable for AFS.



Double-bit 3 mm stainless steel locks, ALLS

Description: Stainless steel double-bit 3 mm lock.

Description	Protection	Item no.
AISI 304 stainless steel	IP 65	ALLS304
AISI 316L stainless steel	IP 66	ALLS316

Not suitable for AFS.



Padlocking, PLC

Description: The padlocking cover is mounted over the existing standard lock. The standard lock is totally covered and not accessible when padlock is fitted. Maximum padlock bow diameter of 10 mm.

Material: Stainless steel.

Pack quantity: 1 piece.

Item no.
PLC01



Handles, ALT

Description: Alternative handles to replace the standard lock.

Pack quantity: 1 piece.

Description	Protection	Item no.
Plastic handle	IP 66	ALT560
Chrome plated T-handle with cylinder lock, key M21323	IP 65	ALT561
Chrome plated handle with cylinder lock, key M21323	IP 65	ALT562
Plastic handle with cylinder lock, Key 5333	IP 65	ALT563

Not suitable for AFS.



Keys, LSK

Description: Key with Eldon logo. Easy to use design, providing a good grip.

Pack quantity: 1 piece.

Description	Material	Item no.
Double-bit 3 mm	Plastic	LSK502
Double-bit 3 mm	Metalic	LSK503
Double-bit 5 mm	Metalic	LSK505
Square 7 mm	Metalic	LSK523
Square 8 mm	Metalic	LSK524
Triangle 7 mm	Metalic	LSK526
Triangle 8 mm	Metalic	LSK527

Not suitable for AFS.



Multi key, LSMK

Description: Multi-Key function with Eldon logo and a different key in every end: double-bit 5 mm, square 8 mm, triangle 8 mm and a standard hexagonal adaptor to use with the screw ends.

Material: Steel.

Pack quantity: 1 piece.

Item no.
LSMK01

Not suitable for AFS.



Wall Mounted Steel Range Accessories

Hinges, MMH

Description: Door hinges that allow the door to open 180°.

Material: Zamak.

Pack quantity: Hinges with mounting accessories.

For enclosure		Item no.
H		
≤ 800 mm		MMH02
> 800 mm		MMH03

Not suitable for AFS.



Hinges, MMHS

Description: Stainless steel door hinges that allow the door to open 180°.

Material: Stainless steel 316.

Pack quantity: Hinges with mounting accessories.

For enclosure		Item no.
H		
≤ 800 mm		MMHS02
> 800 mm		MMHS03

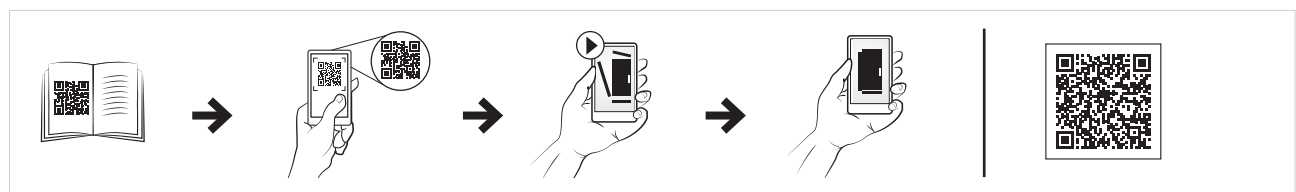


Door stop, ADO

Description: Door stop to fit all wall mounted enclosure dimensions. To secure the door in an open position to the degree that meets user requirements. Door stop can be mounted at the top or bottom of the enclosure. Machining is required.

Pack quantity: 1 piece with mounting accessories.

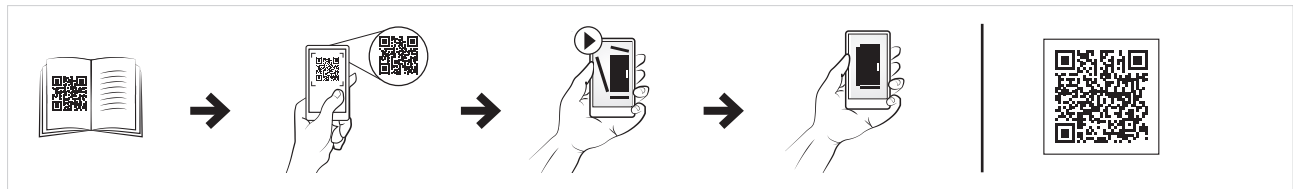
Material	Item no.
3 mm thick zinc plated steel	ADO202
2.5 mm stainless steel AISI 316L	ADO202S



Door switch, ADSW

- Description:** Door switch to activate any electrical device (lighting, signalling, alarms, etc.) designed for wall mounted enclosures. Cable entry M20. In stainless steel enclosures, machining is required.
- Switch capacity:** 3 A / 250 V.
- Approvals:** CE, EAC, cULus listed.
- Pack quantity:** 1 piece with mounting accessories.

Item no.
ADSW01



Document pocket, DRA

- Description:** Self adhesive, for DIN A4.
- Usable depth:** 30 mm.
- Material:** Thermoplastic.
- Finish:** RAL 7035.
- Pack quantity:** 1 document pocket with double sided tape.

Item no.
DRA04



Not suitable for AFS.

Wall Mounted Steel Range Accessories

Door mounting profiles, MMDP

- Description:** To strengthen the door and provide further mounting possibilities. Mounted on the inside of the door onto M6 welded studs. Equipped with a 10 mm hole pattern. These door profiles cannot be used with the AFS enclosure range.
- Material:** 1.2 mm galvanized steel.
- Dimension:** 15 x 14 mm.
- Pack quantity:** 1 pair with mounting accessories.

For enclosure	
H	Item no.
300	MMDP030
400	MMDP040
500	MMDP050
600	MMDP060
700	MMDP070
800	MMDP080
1000	MMDP100
1200	MMDP120
1400	MMDP140

Not suitable for AFS.

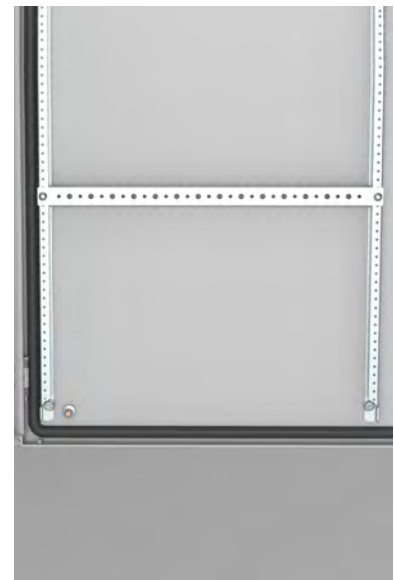


Door horizontal profiles, DHP

- Description:** Horizontal profiles with 25 mm hole pattern of 4.5 mm and 6.5 mm of diameter for the attachment and installation of equipment. They fit directly onto the MMDP door mounting profiles. They can also be mounted vertically onto two horizontal profiles. For doors with espagnolette locking system, profiles must be cut where indicated.
- Material:** 1.5 mm galvanized steel.
- Pack quantity:** 5 pieces with mounting accessories.

For enclosure	
W	Item no.
300	DHP030
400	DHP040
500	DHP050
600	DHP060
800	DHP080

Not suitable for AFS.



02

Wall Mounted Enclosures



2

Wall Mounted Steel Range Accessories

Wall mounted combining kit, CK

- Description:** Wall mounting combining kit is to be used for joining two or more wall mounted enclosures together, side by side. This enables customers to create many more enclosure configurations than previously available.
- Material:** EPDM rubber 10 mm thick.
- Pack quantity:** Combining kit provided in a puzzle format, along with mounting accessories.

Item no.
CK01

Not suitable for AFS.



Gland plate combining gaskets, AGC

- Description:** To be used when a wall mounted enclosures combination (MAS/MAD/MAP) is needed. Combining gaskets are to be used to join gland plate openings together.
- Material:** 8 mm polyethylene foam.
- Pack quantity:** 2 pieces, and combination mounting accessories.

For opening	Size	Item no.
310 x 96	2	AGC02
410 x 96	3	AGC03
510 x 96	4	AGC04

Not suitable for AFS.



Lifting eyes, AL

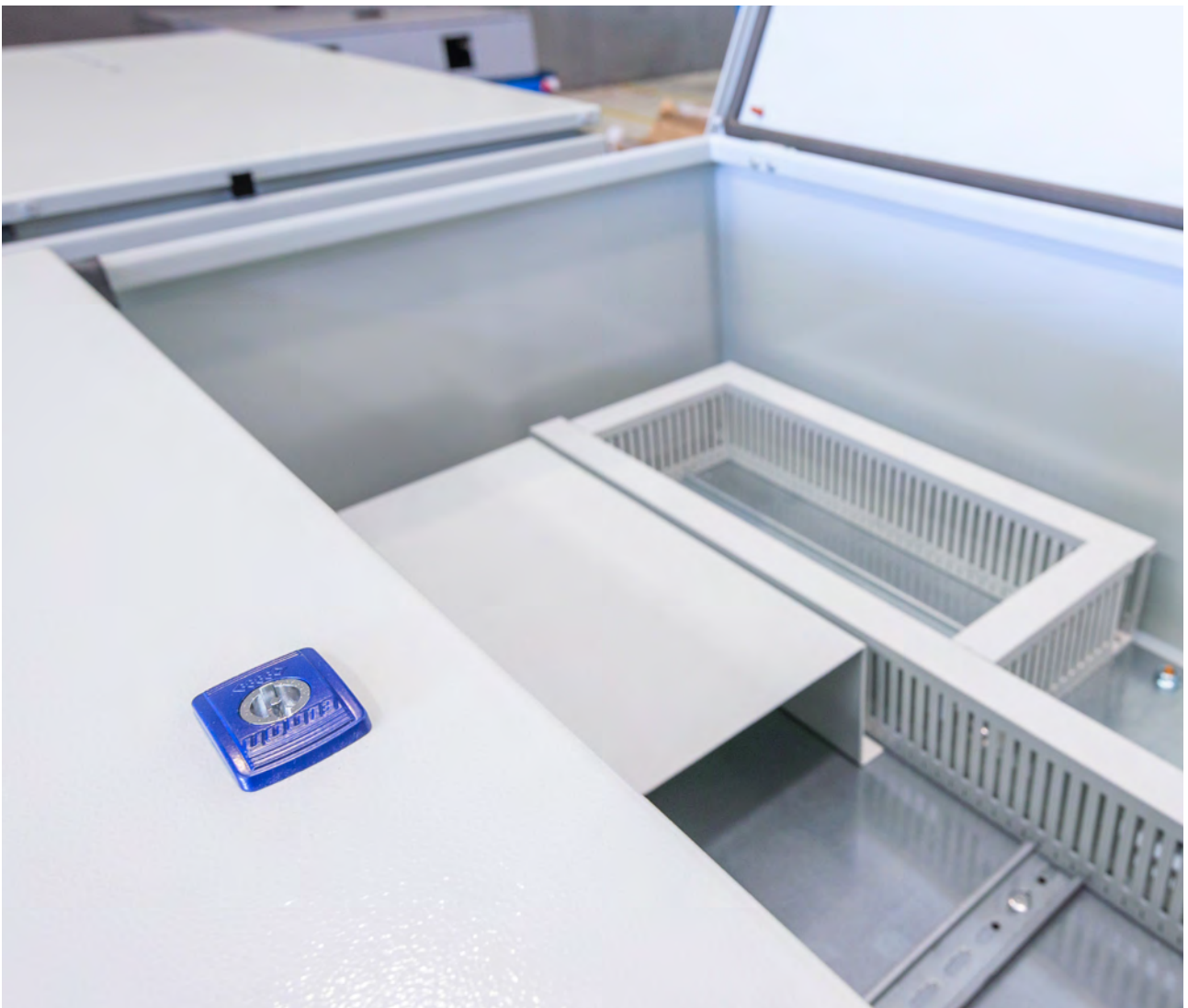
Description: M12 thread. Complies with DIN 580 lifting requirements. Machining is required.

Material: Steel.

Pack quantity: 2 eye-bolts, 2 reinforcements and mounting accessories.

Item no.
AL9301

Not suitable for AFS.



Wall Mounted Steel Range Accessories

Standard gland plates, AF

Description: Gland plates for the standard gland opening.

Material: 1.4 mm mild steel.

Finish: RAL 7035 structured powder coating.

Pack quantity: 1 piece.

For opening	Size	Item no.
110 x 56	0S	AF00SR5
210 x 56	1S	AF01SR5
310 x 56	2S	AF02SR5
410 x 56	3S	AF03SR5
210 x 96	1	AF01R5
310 x 96	2	AF02R5
410 x 96	3	AF03R5
510 x 96	4	AF04R5

Not suitable for AFS.



Gland plate gaskets, AG

Description: For standard gland plate opening.

Material: 4 mm polyethylene foam.

Pack quantity: 1 piece.

For opening	Size	Item no.
110 x 56	0S	AG00S
210 x 56	1S	AG01S
310 x 56	2S	AG02S
410 x 56	3S	AG03S
210 x 96	1	AG01
310 x 96	2	AG02
410 x 96	3	AG03
510 x 96	4	AG04

Not suitable for AFS.



Ventilated gland plates, AFR

Description:	Louvered plate, pressed out 5 mm.
Material:	1.4 mm mild steel.
Finish:	RAL 7035 structured powder coating.
Protection:	Complies with IP 23, in bottom or vertical position.
Pack quantity:	1 piece.

For opening	Size	Item no.
210 x 96	1	AFR01R5
310 x 96	2	AFR02R5
410 x 96	3	AFR03R5
510 x 96	4	AFR04R5

Not suitable for AFS.

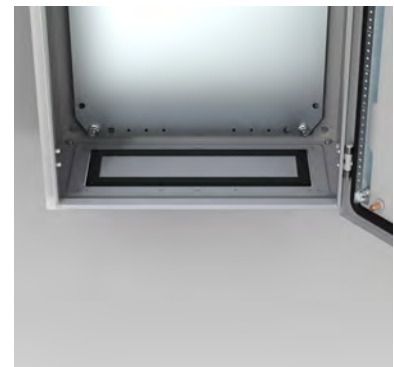


Ventilated gland plates with filter, AFV

Description:	Louvered plate, pressed out 5 mm with filter.
Material:	1.4 mm mild steel.
Finish:	RAL 7035 structured powder coating.
Protection:	Complies with IP 53, in bottom or vertical position.
Pack quantity:	1 piece.

For opening	Size	Item no.
210 x 96	1	AFV01R5
310 x 96	2	AFV02R5
410 x 96	3	AFV03R5
510 x 96	4	AFV04R5

Not suitable for AFS.



Ventilated gland plates with fly-net, AFG

Description:	Louvered plate, pressed out 5 mm with fly-net.
Material:	1.4 mm mild steel.
Finish:	RAL 7035 structured powder coating.
Protection:	Complies with IP 43, in bottom or vertical position.
Pack quantity:	1 piece.

For opening	Size	Item no.
210 x 96	1	AFG01R5
310 x 96	2	AFG02R5
410 x 96	3	AFG03R5
510 x 96	4	AFG04R5

Not suitable for AFS.



Wall Mounted Steel Range Accessories

Adapter gland plates, AFA

- Description:** Adapts FL gland plates to the wall mounted, steel enclosures gland opening.
- Material:** 1.4 mm mild steel.
- Finish:** RAL 7035 structured powder coating.
- Pack quantity:** 1 piece.

For opening	N° of FL openings	Size	Item no.
210 x 96	1xFL13	1	AFA01R5
310 x 96	1xFL21	2	AFA02R5
410 x 96	1xFL21	3	AFA03R5
510 x 96	2xFL21	4	AFA04R5

Not suitable for AFS.



Plastic cable plates, EHTC

- Description:** Gland plates suitable for leading through cables as well as different types of tubing. To be installed directly to the adapter gland plate AFA02 / AFA04.
- Material:** Different types of polymers reinforced with a steel plate. Halogen free and UV resistant.
- Protection:** IP 65.
- Finish:** RAL 7035.
- Pack quantity:** 1 piece with mounting accessories.

Size	Item no.
FL21	EHTC2125G
FL21	EHTC213G
FL21	EHTC2135G
FL21	EHTC2150G

Not suitable for AFS.



Gland plates with knock-outs, AFK

Description:	Gland plates with knock-outs according to table.
Material:	1.4 mm mild steel.
Finish:	RAL 7035 structured powder coating.
Pack quantity:	1 piece.

For opening	Size	M16	M20	M25	M32	Item no.
210 x 56	1S	4	3	-	-	AFK11SR5
310 x 56	2S	6	3	1	-	AFK21SR5
410 x 56	3S	9	4	1	-	AFK31SR5
210 x 96	1	4	5	2	2	AFK11R5
210 x 96	1	12	-	1	1	AFK12R5
310 x 96	2	9	5	4	2	AFK21R5
310 x 96	2	21	-	1	1	AFK22R5
410 x 96	3	18	5	4	2	AFK31R5
410 x 96	3	21	10	-	-	AFK32R5
510 x 96	4	27	5	4	2	AFK41R5
510 x 96	4	18	14	3	1	AFK42R5

Not suitable for AFS.

Plastic cable glands, CPG

Description:	Traditional cable fittings. Known for excellent strain relief even while providing a high protection class. Plastic lock nuts for fixation are included in the delivery.
Material:	Fitting body made of polyamide PA6, and sealing made of neoprene.
Temperature resistance:	-20 °C to +100 °C.
Flammability:	V-2 according to UL94.
Finish:	RAL 7035.
Protection:	IP 68 at 5 bar.

Thread	Cable Size	Pack quantity	Item no.
M12 x 1.5	3 - 6.5	100	CPG12
M16 x 1.5	5 - 10	50	CPG16
M20 x 1.5	6 - 12	50	CPG20
M25 x 1.5	13 - 18	50	CPG25
M32 x 1.5	18 - 25	20	CPG32
M40 x 1.5	22 - 32	10	CPG40
M50 x 1.5	30 - 38	5	CPG50
M63 x 1.5	34 - 44	5	CPG63

Not suitable for AFS.



Wall Mounted Steel Range Accessories

Simple protection cables entry, CES

Description: Simple grommet manufactured in a rubber-like material. The installation does not require tools. The "pushout" membrane is a permanent seal until it is penetrated by a cable or pipe. It is equipped with a sock that closes tight around the cable and allows for it to be moved around like a "joy-stick" in the opening without endangering the IP, so it works extremely well with cables passing through at an angle. Suitable for holes in materials of 0.5 to 4.5 mm thickness.

Material: TPE (thermoplastic elastomer), halogen free.

Temperature resistance: -50 °C to +125 °C.

Finish: RAL 7035.

Protection: IP 67.

H	H1	H2	Metric	Diameter	Cable diameter (mm)	Hole diameter (mm)	Pack quantity	Item no.
11.0	4.0	6.75	M16	23.5	5-10	16.5	50	CES16
11.0	4.0	6.75	M20	27.5	6-13	20.5	50	CES20
11.0	4.0	6.75	M25	39.5	8-17	25.5	50	CES25
11.0	4.0	6.75	M32	39.5	12-24	32.5	25	CES32

Not suitable for AFS.



Double protection cables entry, CED

Description: The rubber grommet is very simple to use. The installation does not require tools, which in turn means lower work cost. The "pushout" membrane is a permanent seal until it is penetrated by a cable or pipe. Suitable for holes in materials of 0.5 to 4 mm thickness.

Material: EPDM, halogen free.

Temperature resistance: -40 °C to +110 °C.

Finish: RAL 7035.

Protection: IP 67.

H	H1	Metric	Diameter	Cable diameter (mm)	Hole diameter (mm)	Pack quantity	Item no.
12.8	5.6	M12	20.0	4-7	12.5	50	CED12
17.7	11.0	M16	21.0	5-9	16.5	50	CED16
20.0	13.4	M20	25.5	8-13	20.5	50	CED20
21.3	15.3	M25	30.5	11-17	25.5	50	CED25
24.6	18.6	M32	38.5	15-20	32.5	25	CED32
29.5	21.7	M40	48.5	19-28	40.5	25	CED40
34.8	25.0	M50	60.5	27-35	50.5	10	CED50

Not suitable for AFS.



Cable anchorage glands, CAG

Description:	Two-component grommet with membrane seal and cable anchorage. The installation does not require tools, it is self-adjusting to its surrounding wall thickness and click-fixed in place. Because of its compact design it only extends 5.7 mm outside the enclosure on which it is mounted. The "pushout" membrane is a permanent seal until it is penetrated by a cable or pipe. Suitable for holes in materials of 0.7 to 3 mm thickness.
Material:	TPE and polyamide 66, halogen free.
Temperature resistance:	-20 °C to +125 °C.
Finish:	RAL 7035.
Protection:	IP 67,65, waterproof.
Pack quantity:	50 pieces.

H	H2	Metric	Diameter	Cable diameter (mm)	Hole diameter (mm)	Item no.
17-20	5.7	M20	34-37	7-11	20.5	CAG20
17-20	5.7	M25	39-42	7-13	25.5	CAG25

Not suitable for AFS.

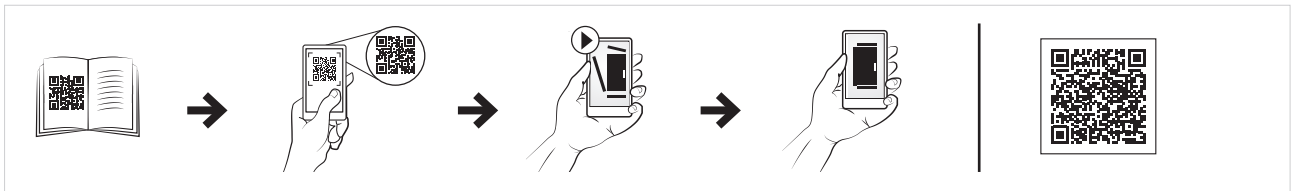


Wall Mounted Steel Range Accessories

Earthing cables, ECFA

- Description:** For earthing between metallic parts.
- Material:** 6 mm² copper wire (yellow-green).
- Pack quantity:** 10 pieces.
- Mounting requirement:** Add connection set ECF for fixing cable to painted frame.

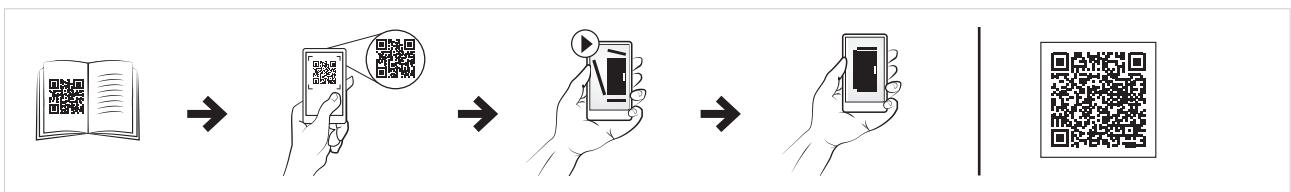
Length	Connection size	Item no.
220 mm	M6 / M8	ECFA220
300 mm	M8 / M8	ECFA300



Earthing strap, ECFE

- Description:** For earthing and potential compensation between panels, parts and the enclosure's frame.
- Length:** 300 mm.
- Material:** Tinned electrolytic copper 0.15 mm wire.
- Working temperature:** Up to 105 °C.
- Pack quantity:** 10 pieces.
- Mounting requirement:** Add ECF connection set for fixing strap to painted frame.

Cross sectional area	Holes diam.	Current (A)	Item no.
16 mm ²	8.5	120 A	ECFE1630
25 mm ²	10.5	150 A	ECFE2530



Earthing connection for panels, ECP

Description: Earthing connection for fixing the earthing straps and cables to panels, mounting plates or profiles.

Pack quantity: 10 sets.

Size	Item no.
M6	ECP06
M8	ECP08



Wall Mounted Steel Range Accessories

Rain hood, ARF

- Description:** To be fitted as an outdoor shelter on single mounted enclosures. The roof is slightly sloped and has a dripstrip. Machining is required. It increases the enclosure dimension in H:60 mm, D:20 mm and W:20 mm.
- Material:** 1.5 mm mild steel.
- Finish:** RAL 7035 structured powder coating.
- Pack quantity:** 1 rain hood with mounting accessories.
- Additional information or notes:** If the rain hood is exposed to high levels of UV radiation, the ARF should be coated with 100% polyester paint. This can be ordered as a special accessory.

For enclosure		
W	D	Item no.
250	155	ARF02515R5
250	210	ARF02521R5
300	155	ARF03015R5
300	210	ARF03021R5
400	155	ARF04015R5
400	210	ARF04021R5
400	260	ARF04026R5
400	300	ARF04030R5
500	155	ARF05015R5
500	210	ARF05021R5
500	260	ARF05026R5
500	300	ARF05030R5
600	210	ARF06021R5
600	260	ARF06026R5
600	300	ARF06030R5
600	400	ARF06040R5
800	210	ARF08021R5
800	260	ARF08026R5
800	300	ARF08030R5
800	400	ARF08040R5
1000	300	ARF10030R5
1200	300	ARF12030R5

Not suitable for AFS.



Rain hood, ASST

Description: To be fitted as an outdoor shelter on stainless steel wall mounted enclosures. The roof is slightly sloped and has a drip strip. Machining is required. Dimensions of the enclosure will be increased by H: 60 mm, W: 20 mm and D: 20 mm.

Material: AISI 304 / AISI 316L pre-grained stainless steel.

Finish: 240s pre-grained stainless steel (average 0.5 micron).

Pack quantity: 1 rain hood with mounting material.

For enclosure			
W	D		Item no.
400	210		ASST042
400	210		ASST042-316
600	210		ASST062
600	210		ASST062-316
600	300		ASST063
600	300		ASST063-316
800	300		ASST083
800	300		ASST083-316
800	400		ASST084
800	400		ASST084-316
1000	300		ASST103
1000	300		ASST103-316
1200	300		ASST123
1200	300		ASST123-316
1200	400		ASST124
1200	400		ASST124-316

Not suitable for AFS.





Wall Mounted | Polyester Range

The enclosures in the wall mounted polyester range, with a single door, are made of light grey, RAL 7035, hot moulded fibreglass reinforced polyester, dyed in mass.

Fibreglass reinforced polyester has excellent corrosion and chemical resistance properties, it can withstand tough environments and is highly impact resistant. Thus, the enclosures in this range are the ideal choice for corrosive environments in both indoor and outdoor applications. Examples of where polyester enclosures are used include commercial applications such as car wash stations, industrial applications such as petrochemical plants, and utilities such as water treatment plants.

The enclosures are self-extinguishing and halogen free, with an insulation voltage of $U_i = 1000$ V. The range has been designed to comply with the standard for empty enclosures, IEC 62208.

Maximum protection for the user and the equipment is achieved thanks to the high protection degree IP 65 and 66 according to IEC 60529, and IK 10 according to IEC 62262.

Two different enclosure versions are available in the polyester range:

- Compact, for stand alone installations;
- Modular, which can be combined.

Each version of the enclosures has its own range of accessories which allows for full adaptation to each specific application.

Both versions have UL certification for the USA, CSA for Canada, GOST and EAC for Russia and others, which makes export easier, especially for machine builders.

Since fibreglass can easily be punched, drilled, filed or sawed, enclosures made from this material are easy to customize. Double insulation protection provides maximum safety for users.

Wall Mounted Enclosures

Polyester Range

Compact

Typical Application | Compact

Public utilities

Oil refineries

Breweries

Shipyards

Photovoltaic energy

Petrochemical industry



The compact fibre-glass polyester range provides maximum protection to the user and equipment. Transparent door enclosures are available to suit those applications where the state of the components that are installed inside the enclosure need to be monitored. A large range of standard sizes and numerous mounting possibilities makes the polyester compact range extremely flexible and versatile.



Railway control

This UCP compact enclosure is used as a railway control panel. It was installed in a control booth close to the railway that controls and monitors all the traffic in the area. Customized cut-outs for buttons and selectors were required on the enclosure door. Other enclosures were installed in various parts of the complete railway to perform similar operations.



Petrochemical industry

These two UCP enclosures are part of the automation process in a petrochemical plant. The state of the components inside the enclosure needs to be checked, which is why transparent door enclosures were used. Cutouts were needed on the bottom part of the enclosure for the entry of cables, and the enclosure fixation was done by using the standard wall mounting brackets for UCP enclosures. Compact enclosures were chosen in this case because of the high ingress protection they offer and because of the harsh environment of the petrochemical industry.



Several direct wall fixing possibilities

Eldon's compact enclosures offer two different options for direct wall mounting using screws only. One is inside the protected space of the enclosure and is easier to handle, while the other one is outside of it providing double insulation protection when being used.



Door-lifter

The compact enclosures from 735 mm height, are equipped with a door-lifter mechanism to ensure the door reaches the centre position when closing. This is specially helpful when heavy electrical components are installed on the enclosure door.



Locking system

Compact enclosures from 515 mm height include a three-point locking system. This ensures a better closing of the enclosure. The new ergonomic closing mechanism reduces the closing force by 25%.



Rain strip included

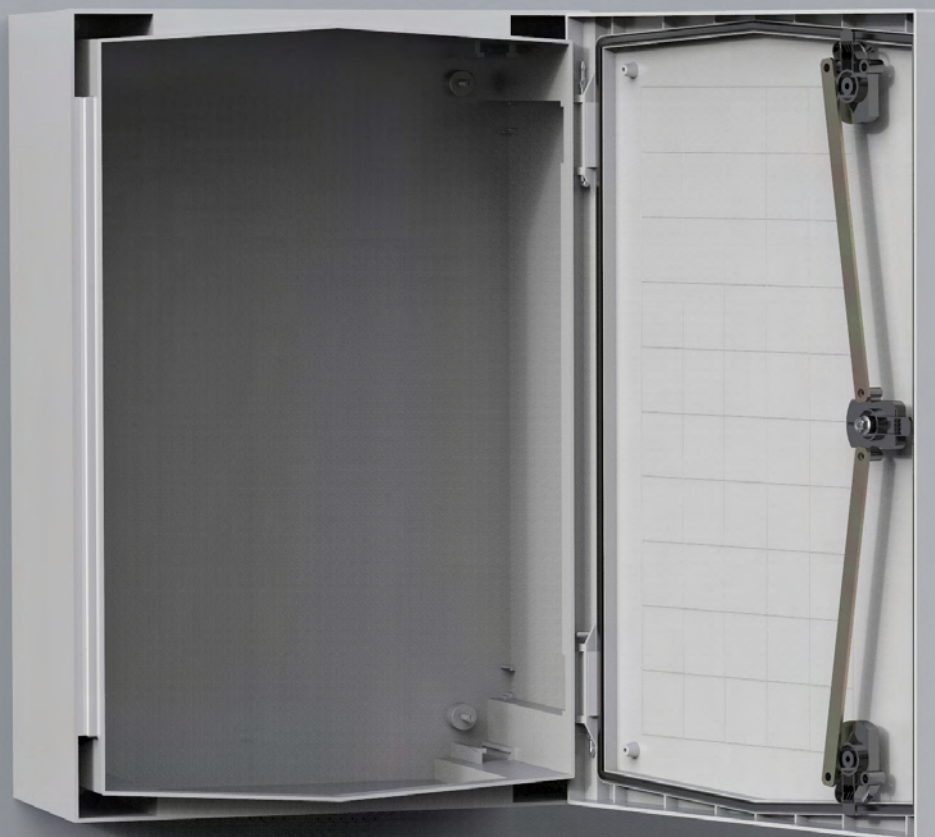
A self-adhesive rain strip for extra protection in outdoor applications is included in the standard delivery of all compact polyester enclosures. This rain strip protects the gasket from weather related agents like rain or UV radiation.

Wall Mounted Enclosures

Polyester Range

Compact, Plain / Transparent door | UCP/UCPT

IP 66 | TYPE 4, 4X, 12, 13 | IK 10 /07



Material:

Fibre-glass reinforced polyester. UCPT viewing area: polycarbonate.

Body:

Monoblock moulded 3 mm thick. Four holes for direct wall fixing. Without gland plate openings.

Door:

Door with or without window and 180° opening. For UCP/UCPT750 and above a door support is supplied for easier closing. Sealing is by an injected one piece polyurethane gasket.

Lock:

Double-bit 3 mm insert and 90° movement. UCP/UCPT540 and above have three locking points. Other locks are available as an accessory.

Temperature resistance:

-50 °C to 70 °C in continuous use (peak temperatures up to 150 °C).

Characteristics:

Self extinguishing and halogen free. Double isolated according to EN61439-1. Rated insulation voltage $U_i=1000$ V.

Protection:

IP 66 | TYPE 4, 4X, 12, 13 and IP 65 only for UCPT430. Impact resistance IK 10 (IK 07 for enclosures with transparent door).

Approvals:

CE, GOST, CSA and cULus_listed approvals apply to plain door enclosures only. For further approvals please contact Eldon's sales department.

Finish:

RAL 7035, precoloured raw material.

Delivery:

Enclosure with door, fixing screws for the mounting plate and a self adhesive rain strip.



Dimensional table | UCP/UCPT

IP 66 | TYPE 4, 4X, 12, 13 | IK 10 /07

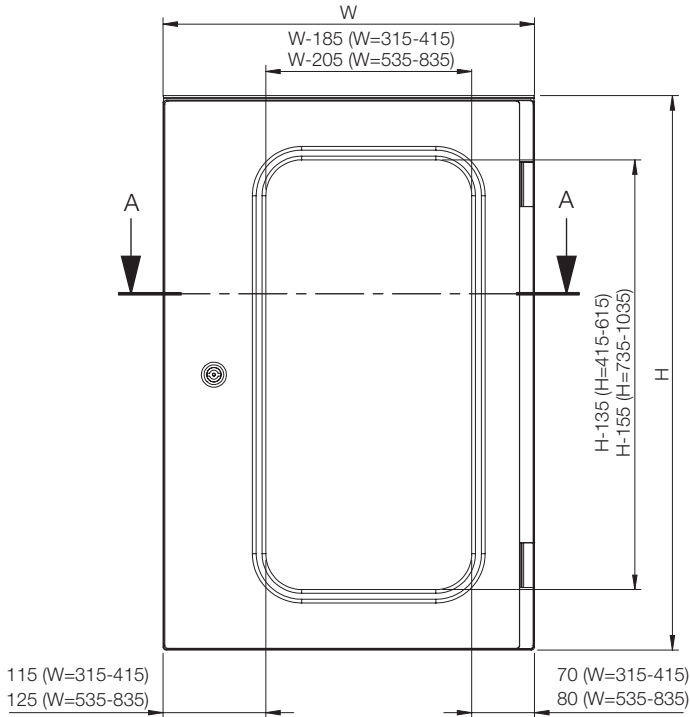
Plain door

Enclosure dimensions				
H	W	D	N° of locking points	Item no.
315	215	170	1	UCP320
415	315	170	1	UCP430
515	415	230	3	UCP540
615	415	230	3	UCP640
735	535	270	3	UCP750
835	635	300	3	UCP860
1035	835	300	3	UCP1080

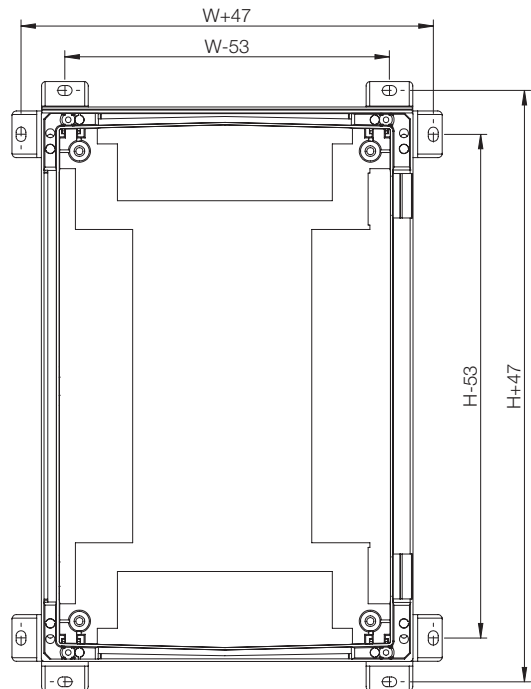
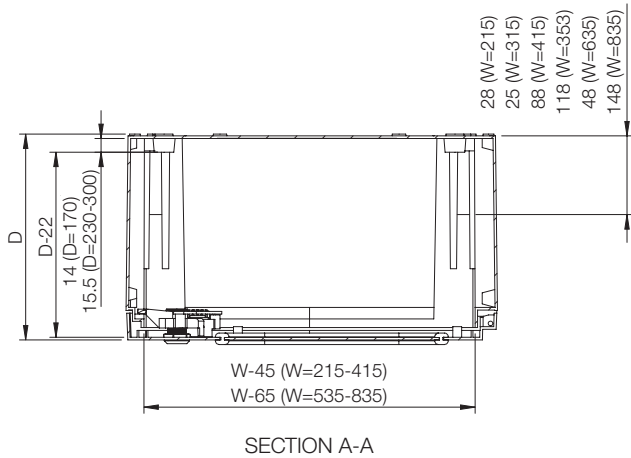
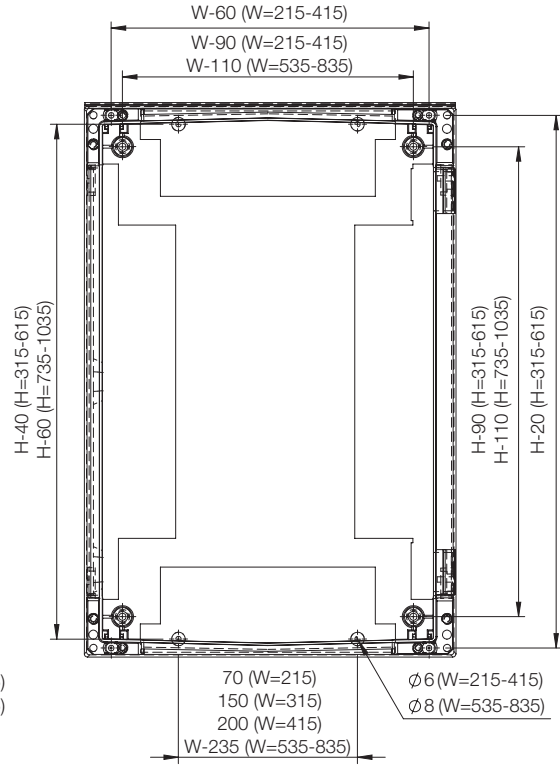
Transparent door

Enclosure dimensions				
H	W	D	N° of locking points	Item no.
415	315	170	1	UCPT430
515	415	230	3	UCPT540
615	415	230	3	UCPT640
735	535	270	3	UCPT750
835	635	300	3	UCPT860
1035	835	300	3	UCPT1080


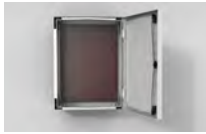


Front view







Inside enclosure view



Accessories selection matrix | UCP/UCPT

							
Enclosure	Mounting						
	H	W	D	Steel mounting plate	Insulated mounting plate	Telequick mounting plate	Depth adjustment kit
UCP320	315	215	170	UMPZ320	UMPP320	UMPT320	UCD01
UCP430	415	315	170	UMPZ430	UMPP430	UMPT430	UCD01
UCP540	515	415	230	UMPZ540	UMPP540	UMPT540	UCD01
UCP640	615	415	230	UMPZ640	UMPP640	UMPT640	UCD01
UCP750	735	535	270	UMPZ750	UMPP750	UMPT750	UCD01
UCP860	835	635	300	UMPZ860	UMPP860	UMPT860	UCD01
UCP1080	1035	835	300	UMPZ1080	UMPP1080	UMPT1080	UCD01
UCPT430	415	315	170	UMPZ430	UMPP430	UMPT430	UCD01
UCPT540	515	415	230	UMPZ540	UMPP540	UMPT540	UCD01
UCPT640	615	415	230	UMPZ640	UMPP640	UMPT640	UCD01
UCPT750	735	535	270	UMPZ750	UMPP750	UMPT750	UCD01
UCPT860	835	635	300	UMPZ860	UMPP860	UMPT860	UCD01
UCPT1080	1035	835	300	UMPZ1080	UMPP1080	UMPT1080	UCD01

								
Enclosure	Fixing							Ventilation
	H	W	D	Stainless steel brackets	Polyamide brackets	Pole fixation	Air ventilation grids	
UCP320	315	215	170	UWMB11	UWMB12	EPF0300	UPVD01	
UCP430	415	315	170	UWMB11	UWMB12	EPF0300	UPVD01	
UCP540	515	415	230	UWMB11	UWMB12	EPF0400	UPVD01	
UCP640	615	415	230	UWMB11	UWMB12	EPF0400	UPVD01	
UCP750	735	535	270	UWMB11	UWMB12	EPF0500	UPVD01	
UCP860	835	635	300	UWMB11	UWMB12	EPF0600	UPVD01	
UCP1080	1035	835	300	UWMB11	UWMB12	EPF0800	UPVD01	
UCPT430	415	315	170	UWMB11	UWMB12	EPF0300	UPVD01	
UCPT540	515	415	230	UWMB11	UWMB12	EPF0400	UPVD01	
UCPT640	615	415	230	UWMB11	UWMB12	EPF0400	UPVD01	
UCPT750	735	535	270	UWMB11	UWMB12	EPF0500	UPVD01	
UCPT860	835	635	300	UWMB11	UWMB12	EPF0600	UPVD01	
UCPT1080	1035	835	300	UWMB11	UWMB12	EPF0800	UPVD01	

02

Wall Mounted Enclosures



Mounting

Enclosure				Mounting			
	H	W	D	Mounting frame	Cover plate with cut-outs	Plain cover plate	Hinges
UCP320	315	215	170	UMF3202	UFCP3201	UFCP3200	UHS01
UCP430	415	315	170	UMF4302	UFCP4301	UFCP4300	UHS01
UCP540	515	415	230	UMF5403	UFCP5401	UFCP5400	UHS01
UCP640	615	415	230	UMF6403	UFCP6401	UFCP6400	UHS01
UCP750	735	535	270	UMF7503	UFCP7501	UFCP7500	UHS01
UCP860	835	635	300	UMF8604	UFCP8601	UFCP8600	UHS01
UCP1080	1035	835	300	UMF10805	UFCP1081	UFCP6400	UHS01
UCPT430	415	315	170	UMF4302	UFCP4301	UFCP4300	UHS01
UCPT540	515	415	230	UMF5403	UFCP5401	UFCP5400	UHS01
UCPT640	615	415	230	UMF6403	UFCP6401	UFCP6400	UHS01
UCPT750	735	535	270	UMF7503	UFCP7501	UFCP7500	UHS01
UCPT860	835	635	300	UMF8604	UFCP8601	UFCP8600	UHS01
UCPT1080	1035	835	300	UMF10805	UFCP1081	UFCP1080	UHS01



Wall Mounted Polyester Range

Accessories

Steel mounting plate, UMPZ

Description: Steel mounting plate for UCP/UCPT enclosures.
Material: 2 mm galvanized steel.
Pack quantity: 1 piece.

For enclosure		Mounting plate dimensions		Item no.
H	W	h	w	
315	215	250	150	UMPZ320
415	315	350	250	UMPZ430
515	415	450	350	UMPZ540
615	415	550	350	UMPZ640
735	535	650	450	UMPZ750
835	635	750	550	UMPZ860
1035	835	950	750	UMPZ1080



Insulated mounting plate, UMPP

Description: Insulated mounting plate for UCP/UCPT enclosures.
Material: 5 mm pertinax.
Pack quantity: 1 piece.

For enclosure		Mounting plate dimensions		Item no.
H	W	h	w	
315	215	250	150	UMPP320
415	315	350	250	UMPP430
515	415	450	350	UMPP540
615	415	550	350	UMPP640
735	535	650	450	UMPP750
835	635	750	550	UMPP860
1035	835	950	750	UMPP1080



Telequick mounting plate, UMPT

Description: Telequick mounting plate for UCP/UCPT enclosures.
Material: 1.5 mm perforated steel.
Pack quantity: 1 piece.

For enclosure		Mounting plate dimensions		Item no.
H	W	h	w	
315	215	250	150	UMPT320
415	315	350	250	UMPT430
515	415	450	350	UMPT540
615	415	550	350	UMPT640
735	535	650	450	UMPT750
835	635	750	550	UMPT860
1035	835	950	750	UMPT1080



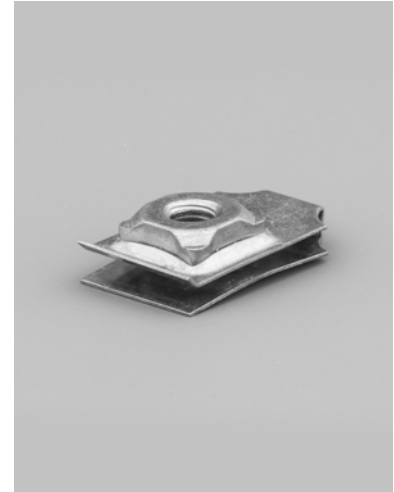
Snap nuts for telequick plates, TN

Description: Nuts to be used in the telequick mounting plates.

Pack quantity: 50 pieces.

Thread	Item no.
M4	TN04
M5	TN05
M6	TN06

Not suitable for AFS.



Depth adjustment kit, UCD

Description: To provide depth adjustment for the mounting plate and other accessories.

Pack quantity: 4 pieces and mounting accessories.

Item no.
UCD01



Mounting frame, UMF

Description: For easy mounting of DIN-rail components. The DIN-rails are adjustable in height.

Material: Galvanized steel.

Delivery: Vertical profiles, reinforced DIN-rails, supporting brackets and mounting accessories.

For enclosure				
H	W	N° of modules	N° of DIN rails	Item no.
315	215	12	2	UMF3202
415	315	24	2	UMF4302
515	415	54	3	UMF5403
615	415	54	3	UMF6403
735	535	88	4	UMF7503
835	635	96	4	UMF8604
1035	835	180	5	UMF10805



Wall Mounted Polyester Range Accessories

Cover plate with DIN cut-outs, UFCP

- Description:** Front cover plate with cut-outs for DIN components. The mounting frame with DIN rails UMFxxxx must be ordered separately.
- Material:** Polyester.
- Finish:** RAL 7035.
- Delivery:** Cover plate, supporting brackets, one quarter turn fasteners and mounting accessories.

Enclosure dimensions		Usable depth		N° of modules	N° of rows	Item no.
H	W	d				
315	215	125		12	2	UFCP3201
415	315	150		24	2	UFCP4301
515	415	150		54	3	UFCP5401
615	415	150		54	3	UFCP6401
735	535	150		88	4	UFCP7501
835	635	150		96	4	UFCP8601
1035	835	150		180	5	UFCP1081



Frame for individual cover plates, UFCP

- Description:** Frame to be covered with individual cover plates UICP. For enclosures 600 and 800 mm wide it has 2 columns.
- Material:** Polyester.
- Finish:** RAL 7035.
- Delivery:** Frame, supporting brackets, one quarter turn fasteners and mounting accessories.

For enclosure		Frame	N° Individual cover plates	Item no.
H	W			
415	315	F1	2	UFCP4302
515	415	F1	3	UFCP5402
615	415	F1	3	UFCP6402
735	535	F1	4	UFCP7502
835	635	F2	8	UFCP8602
1035	835	F2	10	UFCP1082

F1= Single; F2= Double.



Plain individual cover plate, UICP

Description:	Individual plain cover plate to be mounted in the frame UFPC I, the height of the cover is 150 mm.
Material:	PVC.
Finish:	RAL 7035.
Delivery:	1 piece with mounting accessories.

For enclosure		Cover plate dimension		Item no.
H	W	h	w	
415 / 835	315 / 635	150	239	UICP4300
515	415	150	322	UICP5400
615 / 1035	415 / 835	150	335	UICP6400
735	535	150	423	UICP7500

UICP4300 and UICP6400 can be fixed in both enclosure sizes displayed.



Slotted individual cover plate, UICP

Description:	Individual slotted cover plate to be mounted in the frame UFPC, the height of the cover is 150 mm.
Material:	PVC.
Finish:	RAL 7035.
Delivery:	1 piece with mounting accessories.

For enclosure		Cover plate dimension		N° of modules	Item no.
H	W	h	w		
415 / 835	315 / 635	150	239	12	UICP4301
515	415	150	322	17	UICP5401
615 / 1035	415 / 835	150	335	18	UICP6401
735	535	150	423	22	UICP7501

UICP4301 and UICP6401 can be fixed in both enclosure sizes displayed.



Wall Mounted Polyester Range Accessories

Plain full cover plate, UFCP

- Description:** Plain front cover plate to protect the equipment mounted in the enclosure. The cover plate can be hinged using the UHS accessory while will allow the user to gain access to components and/or cable management without having to remove the cover plate.
- Material:** Polyester.
- Finish:** RAL 7035.
- Delivery:** Cover plate, supporting brackets, one quarter turn fasteners and mounting accessories.

For enclosure		Cover plate dimension		Item no.
H	W	h	w	
315	215	250	122	UFCP3200
415	315	350	222	UFCP4300
515	415	450	322	UFCP5400
615	415	550	322	UFCP6400
735	535	660	422	UFCP7500
835	635	760	522	UFCP8600
1035	835	960	722	UFCP1080



Hinge support, UHS

- Description:** To be used with a closed cover plate if a hinged inner door is required (UFCP).
- Delivery:** 2 pieces with mounting accessories.

Item no.
UHS01



Wall mounting brackets, UWMB

Description: Mounting brackets for wall fixing UCP enclosures. It gives a clearance of 20 mm between the enclosure and the wall.

Pack quantity: 4 brackets with mounting accessories.

Material	Item no.
304L Stainless Steel	UWMB11
Polyamide	UWMB12



Enclosure pole fixation, EPF

Description: Accessory to fix enclosures onto poles. Maximum load of 900 N.

Material: Galvanized steel.

Minimum pole diameter: 80 mm.

Maximum pole diameter: 250 mm.

Pack quantity: 2 profiles, 2 circular mounting strips for pole attachment and mounting accessories.

For Enclosure (W)		Item no.
UCP	UDP	
315		EPF0300
415	500 in horizontal position	EPF0400
535		EPF0500
635	500 in horizontal position, 750 in vertical position	EPF0600
835		EPF0800



Wall Mounted Polyester Range Accessories

Handles, UDH

Description: Handle to replace the standard lock in UCP/UCPT enclosures. For the handle UDH2C, UDH2CS and UDH3C, machining is required.

Delivery: 1 piece with mounting accessories.

Description	Item no.
Neutral handle	UDH0C
Handle with key E2432	UDH1C
Handle for half cylinder	UDH2C
Small handle for half cylinder*	UDH2CS
Handle for pad-locking	UDH3C

To be used for UCP320/UCP430.



Air ventilation grids IP 44, UPVD

Description:	For ventilating the enclosures. Can be concealed if mounted on the inside panel of the double walled corner. Machining is required (hole 34.9 mm diameter).
Material:	Polyester.
Protection degree:	IP 44.
Pack quantity:	2 pieces.

Item no.
UPVD01



Wall Mounted Enclosures

Polyester Range

Modular

Typical Application | Modular

- Public utilities
- Oil refineries
- Breweries
- Shipyards
- Photovoltaic energy
- Petrochemical industry



The modular polyester range allows joining different enclosures together to create larger configurations when needed. Transparent door enclosures are available to suit those applications where the state of the components that are installed inside the enclosure need to be monitored. Modular enclosures have been designed for wall mounting, floor standing and pole fixing.



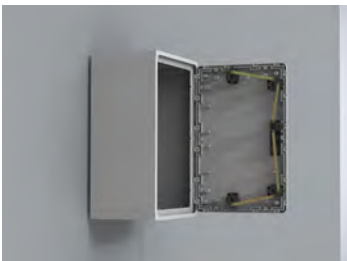
Water treatment plant

Water treatment is, collectively the industrial-scale processes that makes water more acceptable for an end user, which may be drinking, industry or medicine. Control and indication of this process comes from, terminals, switches and other components that are housed inside an electrical enclosure. Eldon's modular UDP enclosures were chosen for this application due to the enclosures excellent corrosion resistance capabilities which is key, in chemical rich environments such as water/wastewater treatment plants. When cut, fibre-glass particles pose a severe health risk if inhaled, Eldon has removed this risk by providing the UDP enclosure pre-cut and drilled, which in turn has also reduced the customers labor costs.



Road traffic lights control

Road light control is placed in enclosures that are deployed on the field next to them. Polyester enclosures are the most common choice for such purpose because of its corrosion resistance capabilities. In this specific situation, Eldon modular UDP enclosures were chosen because of its ability to be coupled together and because they can be anchored to a pedestal, which eases the cabling connections done beneath the ground. Cutouts to install UAV air vents were needed and key cylinders were chosen to be installed in the enclosures' swing handles to prevent undesired access to it.



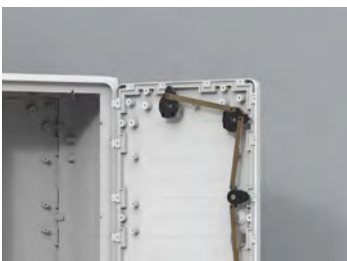
Locking system

Modular enclosures are equipped with a five-point locking system. This ensures a better closing of the enclosure. In addition, they are delivered with a swing-handle suitable for all types of half-cylinder locks.



Wall mounting brackets included

Wall mounting brackets are included in the standard delivery of the modular polyester enclosures for fixation purposes. They are easy to install as no mounting screws are necessary. They can be placed on both vertical or horizontal positions.



Door-lifter

Bigger dimensioned modular enclosures are equipped with a door-lifter mechanism to ensure that the door reaches the centre position when closing.

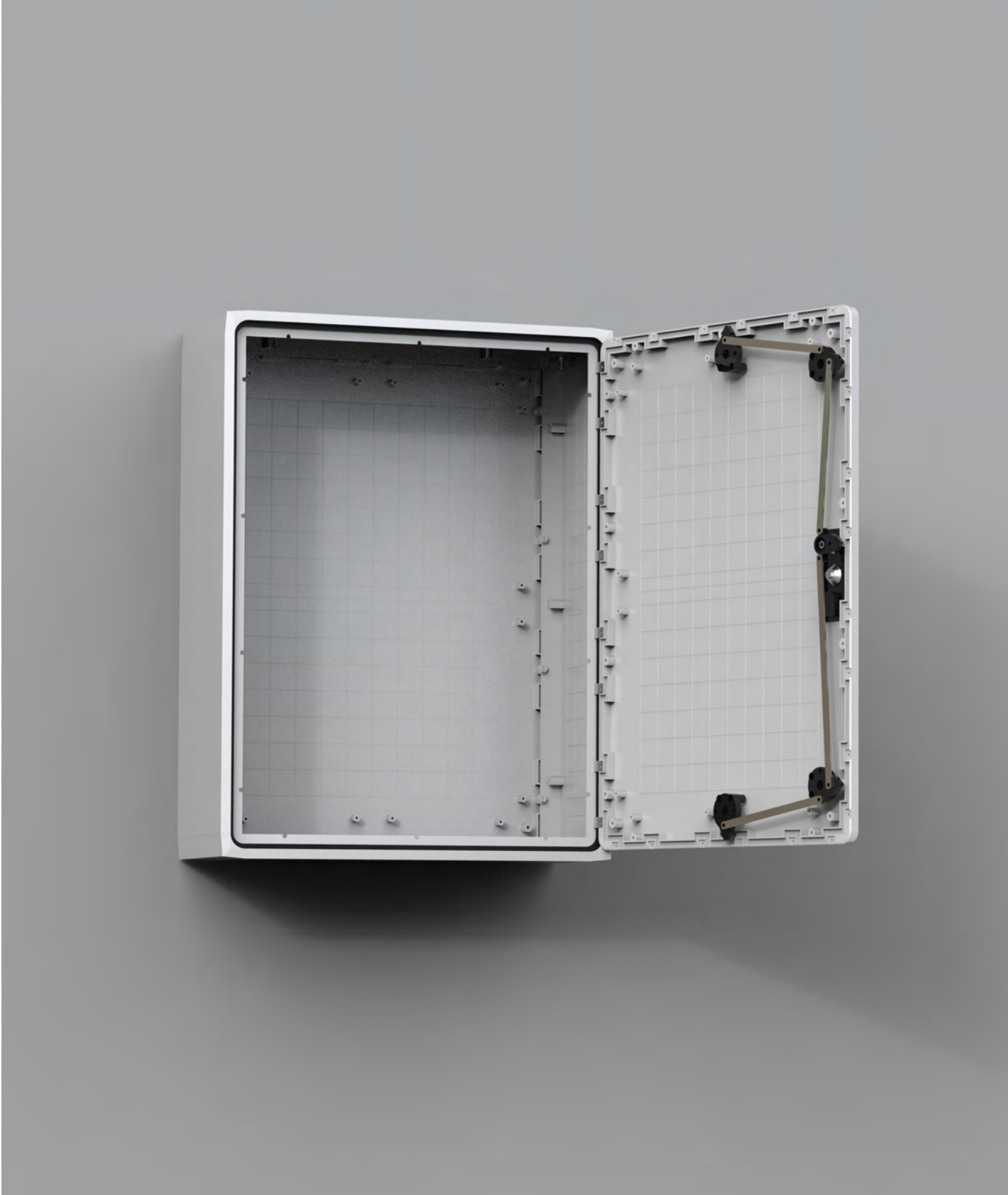


Wide variety of accessories

Eldon's modular polyester enclosures accessories portfolio is very wide. This makes it a range that can suit virtually any application.

Wall Mounted Enclosures
Polyester Range | Polyester
Modular, Plain / Transparent door | UDP/UDPT

IP 65/54 | TYPE 4, 4X, 12, 13 | IK 10/07



**Material:**

Fibre-glass reinforced polyester. UDPT viewing area: polycarbonate.

Body:

Modular moulded, with rear fixing. Direct fixing to the wall or by use of wall mounted brackets, to a pole by use of EPF or to the floor by use of the plinth UPP or DIN-base UAF and UMPS. In single plain door enclosures, sealing is ensured by an EPDM gasket glued against the frame.

Door:

Flush mounted door with or without window and 100° opening. For larger sizes a door support is supplied for easier closing. In double door enclosures, sealing is ensured by an injected one piece polyurethane gasket.

Lock:

Premounted handle suitable for all types of half cylinder locks (standard depth of 40 mm). Five locking points (three points in 500 mm width enclosures).

Temperature resistance:

-50 °C to 70 °C in continuous use (peak temperatures up to 150 °C).

Characteristics:

Self extinguishing and halogen free. Double isolated according to EN61439-1. Rated insulation voltage $U_i=1000$ V.

Protection:

Complies with IP 65 | TYPE 4, 4X, 12, 13 for single and double door enclosures / IP 54 | TYPE 4, 4X, 12, 13 for transparent door enclosures. Impact resistance IK 10 (IK 07 for enclosures with transparent door).

Approvals:

CE, CSA, GOST and cULus_listed. For further approvals, please contact Eldon's sales department.

Finish:

RAL 7035, precoloured raw material.

Delivery:

Enclosure with door, fixing screws for the mounting plate and wall mounting brackets. (Lock cylinder is not included in the delivery).



Dimensional table | UDP/UDPT

IP 65/54 | TYPE 4, 4X, 12, 13 | IK 10/07

Plain single door

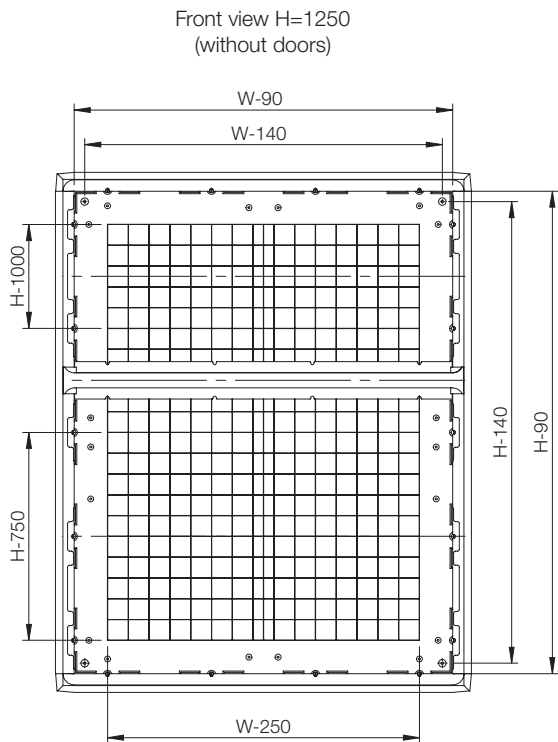
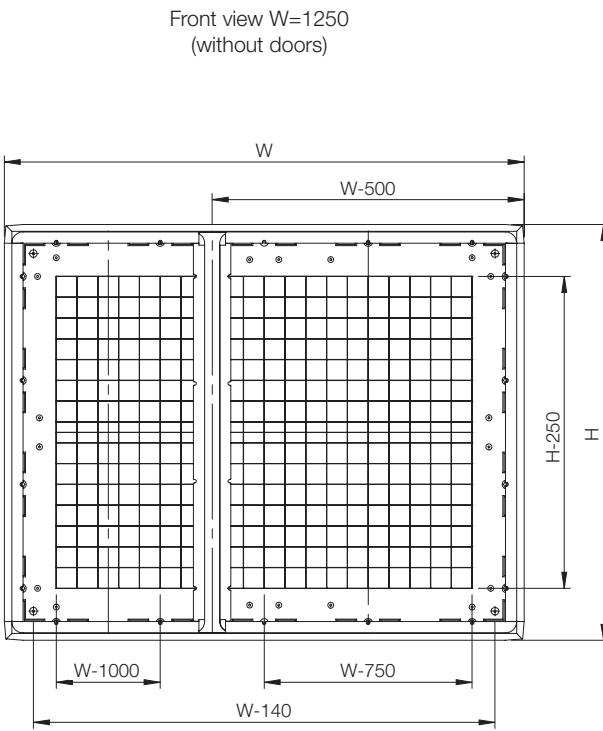
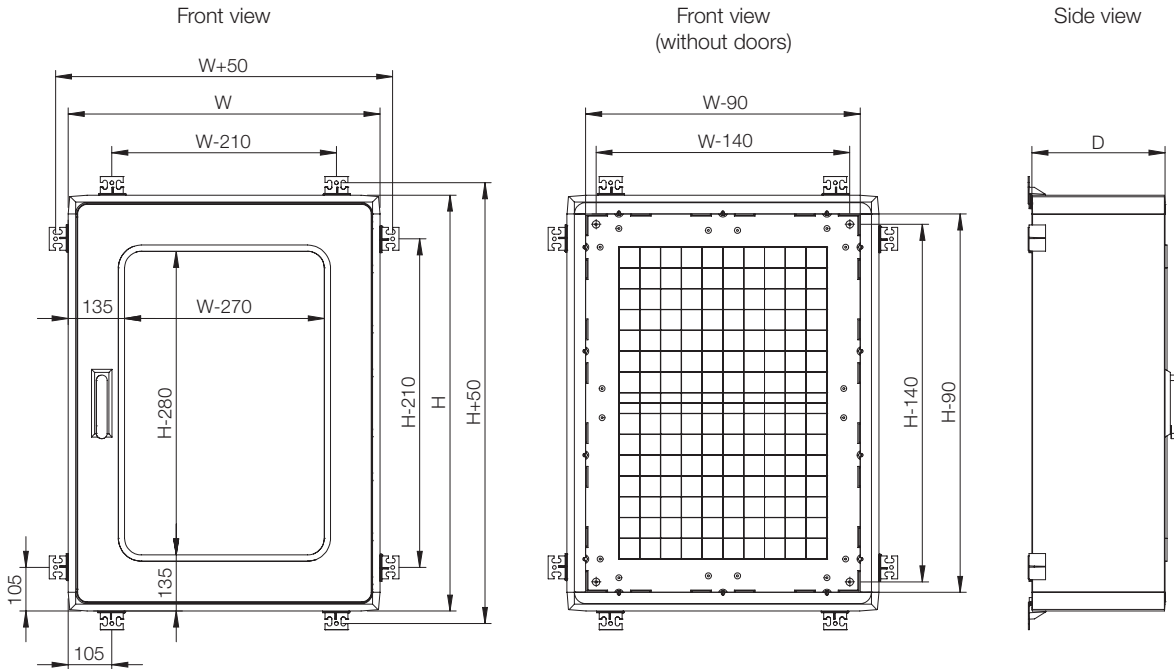
Enclosure dimensions				
H	W	D	N° of doors	Item no.
500	500	320	1	UDP5050
500	750	320	1	UDP5075
750	500	320	1	UDP7550
750	750	320	1	UDP7575
750	1000	320	1	UDP75100
1000	500	320	1	UDP10050
1000	750	320	1	UDP10075
1000	1000	320	1	UDP100100
1250	750	320	1	UDP12575

Plain door


Enclosure dimensions				
H	W	D	N° of doors	Item no.
750	500 + 750	320	2	UDP75125
1000	500 + 500	320	2	UDP100102
1000	500 + 750	320	2	UDP100125
500 + 750	1000	320	2	UDP125100
500 + 750	1000	320	2	UDP125102


Transparent door

Enclosure dimensions				
H	W	D	N° of doors	Item no.
500	500	320	1	UDPT5050
500	750	320	1	UDPT5075
750	500	320	1	UDPT7550
750	750	320	1	UDPT7575
750	1000	320	1	UDPT75100
1000	500	320	1	UDPT10050
1000	750	320	1	UDPT10075
1250	750	320	1	UDPT12575



Accessories selection matrix | UDP/UDPT

Enclosure							
	Mounting						
	H	W	D	Steel mounting plate	Insulated mounting plate	Telequick mounting plate	Mounting profiles
UDP5050	500	500	320	UMPZ5050	UMPP5050	UMPT5050	UMF500
UDP5075	500	750	320	UMPZ5075	UMPP5075	UMPT5075	UMF500
UDP7550	750	500	320	UMPZ5075	UMPP5075	UMPT7550	UMF750
UDP7575	750	750	320	UMPZ7575	UMPP7575	UMPT7575	UMF750
UDP75100	750	1000	320	UMPZ75100	UMPP75100	UMPT75100	UMF750
UDP10050	1000	500	320	UMPZ100500	UMPP10050	UMPT100500	UMF1000
UDP10075	1000	750	320	UMPZ75100	UMPP75100	UMPT10075	UMF1000
UDP100100	1000	1000	320	UMPZ100100	UMPP100100	UMPT100100	UMF1000
UDP12575	1250	750	320	UMPZ75125	UMPP75125	UMPT12575	UMF1250
UDP75125	750	500 + 750	320	UMPZ75125	UMPP75125	UMPT75125	UMF750
UDP100102	1000	500 + 500	320	UMPZ100100	UMPP100100	UMPT100100	UMF1000
UDP100125	1000	500 + 750	320	UMPZ100125	UMPP100125	UMPT100125	UMF1000
UDP125100	500 + 750	1000	320	UMPZ100125	UMPP100125	UMPT125100	UMF1250
UDP125102	500 + 750	1000	320	UMPZ100125	UMPP100125	UMPT125100	UMF1250
UDPT5050	500	500	320	UMPZ5050	UMPP5050	UMPT5050	UMF500
UDPT5075	500	750	320	UMPZ5075	UMPP5075	UMPT5075	UMF500
UDPT7550	750	500	320	UMPZ5075	UMPP5075	UMPT7550	UMF750
UDPT7575	750	750	320	UMPZ7575	UMPP7575	UMPT7575	UMF750
UDPT75100	750	1000	320	UMPZ75100	UMPP75100	UMPT75100	UMF750
UDPT10050	1000	500	320	UMPZ100500	UMPP10050	UMPT100500	UMF1000
UDPT10075	1000	750	320	UMPZ75100	UMPP75100	UMPT10075	UMF1000
UDPT12575	1250	750	320	UMPZ75125	UMPP75125	UMPT12575	UMF1250

Enclosure							
	Fixing						
	H	W	D	Pole fixation	Adaptor frame for DIN-base	DIN-base	Plinth
UDP5050	500	500	320	EPF0400/EPF0600	-	-	UPP5032
UDP5075	500	750	320	EPF0600	UAF7532	UMPS7532	UPP7532
UDP7550	750	500	320	EPF0400/EPF0600	-	-	UPP5032
UDP7575	750	750	320	EPF0600	UAF7532	UMPS7532	UPP7532
UDP75100	750	1000	320	-	UAF10032	UMPS10032	UPP10032
UDP10050	1000	500	320	EPF0400/EPF0600	-	-	UPP5032
UDP10075	1000	750	320	EPF0600	UAF7532	UMPS7532	UPP7532
UDP100100	1000	1000	320	-	UAF10032	UMPS10032	UPP10032
UDP12575	1250	750	320	EPF0600	UAF7532	UMPS7532	UPP7532
UDP75125	750	500 + 750	320	-	-	-	UPP12532
UDP100102	1000	500 + 500	320	-	UAF10032	UMPS10032	UPP10032
UDP100125	1000	500 + 750	320	-	-	-	UPP12532
UDP125100	500 + 750	1000	320	-	UAF10032	UMPS10032	UPP10032
UDP125102	500 + 750	1000	320	-	UAF10032	UMPS10032	UPP10032
UDPT5050	500	500	320	EPF0400/EPF0600	-	-	UPP5032
UDPT5075	500	750	320	EPF0600	UAF7532	UMPS7532	UPP7532
UDPT7550	750	500	320	EPF0400/EPF0600	-	-	UPP5032
UDPT7575	750	750	320	EPF0600	UAF7532	UMPS7532	UPP7532
UDPT75100	750	1000	320	-	UAF10032	UMPS10032	UPP10032
UDPT10050	1000	500	320	EPF0400/EPF0600	-	-	UPP5032
UDPT10075	1000	750	320	EPF0600	UAF7532	UMPS7532	UPP7532
UDPT12575	1250	750	320	EPF0600	UAF7532	UMPS7532	UPP7532

02

Wall Mounted Enclosures

Enclosure	H	W	D	Doors		Protection	Ventilation	Baying
				Inner door	Door stop	Rainhood	Air ventilation grids	Depth extension kit
UDP5050	500	500	320	UID5050	-	URH5032	UAV01	UDE5050
UDP5075	500	750	320	UID5075	UDS01/UDS02	URH7532	UAV01	UDE5075
UDP7550	750	500	320	UID7550	-	URH5032	UAV01	UDE7550
UDP7575	750	750	320	UID7575	UDS01/UDS02	URH7532	UAV01	UDE7575
UDP75100	750	1000	320	-	UDS01/UDS02	URH10032	UAV01	UDE75100
UDP10050	1000	500	320	UID10050	-	URH5032	UAV01	UDE10050
UDP10075	1000	750	320	UID10075	UDS01/UDS02	URH7532	UAV01	UDE10075
UDP100100	1000	1000	320	-	UDS01/UDS02	URH10032	UAV01	UDE100100
UDP12575	1250	750	320	-	UDS01/UDS02	URH7532	UAV01	UDE12575
UDP75125	750	500 + 750	320	-	UDS01/UDS02	URH12532	UAV01	UDE75125
UDP100102	1000	500 + 500	320	-	-	URH10032	UAV01	UDE100100
UDP100125	1000	500 + 750	320	-	UDS01/UDS02	URH12532	UAV01	UDE100125
UDP125100	500 + 750	1000	320	-	UDS01/UDS02	URH10032	UAV01	UDE125100
UDP125102	500 + 750	1000	320	-	UDS01/UDS02	URH10032	UAV01	UDE125100
UDPT5050	500	500	320	UID5050	-	URH5032	UAV01	UDE5050
UDPT5075	500	750	320	UID5075	UDS01/UDS02	URH7532	UAV01	UDE5075
UDPT7550	750	500	320	UID7550	-	URH5032	UAV01	UDE7550
UDPT7575	750	750	320	UID7575	UDS01/UDS02	URH7532	UAV01	UDE7575
UDPT75100	750	1000	320	-	UDS01/UDS02	URH10032	UAV01	UDE75100
UDPT10050	1000	500	320	UID10050	-	URH5032	UAV01	UDE10050
UDPT10075	1000	750	320	UID10075	UDS01/UDS02	URH7532	UAV01	UDE10075
UDPT12575	1250	750	320	-	UDS01/UDS02	URH7532	UAV01	UDE12575



Wall Mounted Polyester Range Accessories

Steel mounting plate, UMPZ

Description: Steel mounting plate for UDP/UDPT enclosures.
Material: 2 mm galvanized steel.
Pack quantity: 1 piece.

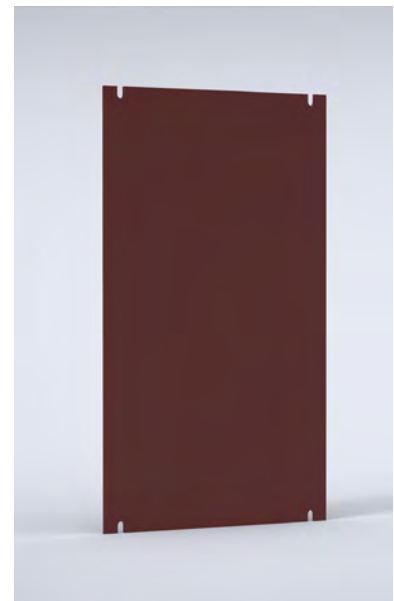
For enclosure		Mounting plate dimensions		Item no.
H or W	W or H	h or w	w or h	
500	500	390	390	UMPZ5050
500	750	640	390	UMPZ5075
750	750	640	640	UMPZ7575
750	1000	890	640	UMPZ75100
750	1250	1140	640	UMPZ75125
1000	500	390	890	UMPZ100500
1000	1000	890	890	UMPZ100100
1000	1250	1140	890	UMPZ100125



Insulated mounting plate, UMPP

Description: Insulated mounting plate for UDP/UDPT enclosures.
Material: 5 mm pertinax.
Pack quantity: 1 piece.

For enclosure		Mounting plate dimensions		Item no.
H or W	W or H	h or w	w or h	
500	500	390	390	UMPP5050
500	750	640	390	UMPP5075
750	750	640	640	UMPP7575
750	1000	890	640	UMPP75100
750	1250	1140	640	UMPP75125
1000	500	390	890	UMPP10050
1000	1000	890	890	UMPP100100
1000	1250	1140	890	UMPP100125



Telequick mounting plate, UMPT

Description: Telequick mounting plate for UDP/UDPT enclosures.

Material: 2 mm perforated steel.

Pack quantity: 1 piece.

For enclosure		Mounting plate dimensions		Item no.
H	W	h	w	
500	500	390	390	UMPT5050
500	750	390	640	UMPT5075
750	500	640	390	UMPT7550
750	750	640	640	UMPT7575
750	1000	640	890	UMPT75100
750	1250	640	1140	UMPT75125
1000	500	890	390	UMPT100500
1000	750	890	640	UMPT10075
1000	1000	890	890	UMPT100100
1000	1250	890	1140	UMPT100125
1250	750	1140	640	UMPT12575
1250	1000	1140	890	UMPT125100



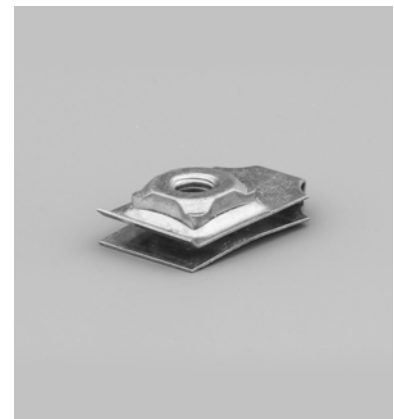
Snap nuts for telequick plates, TN

Description: Nuts to be used in the telequick mounting plates.

Pack quantity: 50 pieces.

Thread	Item no.
M4	TN04
M5	TN05
M6	TN06

Not suitable for AFS.



Depth adjustment kit, UPD

Description: To provide depth adjustment for the mounting plate and other accessories in steps of 12.5 mm.

Material: Galvanized steel.

Delivery: 4 brackets, four depth profiles and mounting accessories.

Item no.
UPD01



Wall Mounted Polyester Range Accessories

Adjustable vertical mounting profiles, UMF

Description: Vertical C-profiles fully adjustable in depth.

Delivery: 4 supporting brackets, 4 depth profiles, 2 vertical C-profiles and mounting accessories.

For enclosure		
H	Length of profile	Item no.
500	468	UMF500
750	718	UMF750
1000	968	UMF1000
1250	1218	UMF1250



02

Wall Mounted Enclosures



2

Wall Mounted Polyester Range Accessories

Wall mounting brackets for enclosures with rain hood, UWB

Description: Wall mounting brackets for UDP enclosures with rainhood. Can be mounted in horizontal position only. Easy mounting without screws, even with the enclosure finished and closed.

Material: Stainless steel AISI 304.

Delivery: 4 brackets and four plastic clips.

Item no.
UWB02



Enclosure pole fixation, EPF

Description: Accessory to fix enclosures onto poles. Maximum load of 900 N.

Material: Galvanized steel.

Minimum pole diameter: 80 mm.

Maximum pole diameter: 250 mm.

Pack quantity: 2 profiles, 2 circular mounting strips for pole attachment and mounting accessories.

For Enclosure (W)		Item no.
UCP	UDP	
415	500 in horizontal position	EPP0400
635	500 in horizontal position, 750 in vertical position	EPP0600



Plinth / Floor mounting frame, UPP

- Description:** Enclosure and plinth are anchored together on the floor. Fixing points for anchoring are marked on the inside bottom panel.
- Material:** Glass fibre reinforced polyester.
- Finish:** RAL 7035.
- Delivery:** Plinth, metal braces M12, U-profiles, counter-profiles and mounting accessories.

For enclosure			
W	D	Plinth h	Item no.
500	320	65	UPP5032
750	320	65	UPP7532
1000	320	65	UPP10032
1250	320	65	UPP12532



Adaptor frame for DIN-base, UAF

- Description:** Enclosure and adaptor frame are anchored on to the DIN-base.
- Material:** Glass fibre reinforced polyester.
- Finish:** RAL 7035.
- Delivery:** 1 piece with mounting accessories.

For enclosure		
W	D	Item no.
750	320	UAF7532
1000	320	UAF10032



Polyester DIN-base, UMPS

- Description:** DIN-base pedestals.
- Material:** Glass fibre reinforced polyester.
- Finish:** RAL 7035.
- Delivery:** 1 piece with mounting accessories.

For enclosure			
H	W	D	Item no.
900	780	310	UMPS7532
900	1110	310	UMPS10032



Wall Mounted Polyester Range

Accessories

Inner door, UID

- Description:** For controls, meters, lamps, etc. Hinges can be mounted to allow left or right hand opening. Lock double-bit 3 mm insert.
- Material:** Glass fibre reinforced polyester.
- Finish:** RAL 7035.
- Protection:** IP 20.
- Delivery:** 1 piece with mounting accessories.

For enclosure		
H	W	Item no.
500	500	UID5050
500	750	UID5075
750	500	UID7550
750	750	UID7575
1000	500	UID10050
1000	750	UID10075



Handles, UDH

- Description:** Handle to replace the standard.
- Delivery:** 1 piece with mounting accessories.

Description	Item no.
For two profile half cylinder locks	UDH02
For pad-locking (max dim. 10 mm)	UDH03



Profile half cylinder locks, LSSU

Description: Profile half cylinder locks. To be used in the swinghandles UDH.

Delivery: 1 piece.

Description	Item no.
Profile half cylinder Ronis key C21323	LSSU521
Profile half cylinder Ronis key 2132E	LSSU5212132E
Profile half cylinder Ronis key 3121E	LSSU5213121E
Square 7mm	LSSU523
Square 8 mm	LSSU524
Triangle 7 mm	LSSU526
Triangle 8 mm	LSSU527
Double-bit 3 mm	LSSU528
Double-bit 5 mm	LSSU529
Daimler Benz	LSSU530

Other key numbers available on request.



Door stop / Panel stop, UDS

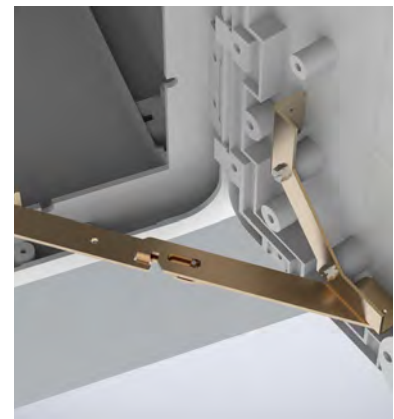
Description: To secure the door/panel in an open position. Mounted directly to the door and body. Machining is not required.

Material: Steel.

Delivery: 1 piece with mounting accessories.

Description	Item no.
Left turning	UDS01
Right turning	UDS02

Valid for enclosures starting with 750 mm width.



Wall Mounted Polyester Range Accessories

Combining kit, UCK

Description: Kit to allow vertical and/or lateral combinations. Machining is required. UCK maintains the enclosures IP rating.

Delivery: Neoprene gasket, combining bolts, protection profiles and mounting accessories.

For enclosure	Usable depth	For enclosure		
D	d	H or W	h or w	Item no.
320	200	500	330	UCK500
320	200	750	580	UCK750
320	200	1000	830	UCK1000
320	200	1250	1080	UCK1250



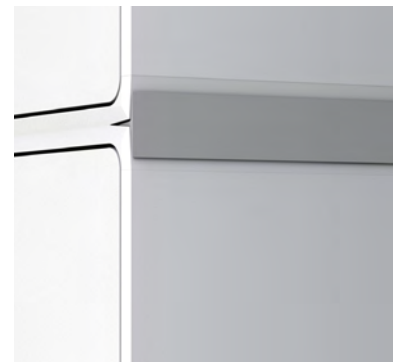
Corner profile, UCP

Description: Fills the corner between two coupled enclosures. Length: 308 mm.

Finish: RAL 7035.

Delivery: 1 piece.

Item no.
UCP01



Depth extension kit, UDE

Description: Increases the standard depth (320 mm) of the enclosure up to 640 mm. When this accessory is used the rain hood cannot be used. UDE maintains the enclosures IP rating.

Finish: RAL 7035.

Delivery: 2 side panels, one top and one bottom panel, two open back panels and mounting accessories.

For enclosure		
H	W	Item no.
500	500	UDE5050
500	750	UDE5075
750	500	UDE7550
750	750	UDE7575
750	1000	UDE75100
750	1250	UDE75125
1000	500	UDE10050
1000	750	UDE10075
1250	750	UDE12575
1000	1000	UDE100100
1000	1250	UDE100125
1250	1000	UDE125100



02

Wall Mounted Enclosures



2

Wall Mounted Polyester Range

Accessories

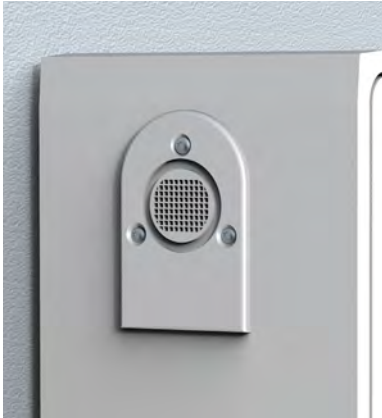
Air vents, UAV

Description: Two air vents must be mounted per enclosure to ensure sufficient air circulation and prevent water condensation. Air vents are preferably mounted in the upper and lower part of the enclosure. Degree protection: IP 44.

Material: Polyamide.

Delivery: Set of 2 pieces with mounting accessories.

Item no.
UAV01



Rain hood, URH

- Description:** Extra protection for outdoor use. Ventilation holes can be drilled in the top of the enclosure. Rain hoods require special wall mounting brackets UWB02. Four fixing points for securing the rain hood are marked off in the top panel. The rain hood cannot be used when the enclosures are joined, some combinations are available on request. Machining is required. When mounted, the enclosure's degree of protection is IP 44.
- Material:** Glass fibre reinforced polyester.
- Finish:** RAL 7035.
- Delivery:** 1 piece with mounting accessories.



For enclosure	
W	Item no.
500	URH5032
750	URH7532
1000	URH10032
1250	URH12532





Wall Mounted | Hygienic Range

The enclosures in the wall mounted hygienic range with a single door, are available in high quality stainless steel, type AISI 304, pregrained, with less than 0.5 microns roughness.

This range is optimized for protection of electrical and electronic equipment in food processing and pharmaceutical applications.

The enclosures in this range have a self-draining design with a 30° sloping roof to prevent tools or other objects from being left or placed on it, and for fluids to drain off rapidly. The all-round external, joint-free and removable silicon seal is easy to replace. The hinges are installed inside the sealing zone to create an exceptionally easy-to-clean design on the outside and eliminate external cavity between the enclosure and its door.

The range has been designed on the same platform as the wall mounted mild and stainless steel enclosures. The versions available can be tailored to customer needs by using the same set of standard accessories. An additional set of dedicated hygienic design accessories is also available, enabling customers to tailor the enclosure to their specific needs.

This enclosure range has been designed to comply with the relevant standard for empty enclosures, IEC 62208, and is regularly audited by the independent laboratory DEKRA which allows Eldon to put the KEMA-KEUR mark in the enclosures.

Maximum protection for the user and the equipment is achieved thanks to the high protection degree IP 66 according to IEC 60529, IP 69K according to DIN 40050-9, and IK 10 according to IEC 62262.

The range also meets European legislation, the EU Machinery Directive 2006/42/EC, the norms EN 1672-2, and EN ISO 14159, which provide the legal framework for machinery safety and hygienic design for all machines brought into the European market. Eldon's hygienic range adheres to the EHEDG Guideline 13 relating to the hygienic design of apparatus for open processes and Guideline 8 relating to hygienic equipment design criteria.

All enclosures in the range have UL certification for the USA, CSA for Canada, GOST and EAC for Russia and others, which makes export easier, especially for machine builders.

Wall Mounted Enclosures

Hygienic Design Range

Stainless Steel HD

Typical Application | Stainless Steel HD

Food and Beverage

Pharmaceutical



The Eldon HD range is designed and constructed with special materials for high sanitary operations and ease of thorough cleaning. The design, gapless and with self drainable surfaces, helps to reduce non operative hours, such as cleaning and maintenance, which leads to increased productivity.



Food and beverage

Eldon's Hygienic design is the ideal solution for manufacturers of food processing and packaging machinery who need to react to a more demanding regulatory environment. This environment has triggered the implementation of hygienic design principles in food capital equipment. Further more, the HD range can maximize productivity for the end-user.



30° sloping roof

The enclosure is designed with a 30° sloping roof that allows liquids to easily drain. In addition all enclosure surfaces are self drainable incorporating an angle that prevent liquid stagnation.



Smart hinges, and hygiene-compliant lock inserts

The HD hinges are externally mounted maximizing the internal space for components in the enclosure. Covered by an all-round seal that fulfils HD principles.



All-round removable gap-free blue silicone seal

The enclosure incorporates a one piece silicon gasket that creates a continuous surface between the enclosure body and door avoiding gaps and dead ends where bacteria could grow. The gasket can be removed for periodical maintenance and is easily exchangeable in case of being damaged.



Designed to comply with Hygienic design regulation

The enclosure design follows the principles stated in EC Directive 2006/42/EC, EN 1672-2 and EN ISO 14159. Furthermore is EHEDG certified according to the guidelines 8 ad 13.

Wall Mounted
Hygienic Design Range
Single door | HDW

IP 66/69K | TYPE 4X, 12, 13 | IK 10



Material:

Body: 1.5 mm.
 Door: 2 mm AISI 304 pre-grained stainless steel.
 Mounting plate: 2 mm galvanized steel.

Body:

Monoblock body, folded and seam welded. The top of the body is equipped with a sloping roof at an angle of 30 degrees sloping towards the front, giving a 30 mm overhang to remove any liquids away from the door. Folded and seam welded.

Door:

Corner formed in one piece with an sloping angle of 8°. Surface mounted with 120° opening. Can be mounted to give left or right hand opening.

Gasket:

Sealing is ensured by an all-round removable blue silicon gasket
 FDA 21 CFR 177.2600 compliant.

Lock:

HD lock made of stainless steel AISI 316L with blue silicon gasket.

Mounting plate:

Fixed onto M8 studs welded to the rear of the enclosure. In enclosures with height or width of 800 mm or more, the mounting plate has a fold to all four sides for extra rigidity.

Cable access:

No gland openings as standard.

Protection:

Corresponds with IP 66, 69K | TYPE 4X, 12, 13 | IK 10.

Approvals:

CE, GOST, cULus_listed,

Finish:

240s pre grained stainless steel (average 0.5 micron).

Delivery:

Enclosure with door, mounting plate, metallic key and mounting accessories.

Additional information or notes:

Please see our general accessories section.

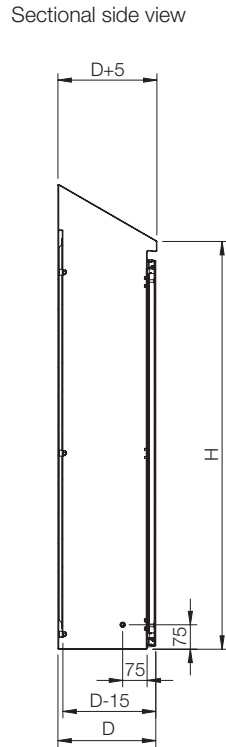
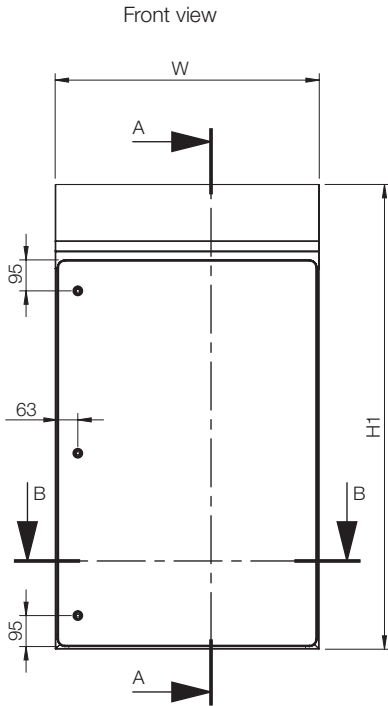


Dimensional table | HDW

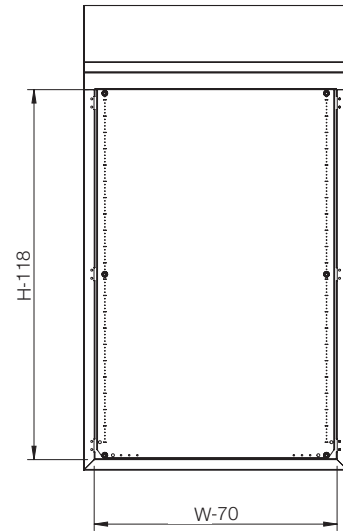
IP 66/69K | TYPE 4X, 12, 13 | IK 10

With mounting plate

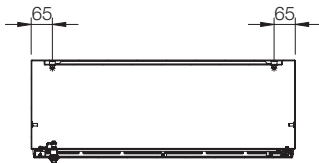
H1	H	W	D	w = W-82	h = H	Item no.
442	350	220	155	138	350	HDW0442215
552	430	390	210	308	430	HDW0553921
552	430	610	300	528	430	HDW0556130
672	550	510	210	428	550	HDW0675121
772	650	390	210	308	650	HDW0773921
772	650	610	210	528	650	HDW0776121
1225	1050	810	300	728	1050	HDW1228130
1425	1250	810	300	728	1250	HDW1428130



Inside enclosure view

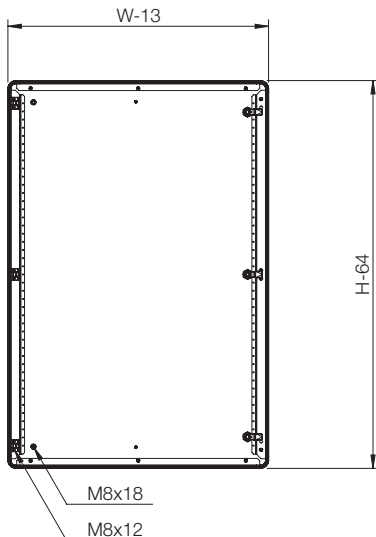


Sectional top view

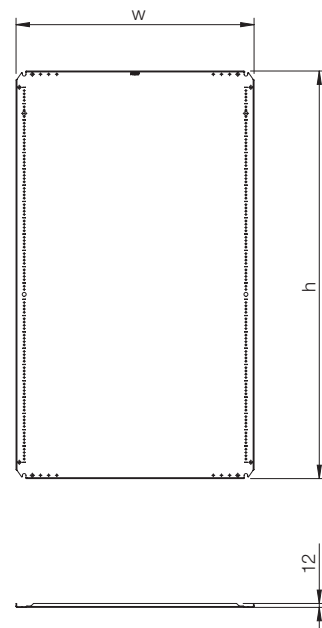


SECTION B-B

Inside door view



Mounting plate view



Wall Mounted Hygienic Design Range Accessories

Wall mounting brackets, AWHD

Description: Mounting brackets for hygienic wall fixing. Provides an space between the enclosure and the wall to facilitate cleaning operations It includes the sealing washers to guarantee the IP rating. In stainless steel machining is required. Design according to EHEDG standards.

Material: AISI 304 stainless steel.

Pack quantity: 1 bracket with mounting accessories.

D	Item no.
50	AWHD050
300	AWHD300



Leveling feet HD, LFHD

Description: Adjustable feet for leveling enclosures placed on uneven ground. Reduce cleaning time thanks to fully covered and sealed threads. Mounted directly to the enclosure's frame. Design according to EHEDG standards.

Maximum load: 3000 N per foot.

Pack quantity: 4 pieces with mounting accessories.

Total height	Max Height	Min. height	Item no.
178 mm	140 mm	104 mm	LFHD04



Cable gland HD, CGHD

Description: Hygienic design cable fittings. Known for excellent strain relief even while providing higher protection class. Design according to EHEDG standards.

Material: AISI 304 stainless steel, and sealing in silicon.

Protection: IP 69K.

Pack quantity: 5 pieces.

Thread	Cable Size	Item no.
M12 x 1.5	2.5 - 6.5	CGHD12
M16 x 1.5	5.5 - 10	CGHD16
M20 x 1.5	5 - 12	CGHD20
M25 x 1.5	9 - 18	CGHD25

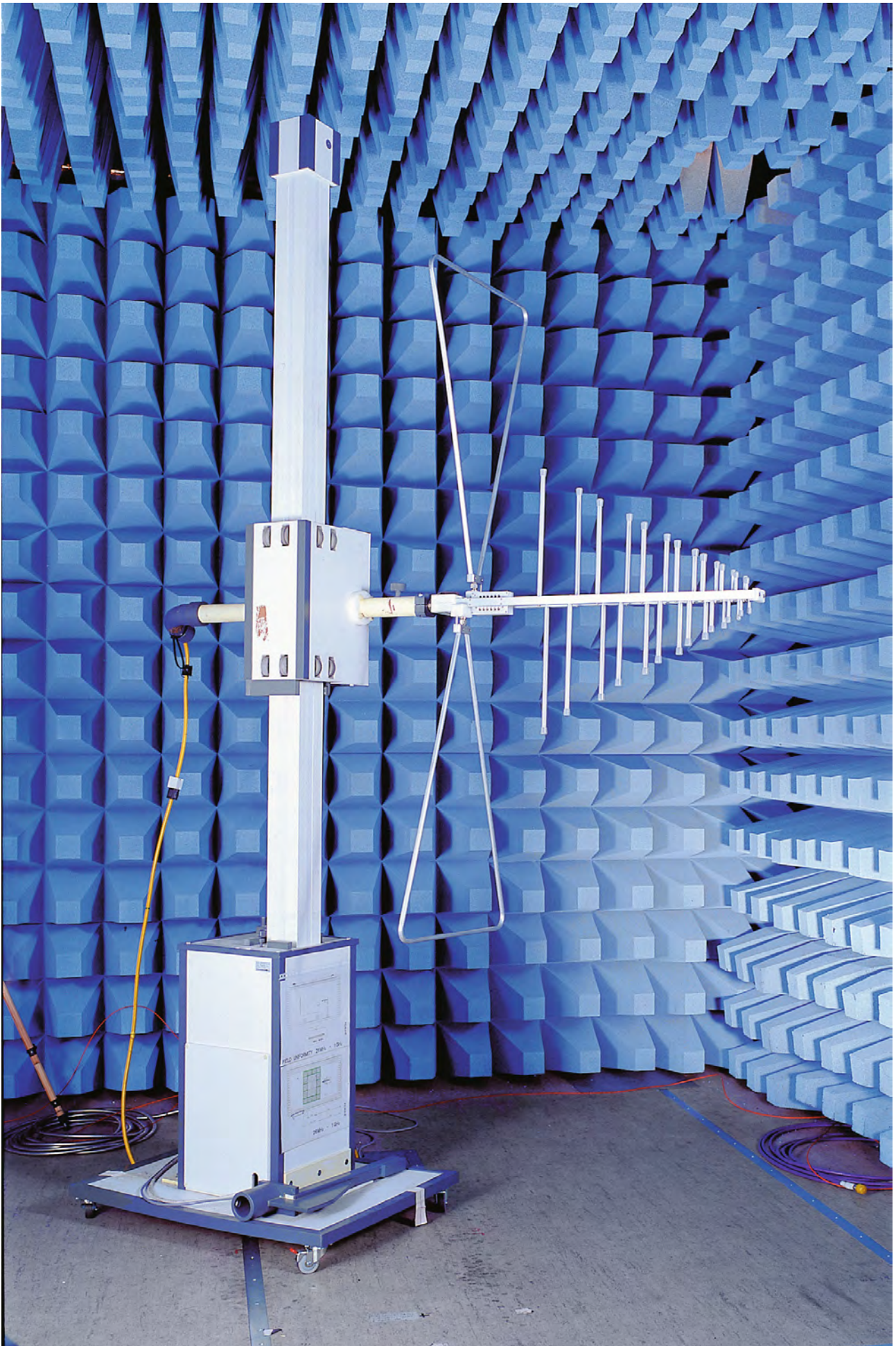


02

Wall Mounted Enclosures



2



Wall Mounted | EMC Range

The term EMC stands for Electro Magnetic Compatibility and deals with issues that may cause malfunction or breakdown of electronic or electrical equipment caused by the unintentional generation and reception of electromagnetic disturbances. This may, in turn, cause unwanted effects, such as Electro Magnetic Interference, EMI, a disturbance that may degrade the performance of equipment or even prevent it from functioning altogether. Potential sources of EMI in an industrial environment that may affect electronic equipment, digital networks, and PLCs include AC converters, motors, arc welders, and power lines.

The enclosures in the floor standing EMC range with a single door are manufactured in galvanized steel and are epoxy polyester powder coated only on the outside.

Eldon's EMC enclosures are suitable for indoor installations and are one of the best solutions available to protect sensitive components installed in environments with high EMI.

The body and the door for the wall mounted EMC enclosures are made of galvanized steel and are only painted on the outside to guarantee electric conductivity and to ensure the Faraday effect.

The design is characterized by a sturdy cruciform body, folded from a cold pressed sheet steel plate, and the enclosure's edge is folded in the shape of a channel to avoid water stagnating on the seal.

A wide range of accessories are available to allow for any configuration. Since all enclosure versions are designed around the same platform, the same accessories may be used on all versions, which makes engineering easier and allows for stock reduction with panel builders and distributors. The assembly of the enclosures and accessories is easily done and will help you to reduce assembly time and remain competitive.

This enclosure range has been designed to comply with the relevant standard for empty enclosures, IEC 62208, and is regularly audited by the independent laboratory DEKRA which allows Eldon to put the KEMA-KEUR mark in the enclosures.

Maximum protection for the user and the equipment is achieved thanks to the high protection degree IP 54 according to IEC 60529, and IK 10 according to IEC 62262.

All enclosures in the range have UL certification for the USA, CSA for Canada, GOST and EAC for Russia and others, which makes export easier, especially for machine builders.

Wall Mounted Enclosures

EMC Range

Typical Application | Galvanized Steel

Communication

Windmill

Electrical Power plants

Medical

Railway



The wall mounted EMC enclosure is based on the Standard Wall Mounted range. The body and door are made of galvanized steel, painted only on the outside. The wall mounted EMC enclosure does not have a gland plate opening. A conductive gasket is applied to the door to guarantee electric conductivity and ensure a good Faraday effect.



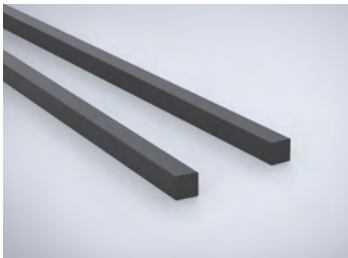
Railway Application

Eldon supplied 1182 special EMC wall mounted enclosures in RAL9011 from September 2013 to February 2014 to the railway industry in the UK. The enclosures are used by Network Rail on their new Level Crossing/Gate systems, where sensitive equipment needs to be protected from EMI.



Compatibility

The design of EMC wall mounted enclosures is based on the well proven Standard Wall Mounted range being fully compatible with it's wide range of accessories.



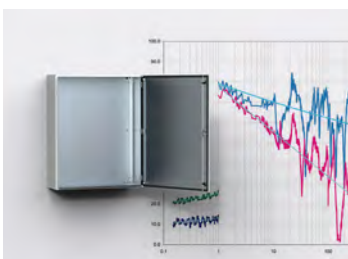
Conductive gasket

A special conductive gasket is applied on all panels to ensure electrical continuity throughout the enclosure's frame and panels, guaranteeing an excellent Faraday effect.



Fully galvanized body and door

The body and door are made of galvanized steel, bended and seam welded. The enclosure is only painted on the outside to guarantee electric conductivity that ensures a good Faraday effect.



Excellent attenuation levels

Eldon EMC enclosures offer around 45dB at a frequency of 1 GHz in electric field.

Wall Mounted Enclosures
EMC Range | Galvanized Steel
Single door | MASE

IP 54 | TYPE 12 | IK 10



Material:

Body: 1.2 mm zinc plated steel / 1.4 mm MASE0606021R5 and above.

Door: 1.2 mm zinc plated steel / 1.4 mm MASE0606021R5 and above / 1.8 mm MASE1006026R5 and above. Mounting plate: 2 mm galvanized steel.

Body:

Folded and seam welded. Four 8.5 mm diameter holes for wall fixing, pressed out in 20.4 mm diameter x 2 mm depressions to allow air circulation around the rear part of the enclosure.

Door:

Surface mounted with 130° opening. Concealed removable hinges with captive pin. Hinges are mounted for right hand opening only. From size MASE0505021R5 and above there are two removable mounting profiles on the door. Sealing is ensured by a conductive EMC gasket.

Lock:

Chrome plated double-bit lock with 3 mm insert and 90° movement. 1000 mm high enclosures and above have espagnolette three point locking system.

Mounting plate:

The mounting plate is marked vertically at 10 mm intervals for easy horizontal positioning of equipment. On the top and bottom are holes to facilitate cable fixing. Fixed onto M8 press welded studs to the rear of the enclosure. All sides from 800 mm and above are strengthened by folded edges. By using the AMG accessory the mounting plate can be adjusted to any depth.

Gland Plate Opening:

No gland plate opening for a maximum EMI protection.

Earthing:

The door is earthed by means of a separate earthing stud M8.

Finish:

RAL 7035 structure powder coating on the outside only.

Protection:

IP 54 | TYPE 12 | IK 10.

Approvals:

CE, GOST, cULus_listed.

Delivery:

Zinc plated enclosure body and door, painted on the outside. Door equipped with EMI conductive gasket. Two door mounting profiles from size MASE0505021R5 and above. Earthing facilities.

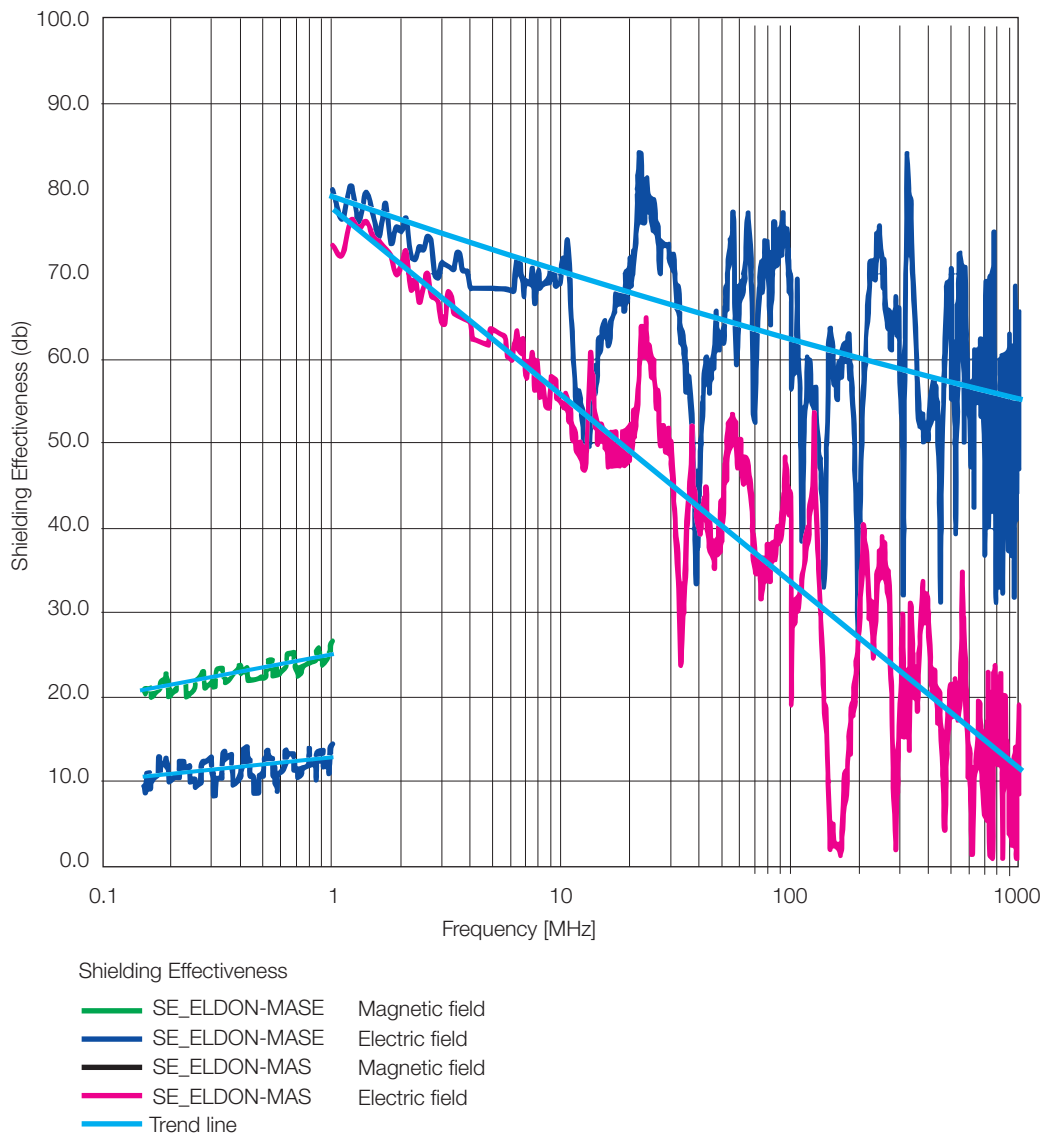


Dimensional table | MASE

IP 54 | TYPE 12 | IK 10

Enclosure dimensions			Mounting plate dimensions		Usable depth	N° of locks	Item no.
H	W	D	h	w	d		
400	400	210	370	350	192	1	MASE0404021R5
400	600	210	370	550	192	1	MASE0406021R5
600	600	210	570	550	192	2	MASE0606021R5
1000	800	300	970	750	282	1*	MASE1008030R5

All the MAS standard sizes are available in EMC version on request.
 MASE: From 200/200/155 mm to 1200/800/400 mm. e.g. MASE0606021R5, EMC single door enclosure 600x600x210 mm.
 For more details please see MAS table.



Wall Mounted EMC Range Accessories

EMC Filter fans, EFE

Description:	EMC capable filter fan. Special EMC screen in combination with stainless steel contact strips guarantee good contact with enclosure surface. Cutting edge surface of the enclosure needs to be blank for contact. Long service life.
Approvals:	CE, GOST, UR, cUL.
Material:	Plastic, UL 94-V0. EMC screen: stainless steel, contact strips.
Pack quantity:	1 fan with filter.

IP	Power (W)	Cut out dim.	Air flow m ³ /h	Filter	Item no.
54	19	126.5 x 126.5	61	44	EFE200R5
54	19	178 x 178	110	82	EFE220R5
54	19	224 x 224	156	116	EFE250R5
54	45	224 x 224	256	231	EFE300R5
54	115	292 x 292	480	370	EFE500R5
54	115	292 x 292	640	445	EFE600R5
54	169	292 x 292	845	560	EFE700R5

Air flow = Free air flow (m³/h).

Filter = Air flow filter fan + exhaust filter (m³/h).



EMC Exhaust filter, EFAE

Description:	Suitable for specific EMC enclosures. Cutting edge surface of the enclosure needs to be blank for contact.
Material:	Plastic, UL94-V0. EMC screen: stainless steel, contact strips.
Approvals:	CE, GOST, UR, cUL.
Protection:	IP 54
Pack quantity:	1 filter with housing.

IP	Cut out dim.	Item no.
54	126.5 x 126.5	EFAE200R5
54	178 x 178	EFAE220R5
54	224 x 224	EFAE250-300R5
54	292 x 292	EFAE500-700R5

IP 55 models on request: UV resistant.



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03 Terminal Boxes

Steel

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Terminal Boxes

The range of terminal boxes are available in several different materials including painted mild steel, stainless steel (types 304L and 316L), painted aluminium, glass reinforced polyester, ABS, and polycarbonate. Each of these materials offers a different degree of corrosion resistance, specific mechanical behaviour, and provides distinctive insulation.

Terminal boxes are mostly used to protect connection elements and terminal blocks in the field. They are also used for other purposes, such as hosting small control equipment in the field or inside a machine.

The range of terminal boxes has been designed to comply with the relevant standard for empty enclosures, IEC 62208.

Maximum protection for the user and the equipment is achieved thanks to the high protection degree IP 66 according to IEC 60529, and IK 10 according to IEC 62262.

There are three different designs available within the ABS and polycarbonate terminal box ranges, making it possible to meet virtually any customer requirement.

Certification has been obtained for all ranges of terminal boxes with GOST and EAC for Russia and others which makes export easier, especially for machine builders. Mild steel and stainless steel terminal boxes have UL-certification for the USA and CSA for Canada.

A wide selection of accessories is available for each range of terminal boxes. Typical accessories include wall mounting brackets for fixing, when required, mounting plates and DIN rails for the installation of electrical equipment, and hinges for easier access to the inside of the box.

Customized solutions are offered in terms of machining for all terminal boxes, and specific sizes can be offered for mild and stainless steel.

Terminal Boxes

Steel Range

Typical Application | Steel range

Machine builders

Building

Water treatment applications

Oil & Gas



Steel terminal boxes are available in various steel types with different corrosion resistance; painted mild steel, stainless steel 304L, and stainless steel 316L. Customers are able to order the solution that best matches their requirements under different environmental and chemical agent conditions.

The steel terminal box can be delivered with the required size and machining at a competitive price since the tooling needed for its manufacturing is versatile.



Connection box

The STB terminal box was installed in the metallic structure due to its high degree of protection, allowing the required electrical connections to be made. The terminal box was delivered with all the necessary holes for installing the cable glands that allow introducing cables inside the box, while guaranteeing the IP rating. The box was painted in 100% polyester paint that has an increased UV resistance, because the box is directly exposed to long-term sunlight radiation.



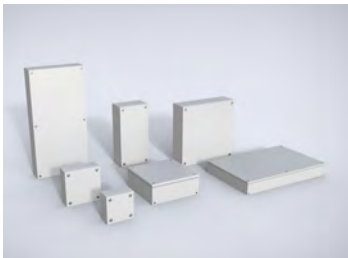
Vacuum tank

Eldon provided stainless steel terminal boxes for the vacuum tankers used by local water authorities for cleaning purposes. Mounted externally and exposed to harsh conditions, the 150x150x80 SSTB terminal box is used to operate the vacuum pump within the tanker. It was delivered fit for purpose, with the all necessary holes, and was fixed directly to the dedicated space in the truck.



Symetrical design

Terminal boxes can be used in both horizontal and vertical positions to double the number of standard sizes available. This is possible because the profiles to fix the DIN rails can be mounted both horizontally and vertically.



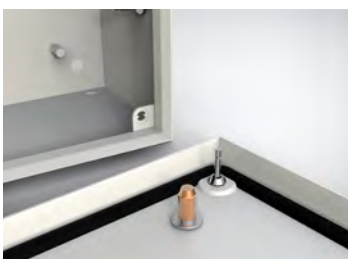
Wide range of available sizes

Eldon offers directly from stock a wide availability of standard sizes, in all its mild steel terminal boxes, leading to reduced delivery times and lower prices.



Fixation studs

Fixation studs make the mounting plate easier to assemble. In addition, extra profiles can be eliminated, which increases the useful depth and reduces the cost of the terminal box.



Quarter turn screws

Quarter turn screws reduce the time needed to open and close the terminal box, which is essential during installation and maintenance in the field. These screws also ensure the ideal cover gasket compression.

Terminal Boxes

Steel Range

Mild steel terminal box | STB

IP 66 | TYPE 4, 12, 13 | IK 08



Material:

1.2 mm mild steel.

Body:

Folded and seam welded. Four 8.5 mm diameter holes for wall fixing. Four M6x13 studs for bottom profiles / mounting plate fixation.

Gasket:

Sealing is ensured by an injected one piece polyurethane gasket.

Earthing:

M8x18 mm earthing studs in body and cover, M8 nuts, earthing washers and earthing labels.

Protection:

IP 66 | TYPE 4, 12, 13 | IK 08.

Finish:

RAL 7035, structured powder coating.

Approvals:

CE, GOST, Kema Keur - DEKRA, cULus_UL Listed.

Delivery:

Body, cover, cover screws, fixing screws, cover plugs, and earthing facilities.

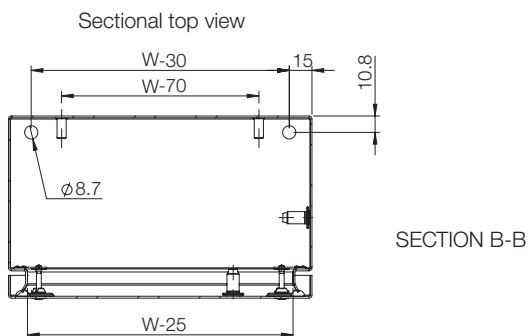
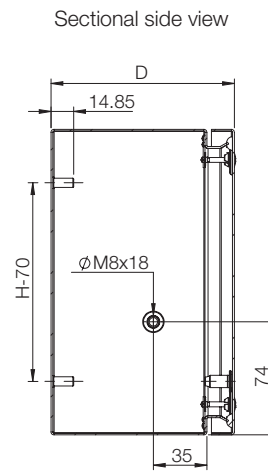
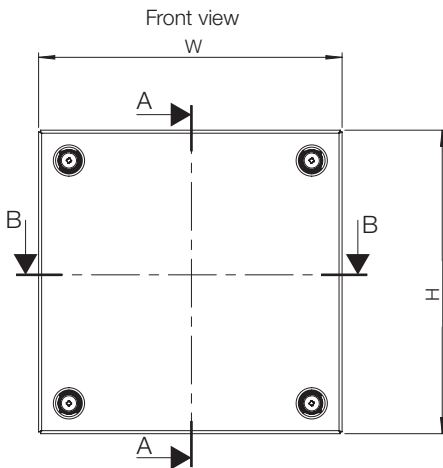


IP 66 | TYPE 4, 12, 13 | IK 08

Box dimension			Item no.
H	W	D	
150	150	80	STB151508
150	150	120	STB151512
150	300	80	STB153008
150	300	120	STB153012
200	200	80	STB202008
200	200	120	STB202012
200	300	80	STB203008
200	300	120	STB203012
200	400	80	STB204008
200	400	120	STB204012
200	500	120	STB205012
200	600	120	STB206012
200	800	120	STB208012
300	300	80	STB303008
300	300	120	STB303012
300	400	120	STB304012
300	500	120	STB305012
300	600	120	STB306012
400	400	120	STB404012
400	600	120	STB406012
400	800	120	STB408012



Dimensional drawing | STB



Terminal Boxes

Steel Range

Stainless steel terminal box | SSTB

IP 66 | TYPE 4X, 12, 13 | IK 08



Material:

AISI 304 pre-grained stainless steel / AISI 316L (on request). Body: 1 mm. Cover: 1.5 mm.

Body:

Folded and seam welded. Four M6x13 studs for bottom profile / mounting plate fixation.

Gasket:

For AISI 316L, sealing is ensured by an injected one piece silicone gasket.

Earthing:

M8x18 mm earthing studs in body and cover, M8 nuts, earthing washers and earthing labels.

Protection:

IP 66 | TYPE 4X, 12, 13 | IK 08.

Finish:

240s pre-grained stainless steel (average 0.5 micron).

Approvals:

CE, GOST, Kema Keur - DEKRA, cULus_UL Listed.

Delivery:

Body, cover, cover screws, fixing screws, cover plugs and earthing facilities.

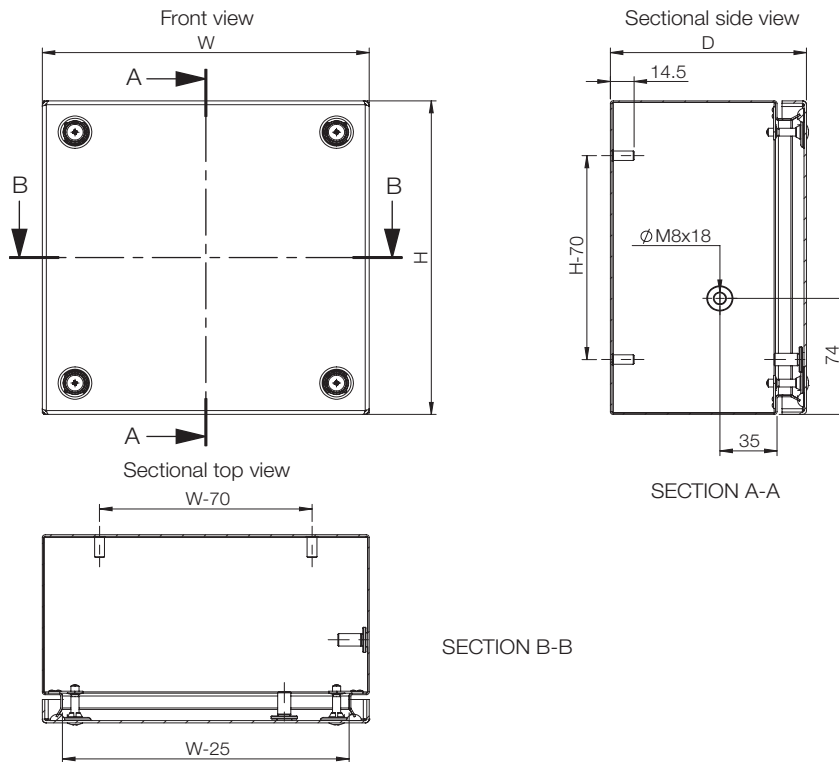


IP 66 | TYPE 4X, 12, 13 | IK 08


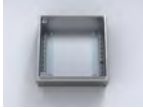




Box dimension			Item no.
H	W	D	
150	150	80	SSTB151508
150	150	80	SSTB151508-316
150	150	120	SSTB151512
150	150	120	SSTB151512-316
150	300	80	SSTB153008
150	300	80	SSTB153008-316
150	300	120	SSTB153012
150	300	120	SSTB153012-316
200	200	80	SSTB202008
200	200	80	SSTB202008-316
200	200	120	SSTB202012
200	200	120	SSTB202012-316
200	300	80	SSTB203008
200	300	80	SSTB203008-316
200	300	120	SSTB203012
200	300	120	SSTB203012-316
200	400	80	SSTB204008
200	400	80	SSTB204008-316
200	400	120	SSTB204012
200	400	120	SSTB204012-316
200	500	120	SSTB205012

Box dimension			Item no.
H	W	D	
200	500	120	SSTB205012-316
200	600	120	SSTB206012
200	600	120	SSTB206012-316
200	800	120	SSTB208012
200	800	120	SSTB208012-316
300	300	80	SSTB303008
300	300	80	SSTB303008-316
300	300	120	SSTB303012
300	300	120	SSTB303012-316
300	400	120	SSTB304012
300	400	120	SSTB304012-316
300	500	120	SSTB305012
300	500	120	SSTB305012-316
300	600	120	SSTB306012
300	600	120	SSTB306012-316
400	400	120	SSTB404012
400	400	120	SSTB404012-316
400	600	120	SSTB406012
400	600	120	SSTB406012-316
400	800	120	SSTB408012
400	800	120	SSTB408012-316

Dimensional drawing | SSTB



Accessories selection matrix | STB

									
Box				Mounting			Fixing		Cover
	H	W	D	Mounting plate	Bottom profile	DIN rail	Wall mounting brackets	Pole fixation	Hinges
STB151508	150	150	80	BMP1515	BPP15	BDR3515	AW41	-	STBH02
STB151512	150	150	120	BMP1515	BPP15	BDR3515	AW41	-	STBH02
STB153008	150	300	80	BMP1530	BPP15/BPP30	BDR3515/BDR3530	AW41	EPF0300	STBH02
STB153012	150	300	120	BMP1530	BPP15/BPP30	BDR3515/BDR3530	AW41	EPF0300	STBH02
STB202008	200	200	80	BMP2020	BPP20	BDR3520	AW41	-	STBH02
STB202012	200	200	120	BMP2020	BPP20	BDR3520	AW41	-	STBH02
STB203008	200	300	80	BMP2030	BPP20/BPP30	BDR3520/BDR3530	AW41	EPF0300	STBH02
STB203012	200	300	120	BMP2030	BPP20/BPP30	BDR3520/BDR3530	AW41	EPF0300	STBH02
STB204008	200	400	80	BMP2040	BPP20/BPP40	BDR3520/BDR3540	AW41	EPF0400	STBH02
STB204012	200	400	120	BMP2040	BPP20/BPP40	BDR3520/BDR3540	AW41	EPF0400	STBH02
STB205012	200	500	120	BMP2050	BPP20/BPP50	BDR3520/BDR3550	AW41	EPF0500	STBH02
STB206012	200	600	120	BMP2060	BPP20/BPP60	BDR3520/BDR3560	AW41	EPF0600	STBH02
STB208012	200	800	120	BMP2080	BPP20/BPP80	BDR3520/BDR3580	AW41	EPF0800	STBH02
STB303008	300	300	80	BMP3030	BPP30	BDR3530	AW41	EPF0300	STBH02
STB303012	300	300	120	BMP3030	BPP30	BDR3530	AW41	EPF0300	STBH02
STB304012	300	400	120	BMP3040	BPP30/BPP40	BDR3530/BDR3540	AW41	EPF0300/EPF0400	STBH02
STB305012	300	500	120	BMP3050	BPP30/BPP50	BDR3530/BDR3550	AW41	EPF0300/EPF0500	STBH02
STB306012	300	600	120	BMP3060	BPP30/BPP60	BDR3530/BDR3560	AW41	EPF0300/EPF0600	STBH02
STB404012	400	400	120	BMP4040	BPP40	BDR3540	AW41	EPF0400	STBH02
STB406012	400	600	120	BMP4060	BPP40/BPP60	BDR3540/BDR3560	AW41	EPF0400/EPF0600	STBH02
STB408012	400	800	120	BMP4080	BPP40/BPP80	BDR3540/BDR3580	AW41	EPF0400/EPF0800	STBH02

Box							Cover		
	Mounting			Fixing		Hinges			
	H	W	D	Mounting plate	Bottom profile			DIN rail	Wall mounting brackets
SSTB151508	150	150	80	BMP1515	BPP15	BDR3515	AWS41-304	-	SSTBH02
SSTB151508-316	150	150	80	BMP1515	BPP15	BDR3515	AWS41-316	-	SSTBH02
SSTB151512	150	150	120	BMP1515	BPP15	BDR3515	AWS41-304	-	SSTBH02
SSTB151512-316	150	150	120	BMP1515	BPP15	BDR3515	AWS41-316	-	SSTBH02
SSTB153008	150	300	80	BMP1530	BPP15/BPP30	BDR3515/BDR3530	AWS41-304	EPF0300	SSTBH02
SSTB153008-316	150	300	80	BMP1530	BPP15/BPP30	BDR3515/BDR3530	AWS41-316	EPF0300	SSTBH02
SSTB153012	150	300	120	BMP1530	BPP15/BPP30	BDR3515/BDR3530	AWS41-304	EPF0300	SSTBH02
SSTB153012-316	150	300	120	BMP1530	BPP15/BPP30	BDR3515/BDR3530	AWS41-316	EPF0300	SSTBH02
SSTB202008	200	200	80	BMP2020	BPP20	BDR3520	AWS41-304	-	SSTBH02
SSTB202008-316	200	200	80	BMP2020	BPP20	BDR3520	AWS41-316	-	SSTBH02
SSTB202012	200	200	120	BMP2020	BPP20	BDR3520	AWS41-304	-	SSTBH02
SSTB202012-316	200	200	120	BMP2020	BPP20	BDR3520	AWS41-316	-	SSTBH02
SSTB203008	200	300	80	BMP2030	BPP20/BPP30	BDR3520/BDR3530	AWS41-304	EPF0300	SSTBH02
SSTB203008-316	200	300	80	BMP2030	BPP20/BPP30	BDR3520/BDR3530	AWS41-316	EPF0300	SSTBH02
SSTB203012	200	300	120	BMP2030	BPP20/BPP30	BDR3520/BDR3530	AWS41-304	EPF0300	SSTBH02
SSTB203012-316	200	300	120	BMP2030	BPP20/BPP30	BDR3520/BDR3530	AWS41-316	EPF0300	SSTBH02
SSTB204008	200	400	80	BMP2040	BPP20/BPP40	BDR3520/BDR3540	AWS41-304	EPF0400	SSTBH02
SSTB204008-316	200	400	80	BMP2040	BPP20/BPP40	BDR3520/BDR3540	AWS41-316	EPF0400	SSTBH02
SSTB204012	200	400	120	BMP2040	BPP20/BPP40	BDR3520/BDR3540	AWS41-304	EPF0400	SSTBH02
SSTB204012-316	200	400	120	BMP2040	BPP20/BPP40	BDR3520/BDR3540	AWS41-316	EPF0400	SSTBH02
SSTB205012	200	500	120	BMP2050	BPP20/BPP50	BDR3520/BDR3550	AWS41-304	EPF0500	SSTBH02
SSTB205012-316	200	500	120	BMP2050	BPP20/BPP50	BDR3520/BDR3550	AWS41-316	EPF0500	SSTBH02
SSTB206012	200	600	120	BMP2060	BPP20/BPP60	BDR3520/BDR3560	AWS41-304	EPF0600	SSTBH02
SSTB206012-316	200	600	120	BMP2060	BPP20/BPP60	BDR3520/BDR3560	AWS41-316	EPF0600	SSTBH02
SSTB208012	200	800	120	BMP2080	BPP20/BPP80	BDR3520/BDR3580	AWS41-304	EPF0800	SSTBH02
SSTB208012-316	200	800	120	BMP2080	BPP20/BPP80	BDR3520/BDR3580	AWS41-316	EPF0800	SSTBH02
SSTB303008	300	300	80	BMP3030	BPP30	BDR3530	AWS41-304	EPF0300	SSTBH02
SSTB303008-316	300	300	80	BMP3030	BPP30	BDR3530	AWS41-316	EPF0300	SSTBH02
SSTB303012	300	300	120	BMP3030	BPP30	BDR3530	AWS41-304	EPF0300	SSTBH02
SSTB303012-316	300	300	120	BMP3030	BPP30	BDR3530	AWS41-316	EPF0300	SSTBH02
SSTB304012	300	400	120	BMP3040	BPP30/BPP40	BDR3530/BDR3540	AWS41-304	EPF0300/EPF0400	SSTBH02
SSTB304012-316	300	400	120	BMP3040	BPP30/BPP40	BDR3530/BDR3540	AWS41-316	EPF0300/EPF0400	SSTBH02
SSTB305012	300	500	120	BMP3050	BPP30/BPP50	BDR3530/BDR3550	AWS41-304	EPF0300/EPF0500	SSTBH02
SSTB305012-316	300	500	120	BMP3050	BPP30/BPP50	BDR3530/BDR3550	AWS41-316	EPF0300/EPF0500	SSTBH02
SSTB306012	300	600	120	BMP3060	BPP30/BPP60	BDR3530/BDR3560	AWS41-304	EPF0300/EPF0600	SSTBH02
SSTB306012-316	300	600	120	BMP3060	BPP30/BPP60	BDR3530/BDR3560	AWS41-316	EPF0300/EPF0600	SSTBH02
SSTB404012	400	400	120	BMP4040	BPP40	BDR3540	AWS41-304	EPF0400	SSTBH02
SSTB404012-316	400	400	120	BMP4040	BPP40	BDR3540	AWS41-316	EPF0400	SSTBH02
SSTB406012	400	600	120	BMP4060	BPP40/BPP60	BDR3540/BDR3560	AWS41-304	EPF0400/EPF0600	SSTBH02
SSTB406012-316	400	600	120	BMP4060	BPP40/BPP60	BDR3540/BDR3560	AWS41-316	EPF0400/EPF0600	SSTBH02
SSTB408012	400	800	120	BMP4080	BPP40/BPP80	BDR3540/BDR3580	AWS41-304	EPF0400/EPF0800	SSTBH02
SSTB408012-316	400	800	120	BMP4080	BPP40/BPP80	BDR3540/BDR3580	AWS41-316	EPF0400/EPF0800	SSTBH02



Terminal Boxes

Steel Range

Accessories

Mounting plate, BMP

Description: Steel mounting plate for terminal boxes.

Material: 2 mm galvanized steel.

Pack quantity: 1 piece.

Box dimension		Mounting plate dimensions		Item no.
H	W	h	w	
150	150	125	120	BMP1515
150	300	125	270	BMP1530
200	200	175	170	BMP2020
200	300	175	270	BMP2030
200	400	175	370	BMP2040
200	500	175	470	BMP2050
200	600	180	570	BMP2060
200	800	180	770	BMP2080
300	300	275	270	BMP3030
300	400	275	370	BMP3040
300	500	275	470	BMP3050
300	600	280	570	BMP3060
400	400	375	370	BMP4040
400	600	380	570	BMP4060
400	800	380	770	BMP4080



Spacer bolts for terminal boxes, AMTE

Description: For depth adjustment of the mounting plate. Metric thread M6.

Material: Zinc plated steel.

Length	Pack quantity	Item no.
10	50	AMTE6010
20	50	AMTE6020
30	50	AMTE6030
40	20	AMTE6040
50	20	AMTE6050



Bottom profile, BPP

Description: Bottom profile for DIN rail mounting.

Material: Galvanized steel.

Pack quantity: 2 pieces.

For box		
H/W		Item no.
150		BPP15
200		BPP20
300		BPP30
400		BPP40
500		BPP50
600		BPP60
800		BPP80



DIN rail, BDR

Description: DIN rail 35 mm for terminal boxes.

Material: Galvanized steel.

Pack quantity: 5 pieces.

For box		
H/W		Item no.
150		BDR3515
200		BDR3520
300		BDR3530
400		BDR3540
500		BDR3550
600		BDR3560
800		BDR3580



Terminal Boxes

Steel Range

Accessories

Wall mounting brackets, AW

- Description:** Mounting brackets for safe wall fixing. It includes the sealing washers to guarantee the IP rating.
- Material:** 3 mm zinc plated steel.
- Pack quantity:** 4 brackets with mounting accessories.

Item no.
AW41



Wall mounting brackets, AWS

- Description:** Mounting brackets for safe wall fixing. It includes the sealing washers to guarantee the IP rating. In stainless steel machining is required.
- Pack quantity:** 4 brackets with mounting accessories.

Material	Item no.
3 mm stainless steel 304	AWS41-304
3 mm stainless steel 316	AWS41-316



Enclosure pole fixation, EPF

- Description:** Accessory to fix enclosures onto poles. Maximum load of 900N.
- Material:** Galvanized steel.
- Minimum pole diameter:** 80 mm.
- Maximum pole diameter:** 250 mm.
- Pack quantity:** 2 profiles, 2 circular mounting strips for pole attachment and mounting accessories.

For Enclosure (W)	
STB, SSTB	Item no.
300	EPF0300
400	EPF0400
500	EPF0500
600	EPF0600
800	EPF0800



Hinges, STBH

- Description:** Using this accessory the cover can be hinged. Machining is required.
- Material:** Zinc plated steel.
- Pack quantity:** Set of 2 hinges with mounting accessories.

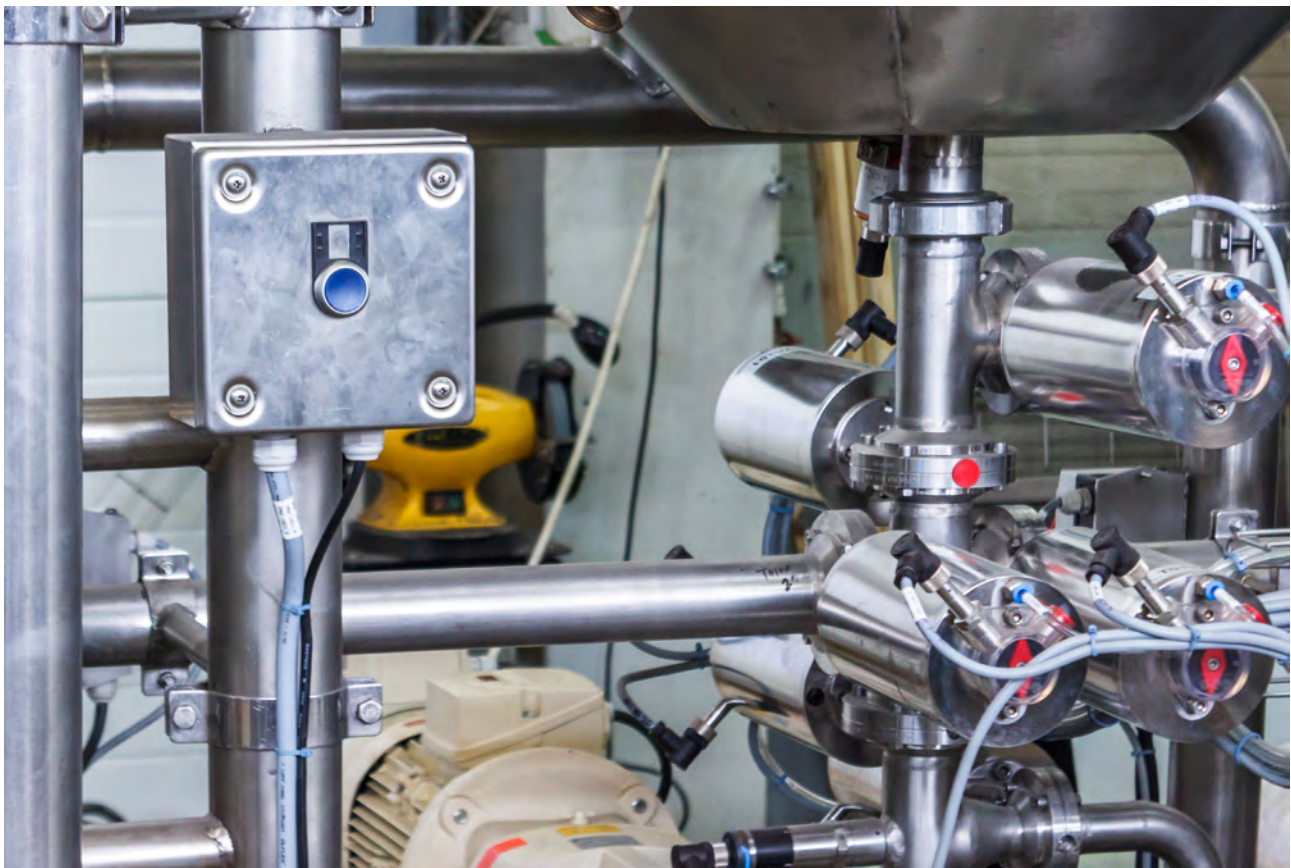
Item no.
STBH02



Hinges, SSTBH

- Description:** Using this accessory the cover can be hinged. Machining is required.
- Material:** Stainless steel.
- Pack quantity:** Set of 2 hinges with mounting accessories.

Item no.
SSTBH02



Terminal Boxes

Aluminium Range

Typical Application | Terminal box

- Oil refineries
- Shipyards
- Petrochemical industry
- Windmill



Terminal boxes in aluminum provide high impact resistance and robustness, light-weight and high corrosion resistance against solvents, oil and petrol. Aluminium boxes are manufactured by using pressure die-casting or gravity die-casting moulds. The screws for mounting the covers on are made of stainless steel and are held captive by the self-latching hinge integrated in the cover.



External power feed box

Electric locomotives and railcars must continue to be supplied with power when they are isolated from the driving power supply. This is required to preserve the most important operation, backup and storage systems. The HALP terminal box was used to meet the extreme mechanical requirements of the railway industry. The external power supply box is fitted with a wall plug, a rotary switch and an indicator light. Cutouts for all these components were needed, and since machining aluminium terminal boxes is not easy, the customized solution was directly supplied by Eldon.



Wide range of available sizes

Eldon offers a wide availability of standard sizes in all its aluminium terminal boxes. This allows Eldon to offer, directly from stock, aluminium terminal boxes that can suit most applications, leading to reduced delivery times and lower prices.



Captive screws in the cover

The cover screws are held captive by the self-latching hinge integrated in the cover. This is an essential requirement during installation and maintenance tasks in the field so that screws do not get lost.



High protection

IP 66/67 is the standard protection for our aluminium terminal boxes. They are tested by independent laboratories and certificates can be provided, to confirm that the requirements for the standard are met.



Fixation done outside the protected space of the enclosure

Fixation is done via separate tube-like castings in the box, outside of the protected area. This avoids additional fixation work on the box, eliminating the risk of reducing the IP rating.

Terminal Boxes

Aluminium Range

Aluminium terminal box | HALP

IP 66, 67



Material:

Aluminium alloy AISI 12.

Gasket:

Standard supply fitted with a polyurethane gasket. Silicone, neoprene and EPDM gaskets are available on request.

Temperature resistance:

-30°C to +80°C.

Protection:

IP 66, 67.

Finish:

RAL 7001.

Approvals:

CE, GOST. For cULus_UL Listed approvals, please contact our sales department.

Delivery:

Body, cover and cover screws made of stainless steel.

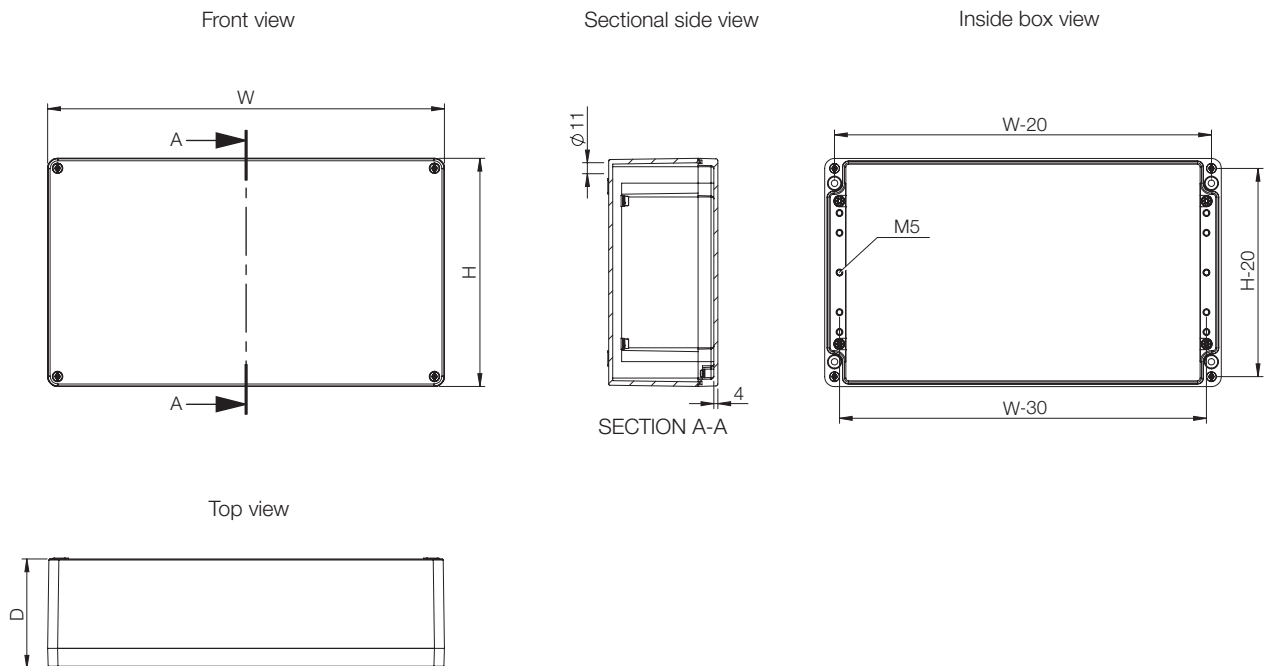


IP 66, 67

Box dimension			Item no.
H	W	D	
45	50	30	HALP050503GE
64	58	36	HALP060604GE
64	98	36	HALP061004GE
64	150	36	HALP061504GE
80	75	57	HALP080806GE
80	125	57	HALP081306GE
80	175	57	HALP081806GE
80	250	57	HALP082506GE
122	122	80	HALP121208GE
122	122	90	HALP121209GE
122	220	80	HALP122208GE
122	220	90	HALP122209GE
122	360	80	HALP123608GE
160	160	90	HALP161609GE
160	260	90	HALP162609GE
160	360	90	HALP163609GE
160	560	90	HALP165609GE
230	200	110	HALP232011GE
230	330	110	HALP233311GE
230	330	180	HALP233318GE
230	400	110	HALP234011GE
230	600	110	HALP236011GE



Dimensional drawing | HALP



Terminal Boxes

Aluminium Range

Accessories

HALP Mounting plate, HMP

Description: Steel mounting plate for HALP boxes.

Material: 1.5 mm galvanized steel, 2.5 mm for HMP1656E and HMP2360E.

Pack quantity: 1 piece.

Box dimension		Mounting plate dimensions		Item no.
H	W	h	w	
64	58	54	48	HMP0606E
64	98	54	88	HMP0610E
64	150	54	140	HMP0615E
80	75	69	64	HMP0808E
80	125	69	114	HMP0813E
80	175	69	164	HMP0818E
80	250	69	239	HMP0825E
122	122	108	107	HMP1212E
122	220	108	204	HMP1222E
122	360	108	343	HMP1236E
160	160	145	143	HMP1616E
160	260	145	243	HMP1626E
160	360	145	343	HMP1636E
160	560	145	543	HMP1656E
230	200	214	183	HMP2320E
230	330	214	313	HMP2333E
230	400	214	383	HMP2340E
230	600	214	583	HMP2360E



Hinges, HHI

Description: Using this accessory the cover can be hinged. 150° opening. Machining is required.

Material: Aluminium.

For box: HHI02: HALP080806GE to HALP082506GE.
HHI03: HALP121208GE to HALP236011GE.

Pack quantity: Set of 2 hinges in HHI02, and 3 hinges in HHI03. Mounting accessories are included.

Item no.
HHI02
HHI03

Internal hinges available on request.



03

Terminal Boxes



3

Terminal Boxes

Polyester Range

Typical Application | Polyester Range

Oil refineries

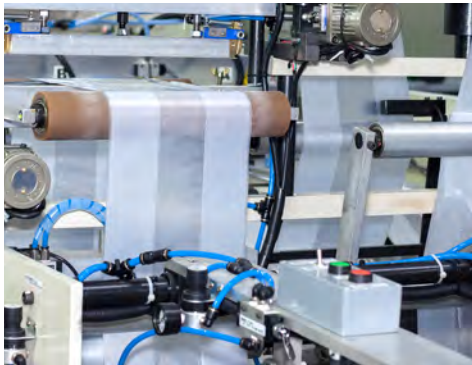
Breweries

Shipyards

Petrochemical industry



Glass fibre reinforced polyester terminal boxes combine good mechanical properties, together with high resistance to corrosion and solvents. These terminal boxes are ideal for very demanding industrial environments. Polyester terminal boxes are produced from high-grade glass fibre reinforced polyester. The captive stainless steel cover screws are retained by a self-latching element, integrated in the cover. The threaded bushes for mounting the cover are made of stainless steel as well.



Petrochemical industry

The petrochemical industry produces chemical products derived from petroleum, such as ethylene or propylene, which are used in various industrial processes, among others, to produce plastic products. Therefore, a high corrosion resistance is a must in all petrochemical industries, and so glass fibre reinforced polyester terminal boxes are a common choice. Moreover, the high mechanical strength that this material exhibits, complies with the safety requirements of these applications.



Wide range of available sizes

Eldon offers a wide availability of standard sizes in all its polyester terminal boxes. This allows Eldon to offer directly from stock polyester terminal boxes that can suit most applications, leading to reduced delivery times and lower prices.



Captive screws in the cover

The cover screws are held captive by the self-latching hinge integrated in the cover. This is an essential requirement during installation and maintenance tasks in the field so that screws do not get lost.



High protection

IP 66/67 is the standard protection for our polyester terminal boxes. They are tested by independent laboratories and certificates can be provided, to confirm that the requirements for the standard are met.



Fixation done outside the protected space of the enclosure

Fixation is done via separate tube-like castings in the box, outside of the protected area. This avoids additional fixation work on the box, eliminating the risk of reducing the IP rating.

Terminal Boxes

Polyester Range

Polyester terminal box | MGRP

IP 66, 67



Material:

Glass fibre reinforced polyester.

Gasket:

Standard supply fitted with a polyurethane gasket.
Silicone, neoprene and EPDM gaskets are available on request.

Temperature resistance:

-40°C to +100°C with the standard polyurethane gasket; -60°C to +130°C with the silicone gasket; -35°C to +100°C with the EPDM gasket; -30°C to +80°C with the neoprene gasket.

Flammability:

UL94 V-0.

Protection:

IP 66, 67.

Finish:

RAL 7000.

Approvals:

CE, GOST. For cULus_UL Listed approvals, please contact our sales department.

Delivery:

Body, cover and cover screws made of stainless steel.

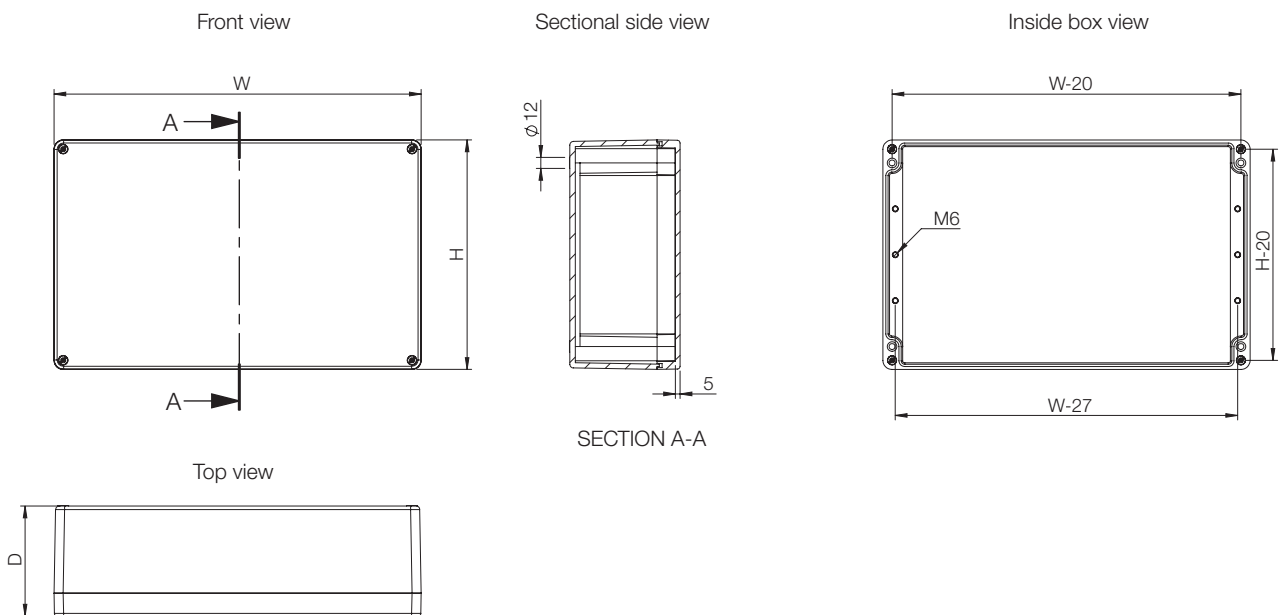


IP 66, 67

Box dimension			Item no.
H	W	D	
75	80	55	MGRP080806GE
75	80	75	MGRP080808GE
75	110	55	MGRP081106GE
75	110	75	MGRP081108GE
75	160	55	MGRP081606GE
75	160	75	MGRP081608GE
75	190	55	MGRP081906GE
75	190	75	MGRP081908GE
120	122	90	MGRP121209GE
120	220	90	MGRP122209GE
160	160	90	MGRP161609GE
160	260	90	MGRP162609GE
160	360	90	MGRP163609GE
160	560	90	MGRP165609GE
250	255	120	MGRP252612GE
250	400	120	MGRP254012GE
405	400	120	MGRP414012GE



Dimensional drawing | MGRP



Terminal Boxes

Polyester Range

Accessories

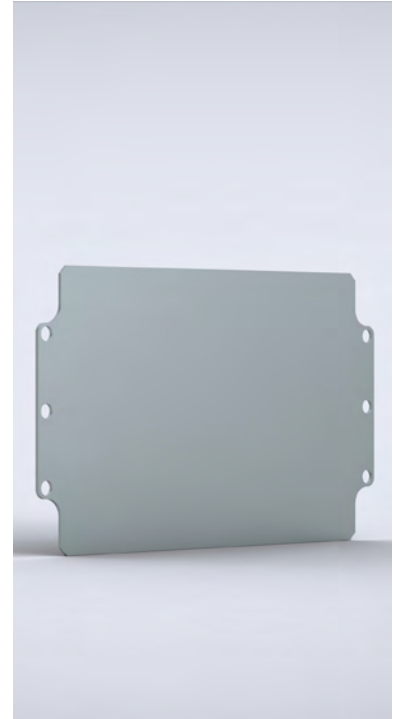
MGRP Mounting plate, GMP

Description: Mounting plate for MGRP boxes.

Material: 1.5 mm galvanized steel, 2.5 mm for GMP1656E.

Pack quantity: 1 piece.

For box		Mounting plate dimensions		Item no.
H	W	h	w	
75	80	64	69	GMP0808E
75	110	64	99	GMP0811E
75	160	64	149	GMP0816E
75	190	64	179	GMP0819E
120	122	107	108	GMP1212E
120	220	107	206	GMP1222E
160	160	144	143	GMP1616E
160	260	144	244	GMP1626E
160	360	144	344	GMP1636E
160	560	144	544	GMP1656E
250	255	233	240	GMP2526E
250	400	233	383	GMP2540E
405	400	390	385	GMP4140E



Hinges, HHI

Description: Using this accessory the cover can be hinged. 150° Openingshoek. Machinale is required.

Material: Aluminium.

For box: HHI03: MGRP121209GE to MGRP414012GE.

Pack quantity: Set of 3 hinges. Mounting accessories are included.

Item no.
HHI03



03

Terminal Boxes



3

Terminal Boxes

ABS Range

Typical Application | ABS Range

Building

Light industry

Machines



ABS terminal boxes are light and make an ideal cost-effective solution for indoor installations. The cover can be transparent, to allow the status of internal components to be easily monitored.

ABS can be machined using standard tools, which simplifies any modification required at a later stage. This ease of machining allows final design decisions to be postponed.



Plastic pipes welding equipment

This OABP box is used in plastic pipes welding equipment. The OABP box was chosen because of its perfect size for this particular application, its high quality and its nice physical aspect, while it also complied with all the application requirements. The box was also customized to install the control push buttons on the box lid and also for cable glands.



Temperature control system

This SABP box is used to control the temperature inside a building. It houses a display in which the building's desired temperature can be set. This information is then transmitted to the control center where it is interpreted by the PLC, which then acts accordingly. Since the temperature needs to be monitored, the box has a transparent cover that allows checking it from the outside. In case the desired temperature needs to be changed for some reason, the cover screws can be easily removed and the desired temperature can be readjusted.



Different designs available

Eldon offers several standard ABS terminal boxes designs, each with its own range of accessories and with different dimensions. This gives customers the opportunity to choose the box that suits their specific application.



High protection

IP 66/67 is the standard protection for our ABS terminal boxes. They are tested by independent laboratories and certificates can be provided, to confirm that the requirements for the standard are met.



Wide temperature range of use

Eldon ABS terminal boxes can be used at temperatures ranging from -40°C to $+60^{\circ}\text{C}$.



Fixation done outside the protected space of the enclosure

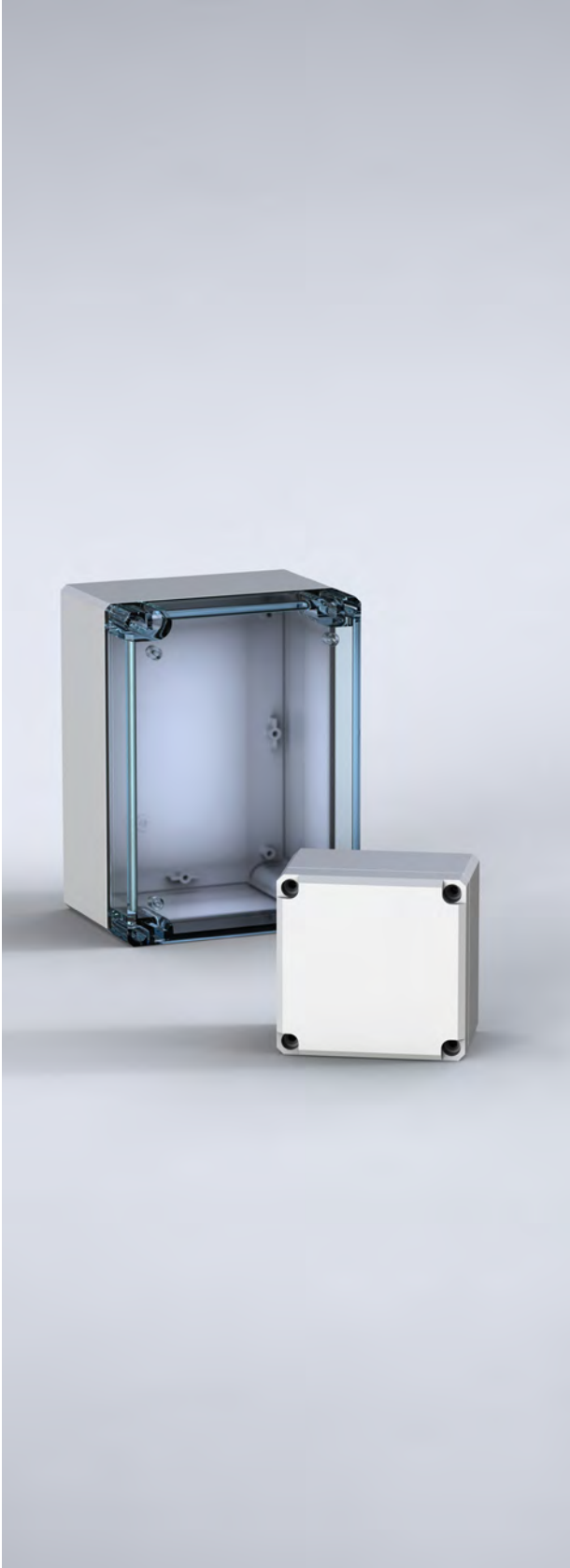
Fixation is done via separate tube-like castings in the box, outside of the protected area. This avoids additional fixation work on the box, eliminating the risk of reducing the IP rating.

Terminal Boxes

ABS Range

ABS terminal box | DABP

IP 66,67 | IK 06/07



Description:

ABS box, halogen-free, suitable for indoor use.
Low UV radiation resistance.

Material:

ABS.

Gasket:

Polyurethane gasket integrated in the box cover.

Temperature resistance:

-40°C to +60°C.

Flammability:

UL94 HB.

Protection:

IP 66, 67 | IK 06 (-25°C), IK 07 (+35°C).

Finish:

RAL 7035.

Approvals:

CE, GOST.

Delivery:

Body, cover, cover screws made from stainless steel,
mounting screws and cover plugs made from polyamide.

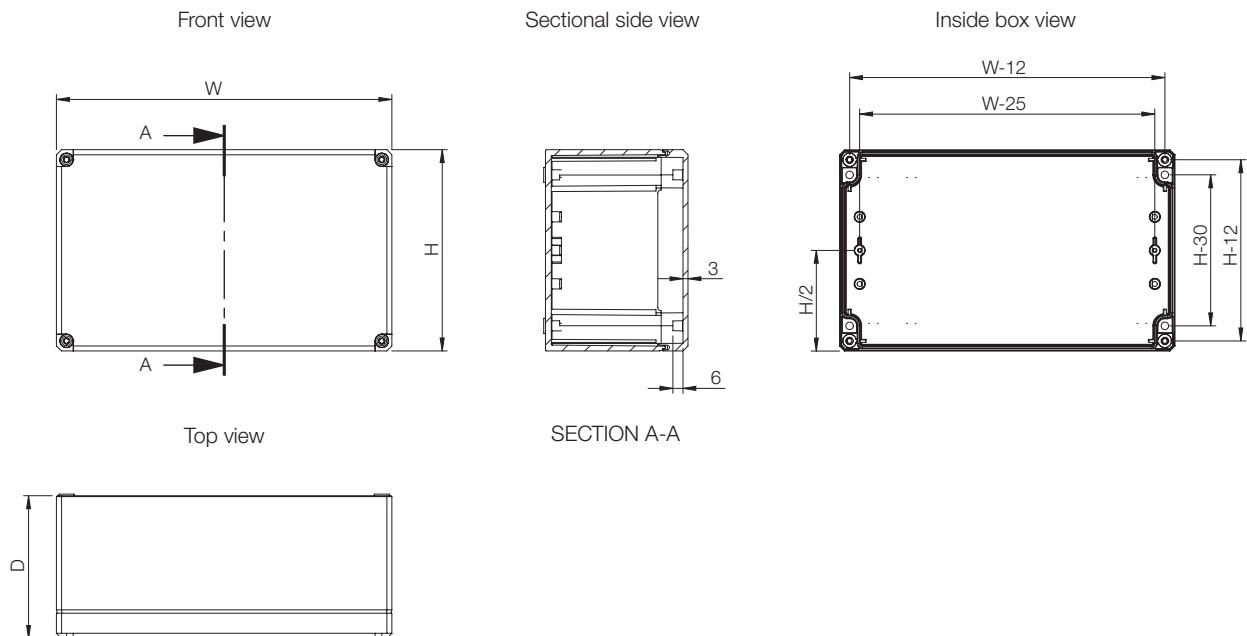


IP 66,67 | IK 06/07





Box dimension				
H	W	D	Inner depth (mm)	Item no.
53	55	36	27.5	DABP050504GE
53	63	36	25	DABP050704GE
80	82	56	42	DABP080806GE
80	82	86	72	DABP080809GE
80	120	56	42	DABP081206GE
80	120	86	72	DABP081209GE
80	160	56	42	DABP081606GE
80	160	86	72	DABP081609GE
120	122	56	42	DABP121206GE
120	122	86	72	DABP121209GE
120	160	91	77	DABP121609GE
120	200	86	72	DABP122009GE
150	200	76	62	DABP152008GE
160	240	91	77	DABP162409GE
160	240	121	107	DABP162412GE
230	300	86	72	DABP233009GE
230	300	111	97	DABP233011GE

Note: Terminal box with transparent cover fitted can be ordered by replacing GE with TE in the item number.

Dimensional drawing | DABP



Accessories selection matrix | DABP

							
Box				Mounting		Fixing	Cover
	H	W	D	Mounting plate	DIN rail	Wall mounting brackets	Hinges
DABP050504GE	53	55	36	-	-	DFL1E	DSH1E
DABP050704GE	53	63	36	-	-	DFL1E	DSH1E
DABP080806GE	80	82	56	DMP0808E	DR350584E	DFL1E	DSH1E
DABP080809GE	80	82	86	DMP0808E	DR350584E	DFL1E	DSH1E
DABP081206GE	80	120	56	DMP0812E	DR350964E	DFL1E	DSH1E
DABP081209GE	80	120	86	DMP0812E	DR350964E	DFL1E	DSH1E
DABP081606GE	80	160	56	DMP0816E	DR351364E	DFL1E	DSH1E
DABP081609GE	80	160	86	DMP0816E	DR351364E	DFL1E	DSH1E
DABP121206GE	120	122	56	DMP1212E	DR350964E	DFL1E	DSH1E
DABP121209GE	120	122	86	DMP1212E	DR350964E	DFL1E	DSH1E
DABP121609GE	120	160	91	DMP1216E	DR351364E	DFL1E	DSH1E
DABP122009GE	120	200	86	DMP1220E	DR351764E	DFL1E	DSH1E
DABP152008GE	150	200	76	DMP1520E	DR351604E	DFL1E	DSH1E
DABP162409GE	160	240	91	DMP1624E	DR352154E	DFL1E	DSH1E
DABP162412GE	160	240	121	DMP1624E	DR352154E	DFL1E	DSH1E
DABP233009GE	230	300	86	DMP2330E	DR352754E	DFL1E	DSH1E
DABP233011GE	230	300	111	DMP2330E	DR352754E	DFL1E	DSH1E

Terminal Boxes ABS Range Accessories

Mounting plate, DMP

Description: Steel mounting plate for DABP/DPCP boxes.
Material: 1.5 mm galvanized steel.
Pack quantity: 1 piece.

For box		Mounting plate dimensions		Item no.
H	W	h	w	
80	82	55	68	DMP0808E
80	120	65	93	DMP0812E
80	160	65	133	DMP0816E
120	122	105	95	DMP1212E
120	160	105	132	DMP1216E
120	200	105	172	DMP1220E
150	200	133	172	DMP1520E
160	240	145	213	DMP1624E
230	300	210	285	DMP2330E



DIN rail, DR

Description: DIN rail 35 mm for DABP/DPCP boxes.
Material: Galvanized steel.
Pack quantity: 1 piece.

For box	Item no.
W	
82	DR350584E
120/122	DR350964E
160	DR351364E
200 *	DR351604E
200 **	DR351764E
250	DR352154E
300	DR352754E

* DABP152008GE and DPCP152008GE
 ** DABP122009GE and DPCP122009GE



Wall mounting brackets, DFL

Description: Mounting brackets for wall fixing.
Material: Polycarbonate.
Finish: RAL 7035.
Pack quantity: 4 brackets with mounting accessories.

Item no.
DFL1E



Terminal Boxes

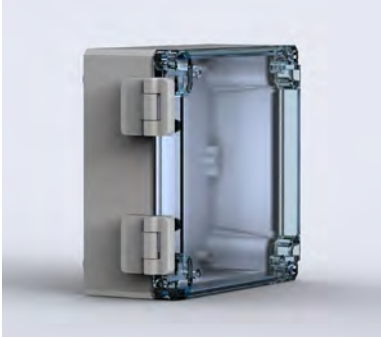
ABS Range

Accessories

Hinges, DSHI

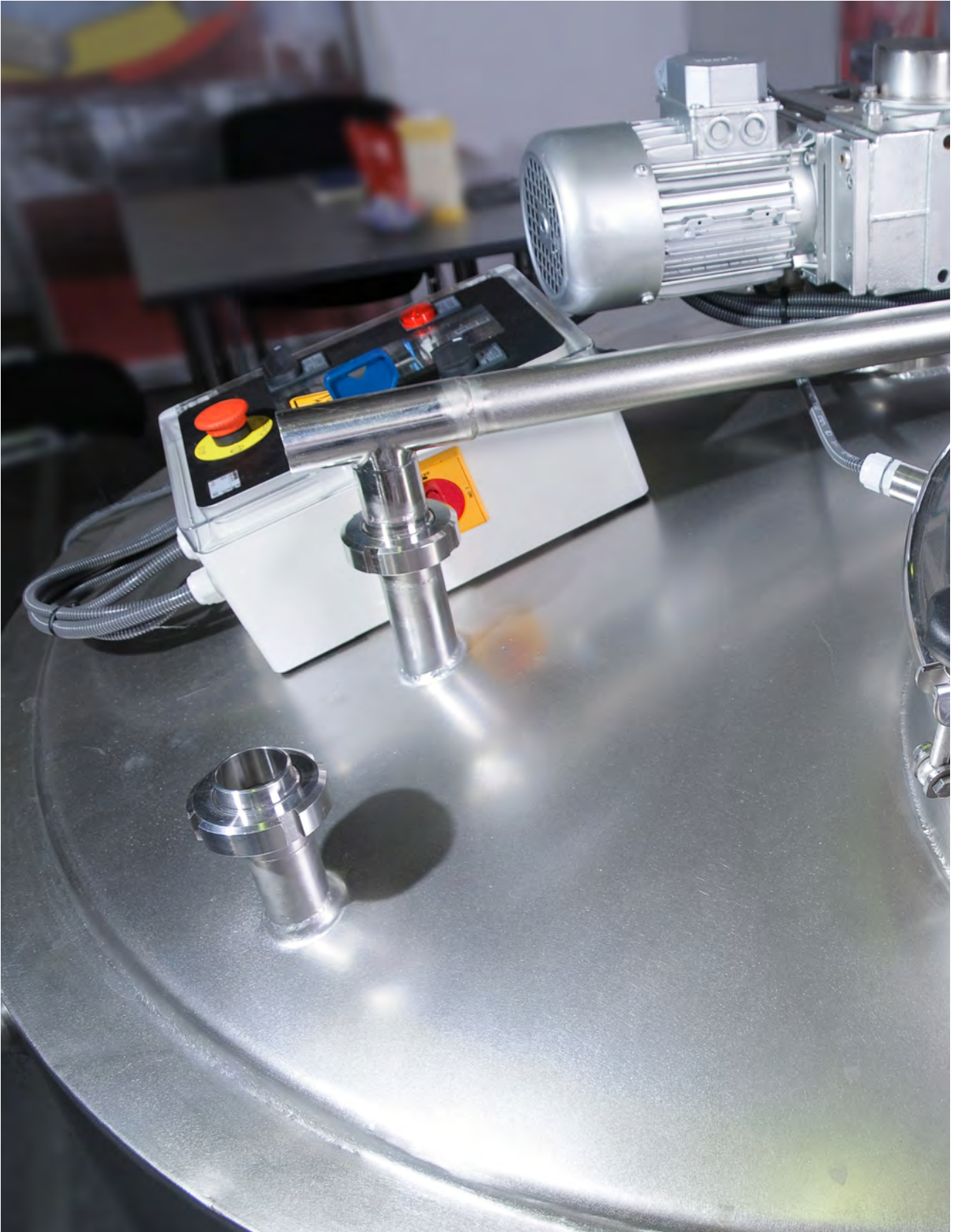
Description: Using this accessory the cover can be hinged. Machining is required.
Material: Polycarbonate.
Finish: RAL 7035.
Pack quantity: Set of 2 hinges with mounting accessories.

Item no.
DSHI1E



03

Terminal Boxes

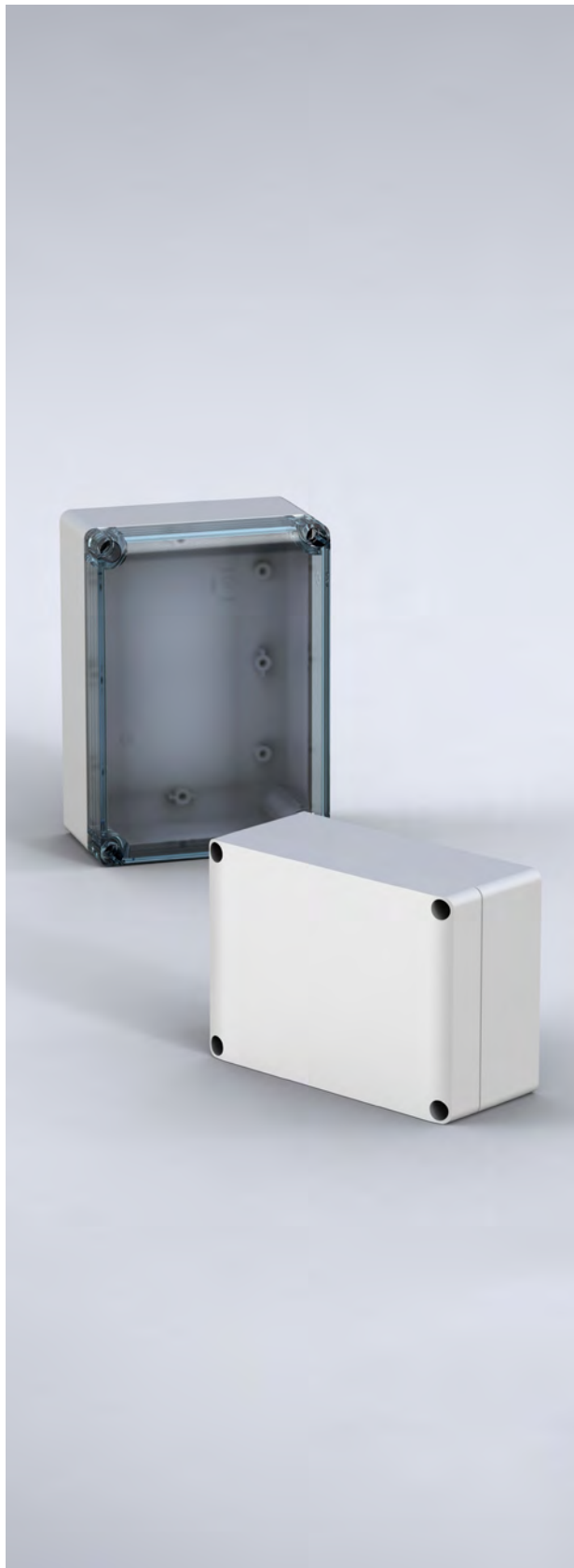


Terminal Boxes

ABS Range

Small ABS terminal box | SABP

IP 66,67 | IK 06/07



Description:

ABS box, halogen-free, suitable for indoor use. Low UV radiation resistance.

Material:

ABS.

Gasket:

Polyurethane gasket integrated in the box cover.

Temperature resistance:

-40°C to +60°C.

Flammability:

UL94 HB.

Protection:

IP 66, 67 | IK 06 (-25°C), IK 07 (+35°C).

Finish:

RAL 7035.

Approvals:

CE, GOST.

Delivery:

Body, cover, cover screws made of polyamide and mounting screws.

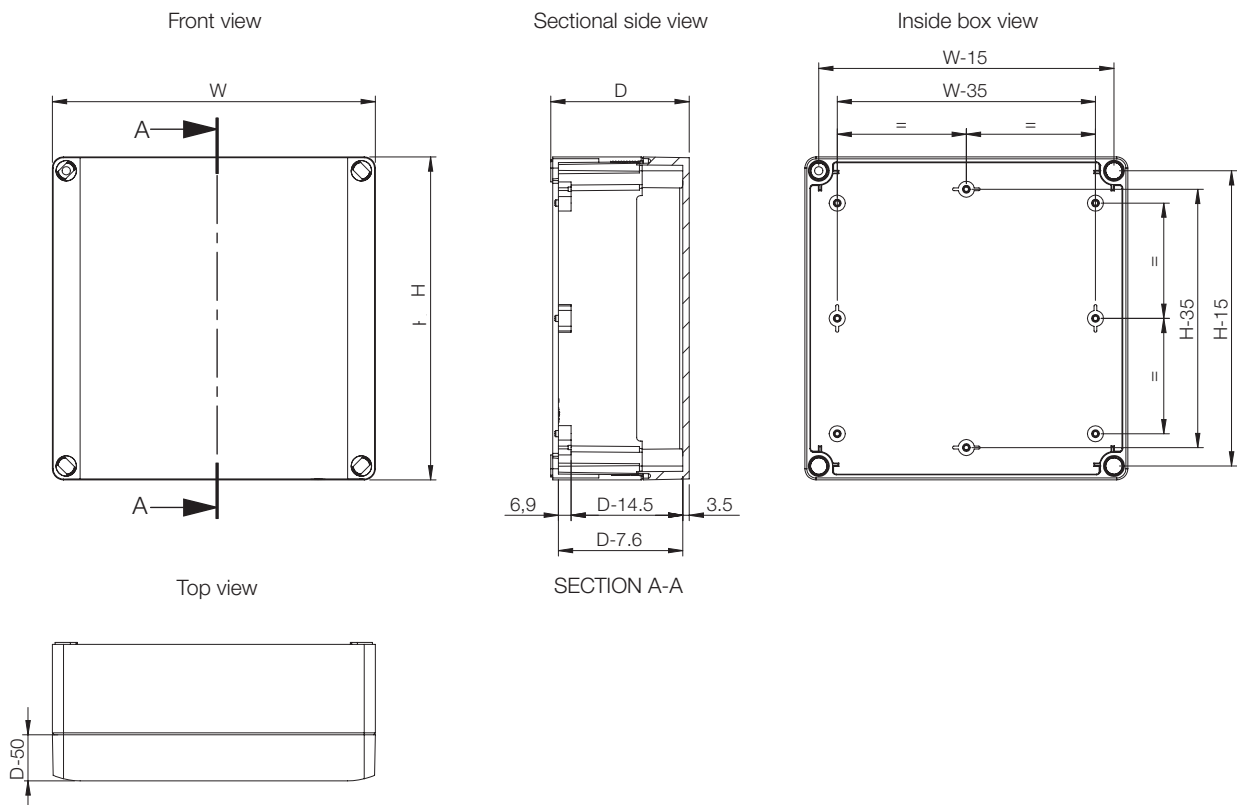


IP 66,67 | IK 06/07

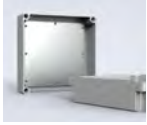




Box dimension			Inner depth (mm)	Item no.
H	W	D		
75	125	75	60.5	SABP081308GE
75	125	100	85.5	SABP081310GE
75	125	125	110.5	SABP081313GE
125	125	75	60.5	SABP131308GE
125	125	100	85.5	SABP131310GE
125	125	125	110.5	SABP131313GE
125	175	75	60.5	SABP131808GE
125	175	100	85.5	SABP131810GE
125	175	125	110.5	SABP131813GE
125	175	150	135.5	SABP131815GE
175	175	75	60.5	SABP181808GE
175	175	100	85.5	SABP181810GE
175	175	125	110.5	SABP181813GE
175	175	150	135.5	SABP181815GE
175	250	75	60.5	SABP182508GE
175	250	100	85.5	SABP182510GE
175	250	150	135.5	SABP182515GE

Note: Terminal box with transparent cover fitted can be ordered by replacing GE with TE in the item number. Terminal box made of polycarbonate can be ordered by replacing SABP with SPCP in the item number.

Dimensional drawing | SABP



Accessories selection matrix | SABP

								
Box				Mounting		Fixing	Cover	
	H	W	D	Mounting plate	DIN rail	Wall mounting brackets	Cover plugs	Hinges
SABP081308GE	75	125	75	SMP0813E	DR350404E/DR350904E	SFL1E	SCP08E	DSHI1E
SABP081310GE	75	125	100	SMP0813E	DR350404E/DR350904E	SFL1E	SCP10E	DSHI1E
SABP081313GE	75	125	125	SMP0813E	DR350404E/DR350904E	SFL1E	SCP1315E	DSHI1E
SABP131308GE	125	125	75	SMP1313E	DR350904E	SFL1E	SCP08E	DSHI1E
SABP131310GE	125	125	100	SMP1313E	DR350904E	SFL1E	SCP10E	DSHI1E
SABP131313GE	125	125	125	SMP1313E	DR350904E	SFL1E	SCP1315E	DSHI1E
SABP131808GE	125	175	75	SMP1318E	DR350904E/DR351404E	SFL1E	SCP08E	DSHI1E
SABP131810GE	125	175	100	SMP1318E	DR350904E/DR351404E	SFL1E	SCP10E	DSHI1E
SABP131813GE	125	175	125	SMP1318E	DR350904E/DR351404E	SFL1E	SCP1315E	DSHI1E
SABP131815GE	125	175	150	SMP1318E	DR350904E/DR351404E	SFL1E	SCP1315E	DSHI1E
SABP181808GE	175	175	75	SMP1818E	DR351404E	SFL1E	SCP08E	DSHI1E
SABP181810GE	175	175	100	SMP1818E	DR351404E	SFL1E	SCP10E	DSHI1E
SABP181813GE	175	175	125	SMP1818E	DR351404E	SFL1E	SCP1315E	DSHI1E
SABP181815GE	175	175	150	SMP1818E	DR351404E	SFL1E	SCP1315E	DSHI1E
SABP182508GE	175	250	75	SMP1825E	DR351404E/DR352154E	SFL1E	SCP08E	DSHI1E
SABP182510GE	175	250	100	SMP1825E	DR351404E/DR352154E	SFL1E	SCP10E	DSHI1E
SABP182515GE	175	250	150	SMP1825E	DR351404E/DR352154E	SFL1E	SCP1315E	DSHI1E

Terminal Boxes ABS Range Accessories

Mounting plate, SMP

Description: Steel mounting plate for SABP boxes.
Material: 1.5 mm galvanized steel.
Pack quantity: 1 piece.

For box		Mounting plate dimensions		Item no.
H	W	h	w	
75	125	48	98	SMP0813E
125	125	98	98	SMP1313E
125	175	98	148	SMP1318E
175	175	148	148	SMP1818E
175	250	148	223	SMP1825E



DIN rail, DR2

Description: DIN rail 35 mm for SABP boxes.
Material: Galvanized steel.
Pack quantity: 1 piece.

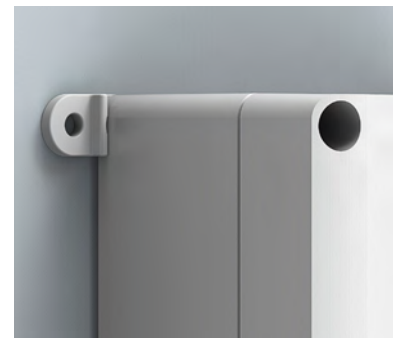
For enclosure		
H/W	W	Item no.
75		DR350404E
125		DR350904E
175		DR351404E
	250	DR352154E



Wall mounting brackets, SFL

Description: Mounting brackets for wall fixing.
Material: Polycarbonate.
Finish: RAL 7035.
Pack quantity: 4 brackets with mounting accessories.

Item no.
SFL1E



Terminal Boxes

ABS Range

Accessories

Hinges, DSHI

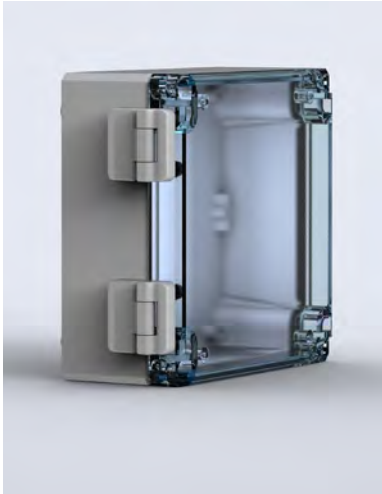
Description: Using this accessory the cover can be hinged. Machining is required.

Material: Polycarbonate.

Finish: RAL 7035.

Pack quantity: Set of 2 hinges with mounting accessories.

	Item no.
	DSHI1E



Cover plugs, SCP

Description: Cover plugs can be used in place of the cover screws located next to the hinge, if hinges are fitted.

Material: Polyethylene.

Pack quantity: 10 pieces.

For box		
D		Item no.
75		SCP08E
100		SCP10E
125, 150		SCP1315E





Terminal Boxes

ABS Range

Large ABS terminal box | OABP

IP 66,67 | IK 06/07



Description:

ABS box, halogen-free, suitable for indoor use. Low UV radiation resistance.

Material:

ABS.

Gasket:

Polyurethane gasket integrated in the box cover.

Temperature resistance:

-40°C to +60°C.

Flammability:

UL94 HB.

Protection:

IP 66, 67 | IK 06 (-25°C), IK 07 (+35°C).

Finish:

RAL 7035.

Approvals:

CE, GOST.

Delivery:

Body, cover, cover screws made from polyamide and mounting screws.



IP 66,67 | IK 06/07

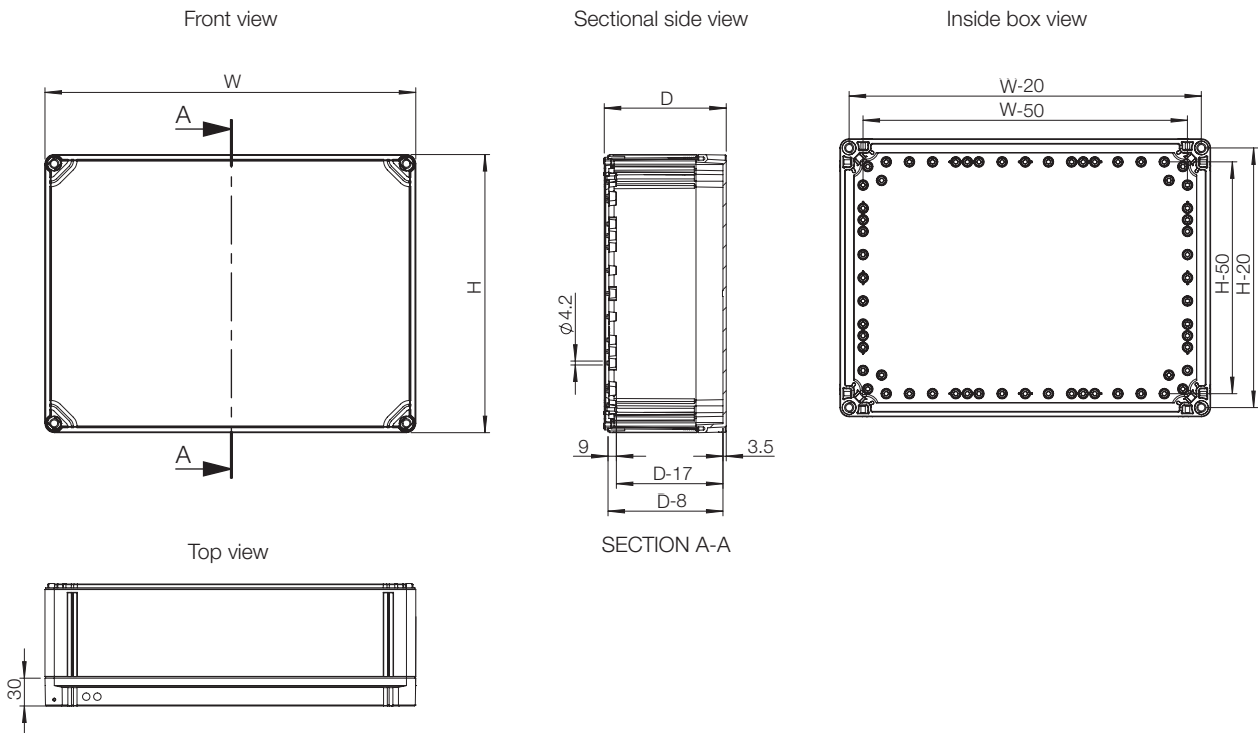
With grey cover

Box dimension			Inner depth (mm)	Item no.
H	W	D		
200	200	132	115	OABP202013GE
200	300	132	115	OABP203013GE
200	400	132	115	OABP204013GE
300	300	132	115	OABP303013GE
300	400	132	115	OABP304013GE
300	600	132	115	OABP306013GE
400	600	132	115	OABP406013GE

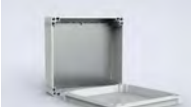



With transparent cover





Box dimension			Inner depth (mm)	Item no.
H	W	D		
200	200	132	115	OABP202013TE
200	300	132	115	OABP203013TE
200	400	132	115	OABP204013TE
300	300	132	115	OABP303013TE
300	400	132	115	OABP304013TE
300	600	132	115	OABP306013TE
400	600	132	115	OABP406013TE

Dimensional drawing | OABP



Accessories selection matrix | OABP

							
Box				Mounting			Fixing
	H	W	D	Mounting plate	Mounting plate depth adjustment kit	DIN rail	Wall mounting brackets
OABP202013GE	200	200	132	OMP2020E	OELA1.04E	DR351505E	OFL1E
OABP203013GE	200	300	132	OMP2030E	OELA1.04E	DR351505E/DR352505E	OFL1E
OABP204013GE	200	400	132	OMP2040E	OELA1.04E	DR351505E/DR353505E	OFL1E
OABP303013GE	300	300	132	OMP3030E	OELA1.04E	DR352505E	OFL1E
OABP304013GE	300	400	132	OMP3040E	OELA1.04E	DR352505E/DR353505E	OFL1E
OABP306013GE	300	600	132	OMP3060E	OELA1.04E	DR352505E	OFL1E
OABP406013GE	400	600	132	OMP4060E	OELA1.04E	DR353505E	OFL1E
OABP202013TE	200	200	132	OMP2020E	OELA1.04E	DR351505E	OFL1E
OABP203013TE	200	300	132	OMP2030E	OELA1.04E	DR351505E/DR352505E	OFL1E
OABP204013TE	200	400	132	OMP2040E	OELA1.04E	DR351505E/DR353505E	OFL1E
OABP303013TE	300	300	132	OMP3030E	OELA1.04E	DR352505E	OFL1E
OABP304013TE	300	400	132	OMP3040E	OELA1.04E	DR352505E/DR353505E	OFL1E
OABP306013TE	300	600	132	OMP3060E	OELA1.04E	DR352505E	OFL1E
OABP406013TE	400	600	132	OMP4060E	OELA1.04E	DR353505E	OFL1E

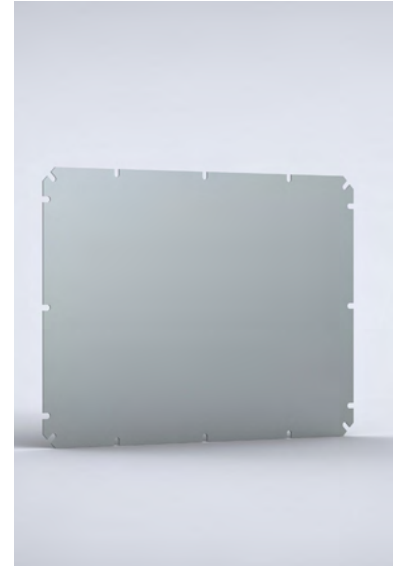
							
Box				Cover			Baying
	H	W	D	Hinges	Cover plugs	Wing screw	Extension frame
OABP202013GE	200	200	132	OHI1E	OCP1E	OLW55E	OPCP202006EE
OABP203013GE	200	300	132	OHI1E	OCP1E	OLW55E	OPCP203006EE
OABP204013GE	200	400	132	OHI1E	OCP1E	OLW55E	OPCP204006EE
OABP303013GE	300	300	132	OHI1E	OCP1E	OLW55E	OPCP303006EE
OABP304013GE	300	400	132	OHI1E	OCP1E	OLW55E	OPCP304006EE
OABP306013GE	300	600	132	OHI1E	OCP1E	OLW55E	OPCP306006EE
OABP406013GE	400	600	132	OHI1E	OCP1E	OLW55E	OPCP406006EE
OABP202013TE	200	200	132	OHI1E	OCP1E	OLW55E	OPCP202006EE
OABP203013TE	200	300	132	OHI1E	OCP1E	OLW55E	OPCP203006EE
OABP204013TE	200	400	132	OHI1E	OCP1E	OLW55E	OPCP204006EE
OABP303013TE	300	300	132	OHI1E	OCP1E	OLW55E	OPCP303006EE
OABP304013TE	300	400	132	OHI1E	OCP1E	OLW55E	OPCP304006EE
OABP306013TE	300	600	132	OHI1E	OCP1E	OLW55E	OPCP306006EE
OABP406013TE	400	600	132	OHI1E	OCP1E	OLW55E	OPCP406006EE

Terminal Boxes ABS Range Accessories

Mounting plate, OMP

Description: Steel mounting plate for OABP/OPCP boxes.
Material: 1.5 mm galvanized steel.
Pack quantity: 1 piece.

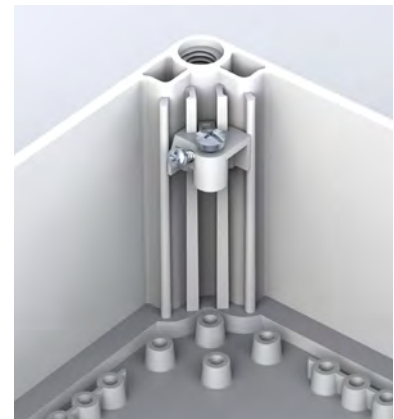
For box		Mounting plate dimensions		Item no.
H	W	h	w	
200	200	160	160	OMP2020E
200	300	160	260	OMP2030E
200	400	160	360	OMP2040E
300	300	260	260	OMP3030E
300	400	260	360	OMP3040E
300	600	260	560	OMP3060E
400	600	360	560	OMP4060E



Mounting plate depth adjustment kit, OEL

Description: Allows adjusting the mounting plate at any depth.
Pack quantity: OEL1E: 1 piece, and OELA1.04E: 4 pieces.

Item no.
OELA1.04E
OEL1E



DIN rail, DR3

Description: DIN rail 35 mm for OABP/OPCP boxes.
Material: Galvanized steel.
Pack quantity: 1 piece.

For box		Item no.
H/W		
200		DR351505E
300		DR352505E
400		DR353505E



Terminal Boxes

ABS Range

Accessories

Wall mounting brackets, OFL

Description: Mounting brackets for wall fixing. Can be mounted in three different directions and will support approximately a load of 600 N.

Material: Polyamide.

Finish: RAL 7035.

Pack quantity: 4 brackets with mounting accessories.

Item no.
OFL1E



Hinges, OHI

Description: Using this accessory the cover can be hinged. Machining is required.

Material: Polycarbonate.

Finish: RAL 7035.

Pack quantity: Set of 2 hinges with mounting accessories.

Item no.
OHI1E



Cover plugs, OCP

Description: Cover plugs can be used in place of the cover screws located next to the hinge, if hinges are fitted.

Material: Polyethylene.

Pack quantity: 12 pieces.

Item no.
OCP1E



Wing screw, OLW

Description: Wing screws can be used in place of each terminal box cover screw, which will allow easier access. If hinges are fitted to the terminal box, only two wing screws will be required and must be fitted opposite the hinge.

Pack quantity: 24 pieces.

Item no.
OLW55E



Polycarbonate extension frame, OPCP-EE

Description: Depth extension frame is to be used when extra depth is required in the OABP/OPCP terminal boxes.

Material: Polycarbonate.

Pack quantity: 1 piece.



For box				Item no.
H	W	D		
200	200	55		OPCP202006EE
200	300	55		OPCP203006EE
200	400	55		OPCP204006EE
300	300	55		OPCP303006EE
300	400	55		OPCP304006EE
300	600	55		OPCP306006EE
400	600	55		OPCP406006EE



Terminal Boxes

Polycarbonate Range

Typical Application | Polycarbonate Range

Chemical industries

Outdoor machinery

Windmills



Polycarbonate terminal boxes are light, flame retardant and have a high corrosion resistance. They make an ideal cost-effective solution for both indoor and outdoor installations. The cover can be in RAL7035 or transparent, which allows the status of internal components to be checked.

Polycarbonate is easy to machine using standard tools, which simplifies any modification required at a later stage. This ease of construction allows final design decisions to be postponed.



Train equipment

This OPCP polycarbonate terminal box is installed on the bottom part of a train. The choice for the OPCP box was done because of its dimension, which adapts perfectly to the space suited on the train for it and because of its ability to withstand the continuous vibrations and movement, as well as changing environmental and temperature conditions. The box was equipped with several cable glands of different sizes to allow the entry of the cables for making the connections in the terminal blocks placed inside the enclosure.



Parlour control system for cow feeding

This polycarbonate box is used to feed cows in farms. As the cows enter the parlour, you just key in the cow number and press feed, and the correct ration is delivered to the next available stall on the current parlour side. The box was selected because of its appropriate dimensions that made it possible to be fixed using wall mounting brackets and because of the transparent cover. The enclosure cover was delivered with the push buttons, which are pressed when the cows are ready to be fed, already installed.



Different designs available

Eldon offers several standard polycarbonate terminal boxes designs, each with its own range of accessories and with different dimensions. This gives customers the opportunity to choose the box that suits their specific application.



Single units available

Eldon offers single units for all polycarbonate terminal boxes, even for the smallest ones. Customers can order the exact number of terminal boxes that their applications need.



High protection

IP 66/67 is the standard protection for our polycarbonate terminal boxes. They are tested by independent laboratories and certificates can be provided to confirm that the requirements for the standard are met.



Fixation done outside the protected space of the enclosure

Fixation is done via separate tube-like castings in the box, outside of the protected area. This avoids additional fixation work on the box, eliminating the risk of reducing the IP rating.

Terminal Boxes

Polycarbonate Range

Polycarbonate terminal box | DPCP

IP 66,67 | IK 08



Description:

Polycarbonate box, halogen-free, suitable for outdoor use. High UV radiation resistance. Self-extinguising.

Material:

Polycarbonate.

Gasket:

Polyurethane gasket integrated in the box cover.

Temperature resistance:

-40°C to +80°C.

Flammability:

UL746C 5V.

Protection:

IP 66, 67 | IK 08 (-25°C...+35°C).

Finish:

RAL 7035.

Approvals:

CE, GOST. For cULus_UL Listed approvals, please contact our sales department.

Delivery:

Body, cover, cover screws made of stainless steel, mounting screws and cover plugs made of polyamide.

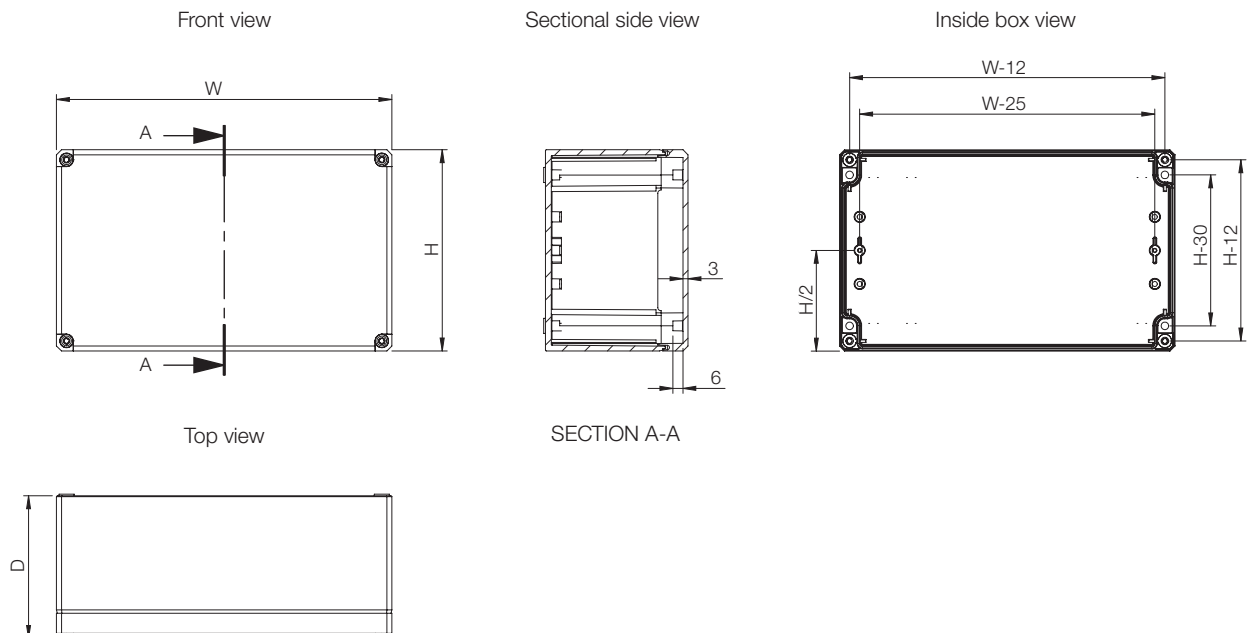


IP 66,67 | IK 08





Box dimension				
H	W	D	Inner depth (mm)	Item no.
53	55	36	27.5	DPCP050504GE
53	65	36	25	DPCP050704GE
80	82	56	42	DPCP080806GE
80	82	86	72	DPCP080809GE
80	120	56	42	DPCP081206GE
80	120	86	72	DPCP081209GE
80	160	56	42	DPCP081606GE
80	160	86	72	DPCP081609GE
120	122	56	42	DPCP121206GE
120	122	86	72	DPCP121209GE
120	160	91	77.5	DPCP121609GE
120	200	86	72	DPCP122009GE
150	200	76	62	DPCP152008GE
160	240	91	77.5	DPCP162409GE
160	240	121	107.5	DPCP162412GE
230	300	86	72.5	DPCP233009GE
230	300	111	97.5	DPCP233011GE

Note: Terminal box with transparent cover fitted can be ordered by replacing GE with TE in the item number.

Dimensional drawing | DPCP



Accessories selection matrix | DPCP

							
Box				Mounting		Fixing	Cover
	H	W	D	Mounting plate	DIN rail	Wall mounting brackets	Hinges
DPCP050504GE	53	55	36	-	-	DFL1E	DSH1E
DPCP050704GE	53	65	36	-	-	DFL1E	DSH1E
DPCP080806GE	80	82	56	DMP0808E	DR350584E	DFL1E	DSH1E
DPCP080809GE	80	82	86	DMP0808E	DR350584E	DFL1E	DSH1E
DPCP081206GE	80	120	56	DMP0812E	DR350964E	DFL1E	DSH1E
DPCP081209GE	80	120	86	DMP0812E	DR350964E	DFL1E	DSH1E
DPCP081606GE	80	160	56	DMP0816E	DR351364E	DFL1E	DSH1E
DPCP081609GE	80	160	86	DMP0816E	DR351364E	DFL1E	DSH1E
DPCP121206GE	120	122	56	DMP1212E	DR350964E	DFL1E	DSH1E
DPCP121209GE	120	122	86	DMP1212E	DR350964E	DFL1E	DSH1E
DPCP121609GE	120	160	91	DMP1216E	DR351364E	DFL1E	DSH1E
DPCP122009GE	120	200	86	DMP1220E	DR351764E	DFL1E	DSH1E
DPCP152008GE	150	200	76	DMP1520E	DR351604E	DFL1E	DSH1E
DPCP162409GE	160	240	91	DMP1624E	DR352154E	DFL1E	DSH1E
DPCP162412GE	160	240	121	DMP1624E	DR352154E	DFL1E	DSH1E
DPCP233009GE	230	300	86	DMP2330E	DR352754E	DFL1E	DSH1E
DPCP233011GE	230	300	111	DMP2330E	DR352754E	DFL1E	DSH1E

Terminal Boxes Polycarbonate Range Accessories

Mounting plate, DMP

Description: Steel mounting plate for DABP/DPCP boxes.
Material: 1.5 mm galvanized steel.
Pack quantity: 1 piece.

For box		Mounting plate dimensions		Item no.
H	W	h	w	
80	82	55	68	DMP0808E
80	120	65	93	DMP0812E
80	160	65	133	DMP0816E
120	122	105	95	DMP1212E
120	160	105	132	DMP1216E
120	200	105	172	DMP1220E
150	200	133	172	DMP1520E
160	240	145	213	DMP1624E
230	300	210	285	DMP2330E



DIN rail, DR

Description: DIN rail 35 mm for DABP/DPCP boxes.
Material: Galvanized steel.
Pack quantity: 1 piece.

For box	Item no.
W	
82	DR350584E
120/122	DR350964E
160	DR351364E
200 *	DR351604E
200 **	DR351764E
250	DR352154E
300	DR352754E

* DABP152008GE and DPCP152008GE
 ** DABP122009GE and DPCP122009GE



Wall mounting brackets, DFL

Description: Mounting brackets for wall fixing.
Material: Polycarbonate.
Finish: RAL 7035.
Pack quantity: 4 brackets with mounting accessories.

Item no.
DFL1E



Terminal Boxes

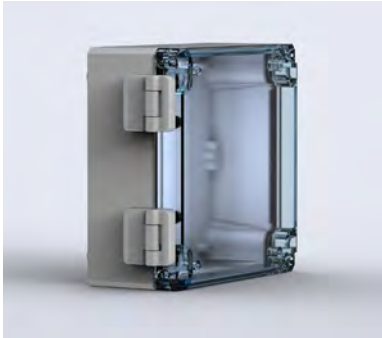
Polycarbonate Range

Accessories

Hinges, DSHI

- Description:** Using this accessory the cover can be hinged. Machining is required.
- Material:** Polycarbonate.
- Finish:** RAL 7035.
- Pack quantity:** Set of 2 hinges with mounting accessories.

Item no.
DSHI1E





Terminal Boxes

Polycarbonate Range

Large polycarbonate terminal box | OPCP

IP 66, 67 | IK 08



Description:

Polycarbonate box, halogen-free, suitable for outdoor use. High UV radiation resistance.

Material:

Polycarbonate.

Gasket:

Polyurethane gasket integrated in the box cover.

Temperature resistance:

-40°C to +80°C.

Flammability:

UL746C 5V.

Protection:

IP 66, 67 | IK 08 (-25°C...+35°C).

Finish:

RAL 7035.

Approvals:

CE, GOST. For cULus_UL Listed, please contact our sales department.

Delivery:

Body, cover, cover screws made from polyamide and mounting screws.



IP 66, 67 | IK 08

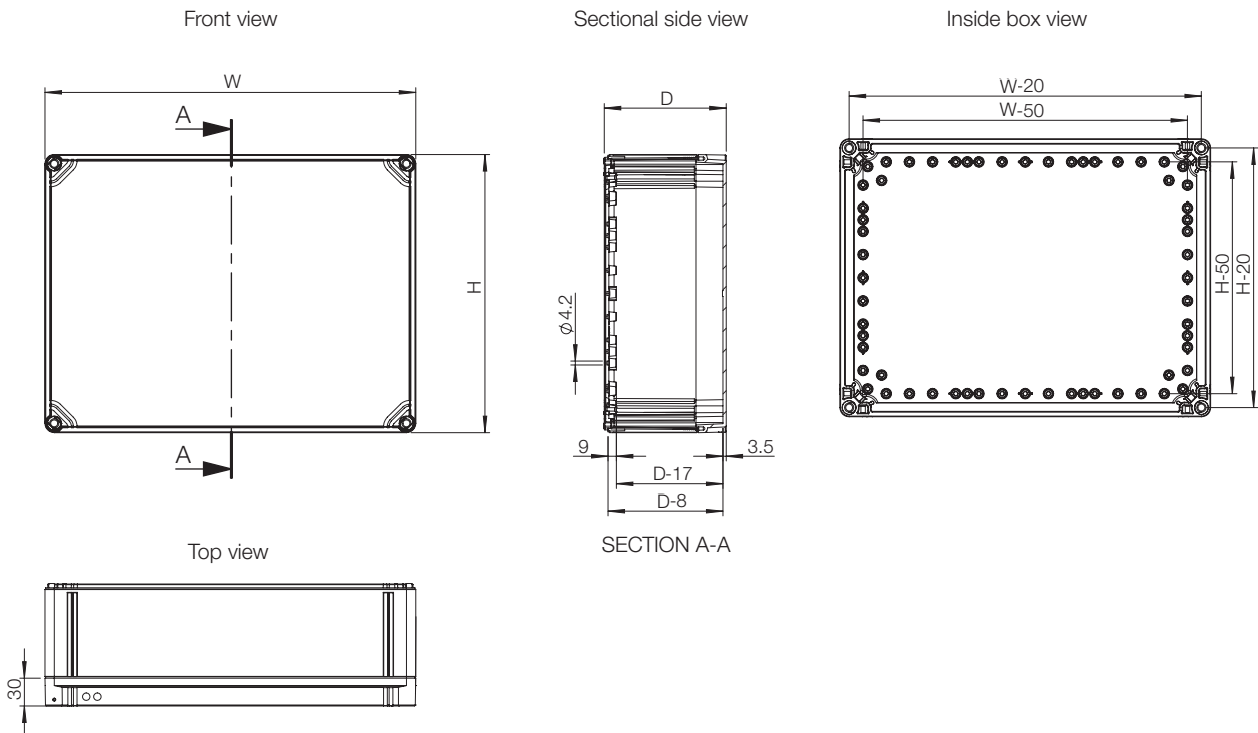
With grey cover

Box dimension			Inner depth (mm)	Item no.
H	W	D		
200	200	132	115	OPCP202013GE
200	300	132	115	OPCP203013GE
200	400	132	115	OPCP204013GE
300	300	132	115	OPCP303013GE
300	400	132	115	OPCP304013GE
300	600	132	115	OPCP306013GE
400	600	132	115	OPCP406013GE

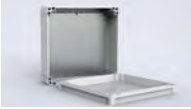



With transparent cover





Box dimension			Inner depth (mm)	Item no.
H	W	D		
200	200	132	115	OPCP202013TE
200	300	132	115	OPCP203013TE
200	400	132	115	OPCP204013TE
300	300	132	115	OPCP303013TE
300	400	132	115	OPCP304013TE
300	600	132	115	OPCP306013TE
400	600	132	115	OPCP406013TE

Dimensional drawing | OPCP



Accessories selection matrix | OPCP

							
Box				Mounting			Fixing
	H	W	D	Mounting plate	Mounting plate depth adjustment kit	DIN rail	Wall mounting brackets
OPCP202013GE	200	200	132	OMP2020E	OELA1.04E	DR351505E	OFL1E
OPCP203013GE	200	300	132	OMP2030E	OELA1.04E	DR351505E/DR352505E	OFL1E
OPCP204013GE	200	400	132	OMP2040E	OELA1.04E	DR351505E/DR353505E	OFL1E
OPCP303013GE	300	300	132	OMP3030E	OELA1.04E	DR352505E	OFL1E
OPCP304013GE	300	400	132	OMP3040E	OELA1.04E	DR352505E/DR353505E	OFL1E
OPCP306013GE	300	600	132	OMP3060E	OELA1.04E	DR352505E	OFL1E
OPCP406013GE	400	600	132	OMP4060E	OELA1.04E	DR353505E	OFL1E
OPCP202013TE	200	200	132	OMP2020E	OELA1.04E	DR351505E	OFL1E
OPCP203013TE	200	300	132	OMP2030E	OELA1.04E	DR351505E/DR352505E	OFL1E
OPCP204013TE	200	400	132	OMP2040E	OELA1.04E	DR351505E/DR353505E	OFL1E
OPCP303013TE	300	300	132	OMP3030E	OELA1.04E	DR352505E	OFL1E
OPCP304013TE	300	400	132	OMP3040E	OELA1.04E	DR352505E/DR353505E	OFL1E
OPCP306013TE	300	600	132	OMP3060E	OELA1.04E	DR352505E	OFL1E
OPCP406013TE	400	600	132	OMP4060E	OELA1.04E	DR353505E	OFL1E

							
Box				Cover			Baying
	H	W	D	Hinges	Cover plugs	Wing screw	Extension frame
OPCP202013GE	200	200	132	OH1E	OCP1E	OLW55E	OPCP202006EE
OPCP203013GE	200	300	132	OH1E	OCP1E	OLW55E	OPCP203006EE
OPCP204013GE	200	400	132	OH1E	OCP1E	OLW55E	OPCP204006EE
OPCP303013GE	300	300	132	OH1E	OCP1E	OLW55E	OPCP303006EE
OPCP304013GE	300	400	132	OH1E	OCP1E	OLW55E	OPCP304006EE
OPCP306013GE	300	600	132	OH1E	OCP1E	OLW55E	OPCP306006EE
OPCP406013GE	400	600	132	OH1E	OCP1E	OLW55E	OPCP406006EE
OPCP202013TE	200	200	132	OH1E	OCP1E	OLW55E	OPCP202006EE
OPCP203013TE	200	300	132	OH1E	OCP1E	OLW55E	OPCP203006EE
OPCP204013TE	200	400	132	OH1E	OCP1E	OLW55E	OPCP204006EE
OPCP303013TE	300	300	132	OH1E	OCP1E	OLW55E	OPCP303006EE
OPCP304013TE	300	400	132	OH1E	OCP1E	OLW55E	OPCP304006EE
OPCP306013TE	300	600	132	OH1E	OCP1E	OLW55E	OPCP306006EE
OPCP406013TE	400	600	132	OH1E	OCP1E	OLW55E	OPCP406006EE

Terminal Boxes Polycarbonate Range Accessories

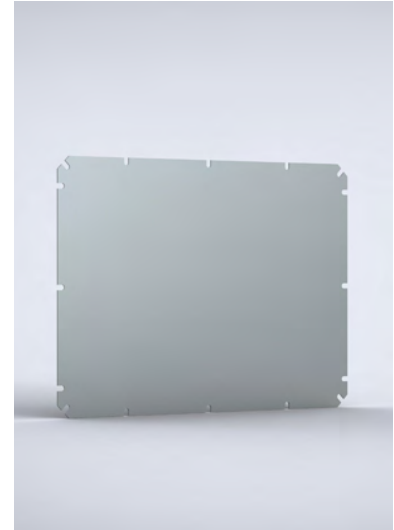
Mounting plate, OMP

Description: Steel mounting plate for OABP/OPCP boxes.

Material: 1.5 mm galvanized steel.

Pack quantity: 1 piece.

For box		Mounting plate dimensions		Item no.
H	W	h	w	
200	200	160	160	OMP2020E
200	300	160	260	OMP2030E
200	400	160	360	OMP2040E
300	300	260	260	OMP3030E
300	400	260	360	OMP3040E
300	600	260	560	OMP3060E
400	600	360	560	OMP4060E

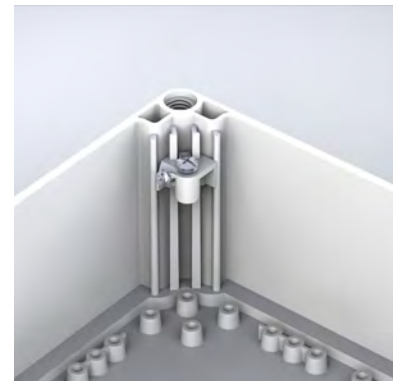


Mounting plate depth adjustment kit, OEL

Description: Allows adjusting the mounting plate at any depth.

Pack quantity: OEL1E: 1 piece, and OELA1.04E: 4 pieces.

Item no.
OELA1.04E
OEL1E



DIN rail, DR3

Description: DIN rail 35 mm for OABP/OPCP boxes.

Material: Galvanized steel.

Pack quantity: 1 piece.

For box	Item no.
H/W	
200	DR351505E
300	DR352505E
400	DR353505E



Terminal Boxes

Polycarbonate Range

Accessories

Wall mounting brackets, OFL

- Description:** Mounting brackets for wall fixing. Can be mounted in three different directions and will support approximately a load of 600 N.
- Material:** Polyamide.
- Finish:** RAL 7035.
- Pack quantity:** 4 brackets with mounting accessories.

Item no.
OFL1E



Hinges, OHI

- Description:** Using this accessory the cover can be hinged. Machining is required.
- Material:** Polycarbonate.
- Finish:** RAL 7035.
- Pack quantity:** Set of 2 hinges with mounting accessories.

Item no.
OHI1E



Cover plugs, OCP

- Description:** Cover plugs can be used in place of the cover screws located next to the hinge, if hinges are fitted.
- Material:** Polyethylene.
- Pack quantity:** 12 pieces.

Item no.
OCP1E



Wing screw, OLW

- Description:** Wing screws can be used in place of each terminal box cover screw, which will allow easier access. If hinges are fitted to the terminal box, only two wing screws will be required and must be fitted opposite the hinge.
- Pack quantity:** 24 pieces.

Item no.
OLW55E



Polycarbonate extension frame, OPCP-EE

Description: Depth extension frame is to be used when extra depth is required in the OABP/OPCP terminal boxes.

Material: Polycarbonate.

Pack quantity: 1 piece.



For box				Item no.
H	W	D		
200	200	55		OPCP202006EE
200	300	55		OPCP203006EE
200	400	55		OPCP204006EE
300	300	55		OPCP303006EE
300	400	55		OPCP304006EE
300	600	55		OPCP306006EE
400	600	55		OPCP406006EE







04 Human Machine Interface

PC Enclosure

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Human Machine Interface

The range of HMI products comprises PC enclosures, compact and combinable consoles, and swing arm systems with control housings.

The PC enclosure is based on the floor standing design and is suitable for office and factory environments. The console range is available in both mild steel and stainless steel, and the control housing range is available in mild steel and aluminium. Eldon's HMI range of products can be used, for example, for hosting control units, industrial PCs and display components.

The HMI range has been designed to comply with the standard for empty enclosures, IEC 62208, with various degrees of protection, including IP 44, 54, 55 and 66 according to IEC 60529, and IK 10 according to IEC 62262.

The consoles are available in two different designs, Compact and Combinable. The compact is made in one piece and the combinable consists of three different sections: base, desk and top section.

The control housing is available in mild steel and aluminium, complemented by two ranges of Swing Arm systems, made of aluminium, which can be configured modularly, and customized according to the specific requirements of the application at hand.

Certification has been obtained with GOST and EAC for the whole HMI range, and with UL and CSA for the consoles, which makes export easier, especially for machine builders.

The versions available are all designed around the same platform and can be tailored to customer needs by using the same set of standard accessories.

Human Machine Interface

PC Enclosure Range

Mild Steel

Typical Application | PC Enclosure

Process Automation

Machines



The PC enclosure is divided into three different sections and is delivered with dedicated PC accessories such as a keyboard tray, a transparent door, and shelves. The different sections of the enclosure allow easy accommodation of computer equipment. The monitor is placed in the top section, the keyboard and mouse in the middle, and a printer or any other electrical equipment in the lower. This solution provides good protection for the computer equipment and accessories in industrial environments.



Process automation application

Designed for industrial applications and especially for applications in process industries such as the pulp & paper, metals, mining, cement or automotive, the MCM from Eldon not only looks good but has the intrinsic qualities required to deliver outstanding performance and reliability. Using the robust steel frame of the combinable floor standing range, it provides permanent and dependable protection for sensitive control electronics in arduous production environments with unique ergonomics. With numerous possible variations and a wide range of accessories, the MCM can be tailor-made for your demanding applications.



Machine builders

Normally the machines included in a manufacturing process require a local interface with the operator and, at the same time, they work integrated in a complete manufacturing process. In this steel machining process, the machine receives the input locally, through the compact console MPG, and the planification and machining databases are in the PC enclosed in the PC enclosure MCM.



Compatible with floor standing platform

The PC enclosure is based on the same design as the combinable floor standing range, allowing the use of the same internal accessories and door configurations. Combined with other enclosures, it creates a harmonized aesthetic impression.



Enhanced security

Special design of roof and side panels for theft security. Panels are only accessible when the doors are unlocked.



Customization options

Your own company name can be inserted in the top cover.



Modern design

Attractive two-tone colour (RAL 7035 & RAL 7015).

**Human Machine Interface
PC Enclosure Range | Mild Steel
Mild steel | MCM**

IP 44 | IK 10



**Material:**

Frame: 1.5 mm steel plate. Roof and side panels: 1.35 mm steel plate.
Doors: 2 mm steel plate. Bottom plates: 1 mm galvanized steel.

Frame:

Seam welded reversed open profiles with 25 mm hole pattern according to DIN 43660. Including integrated external hole pattern.

Door:

Mounted with two hinges per door. Top door with safety glass. Viewing area for 14"-21" monitor. Two C21323 locks for the top door, and espagnolette two point locking system with standard 3 mm double-bit lock for the bottom door.

Rear door:

Mounted with hinges allowing left or right hand opening. Including door frame with 25 mm hole pattern. Espagnolette four point locking system with standard 3 mm double-bit lock.

Keyboard panel:

Vertical opening keyboard panel. Sliding mouse pad allowing left or right hand use. Max keyboard dimensions: 470 x 190 x 45 mm. C21323 lock.

Bottom plates:

Consists of three or four (D > 600) pieces.

Finish:

Two tone finish. Doors, side panels, roof and frame in RAL 7035 structured powder coating. Keyboard side panels and monitor door top cover in RAL 7015 structured powder coating. Other colour schemes optional.

Features:

Special design of roof and side panels for theft security. All panels are only accessible when the doors are unlocked. Your own company name can be inserted in the top cover (option).

Protection:

IP 44 | IK 10. With keyboard tray opened corresponding with IP 30.

Approvals:

CE, GOST.

Mounting requirement:

Equipment shelves need to be added.

Delivery:

Frame with fitted rear door, side panels, roof panel, monitor door, keyboard panel, bottom plates and monitor shelf with clamps to fix the monitor. Delivery also includes earthing bolts. The enclosure is delivered on a pallet identical to the enclosure width. All packing material is recyclable.

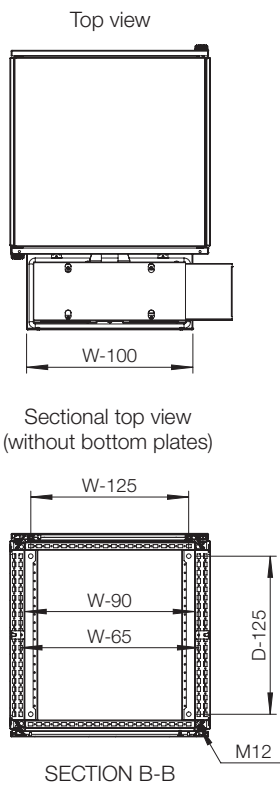
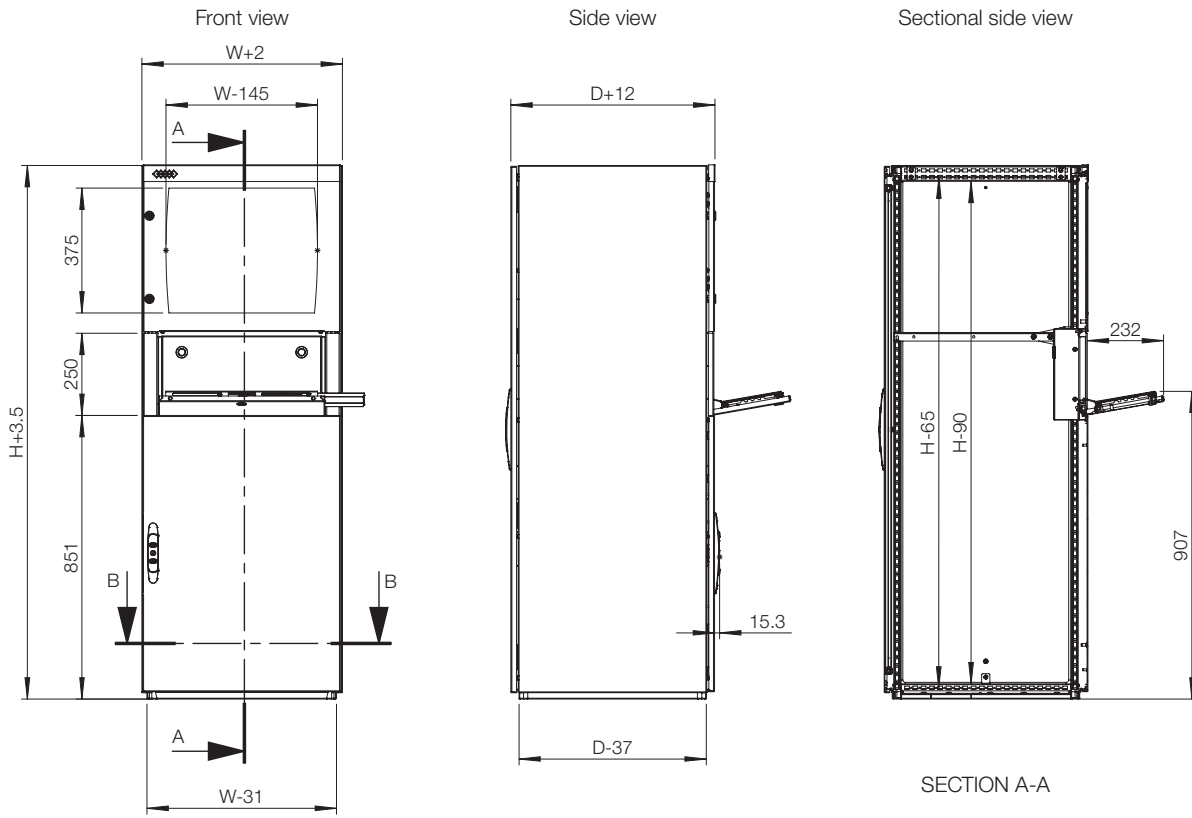


Dimensional table | MCM

IP 44 | IK 10

Enclosure dimensions			Item no.
H	W	D	
1600	600	600	MCM16066
1600	600	800	MCM16068





Human Machine Interface

Console Range

Mild steel

Typical Application | Mild Steel

Process automation

Machines



The compact Console has a sloping top panel and offers both front and rear access. The sloped (12°) top panel is for HMI components. Thanks to a mechanical panel retainer, it can be placed in an open position. The modular Console system is divided into three sections; base, middle and top. They can all be used together, e.g. base + top, or base + middle, or with one section only. This allows for multiple tailored solutions.



Process Automation Application

Eldon's mild steel enclosures are the perfect choice for machines where speed is of the essence in enhancing productivity in industries such as assembly, sheet metal processing, and fabricating systems. The MPG used in the application is flexible, easy to operate, with a robust design and available in a wide range of dimensions. The mild steel consoles were used for protecting control units, industrial PCs and display components.

IP 66 rate was considered the best choice to encapsulate critical and sensitive devices in such a demanding environment.



Machines

When it is required to send instructions to the machine locally, the MPG compact console is a perfect solution for assembling the HMI in the top panel. In the same console there is space available for electrical or communication components, which can be assembled in the mounting plate.



Convenient access

In both the compact and modular constructions panels are removable, which makes it easier to drill, make cut-outs, cabling and/or mounting internal components. In addition, the rear panel is removable and it can be replaced by a rear door.



Wide range of dimensions

The compact and the modular console systems are available directly from stock in five different widths: 600, 800, 1000, 1200 and 1600 mm.



Increased IP protection

IP 66 | TYPE 4X, 12, 13 (single door)
IP 55 | TYPE 12, 13 (double door)



Adjustable mounting plate

The mounting plate can be adjusted in depth in steps of 25 mm by using the MPGDA accessory. In modular consoles, the mounting plate in the base unit can be adjusted in depth without the use of additional accessories.

**Human Machine Interface
Console Range | Mild Steel
Compact | MPG**

IP 66 | TYPE 4, 12, 13 | IK 10 (single door); IP 55 | TYPE 12, 13 | IK 10 (double door)



**Material:**

Body and door: 1.5 mm mild steel. Rear panel: 1.5 mm mild steel.
Bottom plates: 1.2 mm galvanized steel. Mounting plate: 2.5 mm galvanized steel.

Body:

Folded and seam welded. Console construction counts with a base that provides a distance between the floor and the lower part of the door/s acting as an integrated plinth.

Doors and panels:

Single folded surface mounted with hinges allowing left and right-hand opening to base door. Angle 12° from horizontal. Concealed hinges on top edge allow 90° opening. Panel held open by self engage/self release mechanical panel stay. Double door on 1200 and 1600 mm wide base units.

Mounting plate:

Standard mounting plate in base unit.

Lock:

Double-bit 3 mm locks for top panel. For base, two double-bit 3 mm locks. Other options available. See wall mounting section.

Cable inlet:

Bottom opening for cable access. Bottom plates for cable glanding supplied as standard.

Earthing:

M8 threaded studs on body, door, top panel and rear panel.

Finish:

RAL 7035 structured powder coating.

Protection:

Single door: IP 66 | TYPE 4, 12, 13 | IK 10. Double door: IP 55 | TYPE 12, 13 | IK 10.

Approvals:

CE, CSA, GOST, Kema Keur, Lloyds shipping, cULus_listed.

Delivery:

Mounting plate and suitable nuts and washers for earthing. The console is delivered on a wooden pallet.



Dimensional table | MPG

IP 66 | TYPE 4, 12, 13 | IK 10 (single door); IP 55 | TYPE 12, 13 | IK 10 (double door)

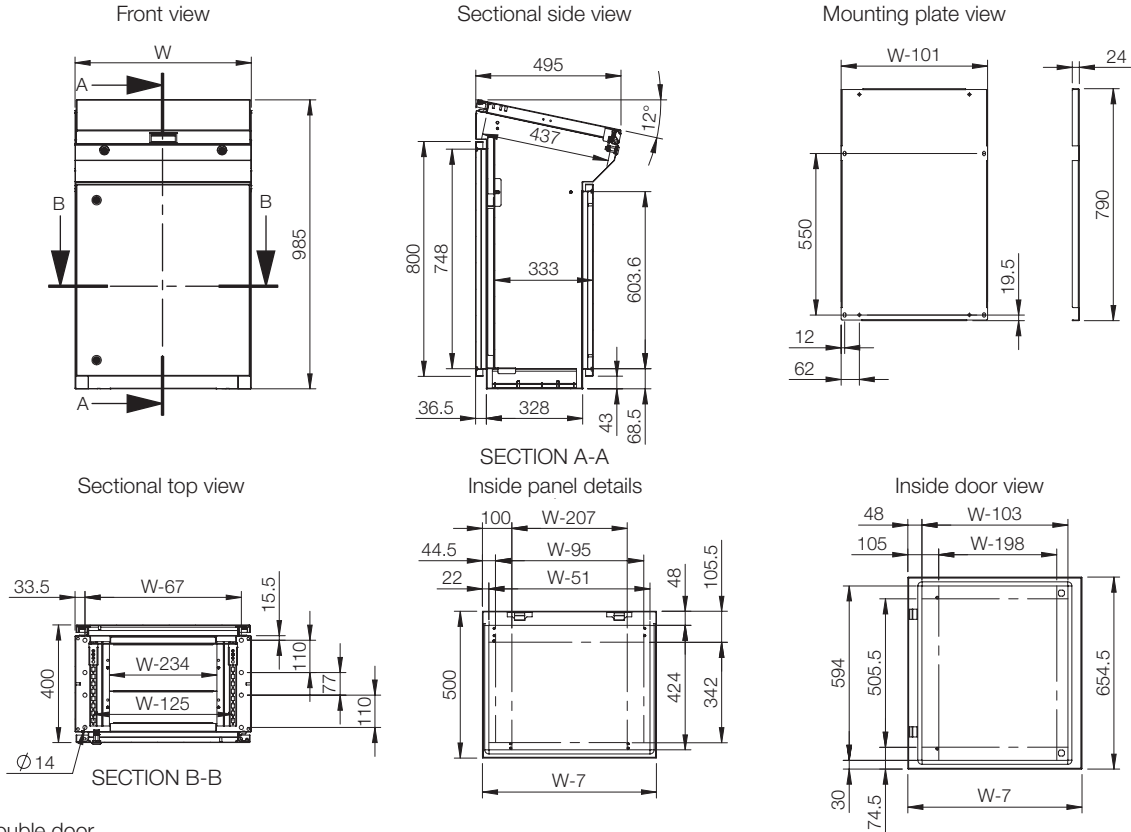
Mild steel

Enclosure dimensions			Mounting plate dimensions		Usable depth	Item no.
H	W	D	h	w	d	
985	600	400	790	499	333	MPG06R5
985	800	400	790	699	333	MPG08R5
985	1000	400	790	899	333	MPG10R5
985	1200	400	790	1099	333	MPG12R5
985	1600	400	790	1499	333	MPG16R5

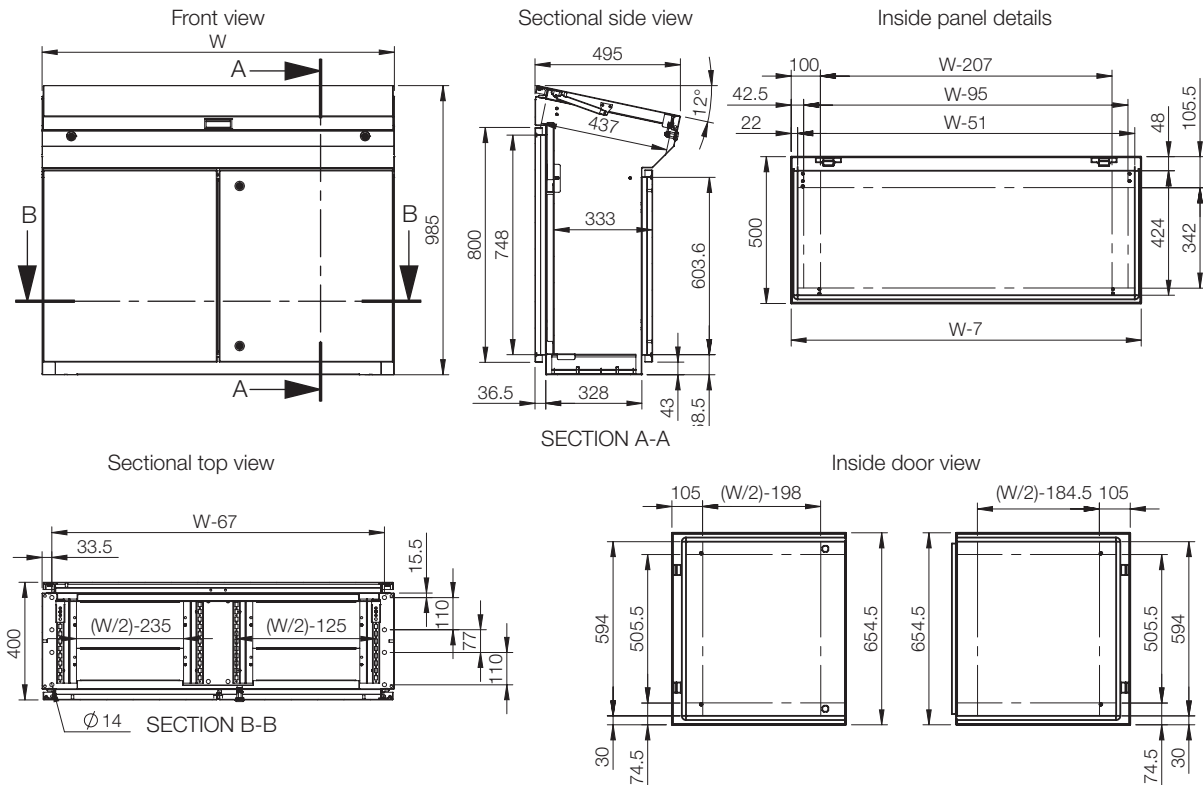
Note: Only 1200 mm and 1600 mm wide consoles have double door.



Single door



Double door



**Human Machine Interface
Console Range | Mild Steel
Modular | MPC**

IP 66 | TYPE 4, 12, 13 | IK 10 (single door); IP 55 | TYPE 12, 13 | IK 10 (double door)



**Material:**

Body and door: 1.5 mm mild steel. Rear panel: 1.5 mm mild steel.
Bottom plates: 1.2 mm galvanized steel. Mounting plate: 2.5 mm galvanized steel.

Body:

Folded and seam welded. Console construction counts with a base that provides a distance between the floor and the lower part of the door/s acting as an integrated plinth.

Doors and panels:

Single folded surface mounted with hinges allowing left and right-hand opening to base door. Top section and desk panels held open by self engage/self release mechanical panel stays. Concealed hinges allowing 90° opening on the desk. Double door on 1200 and 1600 mm wide base units.

Mounting plate:

Standard mounting plate in base unit. Fixed by fixing brackets on C rail, top and bottom for depth adjustment. Optional in desk and top section units.

Lock:

Double-bit 3 mm locks for top section and desk unit. For base, two double-bit 3 mm locks. Other options available. See wall mounting section.

Cable access:

Bottom opening in base unit for cable access. Bottom plates for cable glanding supplied as standard.

Earthing:

M8 threaded studs on bodies, doors and rear panels.

Finish:

RAL 7035 structured powder coating.

Protection:

Single door: IP 66 | TYPE 4, 12, 13 | IK 10.

Double door: IP 55 | TYPE 12, 13 | IK 10.

Approvals:

CE, CSA, GOST, Kema Keur, Lloyds shipping, cULus_listed.

Delivery:

The base unit is provided with a mounting plate as standard. Desk and top section units have mounting plates provided as accessories. All top and base openings can be closed by choosing the appropriate accessory plate. Suitable nuts and washers for the various earthing studs are provided.



Dimensional table | MPC

IP 66 | TYPE 4, 12, 13 | IK 10 (single door); IP 55 | TYPE 12, 13 | IK 10 (double door)

Top section units | Mild steel

Enclosure dimensions				Item no.
H	W	D		
500	600	494		MPC061R5
500	800	494		MPC081R5
500	1000	494		MPC101R5
500	1200	494		MPC121R5
500	1600	494		MPC161R5

Desk units | Mild steel

Enclosure dimensions				Item no.
H	W	D		
250	600	985		MPC062R5
250	800	985		MPC082R5
250	1000	985		MPC102R5
250	1200	985		MPC122R5
250	1600	985		MPC162R5

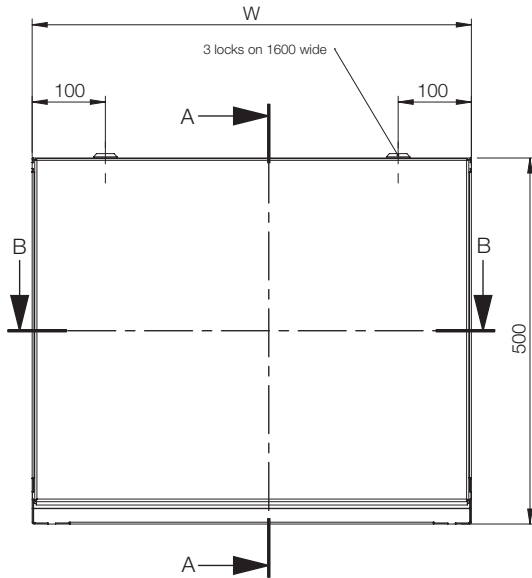
Base units with mounting plate | Mild steel

Enclosure dimensions			Mounting plate dimensions		Usable depth	Item no.
H	W	D	h	w	d	
700	600	500	590	499	470.5	MPC063R5
700	800	500	590	699	470.5	MPC083R5
700	1000	500	590	899	470.5	MPC103R5
700	1200	500	590	1099	470.5	MPC123R5
700	1600	500	590	1499	470.5	MPC163R5

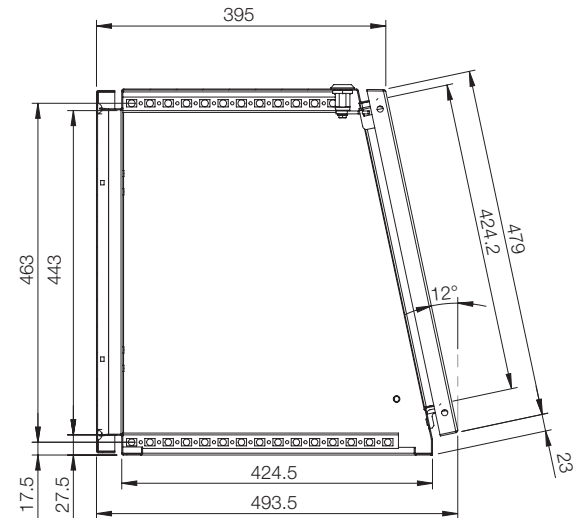
Note: Only 1200 mm and 1600 mm wide consoles have double door.

Top section units

Front view

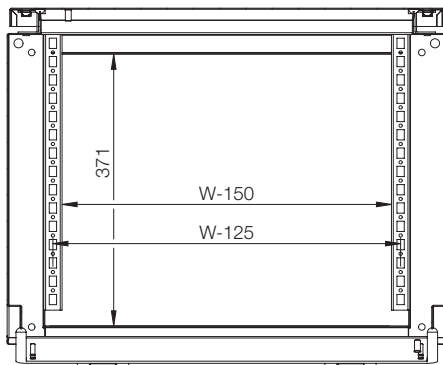


Sectional side view



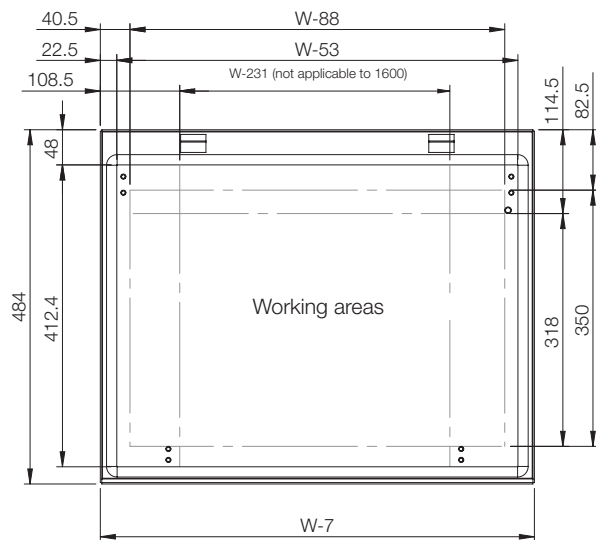
SECTION A-A

Sectional top view



SECTION B-B

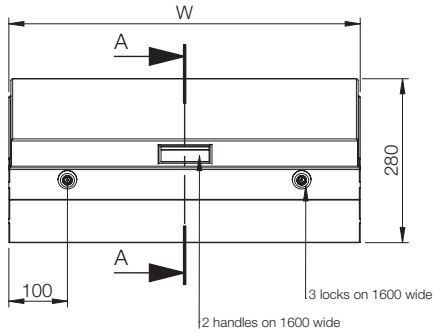
Inside panel view



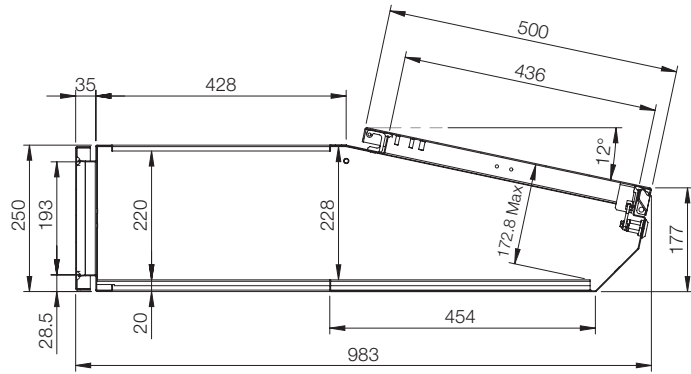
Dimensional drawing | MPC

Desk unit

Front view

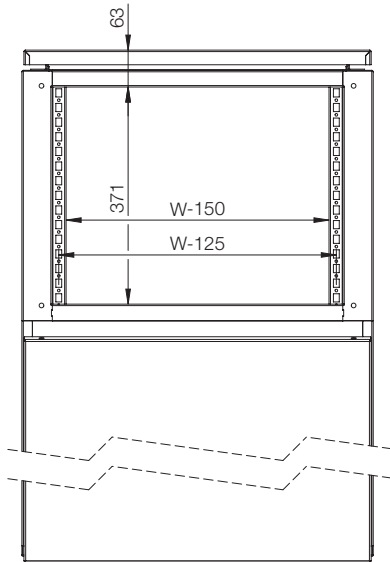


Sectional side view

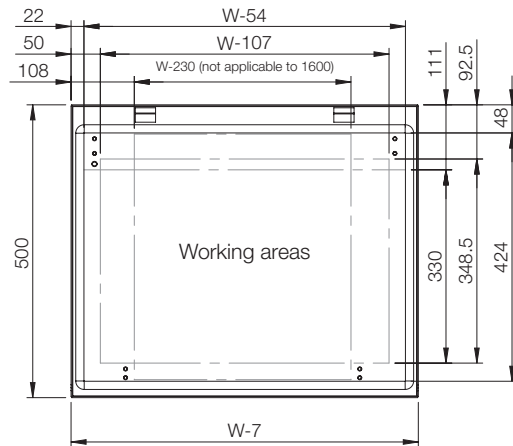


SECTION A-A

Top view

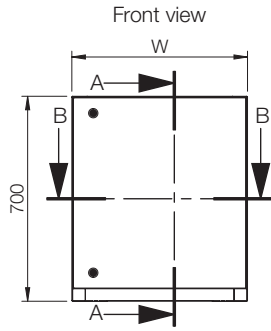


Inside panel view

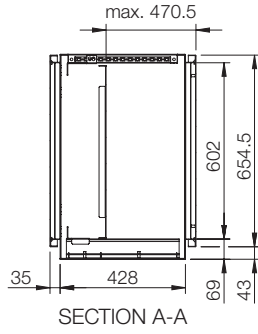


Base unit with mounting plate

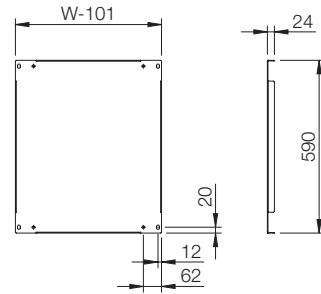
Single door



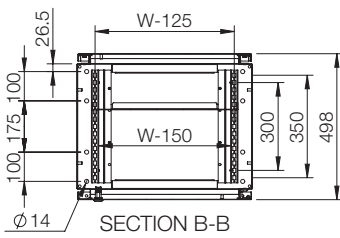
Sectional side view



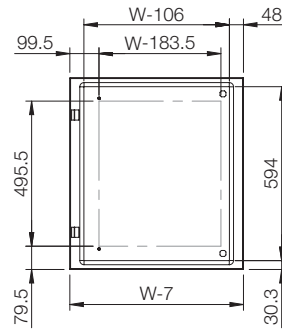
Mounting plate view



Sectional top view

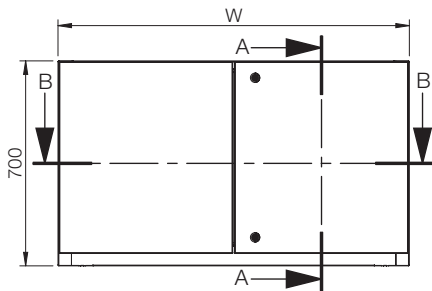


Inside door view

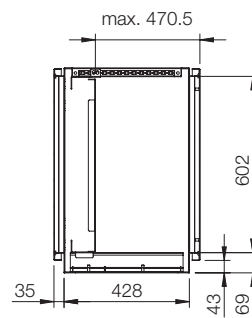


Double door

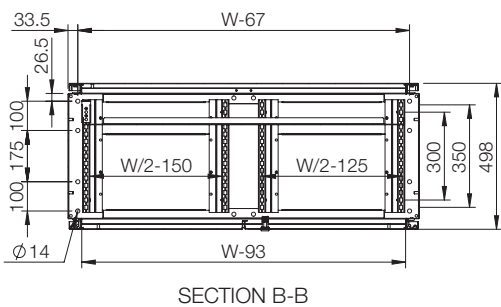
Front view



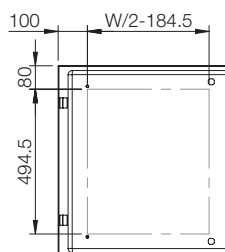
Sectional side view



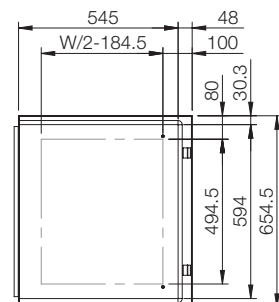
Sectional top view






Inside right door view












Inside left door view







Accessories selection matrix | MPG

						
Console				Mounting		
	H	W	D	Mounting plate	Mounting plate depth adjustment kit	Vertical mounting profiles
MPG06R5	985	600	400	GCPZ06	MPGDA01	KMB700
MPG08R5	985	800	400	GCPZ08	MPGDA01	KMB700
MPG10R5	985	1000	400	GCPZ10	MPGDA01	KMB700
MPG12R5	985	1200	400	GCPZ12	MPGDA01	KMB700
MPG16R5	985	1600	400	GCPZ16	MPGDA01	KMB700

							
Console				Fixing			
	H	W	D	Front/rear plinths (100 mm height)	Side plinths (100 mm height)	Front/rear plinths (200 mm height)	Side plinths (200 mm height)
MPG06R5	985	600	400	PF1060	PST1040	PF2060	PST2040
MPG08R5	985	800	400	PF1080	PST1040	PF2080	PST2040
MPG10R5	985	1000	400	PF1100	PST1040	PF2100	PST2040
MPG12R5	985	1200	400	PF1120	PST1040	PF2120	PST2040
MPG16R5	985	1600	400	2x PF1080	PST1040	2x PF2080	PST2040

								
Console				Mounting			Doors	
	H	W	D	Mounting plate	Segregation plate	Vertical mounting profiles	Cover plate	Stainless steel panel
MPC061R5	500	600	494	CDPZ06	-	-	-	MPPS061
MPC081R5	500	800	494	CDPZ08	-	-	-	MPPS081
MPC101R5	500	1000	494	CDPZ10	-	-	-	MPPS101
MPC121R5	500	1200	494	CDPZ12	-	-	-	MPPS121
MPC161R5	500	1600	494	CDPZ16	-	-	-	MPPS161
MPC062R5	250	600	985	CDPZ06	SGPZ06	-	BDP06R5	MPLS062
MPC082R5	250	800	985	CDPZ08	SGPZ08	-	BDP08R5	MPLS082
MPC102R5	250	1000	985	CDPZ10	SGPZ10	-	BDP10R5	MPLS102
MPC122R5	250	1200	985	CDPZ12	SGPZ12	-	BDP12R5	MPLS122
MPC162R5	250	1600	985	CDPZ16	SGPZ16	-	BDP16R5	MPLS162
MPC063R5	700	600	500	CBPZ06	-	KMB700	BDP06R5	-
MPC083R5	700	800	500	CBPZ08	-	KMB700	BDP08R5	-
MPC103R5	700	1000	500	CBPZ10	-	KMB700	BDP10R5	-
MPC123R5	700	1200	500	CBPZ12	-	KMB700	BDP12R5	-
MPC163R5	700	1600	500	CBPZ16	-	KMB700	BDP16R5	-

							
Console				Fixing			
	H	W	D	Front/rear plinths (100 mm height)	Plinth side panels (100 mm height)	Front/rear plinths (200 mm height)	Plinth side panels (200 mm height)
MPC061R5	500	600	494	-	-	-	-
MPC081R5	500	800	494	-	-	-	-
MPC101R5	500	1000	494	-	-	-	-
MPC121R5	500	1200	494	-	-	-	-
MPC161R5	500	1600	494	-	-	-	-
MPC062R5	250	600	985	-	-	-	-
MPC082R5	250	800	985	-	-	-	-
MPC102R5	250	1000	985	-	-	-	-
MPC122R5	250	1200	985	-	-	-	-
MPC162R5	250	1600	985	-	-	-	-
MPC063R5	700	600	500	PF1060	PST1050	PF2060	PST2050
MPC083R5	700	800	500	PF1080	PST1050	PF2080	PST2050
MPC103R5	700	1000	500	PF1100	PST1050	PF2100	PST2050
MPC123R5	700	1200	500	PF1120	PST1050	PF2120	PST2050
MPC163R5	700	1600	500	2x PF1080	PST1050	2x PF2080	PST2050



Human Machine Interface

Console Range

Stainless Steel

Typical Application | Stainless Steel

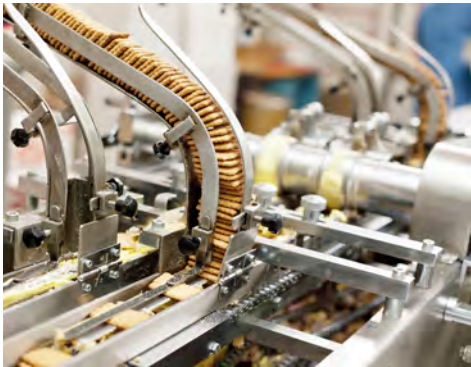
Food and Beverage

Oil and Gas

Water Treatment



The compact console has a sloping top panel and offers both front and rear access. The sloped (12°) top panel is for HMI components. Thanks to a mechanical panel retainer, it can be placed in an open position. The modular console system is divided into three sections; base, middle and top. They can all be used together, e.g. base + top or base + middle, or with one section only. This permits multiple tailored solutions.



Food and Beverage application

Eldon provides food and beverage machine builders with stainless steel single and double door consoles, with an IP 66 and 240s pre grained stainless steel finish, for mounting in machines producing a wide spectrum of products. Stainless steel consoles are flexible, easy to operate, have a robust design and come in a wide range of dimensions. They are successfully used for encapsulating control units, industrial PCs and display components. Due to IP 66 rate and their robustness, stainless steel consoles are the best choice to encapsulate critical and sensitive devices in demanding environments.



Convenient access

In both the compact and modular constructions panels are removable, which makes it easier to drill, make cut-outs, cabling and/or mounting internal components. In addition, the rear panel is removable and it can be replaced by a rear door.



Wide range of dimensions

The modular console systems are available directly from stock in five different widths: 600, 800, 1000, 1200 and 1600 mm.



Increased IP protection

IP 66 | TYPE 4X, 12, 13 (single door)
IP 55 | TYPE 12, 13 (double door)



Adjustable mounting plate

The mounting plate can be adjusted in depth in steps of 25 mm by using the MPGDA accessory. In modular consoles, the mounting plate in the base unit can be adjusted in depth without the use of additional accessories.

**Human Machine Interface
Console Range | Stainless Steel
Compact | MPGS**

IP 66 | TYPE 4X, 12, 13 | IK 10 (single door); IP 55 | TYPE 12, 13 | IK 10 (double door)



**Material:**

AISI 304 pre-grained stainless steel / AISI 316L (on request). Body and door: 2 mm. Rear panel: 1.5 mm. Bottom plates: 1.5 mm. Mounting plate: 2.5 mm galvanized steel.

Body:

Folded and seam welded. Console construction counts with a base that provides a distance between the floor and the lower part of the door/s acting as an integrated plinth.

Doors and panels:

Single folded surface mounted with hinges allowing left and right-hand opening to base door. Angle 12° from horizontal. Concealed hinges on top edge allow 90° opening. Panel held open by self engage/self release mechanical panel stay. Double door on 1200 wide base units.

Mounting plate:

Standard mounting plate in base unit.

Lock:

Double-bit 3 mm locks for top panel. For base, two double-bit 3 mm locks. Other options available. See wall mounting section.

Cable inlet:

Bottom opening for cable access. Bottom plate for cable glanding supplied as standard.

Earthing:

M8 threaded studs on body, door, top panel and rear panel.

Finish:

240s pre grained stainless steel (average 0,5 micron).

Protection:

Single door: IP 66 | TYPE 4X, 12, 13 | IK 10. Double door: IP 55 | TYPE 12, 13 | IK 10.

Approvals:

CE, CSA, GOST, Kema Keur, Lloyds shipping, cULus_listed.

Delivery:

Mounting plate and suitable nuts and washers for earthing. The console is delivered on a wooden pallet.



Dimensional table | MPGS

IP 66 | TYPE 4X, 12, 13 | IK 10 (single door); IP 55 | TYPE 12, 13 | IK 10 (double door)

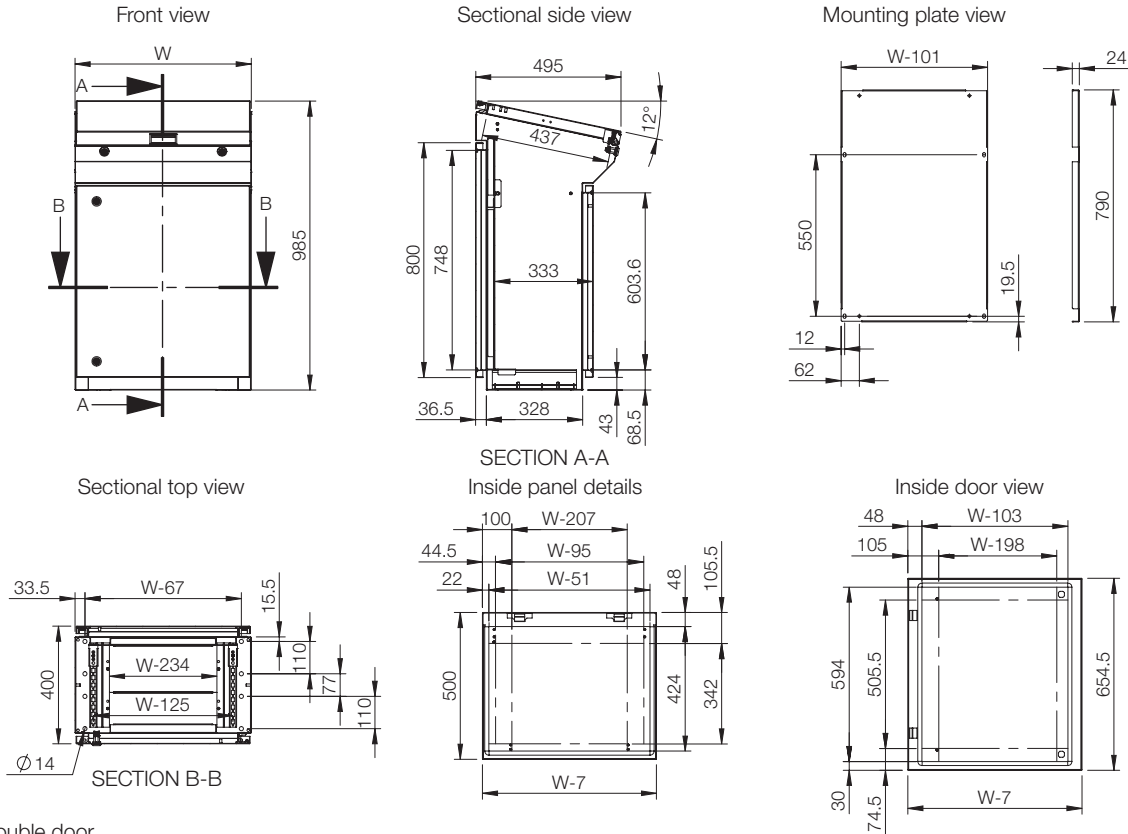
Stainless steel

Enclosure dimensions			Mounting plate dimensions		Usable depth	Item no.
H	W	D	h	w	d	
985	600	400	790	499	357.5	MPGS06
985	600	400	790	499	357.5	MPGS06-316
985	800	400	790	699	357.5	MPGS08
985	800	400	790	699	357.5	MPGS08-316
985	1000	400	790	899	357.5	MPGS10
985	1000	400	790	899	357.5	MPGS10-316
985	1200	400	790	1099	357.5	MPGS12
985	1200	400	790	1099	357.5	MPGS12-316

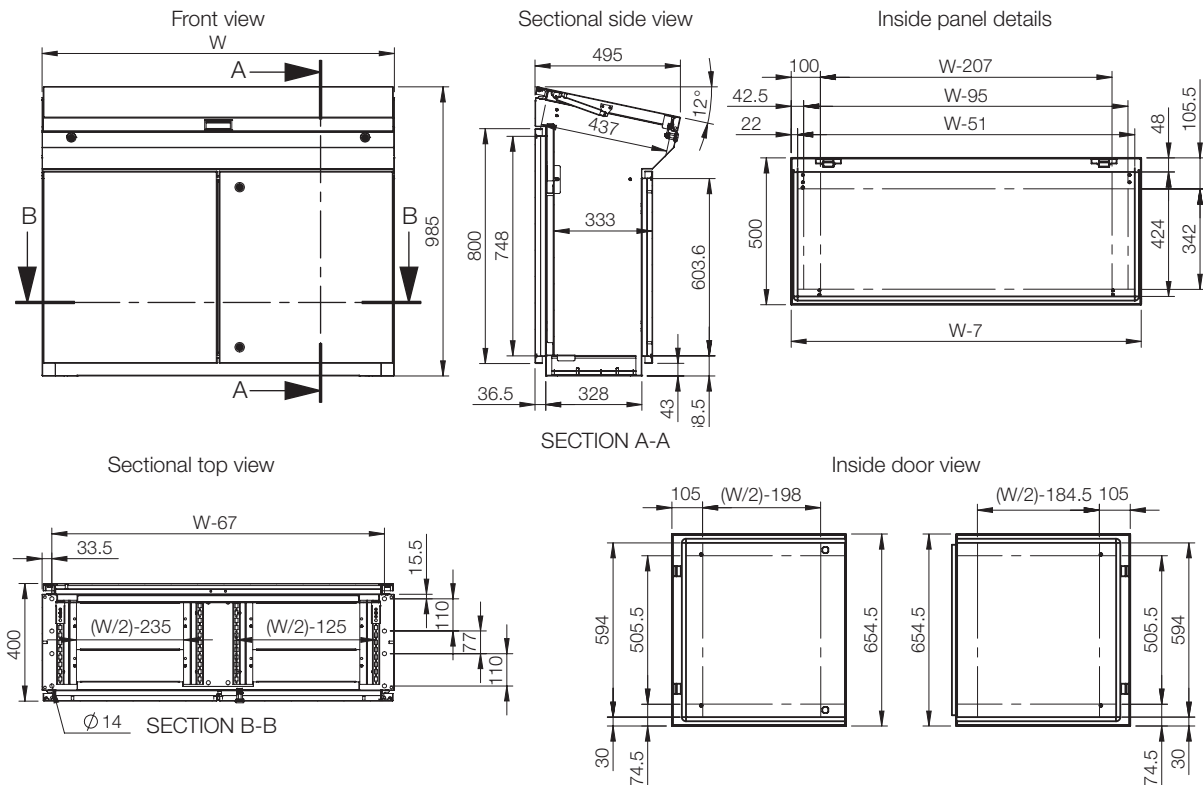
Note: Only 1200 mm wide consoles have double door.



Single door



Double door



**Human Machine Interface
Console Range | Stainless Steel
Modular | MPCS**

IP 66 | TYPE 4X, 12, 13 | IK 10 (single door); IP 55 | TYPE 12, 13 | IK 10 (double door)



**Material:**

AISI 304 pre-grained stainless steel / AISI 316L (on request). Body and door: 2 mm. Rear panel: 1.5 mm. Bottom plates: 1.5 mm. Mounting plate: 2.5 mm galvanized steel.

Body:

Folded and seam welded. Console construction counts with a base that provides a distance between the floor and the lower part of the door/s acting as an integrated plinth.

Doors and panels:

Single folded surface mounted with hinges allowing left and right-hand opening to base door. Top section and desk panels held open by self engage/self release mechanical panel stays. Concealed hinges allowing 90° opening on the desk. Double doors on 1200 mm and 1600 mm wide base units.

Mounting plate:

Standard in base unit. Fixed by fixing brackets on C rail, top and bottom for depth adjustment. Optional in desk and top section units.

Lock:

Double-bit 3 mm locks for top section and desk unit. For base, two double-bit 3 mm locks. Other options available. See wall mounting section.

Cable access:

Bottom open in base unit for cable access. Bottom plates for cable glanding supplied as standard.

Earthing:

M8 threaded studs on bodies, doors and rear panels.

Finish:

240s pre grained stainless steel (average 0.5 micron).

Protection:

Single door: IP 66 | TYPE 4X, 12, 13 | IK 10. Double door: IP 55 | TYPE 12, 13 | IK 10.

Approvals:

CE, CSA, GOST, Kema Keur, Lloyds shipping, cULus_listed.

Delivery:

The base unit is provided with a mounting plate as standard. Desk and top section units have mounting plates provided as accessories. All top and base apertures can be closed by choosing the appropriate accessory plate. Suitable nuts and washers for the various earthing studs are provided.



Dimensional table | MPCS

IP 66 | TYPE 4X, 12, 13 | IK 10 (single door); IP 55 | TYPE 12, 13 | IK 10 (double door)

Top section units | Stainless steel

Enclosure dimensions				Item no.
H	W	D		
500	600	494		MPCS061
500	600	494		MPCS061-316
500	800	494		MPCS081
500	800	494		MPCS081-316
500	1000	494		MPCS101
500	1000	494		MPCS101-316
500	1200	494		MPCS121
500	1200	494		MPCS121-316
500	1600	494		MPCS161
500	1600	494		MPCS161-316

Desk units | Stainless steel

Enclosure dimensions				Item no.
H	W	D		
250	600	985		MPCS062
250	600	985		MPCS062-316
250	800	985		MPCS082
250	800	985		MPCS082-316
250	1000	985		MPCS102
250	1000	985		MPCS102-316
250	1200	985		MPCS122
250	1200	985		MPCS122-316
250	1600	985		MPCS162
250	1600	985		MPCS162-316

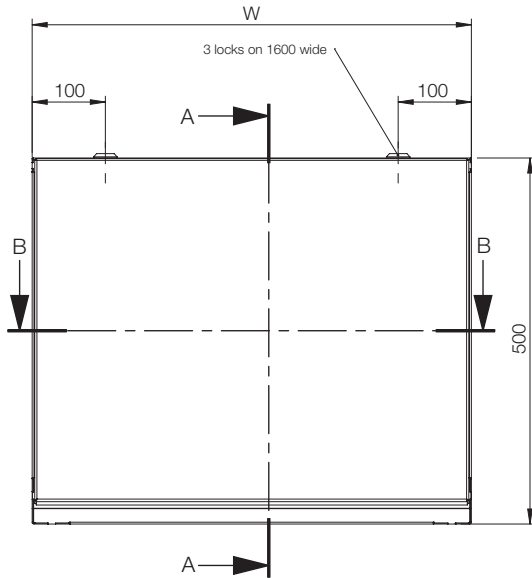
Base units with mounting plate | Stainless steel

Enclosure dimensions			Mounting plate dimensions		Usable depth	Item no.
H	W	D	h	w	d	
700	600	500	590	499	470.5	MPCS063
700	600	500	590	499	470.5	MPCS063-316
700	800	500	590	699	470.5	MPCS083
700	800	500	590	699	470.5	MPCS083-316
700	1000	500	590	899	470.5	MPCS103
700	1000	500	590	899	470.5	MPCS103-316
700	1200	500	590	1099	470.5	MPCS123
700	1200	500	590	1099	470.5	MPCS123-316
700	1600	500	590	1499	470.5	MPCS163
700	1600	500	590	1499	470.5	MPCS163-316

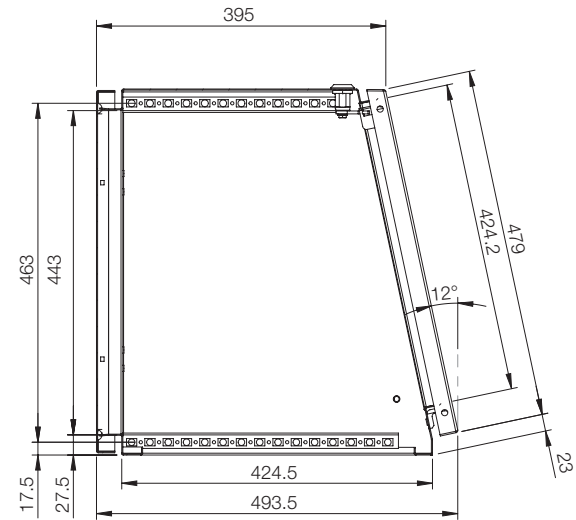
Note: Only 1200 mm and 1600 mm wide consoles have double door.

Top section units

Front view

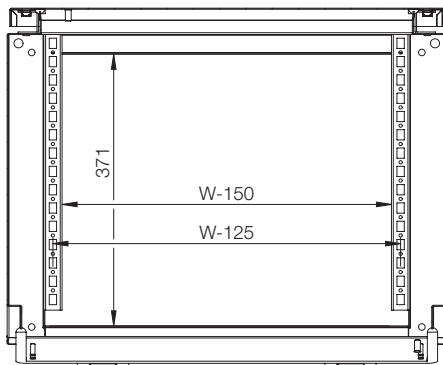


Sectional side view



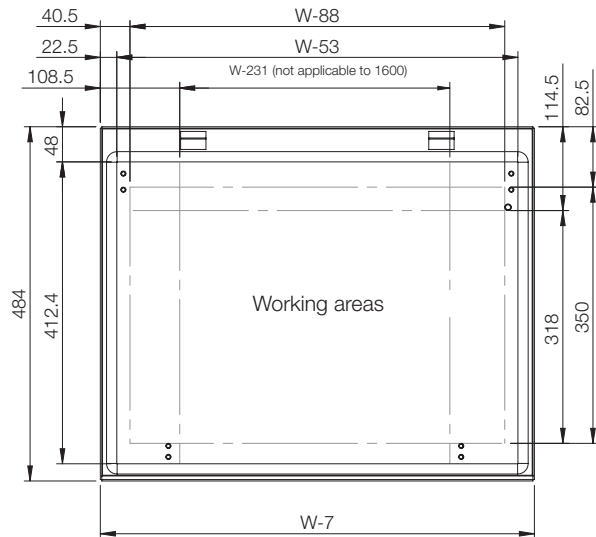
SECTION A-A

Sectional top view



SECTION B-B

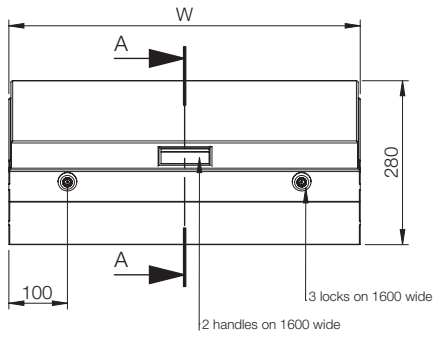
Inside panel view



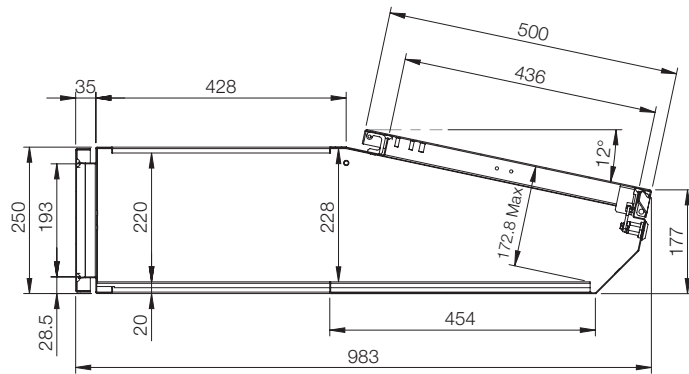
Dimensional drawing | MPCS

Desk unit

Front view

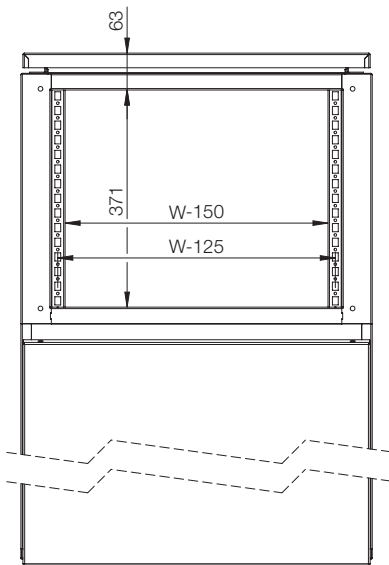


Sectional side view

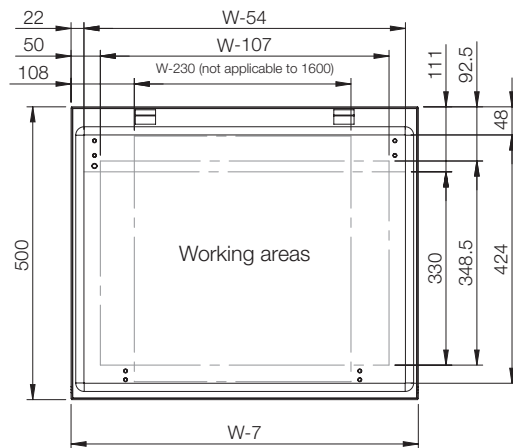


SECTION A-A

Top view

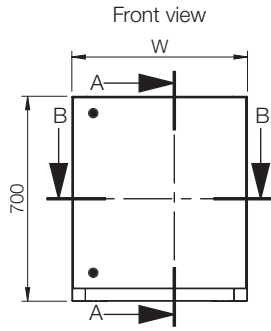


Inside panel view

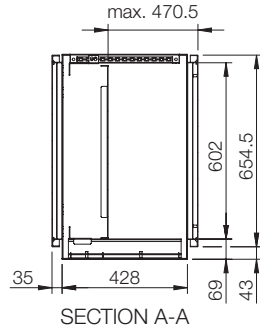


Base unit with mounting plate

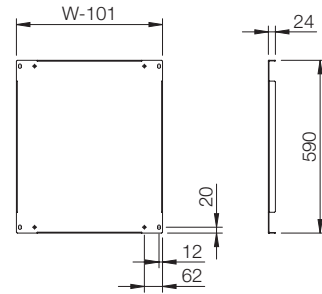
Single door



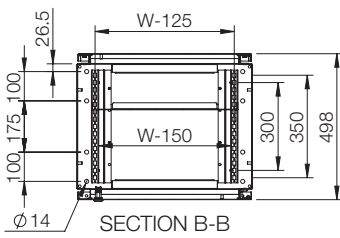
Sectional side view



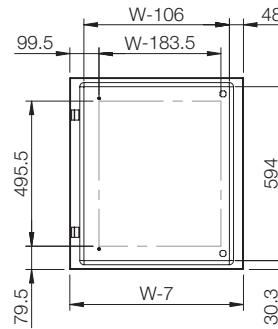
Mounting plate view



Sectional top view

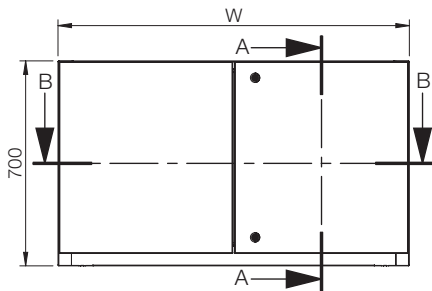


Inside door view

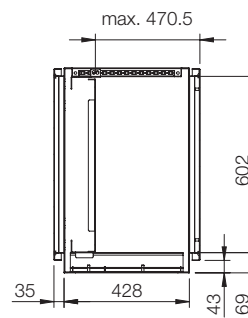


Double door

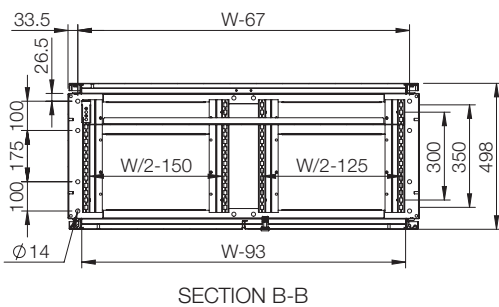
Front view



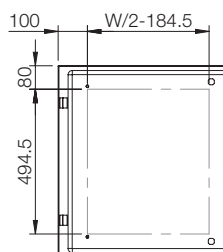
Sectional side view



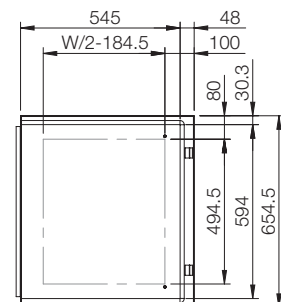
Sectional top view



Inside right door view









Inside left door view



Accessories selection matrix | MPGS

Console				Mounting			Fixing	
H	W	D	Mounting plate	Depth adjustment kit	Vertical mounting profiles	Plinth (100 mm height)	Plinth (200 mm height)	
MPGS06	985	600	400	GCPZ06	MPGDA01	KMB700	MSNS1064	MSNS2064
MPGS06-316	985	600	400	GCPZ06	MPGDA01	KMB700	MSNS1064	MSNS2064
MPGS08	985	800	400	GCPZ08	MPGDA01	KMB700	MSNS1084	MSNS2084
MPGS08-316	985	800	400	GCPZ08	MPGDA01	KMB700	MSNS1084	MSNS2084
MPGS10	985	1000	400	GCPZ10	MPGDA01	KMB700	MSNS1104	MSNS2104
MPGS10-316	985	1000	400	GCPZ10	MPGDA01	KMB700	MSNS1104	MSNS2104
MPGS12	985	1200	400	GCPZ12	MPGDA01	KMB700	MSNS1124	MSNS2124
MPGS12-316	985	1200	400	GCPZ12	MPGDA01	KMB700	MSNS1124	MSNS2124

									
Console				Mounting			Fixing		Doors
	H	W	D	Mounting plate	Segregation plate	Vertical mounting profiles	Plinth (100 mm height)	Plinth (200 mm height)	Cover plate
MPCS061	500	600	494	CDPZ06	-	-	-	-	-
MPCS061-316	500	600	494	CDPZ06	-	-	-	-	-
MPCS081	500	800	494	CDPZ08	-	-	-	-	-
MPCS081-316	500	800	494	CDPZ08	-	-	-	-	-
MPCS101	500	1000	494	CDPZ10	-	-	-	-	-
MPCS101-316	500	1000	494	CDPZ10	-	-	-	-	-
MPCS121	500	1200	494	CDPZ12	-	-	-	-	-
MPCS121-316	500	1200	494	CDPZ12	-	-	-	-	-
MPCS161	500	1600	494	CDPZ16	-	-	-	-	-
MPCS161-316	500	1600	494	CDPZ16	-	-	-	-	-
MPCS062	250	600	985	CDPZ06	SGPZ06	-	-	-	BDPS06
MPCS062-316	250	600	985	CDPZ06	SGPZ06	-	-	-	BDPS06
MPCS082	250	800	985	CDPZ08	SGPZ08	-	-	-	BDPS08
MPCS082-316	250	800	985	CDPZ08	SGPZ08	-	-	-	BDPS08
MPCS102	250	1000	985	CDPZ10	SGPZ10	-	-	-	BDPS10
MPCS102-316	250	1000	985	CDPZ10	SGPZ10	-	-	-	BDPS10
MPCS122	250	1200	985	CDPZ12	SGPZ12	-	-	-	BDPS12
MPCS122-316	250	1200	985	CDPZ12	SGPZ12	-	-	-	BDPS12
MPCS162	250	1600	985	CDPZ16	SGPZ16	-	-	-	BDPS16
MPCS162-316	250	1600	985	CDPZ16	SGPZ16	-	-	-	BDPS16
MPCS063	700	600	500	CBPZ06	-	KMB700	MSNS1065	MSNS2065	BDPS06
MPCS063-316	700	600	500	CBPZ06	-	KMB700	MSNS1065	MSNS2065	BDPS06
MPCS083	700	800	500	CBPZ08	-	KMB700	MSNS1085	MSNS2085	BDPS08
MPCS083-316	700	800	500	CBPZ08	-	KMB700	MSNS1085	MSNS2085	BDPS08
MPCS103	700	1000	500	CBPZ10	-	KMB700	MSNS1105	MSNS2105	BDPS10
MPCS103-316	700	1000	500	CBPZ10	-	KMB700	MSNS1105	MSNS2105	BDPS10
MPCS123	700	1200	500	CBPZ12	-	KMB700	MSNS1125	MSNS2125	BDPS12
MPCS123-316	700	1200	500	CBPZ12	-	KMB700	MSNS1125	MSNS2125	BDPS12
MPCS163	700	1600	500	CBPZ16	-	KMB700	2x MSNS1085	2x MSNS2085	BDPS16
MPCS163-316	700	1600	500	CBPZ16	-	KMB700	2x MSNS1085	2x MSNS2085	BDPS16

Human Machine Interface Console Range Accessories

Mounting plate, GCPZ

Description: Standard mounting plate for MPG(S) console. Adjustable in depth using MPGDA accessory.

Material: 2.5 mm galvanized steel.

Pack quantity: 1 plate with mounting accessories.

For console	Mounting plate dimensions			
W	h	w	Item no.	
600	790	499	GCPZ06	
800	790	699	GCPZ08	
1000	790	899	GCPZ10	
1200	790	1099	GCPZ12	
1600	790	1499	GCPZ16	



Depth adjust kit, MPGDA

Description: To provide depth adjustment for mounting plate.

Material: 2 mm galvanized steel.

Pack quantity: 1 set with mounting accessories.

Item no.
MPGDA01



Mounting plate, CBPZ

- Description:** Standard mounting plate for MPC(S) base section.
- Material:** 2 mm galvanized steel.
- Pack quantity:** 1 plate with mounting accessories.

For console	Mounting plate dimensions			Item no.
W	h	w		
600	590	499	CBPZ06	
800	590	699	CBPZ08	
1000	590	899	CBPZ10	
1200	590	1099	CBPZ12	
1600	590	1499	CBPZ16	



Mounting plates, CDPZ

- Description:** Can be used in top section and desk unit, also as a separation plate between desk and base.
- Material:** 2.5 mm galvanized steel.
- Pack quantity:** 1 plate with mounting accessories.

For console	Mounting plate dimensions			Item no.
W	h	w		
600	427.5	530	CDPZ06	
800	427.5	730	CDPZ08	
1000	427.5	930	CDPZ10	
1200	427.5	1130	CDPZ12	
1600	427.5	1530	CDPZ16	



Segregation plates, SGPZ

- Description:** Used to separate top section and desk unit. Can also be used as a mounting plate in desk.
- Material:** 3 mm zinc plated steel.
- Pack quantity:** 1 plate with mounting accessories.

For console	Mounting plate dimensions			Item no.
W	h	w		
600	410	530	SGPZ06	
800	410	730	SGPZ08	
1000	410	930	SGPZ10	
1200	410	1130	SGPZ12	
1600	410	1530	SGPZ16	



Human Machine Interface

Console Range

Accessories

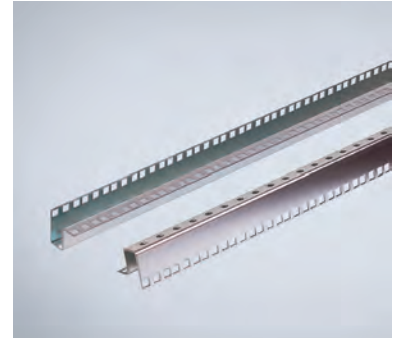
Mounting angles (19"), DNN

Description: To achieve 19" or partial 19" in 800 mm wide enclosures, these profiles can be mounted with the mounting brackets DNB. To achieve 19" in 600 mm wide enclosures, use the brackets DND.

Material: 2 mm zinc plated steel.

Pack quantity: 2 pieces.

N° of units	Item no.
6	DNN06
9	DNN09
10	DNN10
11	DNN11
13	DNN13
15	DNN15



Mounting angles (19") fixing brackets, DND

Description: For fixing 19" profiles in 600 mm, wide enclosures. Adjustable in depth in 12.5 mm steps.

Material: 3 mm zinc plated mild steel.

Pack quantity: 4 brackets with mounting accessories.

Item no.
DND01



Mounting angles (19") brackets, DNB

Description: For mounting 19" profiles in 800 mm wide enclosures.

Material: 3 mm zinc plated steel.

Pack quantity: 4 brackets with mounting accessories.

Item no.
DNB01



Front/rear Plinths, PF

- Description:** Front and rear plinth sections. For cabling without any restrictions and in accordance with the VDE 0113 standard. The plinth consists of four corner pieces with removable front covers. The side panels PS are to be ordered separately. Produced in 100 mm and 200 mm heights. 200 mm high plinths are delivered with a rear cover for cabling that consists of two removable panels 100 mm high. The front cover is a one piece panel of 200 mm high. All panels have double returns on each side for added strength.
- Material:** Corner pieces in 2 mm and panels in 1.5 mm mild steel.
- Finish:** RAL 7022 structured powder coating.
- Pack quantity:** 1 set of 4 corner pieces including covers. Front and rear panel (2 rear panels for 200 mm high plinths) with mounting accessories. Mounting accessories for side panels PST.
- Mounting requirement:** Add the side panels PS for a complete plinth. When combining enclosures it is recommended to add transversal panels PCP for cable duct support and extra rigidity.



For console		
H	W	Item no.
100	400	PF1040
100	500	PF1050
100	600	PF1060
100	800	PF1080
100	1000	PF1100
100	1200	PF1120
200	400	PF2040
200	500	PF2050
200	600	PF2060
200	800	PF2080
200	1000	PF2100
200	1200	PF2120

For console 1600 mm wide use 2 x 800 mm wide plinth.

Plinth Side panels, PST

- Description:** Mounted directly to the corner pieces.
- Material:** 1.5 mm mild steel.
- Finish:** RAL 7022 structured powder coating.
- Pack quantity:** 2 side panels, mounting accessories included in PF package.

For console		
H	D	Item no.
100	400	PST1040
100	500	PST1050
200	400	PST2040
200	500	PST2050



Human Machine Interface Console Range

Accessories

Plinths, MSNS

- Description:** Allowing cabling without any restrictions and in accordance with the VDE 0113 standard. The plinth consists of four corner pieces with removable plates. Available 100 mm and 200 mm high.
- Material:** Corner pieces 3 mm and panels 1.5 mm AISI 304 pre-grained stainless steel.
- Finish:** 240s pre-grained stainless steel (average 0.5 micron).
- Pack quantity:** 1 plinth with mounting material.



For console			
H	W	D	Item no.
100	600	400	MSNS1064
100	600	500	MSNS1065
100	800	400	MSNS1084
100	800	500	MSNS1085
100	1000	400	MSNS1104
100	1000	500	MSNS1105
100	1200	400	MSNS1124
100	1200	500	MSNS1125
200	600	400	MSNS2064
200	600	500	MSNS2065
200	800	400	MSNS2084
200	800	500	MSNS2085
200	1000	400	MSNS2104
200	1000	500	MSNS2105
200	1200	400	MSNS2124
200	1200	500	MSNS2125

For consoles 1600 mm wide use 2 x 800 mm wide plinth.

Cover plates, BDP

- Description:** Used to cover top opening of base or desk unit in MPC consoles.
- Material:** 2 mm mild steel.
- Finish:** RAL 7035 structured powder paint.
- Pack quantity:** 1 piece with mounting accessories.

For console	
W	Item no.
600	BDP06R5
800	BDP08R5
1000	BDP10R5
1200	BDP12R5
1600	BDP16R5



Cover plates, BDPS

- Description:** Used to cover top opening of base or desk unit in MPCS consoles.
- Material:** 2 mm AISI 304 pre-grained stainless steel.
- Finish:** 240s pre-grained stainless steel (average 0.5 micron).
- Pack quantity:** 1 piece with mounting accessories.

For console	
W	Item no.
600	BDPS06
800	BDPS08
1000	BDPS10
1200	BDPS12
1600	BDPS16



Human Machine Interface Console Range

Accessories

Stainless panel, MPPS

Description: For replacing the standard panel on MPC top section units where high corrosion resistance is required.

Material: 2 mm AISI 304 pre-grained stainless steel.

Finish: 240s pre-grained stainless steel (average 0.5 micron).

For console	
W	Item no.
600	MPPS061
800	MPPS081
1000	MPPS101
1200	MPPS121
1600	MPPS161



Stainless lid, MPLS

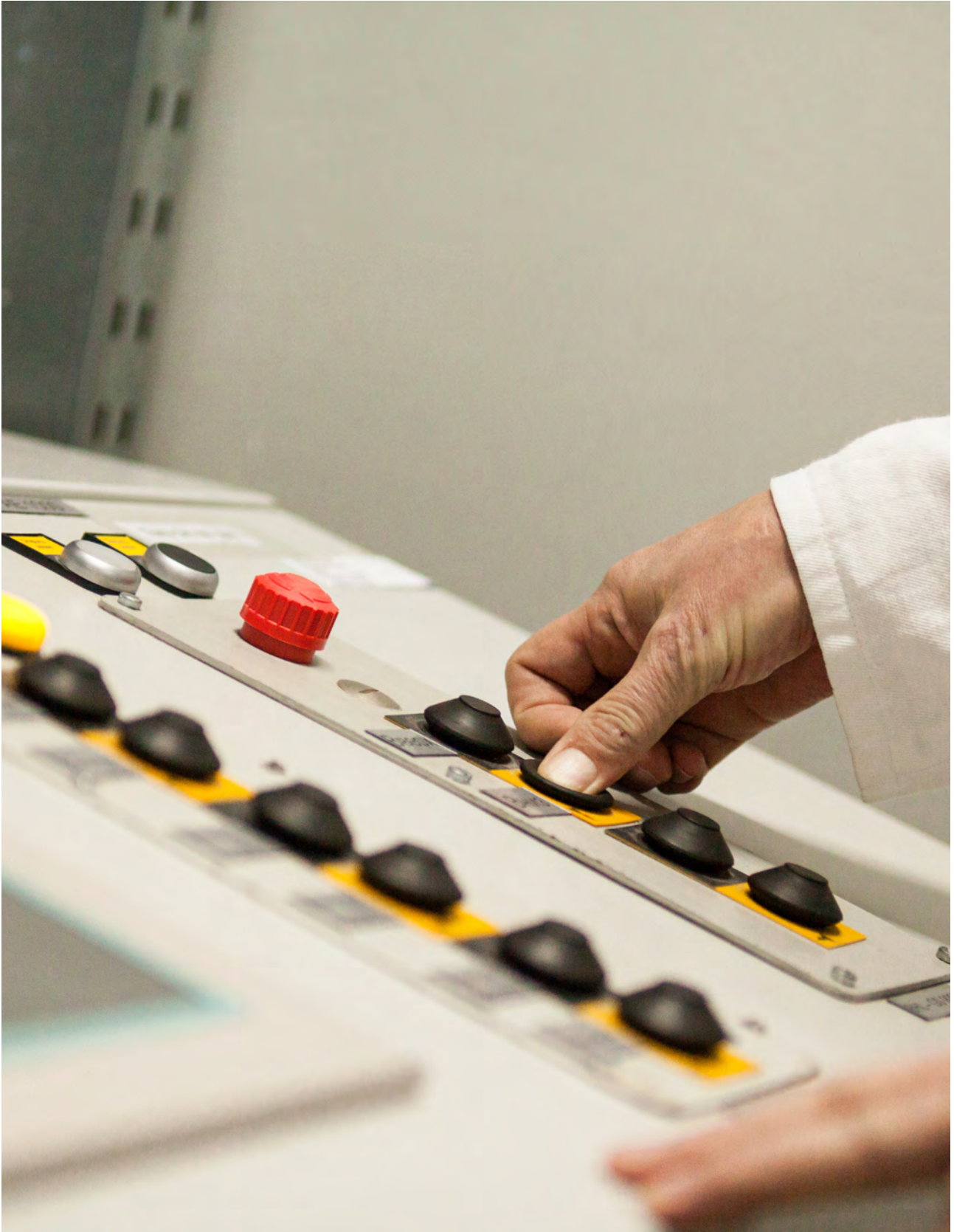
Description: For replacing the standard lid on MPC desk units or MPG consoles where high corrosion resistance is required.

Material: 2 mm AISI 304 pre-grained stainless steel.

Finish: 240s pre-grained stainless steel (average 0.5 micron).

For console	
W	Item no.
600	MPLS062
800	MPLS082
1000	MPLS102
1200	MPLS122
1600	MPLS162





Human Machine Interface Operating Housing

Typical Application | Control enclosure / Operating housing

Machines

Process automation



The MAS-based wall mounted Control enclosure is provided with an aluminum front panel, handle strips, and a swing arm system coupling cut-out. The aluminum front panel is straightforward to remove and machine; meaning mounting HMI components is simple. HMI components may be mounted separately on the panel and later attached to the control enclosure. The rear door ensures convenient access for further assembly of components or cabling operations. Overall, the quick and easy installation reduces costs, yet the product still provides excellent ergonomics and user-friendliness.

The Aluminum Operating Housing to be fitted with the swing arm system is made up of sections assembled by corner modules and is provided with handle strips as well as front and rear panels. HMI components can be mounted easily because the front panels are easy to machine.



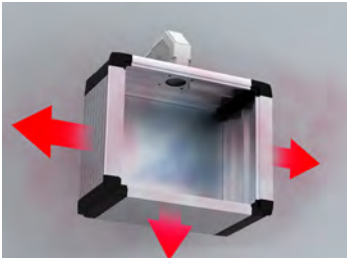
Machine builders

Eldon offers a standard solution for the OICE Control Enclosure and the specific accessories. Used for encapsulating control units, industrial PCs and display components, this HMI solution monitors and controls the operation of a 3000Tm hydraulic bending press in an industrial environment. The control enclosure is based on the well-known design for industrial applications MAS enclosure, guaranteeing the very best performance. Due to its high IP rate and robustness, this is the best choice to encapsulate critical and sensitive devices in such a demanding environment.



Ready to use

The mild steel Control Enclosure is an affordable control enclosure customized with only the basic features needed for good ergonomics and easy operation of HMI components.



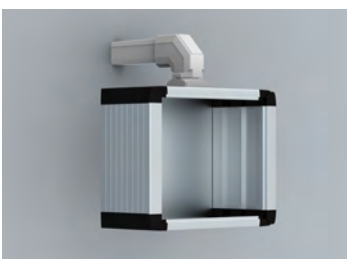
Heat dissipation

The aluminum section of the control panel OICP has excellent passive heat dissipation properties.



Wide range of accessories

One source of accessories since the OICE enclosure benefits from the compatibility with wall mounted, steel enclosures accessories system.



Modern industrial design

The control panel OICP and its anodised aluminum profiles combined with the black aluminum corners and handle strips give the enclosure a distinctive premium look.

**Human Machine Interface
Operating Housing | Mild Steel
Control enclosure | OICE**

IP 55 | IK 10



Material:

Body and door made from 1.2 mm mild steel, front cover and handles made in aluminium.

Body:

Folded and seam welded, with maximum opening. The front fitted with an aluminium front panel. Handling grips mounted to front, left and right edges.

Rear door:

Surface mounted with 130° opening. Concealed removable hinges with captive pin. Hinges can be mounted to allow left or right hand opening. Door profiles MMDP are available as an accessory.

Lock:

Customised lock with double grip for easy opening of the door. Double-bit 3 mm insert and 90° movement. Other inserts and locks are available as an accessory.

Protection:

IP 55 | IK 10.

Finish:

RAL 7035 structured powder coating.

Approvals:

CE, GOST.

Delivery:

Enclosure with aluminium front panel, rear door, plastic double-bit 3 mm key, and mounting accessories.



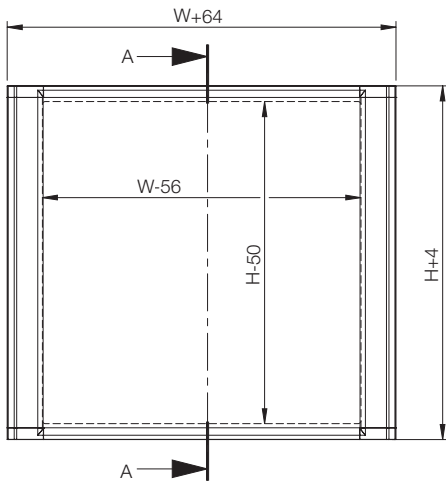
Dimensional table | OICE

IP 55 | IK 10

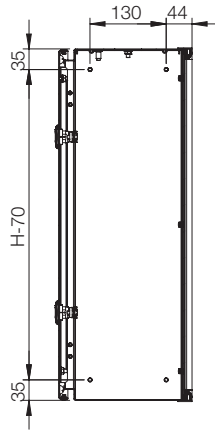
Enclosure dimensions			Item no.
H	W	D	
300	300	155	OICE303015
300	400	210	OICE304021
400	400	210	OICE404021
400	600	210	OICE406021
500	500	210	OICE505021
500	600	210	OICE506021



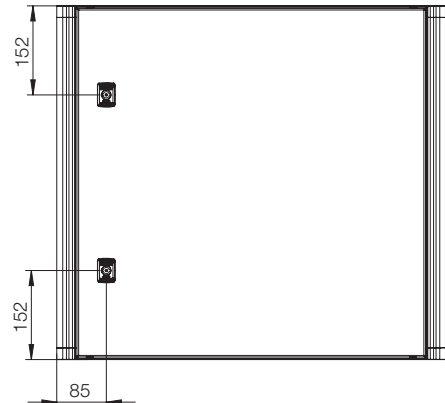
Front view



Sectional side view

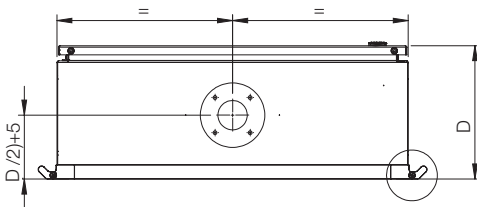


Rear view

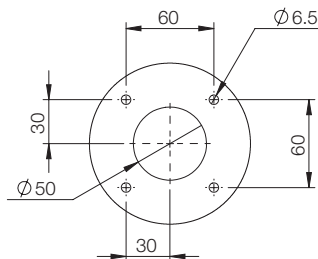


SECTION A-A

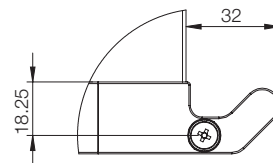
Top view



Detail view

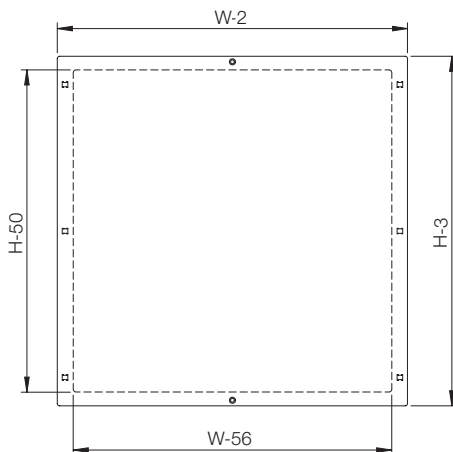


Scale 1 : 4

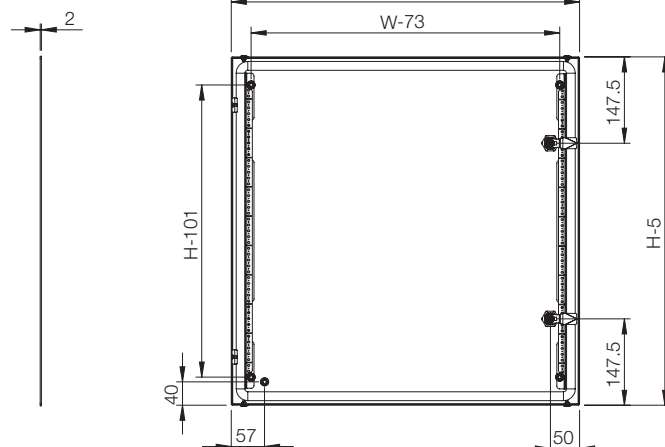


Scale 1 : 2

Aluminium panel



Inside door view



Human Machine Interface

Operating Housing

Accessories

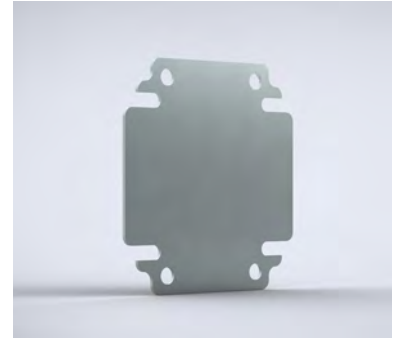
Mounting plate, BMP

Description: Steel mounting plate for terminal boxes.

Material: 2 mm galvanized steel.

Pack quantity: 1 piece.

For console		Mounting plate dimensions			Item no.
H	W	h	w		
200	300	175	270	BMP2030	
200	400	175	370	BMP2040	
200	500	175	470	BMP2050	
200	600	180	570	BMP2060	



Bottom profile, BPP

Description: Bottom profile for DIN rail mounting.

Material: Galvanized steel.

Pack quantity: 2 pieces.

For console		Item no.
H/W		
150		BPP15
200		BPP20



Locks, ALL

Description: Alternative locks to replace the standard one.

Pack quantity: 1 piece.

Description	Type	Protection	Item no.
Chrome plated lock with cylinder	Ronis key n° M21323	IP 65	ALL508
Polyamide lock with cylinder	Key 5333	IP 55	ALL509
Eldon lock with cylinder	Ronis key n° C21323	IP 65	ALL510



Inserts, ALI

Description: Inserts to replace the standard double-bit 3 mm insert in the standard polyamide lock.

Material: Polyamide.

Pack quantity: 1 piece.

Description	Item no.
Double-bit 3 mm	ALI503
Double-bit 5 mm	ALI505
Square 7 mm	ALI523
Triangular 8 mm	ALI524
Square 8 mm	ALI525
Slotted 2x4 mm	ALI528



Not suitable for AFS.

Door mounting profiles, MMDP

Description: To strengthen the door and provide further mounting possibilities. Mounted on the inside of the door onto M6 welded studs. Equipped with a 10 mm hole pattern. These door profiles cannot be used with the AFS enclosure range.

Material: 1.2 mm galvanized steel.

Dimension: 15 x 14 mm.

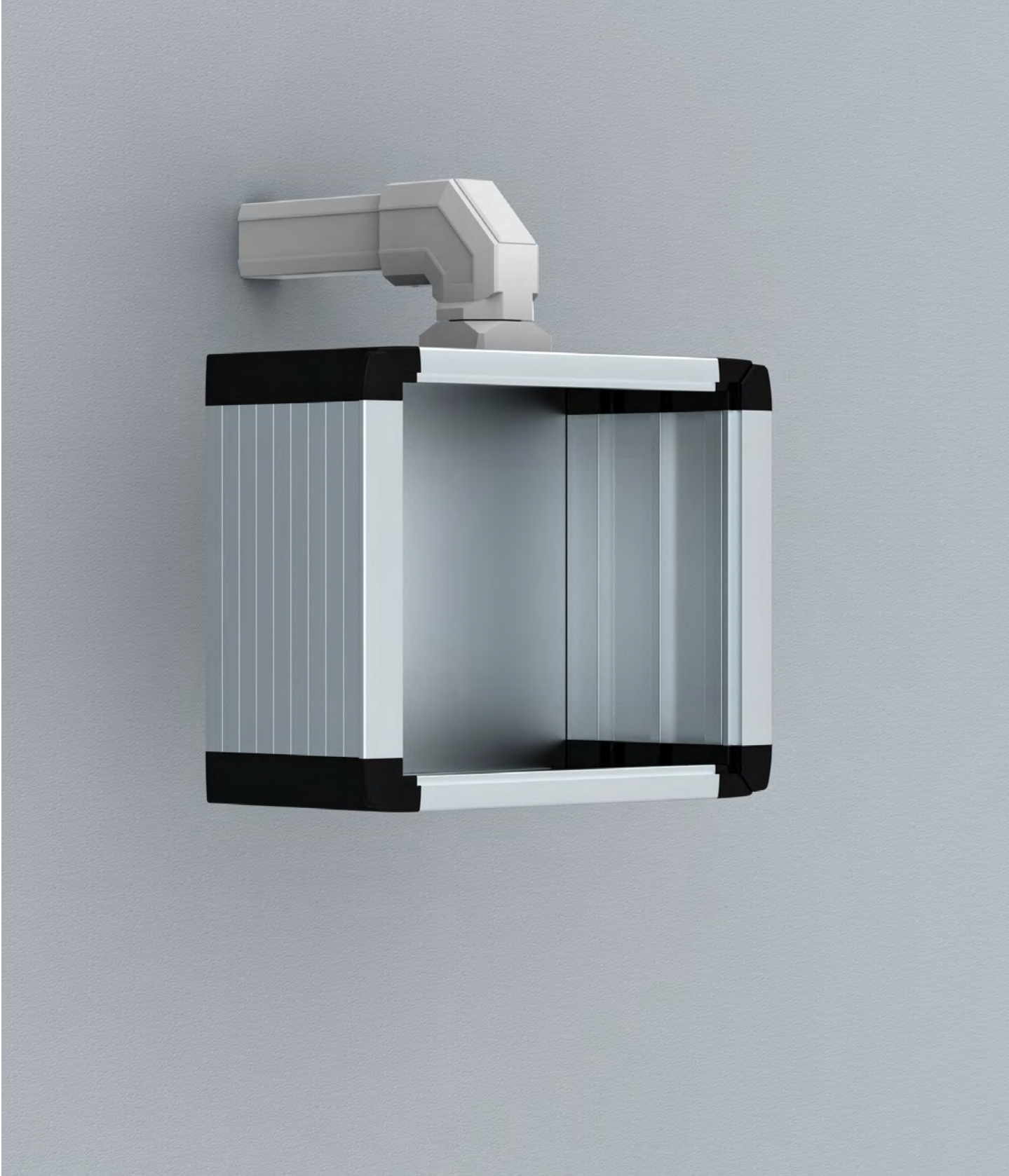
Pack quantity: 1 pair with mounting accessories.

For enclosure		Item no.
H		
400		MMDP040
500		MMDP050



**Human Machine Interface
Operating Housing | Aluminium
Control Panel | OICP**

IP 65



Material:

Body: Al Mg Si05. Rear plate: Al Mg. Corners: AISI 12.

Protection:

IP 65.

Finish:

Body and rear plate: anodised aluminium. Corners: RAL 7016.

Approvals:

CE, GOST.

Mounting requirement:

OIFP front panel is not included in the standard delivery and needs to be ordered separately.

Delivery:

Body, screwed rear plate, front plate mounting kit, and mounting accessories.



Dimensional table | OICP

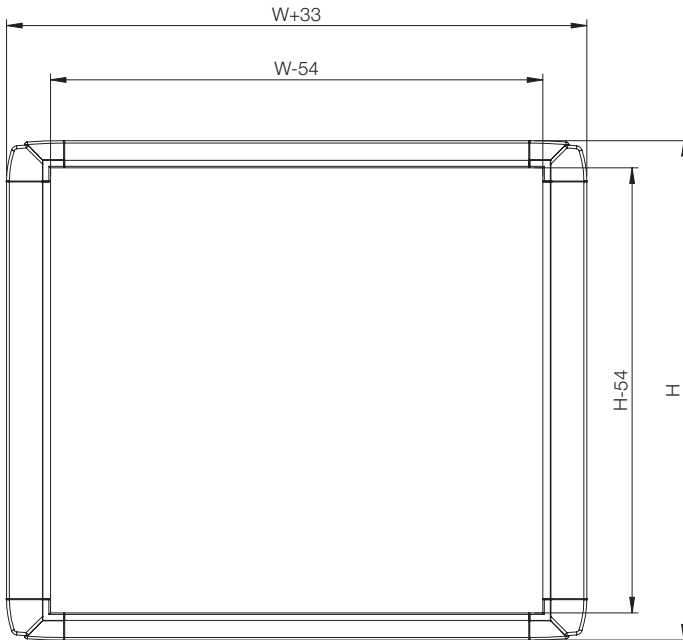
IP 65

H	W	D	Item no.
309	525	200	OICP305220
345	395	200	OICP343920
354	525	200	OICP355220
398	525	200	OICP395220
415	470	200	OICP414720
495	542	200	OICP495420

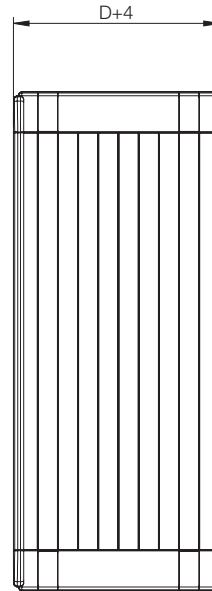
The external enclosure dimension is increased by 16,5 mm on the side where there is a grip profile.



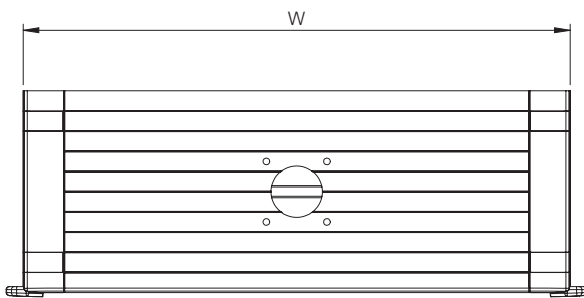
Front view



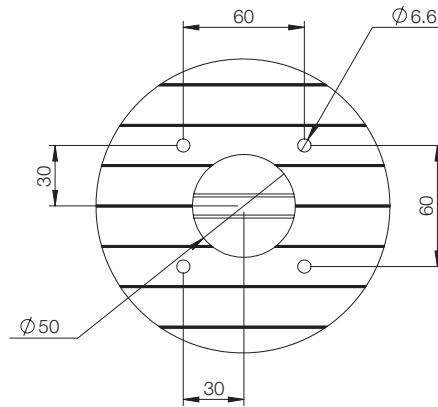
Side view



Top view



Detail view



Scale 1 : 3

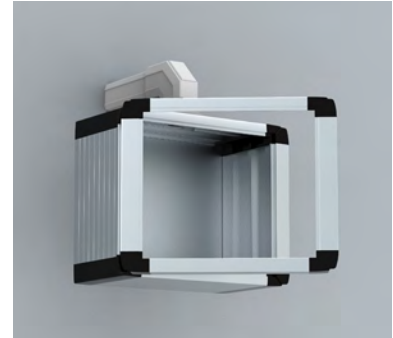
Human Machine Interface

Operating Housing

Accessories

OICP panel with door extension section, OIDES

- Description:** OICP panel with hinged door extension profile. It increases the OICP panel depth in 55 mm. It has grid profiles in the door extension profile sides.
- Material:** Body and door extension profile: Al Mg Si05. Rear plate: Al Mg. Corners: Al Si12.
- Protection:** Complies with IP 65.
- Finish:** Body, door extension profile and rear plate: anodised aluminium. Corners: RAL 7016.
- Pack quantity:** OICP panel with rear plate, door extension profile, external hinges, and locking system.



For enclosure			
H	W	D	Item no.
309	525	55+200	OIDES305205
345	395	55+200	OIDES343905
354	525	55+200	OIDES355205
398	525	55+200	OIDES395205
415	470	55+200	OIDES414705
495	542	55+200	OIDES495405

Front plate, OIFP

- Description:** Front plate for components, with a protection film in one side.
- Material:** 3 mm aluminium.
- Pack quantity:** 1 piece. Mounting accessories are supplied with the control panel OICP and in OIDES.



For enclosure				
H	W	h	w	Item no.
269	485	255	471	OIFP3052
305	355	291	341	OIFP3439
314	485	300	471	OIFP3552
358	485	344	471	OIFP3952
375	430	361	416	OIFP4147
455	502	441	488	OIFP4954

Spring nut set, OISN

Description: Spring nuts for fixing components easily, without any machining in the panel.

Pack quantity: 10 pieces.

Thread	Item no.
M4	OISN04
M5	OISN05



Keyboard support, OIKS

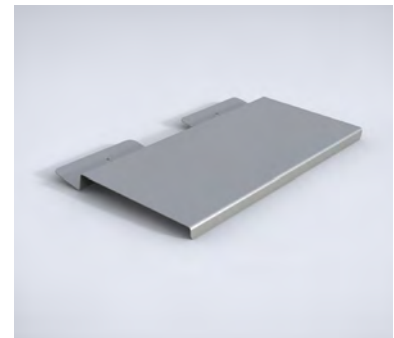
Description: Keyboard support to be fixed to the control panel. Machining is required.

Material: Mild steel. Stainless steel available on request.

Finish: RAL 9006.

Pack quantity: 1 piece with mounting accessories.

Item no.
OIKS01



Command handle, OICH

Description: Handle with ergonomic design, which enables easy handling of the panel, even with working gloves. Machining is required.

Material: Aluminium.

Finish: Anodised aluminium.

Pack quantity: 1 piece.

W	Item no.
250	OICH250
350	OICH350



120° connecting brackets, OIPC

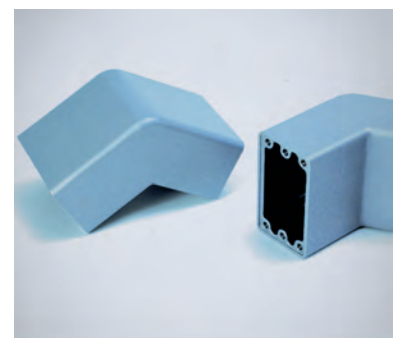
Description: Rigid elements for connecting two OICP control panels. Machining is required.

Material: Aluminium.

Finish: RAL 9006.

Pack quantity: 2 pcs with mounting accessories.

Item no.
OIPC01



Human Machine Interface

Swing Arm System

Swing Arms

Typical Application |
Light Swing Arm System /
Medium Swing Arm System

Machines

Process automation



The Swing Arm Light System, is built up with aluminum extruded profiles and pressure die-cast aluminum couplings. This enables extensive modularity, to create configurations that match most load diagram requirements, facilitating tailoring to any specific needs. The Swing Arm Medium System is built up with anodized aluminum-extruded profiles and pressure die-cast aluminum couplings. The modular reinforced design allows suspending heavier control panels or enclosures and makes configurations of up to 2 m possible.



Machine builders

Machine Builders expect modern industrial design, complete ease of installation, in combination with well conceived ergonomics to aid machine operator activities. For the steel profiling line application presented, the manufacturer chose a combination of Eldon's Light Swing Arm System SA-SL plus the Aluminium Control Panel OICP, with IP 65 protection class and single-wall aluminium extrusions that allow an industry-standard heat dissipation, which does not need any additional outward air ventilation.



Aluminum light weight profiles

The aluminum lightweight connection profiles, present in both swing arm systems, facilitate installation and operation of the suspended system and allow heavier components to be mounted in the control panel or enclosure.



One-man installation

The Medium Swing Arm System can be easily installed by one person, functionality that keeps assembly costs low.



Adjustable alignment and torque

Readjustment is simple. Thanks to tube mounting screws for alignment, and the clamping level screws for the torque, it can be done at any time without dismantling the system.

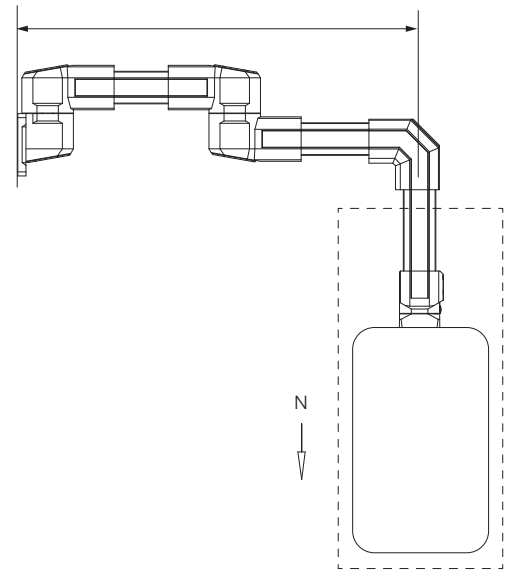
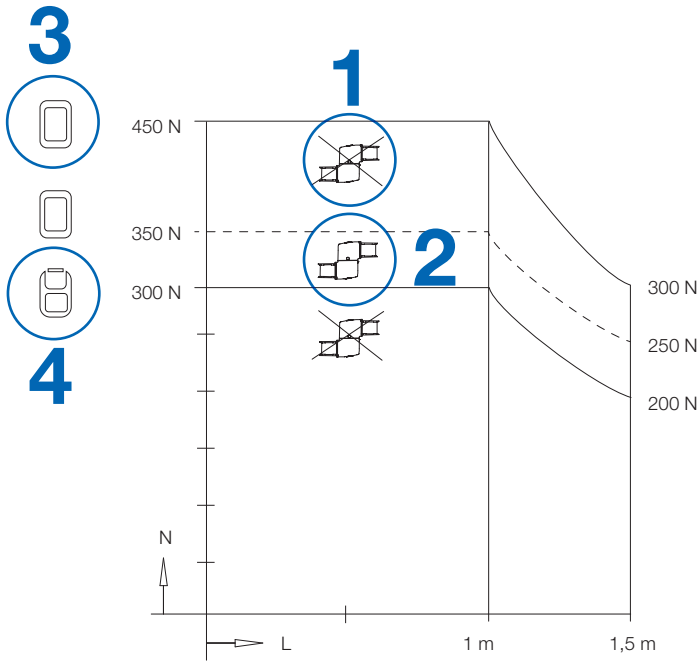


Elegant appearance

The Medium Swing Arm System has a modern, intelligent design with smooth-flowing transition lines.

Human Machine Interface
Swing Arm System
Light swing arm system | SASL





1. When SAIJ intermediate joint component is not used
2. When SAIJ intermediate joint component is used
3. When SAS closed profiles are used
4. When SAS open profiles are used

The maximum weight which an SL swing arm can support depends on the length of the arm and the system structure.
Max. Weight (Kg) = 9.81



WALL SECTION



SABW



SABT



SASJ



SAWJV



SAWJH

INTERMEDIATE JOINTS



SAE



SARE



SAIJ



SAAE

COUPLING

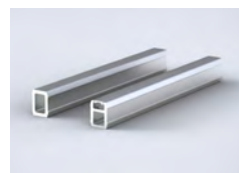


SAC



SAEC

PROFILES



SAS

Floor Standing Swing Arm System Accessories

Swing arm section profile, SAS

- Description:** The arm section profile is available with an open cable duct or completely closed. In the open profile the plastic cover can be easily pulled out and fitted back into place.
- Material:** Extruded aluminium profile. Plastic cover in the open profile made from EPDM.
- Weight:** Closed profile 3.50 Kg/m. Open profile 3.76 Kg/m.
- Finish:** Anodised aluminium, similar to RAL 9006. Plastic cover in the open profile similar to RAL 7042.
- Delivery:** 1 piece.

H	W	Length	Item no. Closed Profile	Item no. Open Profile
60	45	250	SAS025CSL	SAS025OSL
60	45	500	SAS050CSL	SAS050OSL
60	45	1000	SAS100CSL	SAS100OSL
60	45	2000	SAS200CSL	SAS200OSL



Base or wall flange SL, SABW

- Description:** Base or wall flange component for SL system.
- Material:** Aluminium.
- Finish:** RAL 7035.
- Delivery:** 1 piece, sealing gaskets, and mounting accessories.

Item no.
SABW1SL



Rotary base or wall flange SL, SABT

- Description:** Rotary base or wall flange for SL system, angle of rotation 300° with stop. Rotation angle limiter is to be ordered as a separate product.
- Material:** Aluminium.
- Finish:** RAL 7035.
- Delivery:** 1 piece, sealing gaskets, and mounting accessories.

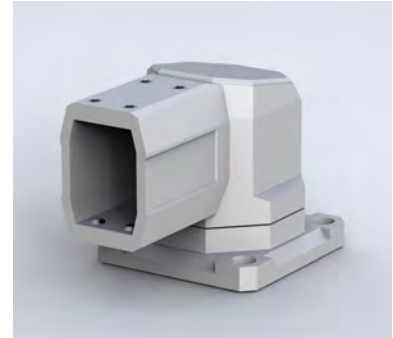
Item no.
SABT1SL



Set-up joint SL, SASJ

Description:	Set-up joint component for SL system, angle of rotation 300° with stop. Rotation angle limiter is to be ordered as a separate product. Cable access with a plastic click-in cover.
Material:	Aluminium.
Finish:	RAL 7035.
Delivery:	1 piece, sealing gaskets, and mounting accessories.

Item no.
SASJ1SL



Wall joint with vertical outlet SL, SAWJV

Description:	Wall joint with vertical outlet component for SL system, angle of rotation 300° with stop. Rotation angle limiter is to be ordered as a separate product. Cable access with a plastic click-in cover.
Material:	Aluminium.
Finish:	RAL 7035.
Delivery:	1 piece, sealing gaskets, and mounting accessories.

Item no.
SAWJV1SL



4

Wall joint with horizontal outlet SL, SAWJH

Description:	Wall joint with horizontal outlet component for SL system, angle of rotation 300° with stop. Rotation angle limiter is to be ordered as a separate product. Cable access with a plastic click-in cover.
Material:	Aluminium.
Finish:	RAL 7035.
Delivery:	1 piece, sealing gaskets, and mounting accessories.

Item no.
SAWJH1SL



Floor Standing Swing Arm System

Accessories

Elbow SL, SAE

- Description:** Elbow component for SL system. Cable access with a plastic click-in cover.
- Material:** Aluminium.
- Finish:** RAL 7035.
- Delivery:** 1 piece, sealing gaskets, and mounting accessories.

Item no.
SAE1SL



Reinforced elbow SL, SARE

- Description:** Elbow component for SL system, reinforced with additional screws and material. Cable access with a plastic click-in cover.
- Material:** Aluminium.
- Finish:** RAL 7035.
- Delivery:** 1 piece, sealing gaskets, and mounting accessories.

Item no.
SARE1SL



Rotary elbow SL, SAAE

- Description:** Rotary elbow component for SL system, angle of rotation 300° with stop. Rotation angle limiter is to be ordered as a separate product. Cable access with a plastic click-in cover.
- Material:** Aluminium.
- Finish:** RAL 7035.
- Delivery:** 1 piece, sealing gaskets, and mounting accessories.

Item no.
SAAE1SL



Intermediate joint SL, SAIJ

- Description:** Intermediate joint component for SL system, angle of rotation 360° with stop. Rotation angle limiter is to be ordered as a separate product. Cable access with a plastic click-in cover.
- Material:** Aluminium.
- Finish:** RAL 7035.
- Delivery:** 1 piece, sealing gaskets, and mounting accessories.

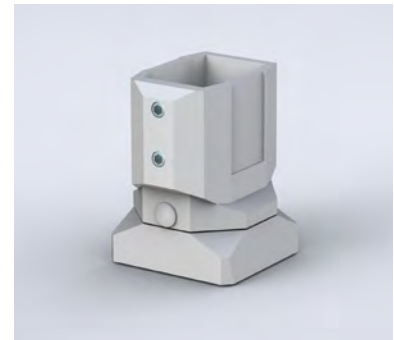
Item no.
SAIJ1SL



Coupling SL, SAC

- Description:** Coupling component for SL system, angle of rotation 300° with stop. Rotation angle limiter is to be ordered as a separate product.
- Material:** Aluminium.
- Finish:** RAL 7035.
- Delivery:** 1 piece, sealing gaskets, and mounting accessories.

Item no.
SAC1SL



Elbow coupling SL, SAEC

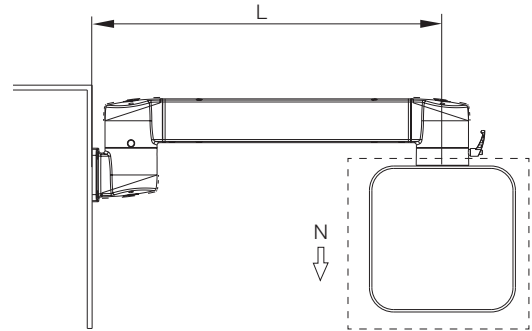
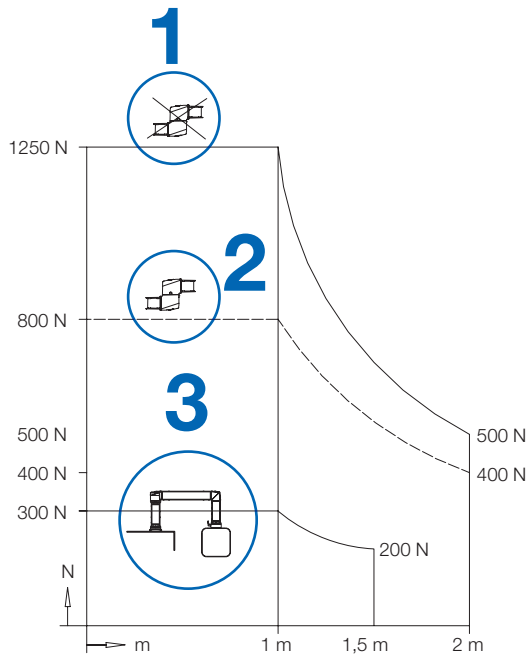
- Description:** Elbow coupling component for SL system, angle of rotation 300° with stop. Rotation angle limiter is to be ordered as a separate product. Cable access with a plastic click-in cover.
- Material:** Aluminium.
- Finish:** RAL 7035.
- Delivery:** 1 piece, sealing gaskets, and mounting accessories.

Item no.
SAEC1SL



Human-Machine-Interface
Swing Arm System |
Medium swing arm system | SASM





1. When SAIJ SM intermediate joint component is not used
2. When SAIJ SM intermediate joint component is used
3. When SABT SM or SABW SM, SAE SM and SAAE SM components are used.

The maximum weight which an SM swing arm can support depends on the length of the arm and the system structure. Max. Weight (Kg) = 9.81



WALL SECTION



SABW SM



SABT SM



SASJ SM



SAWJV SM



SAWJH SM

INTERMEDIATE JOINTS



SAE SM



SAIJ SM



SAAE SM

COUPLING



SAC SM



SAEC SM

PROFILES



SAS SM

Floor Standing Swing Arm System

Accessories

Swing arm section profile SM, SAS SM

Description: Angled aluminium tubes (machined at both ends).
Material: Anodised Aluminium.
Weight: 5 Kg/m.
Finish: Silver (natural) anodized.
Delivery: 1 piece. Different length can be supplied on request.

H	W	Length	Item no.
90	70	250	SAS025CSM
90	70	500	SAS050CSM
90	70	1000	SAS100CSM
90	70	1500	SAS150CSM
90	70	2000	SAS200CSM



Base or wall bracket SM, SABW SM

Description: Base or wall flange component for SM system.
Material: Die-cast aluminium.
Finish: RAL 7016 (anthracite grey).
Pack quantity: 1 piece, sealing gaskets and mounting accessories.

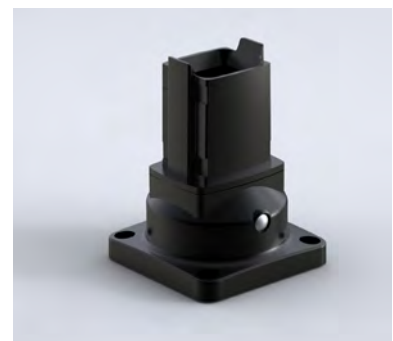
Item no.
SABW1SM



Rotary base or wall flange SM, SABT SM

Description: Rotary base or wall flange for SM system, angle of rotation 300° with stop. Rotation angle limiter is to be ordered as a separate product.
Material: Die-cast aluminium.
Finish: RAL 7016 (anthracite grey).
Delivery: 1 piece, sealing gaskets and mounting accessories.

Item no.
SABT1SM



Set-up joint SM, SASJ SM

Description:	Set-up joint component for SM system, angle of rotation 300° with stop. Rotation angle limiter is to be ordered as a separate product. Cable access with a plastic screw fitted cover.
Material:	Die-cast aluminium.
Finish:	RAL 7016 (anthracite grey).
Delivery:	1 piece, sealing gaskets and mounting accessories.

Item no.
SASJ1SM



Wall joint with vertical outlet SM, SAWJV SM

Description:	Wall joint with vertical outlet component for SM system, angle of rotation 300° with stop. Rotation angle limiter is to be ordered as a separate product. Cable access with a plastic screw fitted cover.
Material:	Die-cast aluminium.
Finish:	RAL 7016 (anthracite grey).
Delivery:	1 piece, sealing gaskets and mounting accessories.

Item no.
SAWJV1SM



Wall joint with horizontal outlet SM, SAWJH SM

Description:	Wall joint with horizontal outlet component for SM system, angle of rotation 300° with stop. Rotation angle limiter is to be ordered as a separate product. Cable access with a plastic screw fitted cover.
Material:	Die-cast aluminium.
Finish:	RAL 7016 (anthracite grey).
Delivery:	1 piece, sealing gaskets and mounting accessories.

Item no.
SAWJH1SM



Floor Standing Swing Arm System Accessories

Elbow SM, SAE SM

Description: Elbow component for SM system. Cable access with a plastic screw fitted cover.

Material: Die-cast aluminium.

Finish: RAL 7016 (anthracite grey).

Delivery: 1 piece, sealing gaskets and mounting accessories.

Item no.
SAE1SM



Rotary elbow SM, SAAE SM

Description: Rotary elbow component for SM system, angle of rotation 300° with stop. Rotation angle limiter is to be ordered as a separate product. Cable access with a plastic screw fitted cover.

Material: Die-cast aluminium.

Finish: RAL 7016 (anthracite grey).

Delivery: 1 piece, sealing gaskets and mounting accessories.

Item no.
SAAE1SM



Intermediate joint SM, SAIJ SM

Description:	Intermediate joint component for SM system, angle of rotation 300° with stop. Rotation angle limiter is to be ordered as a separate product. Cable access with a plastic screw fitted cover.
Material:	Die-cast aluminium.
Finish:	RAL 7016 (anthracite grey).
Delivery:	1 piece, sealing gaskets and mounting accessories.

Item no.
SAIJ1SM



Coupling SM, SAC SM

Description:	Coupling component for SM system, angle of rotation 300° with stop. Rotation angle limiter is to be ordered as a separate product.
Material:	Die-cast aluminium.
Finish:	RAL 7016 (anthracite grey).
Delivery:	1 piece, sealing gaskets and mounting accessories.

Item no.
SAC1SM



Elbow coupling SM, SAEC SM

Description:	Elbow coupling component for SM system, angle of rotation 300° with stop. Rotation angle limiter is to be ordered as a separate product. Cable access with a plastic screw fitted cover.
Material:	Die-cast aluminium.
Finish:	RAL 7016 (anthracite grey).
Delivery:	1 piece, sealing gaskets and mounting accessories.

Item no.
SAEC1SM





05 Thermal Management

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Thermal Management

There are two main potential thermal problems inside the enclosure:

- Overheating;
- Humidity, or water condensation.

Overheating can occur inside the enclosure due to internal heat dissipation or external heat sources. Overheating of the equipment will lead to reduced component lifetime and increased risk of breakdowns. Eldon offers a wide range of cooling solutions to avoid harmful overheating:

- Air conditioners, an efficient cooling solution which does not require the ambient air temperature to be lower than the desired temperature inside the enclosure. An additional advantage is that air conditioners will dehumidify the air inside the enclosure, preventing condensation;
- Vortex coolers, particularly suitable in applications where the working temperature is very high and other cooling solutions are impossible due to their maximum working temperature;
- Heat exchangers, such as air-water types, are perfect when high cooling capacity is needed and fresh water is already available;
- Filter fans constitute a cost-effective cooling solution with easy assembly and are used in all control panels where the ambient conditions are not a constraint.

One of the greatest risks in an electrical enclosure

is water condensation and high humidity which may reduce the lifetime of the electronic equipment. Water condensation will occur if the temperature falls below the dew point. Eldon offers a wide range of heaters to increase the air temperature inside enclosures:

- Small heaters, for small panels not requiring high heating capacity;
- Medium and big heaters, for large enclosures where the heat generated is not too high, but where there is a risk of condensation due to temperature variations during day and night;
- Fan heaters, to ensure even heat distribution in large enclosures where there is not enough natural air distribution.

To increase energy efficiency, Eldon also offers various control equipment to obtain an optimum balance between the requested temperature conditions and the energy used:

- Thermostats are available for temperature control. This is the best solution for enclosures with cooling or heating components which do not have their own temperature control;
- Hygrostats for relative humidity control. This is a good solution for enclosures where there is a high risk of condensation since the minimum control will not ensure that condensation will be avoided.

Certifications like UL, CSA, GOST, and others, are available to make it easier to export complete enclosures.

Thermal Management

Cooling units

Typical Application

Industry

Server rooms

Food and beverage



The electrical control enclosures include electronic devices such as drivers, PLCs, relays, starters, power supplies, etc. A general rule is that if the working temperature is 10°C higher than the recommended max temperature, then the service life of the device will be shortened by 50%. Eldon has a wide range of cooling units both for indoor and outdoor use, in mild steel and stainless steel. All cooling units are closed-loop which are specially suitable for dusty environments.



Applications - CUVN

A vertical unit CUVN is installed at the end of the enclosure assembly to ensure that the temperature in the PLC panel does not exceed 35°C.



Energy saving

Thanks to the new components and to the new SEM (Smart Energy Management) we are able to reduce the power consumption up to 23% compared to older versions together with a power increase on the same size.



Approvals

All cooling units have the following certifications: CE, EAC, UL. The UL Listed product does not require any additional investigation during the installation, saving panel builders time and money from the certifications.

Thermal Management

Cooling units

Vertical | CUVN

IP 54 | TYPE 12

**Description:**

High performance cooling unit for vertical installation. The unit is external mounted in order to maximize the space inside the enclosure. The air conditioners cover a cooling range from 360 W to 5950 W. Common to all models is the self cleaning condenser coil which eliminates the necessity for an air filter and therefore avoiding ordinary maintenance. The cooling capacity for specific conditions are indicated in the diagrams. All models above 1000 W are equipped with condensation dissipator. Mechanical thermostat is installed on all models. Ozone friendly refrigerant R134a.

Type of connection:

Terminal included.

Material:

Galvanized steel powder coated / Stainless steel AISI 304.
Stainless steel AISI 316 available on request.

Temperature limits inside:

+25°C to +45°C.

Temperature limits outside:

+20°C to +55°C.

Protection:

IP 54 | TYPE 12.

Finish:

RAL 7035 for the galvanized steel versions.

Approvals:

CE, cULus_UL Listed.

Pack quantity:

One unit.



IP 54 | TYPE 12

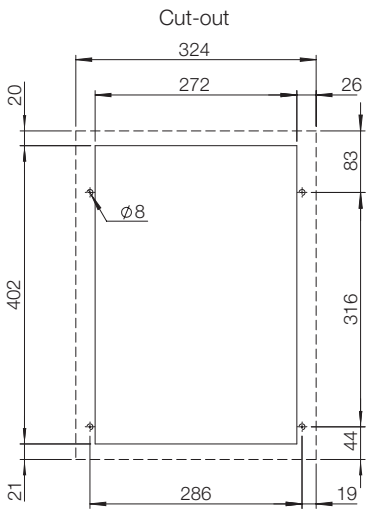
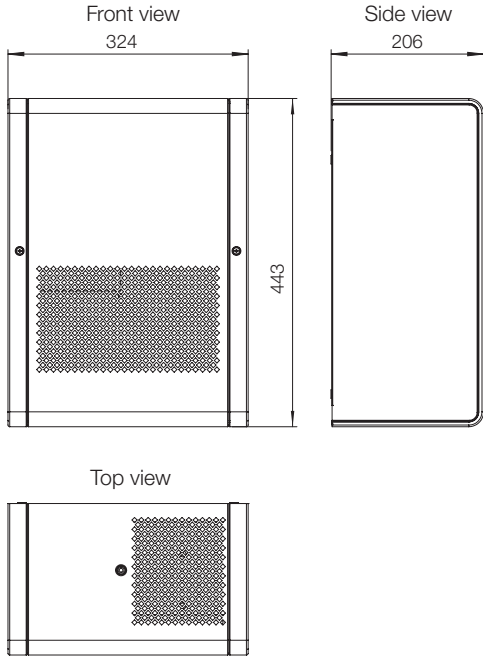
H	W	D	Cooling capacity L35L35 (W)	Cooling capacity L35L50 (W)	Power consumption L35L50 (W)	Power supply (V/ph/Hz)	Item no.
443	324	206	360 - 380	220 - 240	220	230 / 1 / 50 - 60	CUVN03602
642	313	223	550 - 580	390	310 - 340	230 / 1 / 50 - 60	CUVN05502
642	313	223	850 - 900	620 - 700	420 - 600	230 / 1 / 50 - 60	CUVN08502
912	410	248	1050 - 1150	840 - 890	510 - 650	230 / 1 / 50 - 60	CUVN10502
912	410	248	1500 - 1600	1200 - 1280	750 - 825	230 / 1 / 50 - 60	CUVN15002
1005	409	263	1500	1200	890	400 - 3 - 50 / 460 - 3 - 60	CUVN15004
1005	409	263	2100 - 2200	1750 - 1850	1120 - 1240	230 / 1 / 50 - 60	CUVN21002
1005	409	263	2100	1800	1200	400 - 3 - 50 / 460 - 3 - 60	CUVN21004
1217	511	347	3000 - 3150	2400 - 2600	1370 - 1510	230 / 1 / 50 - 60	CUVN30002
1217	511	347	3000	2500	1510	400-3-50 / 460-3-60	CUVN30004
1217	511	347	4000 - 4100	3000 - 3300	1730 - 1950	230 / 1 / 50 - 60	CUVN40502
1217	511	347	4050	3260	1950	400 - 3 - 50 / 460 - 3 - 60	CUVN40504
1405	554	404	5950	4850	2670 - 3600	400 - 3 - 50 / 460 - 3 - 60	CUVN59504
443	324	206	360 - 380	220 - 240	190 - 220	230 / 1 / 50-60	CUVN03602SS
642	313	223	550 - 580	410 - 430	310 - 340	230 / 1 / 50 - 60	CUVN05502SS
642	313	223	850 - 900	620 - 700	420 - 600	230 / 1 / 50 - 60	CUVN08502SS
912	410	248	1050 - 1150	840 - 890	510 - 650	230 / 1 / 50 - 60	CUVN10502SS
912	410	248	1500 - 1600	1200 - 1280	750 - 825	230 / 1 / 50 - 60	CUVN15002SS
1005	409	263	1500	1200	890	400 - 3 - 50 / 460 - 3 - 60	CUVN15004SS
1005	409	263	2100 - 2200	1750 - 1850	1120 - 1240	230 / 1 / 50 - 60	CUVN21002SS
1005	409	263	2100	1800	1200	400 - 3 - 50 / 460 - 3 - 60	CUVN21004SS
1217	511	347	3000 - 3150	2400 - 2600	1370 - 1510	230 / 1 / 50 - 60	CUVN30002SS
1217	511	347	3000	2500	1510	400 - 3 - 50 / 460 - 3 - 60	CUVN30004SS
1217	511	347	4000 - 4100	3000 - 3300	1730 - 1950	230 / 1 / 50 - 60	CUVN40502SS
1217	511	347	4050	3260	1950	400 - 3 - 50 / 460 - 3 - 60	CUVN40504SS
1405	554	404	5950	4850	2670 - 3600	400 - 3 - 50 / 460 - 3 - 60	CUVN59504SS

Max. running current (A)	Starting current (A)	Pre-fuse (A)	Side cabinet fan flow (m³/h)	Noise level (dB)	Weight (kg)	Item no.
1.7	9.8	15	195	55	18.89	CUVN03602
2.1	7.5	15	195	61	25.56	CUVN05502
3.9	20	15	390	64	30.00	CUVN08502
3.6	18	15	580	65	48.89	CUVN10502
4.5	28	15	580	65	51.11	CUVN15002
2.37	20	15	580	65	53.33	CUVN15004
6.3	34	15	580	69	53.33	CUVN21002
3.62	22	15	930	69	53.33	CUVN21004
8	35	15	930	69	83.33	CUVN30002
4.85	19	15	930	69	88.89	CUVN30004
8.3	35	15	1300	70	88.89	CUVN40502
5.96	19	15	1300	70	94.44	CUVN40504
8.11	53	15	1600	73.5	111.11	CUVN59504
1.7	9.8	15	195	55	18.89	CUVN03602SS
2.1	15	15	195	61	25.56	CUVN05502SS
3.9	20	15	390	64	30.00	CUVN08502SS
3.6	18	15	580	65	48.89	CUVN10502SS
4.5	28	15	580	65	51.11	CUVN15002SS
2.37	20	15	580	65	53.33	CUVN15004SS
6.3	34	15	580	69	53.33	CUVN21002SS
3.62	22	15	930	69	53.33	CUVN21004SS
8	35	15	930	69	83.33	CUVN30002SS
4.85	19	15	930	69	88.89	CUVN30004SS
8.3	35	15	1300	70	88.89	CUVN40502SS
5.96	19	15	1300	70	94.44	CUVN40504SS
8.11	53	15	1600	73.5	111.11	CUVN59504SS

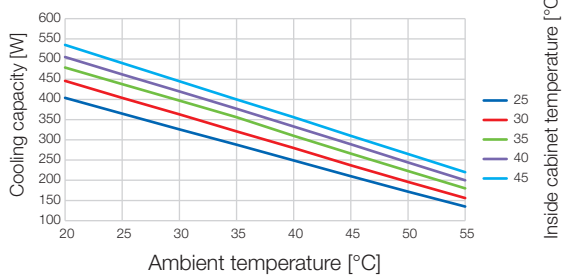


Dimensional drawing | CUVN

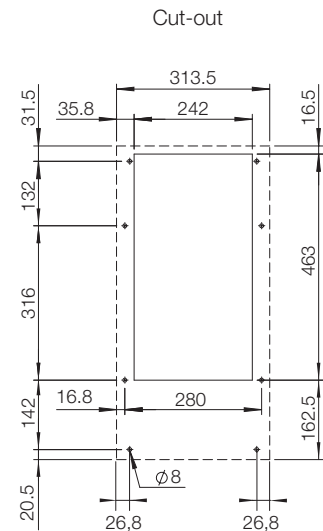
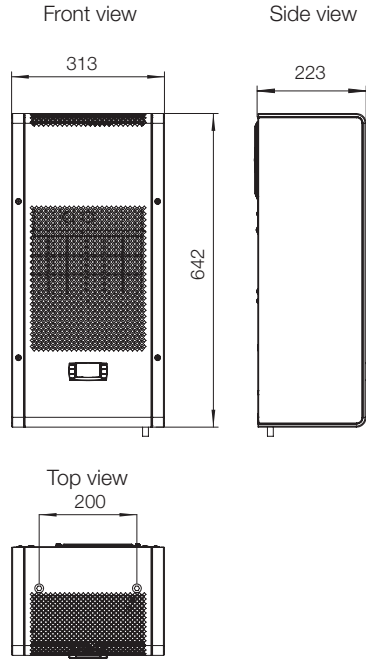
CUVN03602 / CUVN03602SS



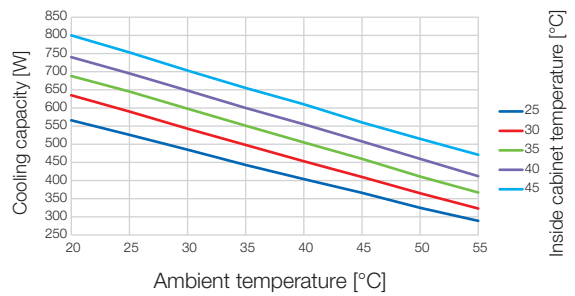
Performance



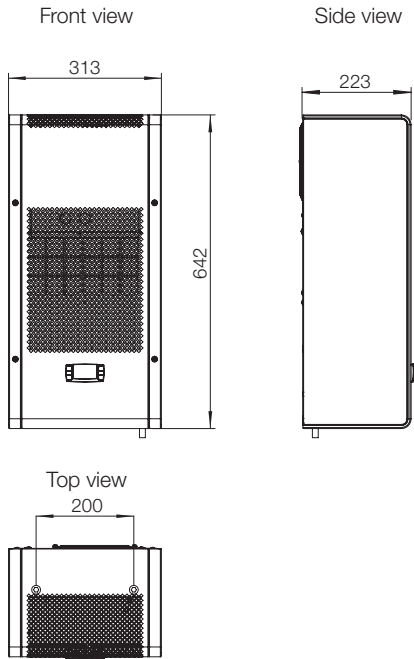
CUVN05502 / CUVN05502SS



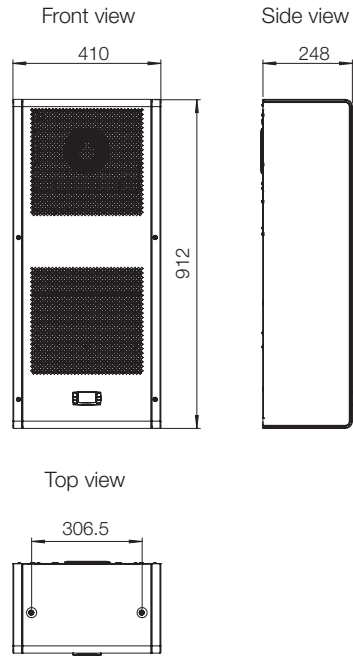
Performance



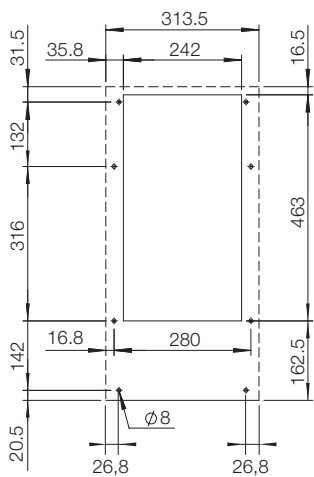
CUVN08502 / CUVN08502SS



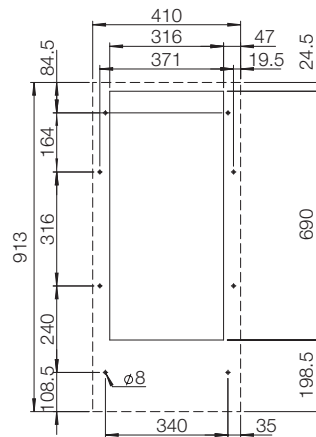
CUVN10502 / CUVN10502SS



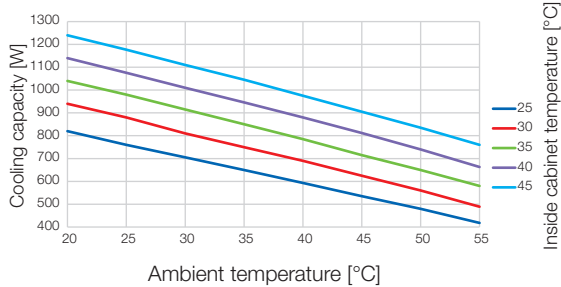
Cut-out



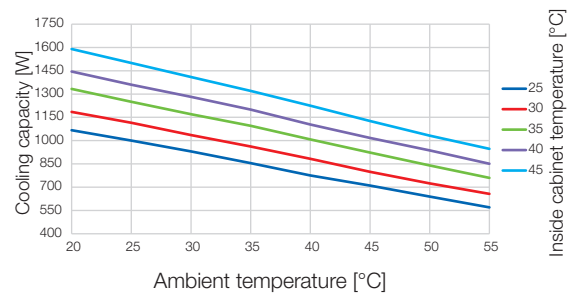
Cut-out



Performance

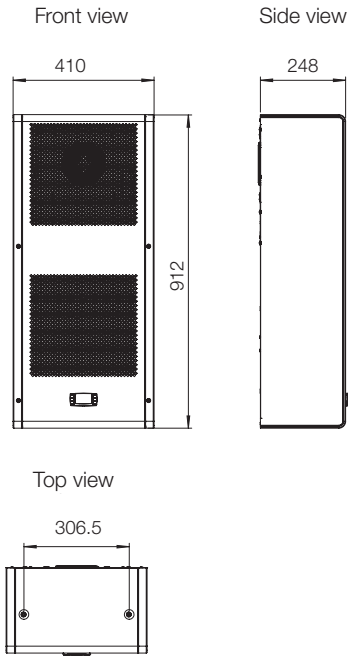


Performance

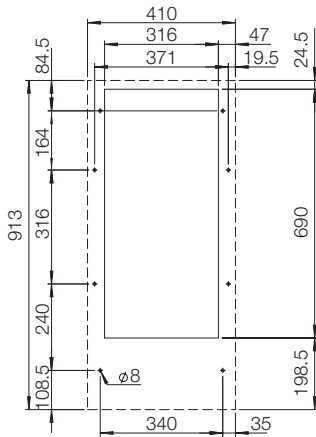


Dimensional drawing | CUVN

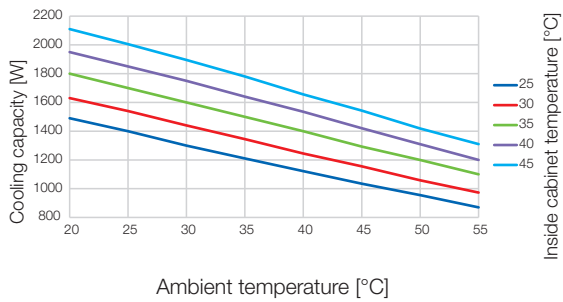
CUVN15002 / CUVN15002SS



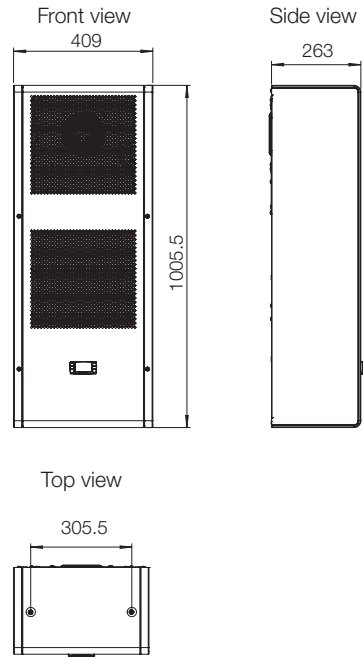
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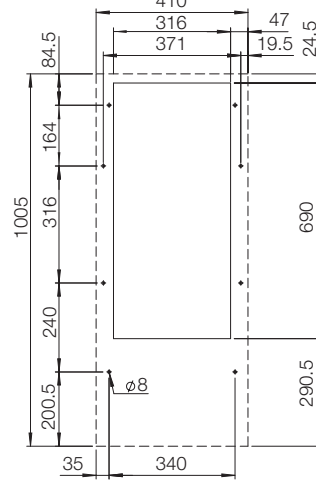
Performance



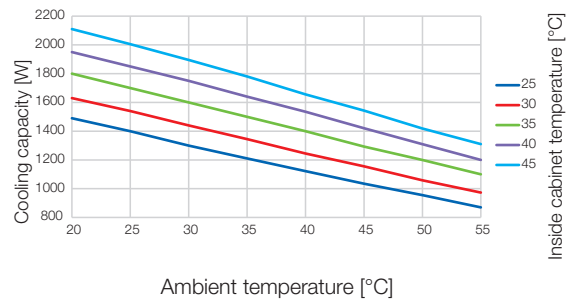
CUVN15004 / CUVN15004SS



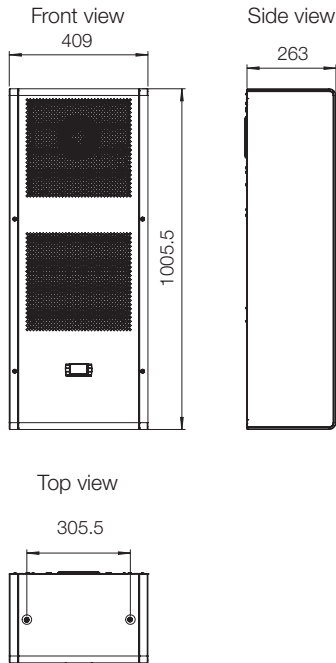
Cut-out



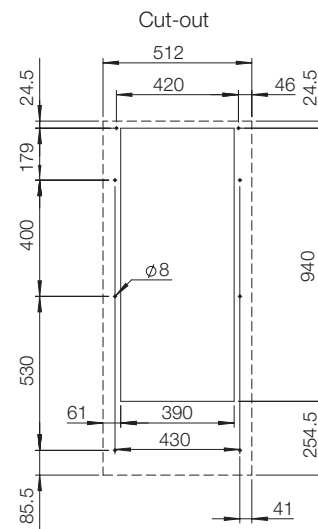
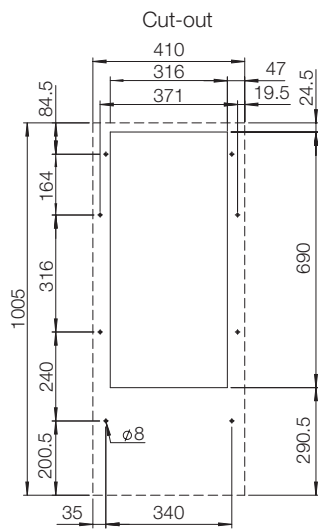
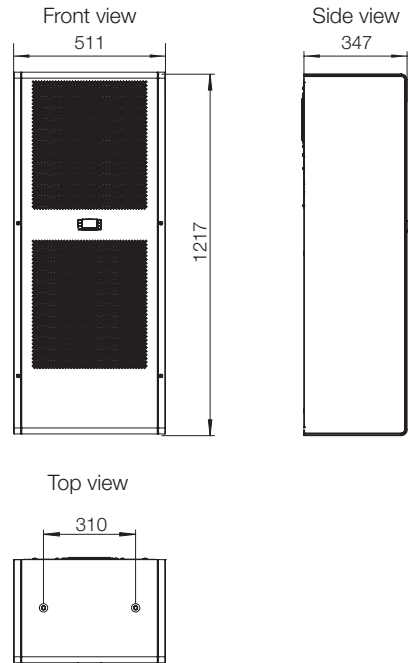
Performance



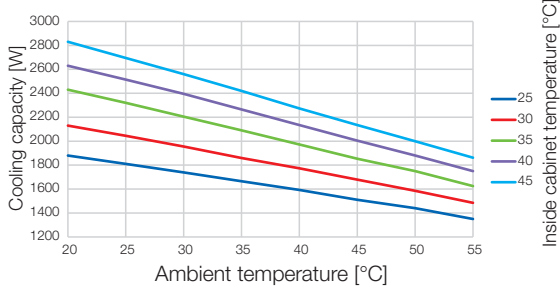
CUVN21002 / CUVN21002SS
CUVN21004 / CUVN21004SS



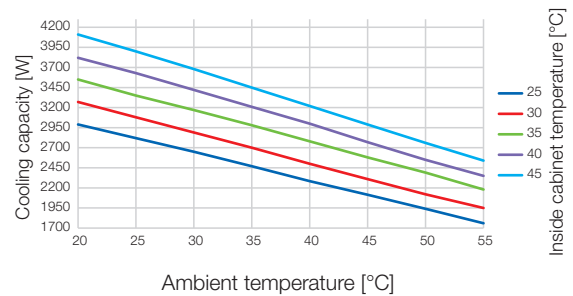
CUVN30002 / CUVN30002SS
CUVN30004 / CUVN30004SS



Performance



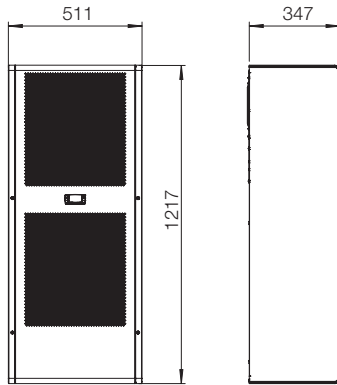
Performance



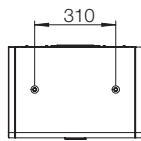
Dimensional drawing | CUVN

CUVN40502 / CUVN40502SS
CUVN40504 / CUVN40504SS

Front view Side view

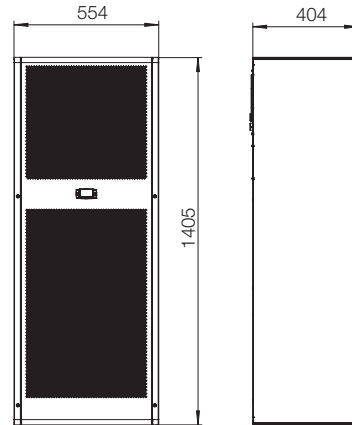


Top view

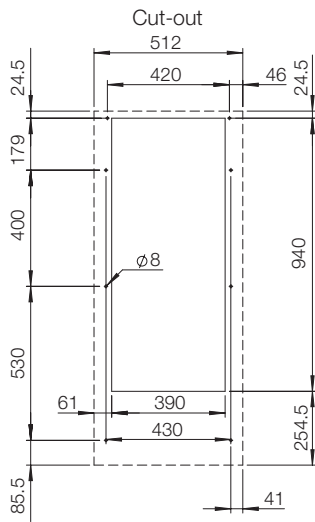
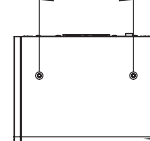


CUVN59504 / CUVN59504SS

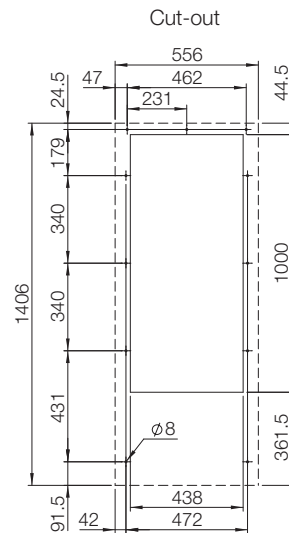
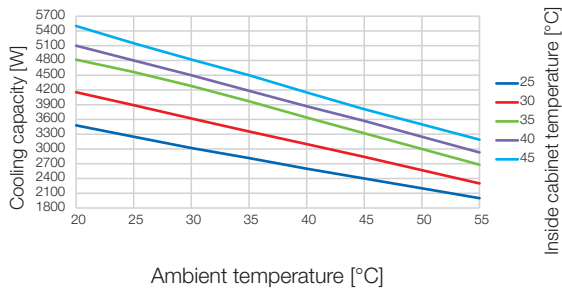
Front view Side view



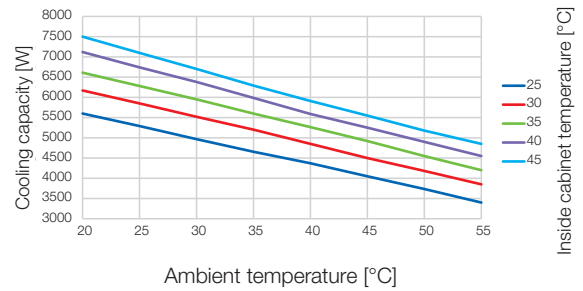
Top view



Performance



Performance



05

Thermal Management

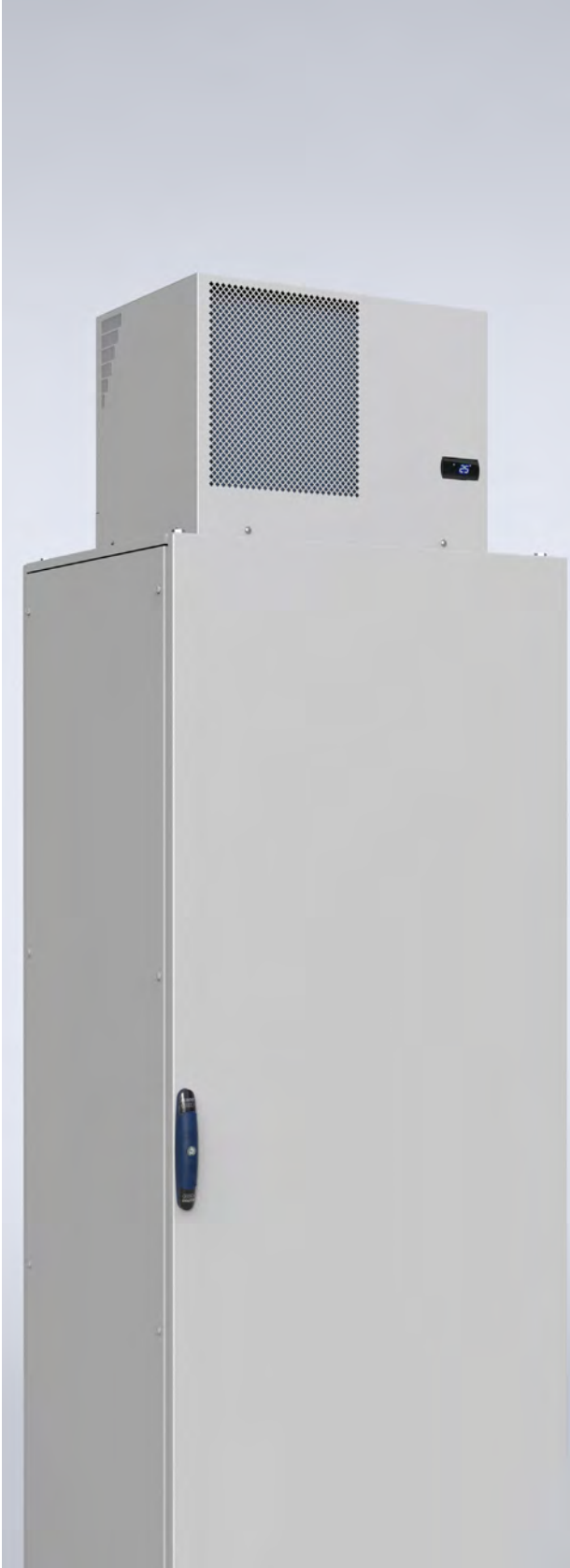


Thermal Management

Cooling units

Roof | CUH

IP 54

**Description:**

High performance cooling unit for top installation, the air conditioners cover a cooling capacity range from 600 W to 3800 W. Condensation management system, which prevents all condensation from penetrating into the enclosure. Most models are equipped with a condensation dissipator and “triple condensation protection system”, from 1400 W up to 3800 W units. Easy installation with a quick release mounting frame.

Common to all models is the self cleaning condenser coil which eliminates the necessity for an air filter, avoiding ordinary maintenance. The standard controller is electronic. The digital thermostat (ECB) is standard on all roof units. The cooling capacity for specific conditions are indicated in the diagrams. Ozone friendly refrigerant R134a.

Type of connection:

Spring-type terminal included.

Material:

Mild steel powder coated, RAL 7035.

Temperature limits inside:

+25°C to +45°C.

Temperature limits outside:

+20°C to +55°C.

Protection:

IP 54.

Finish:

RAL 7035.

Approvals:

CE, cRUus_UL Recognized.

Pack quantity:

One unit.



IP 54

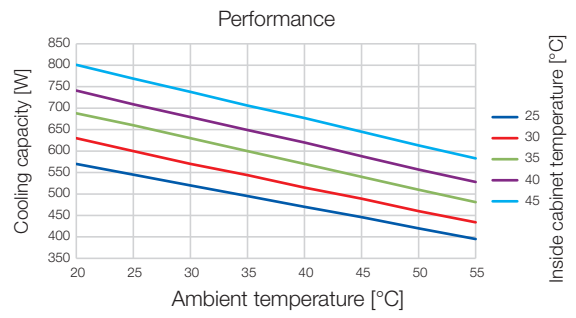
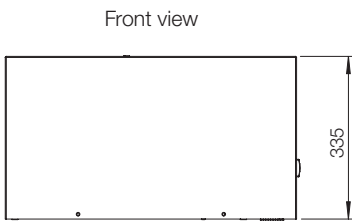
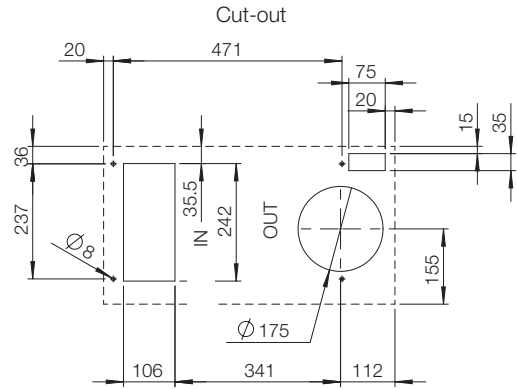
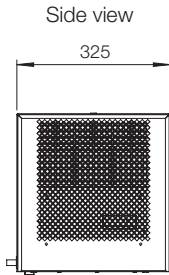
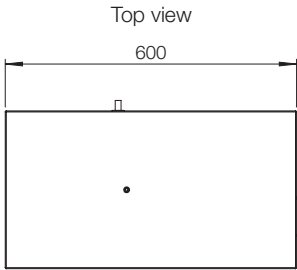
H	W	D	Cooling capacity L35L35 (W)	Cooling capacity L35L50 (W)	Power consumption L35L50 (W)	Power supply (V/ph/Hz)	Item no.
335	600	325	600	510	411	230 / 1 / 50 - 60	CUH06002
335	600	325	900	760	630	230 / 1 / 50 - 60	CUH09002
450	600	400	1400	1170	950	230 / 1 / 50 - 60	CUH14002
450	600	400	2000	1700	1200	230 / 1 / 50 - 60	CUH20002
480	800	450	2700	2300	1660	230 / 1 / 50 - 60	CUH27002
480	800	450	3800	2700	1550	400 - 3 - 50 / 460 - 3 - 60	CUH38004

Max. running current (A)	Starting current (A)	Pre-fuse (A)	Side cabinet fan flow (m ³ /h)	Noise level (dB)	Weight (kg)	Item no.
3	16	4	575	63	32.15	CUH06002
4	15	6	575	67	33.05	CUH09002
5.5	17	8	575	58	51.95	CUH14002
7	22	10	860	62	55.15	CUH20002
9.5	38	12	860	77	77.80	CUH27002
3.5	7	8	1450	77	82.90	CUH38004

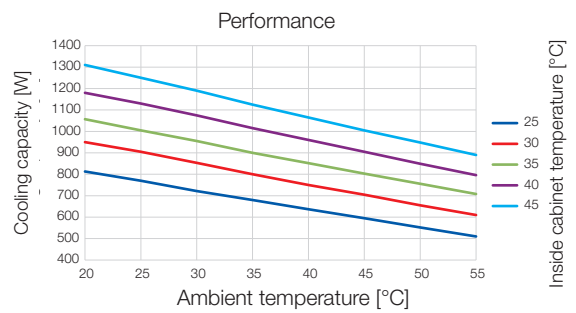
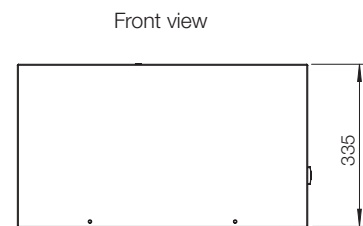
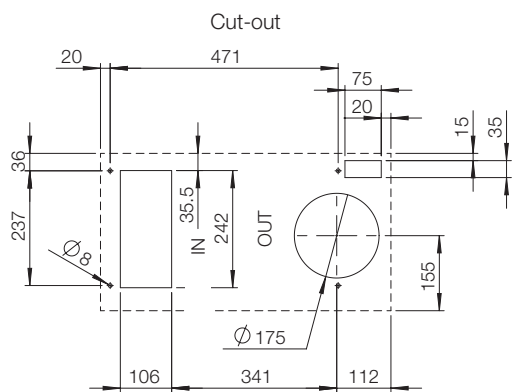
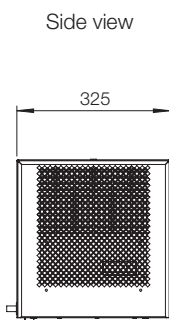
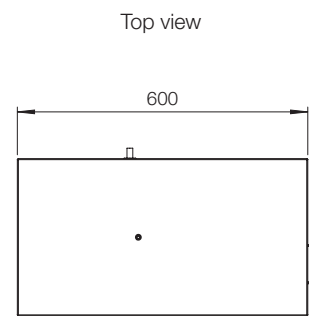


Dimensional drawing | CUH

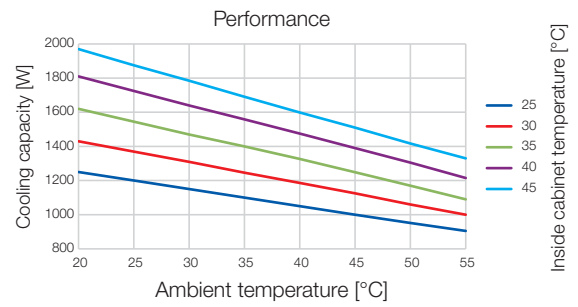
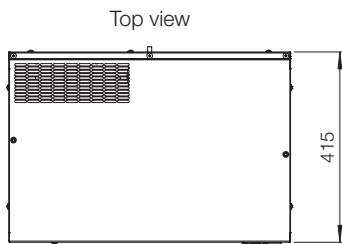
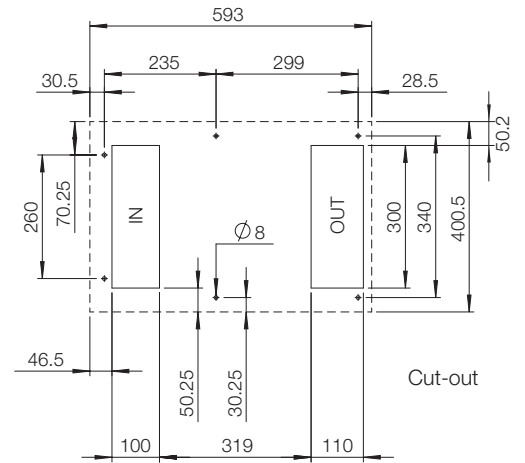
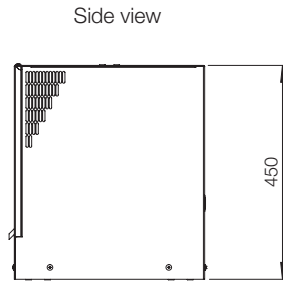
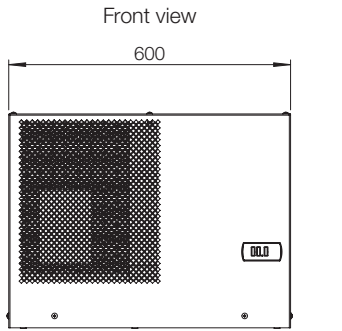
CUH06002



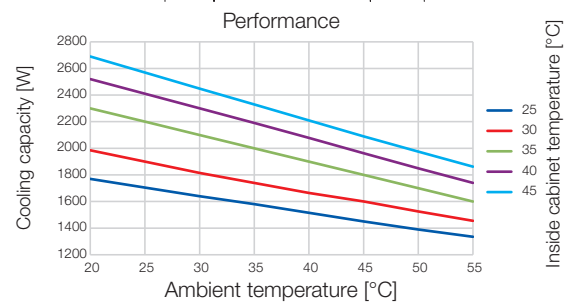
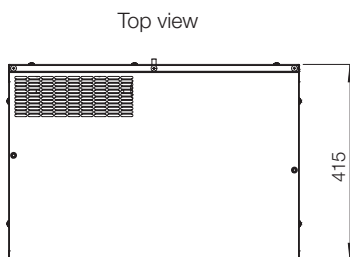
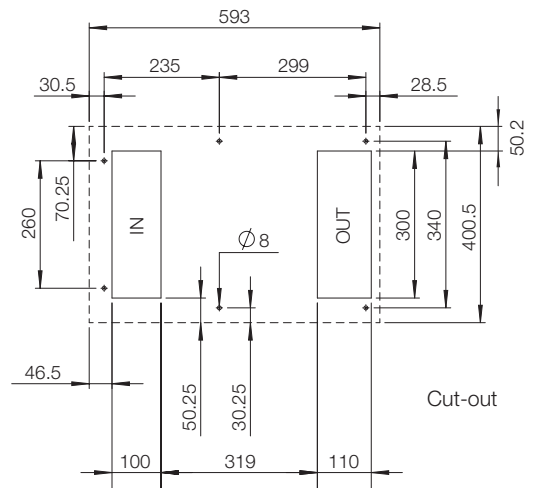
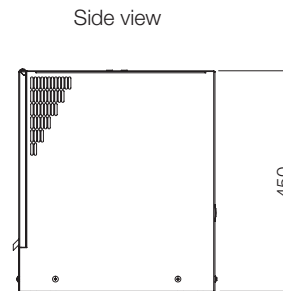
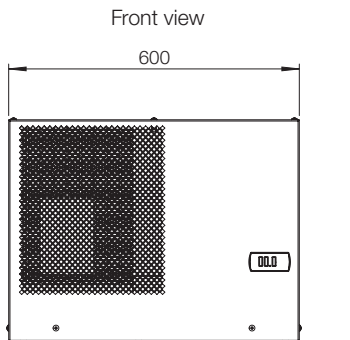
CUH09002



CUH14002

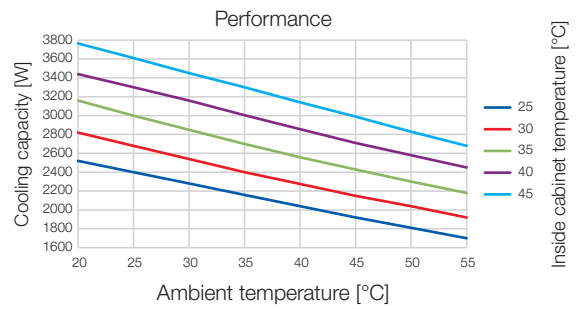
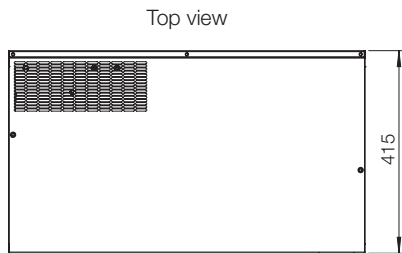
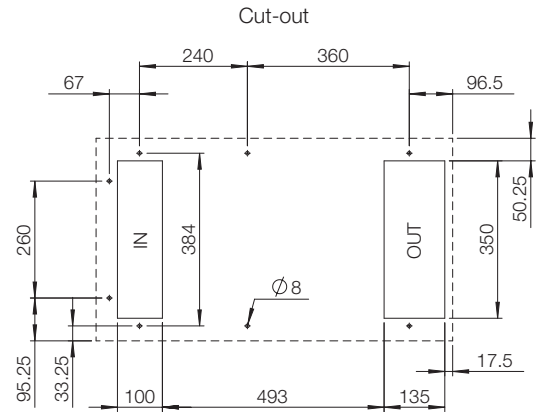
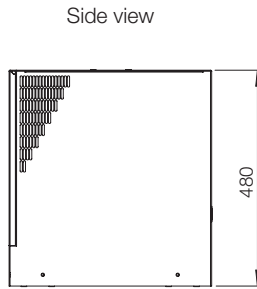
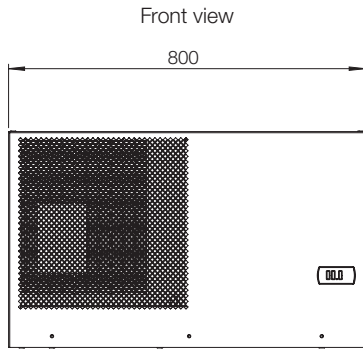


CUH20002

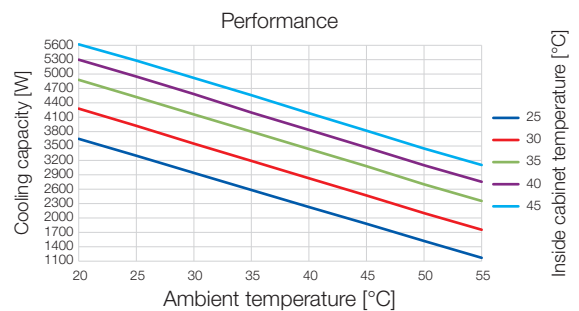
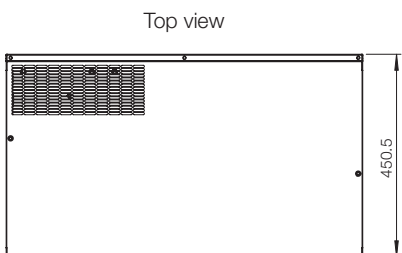
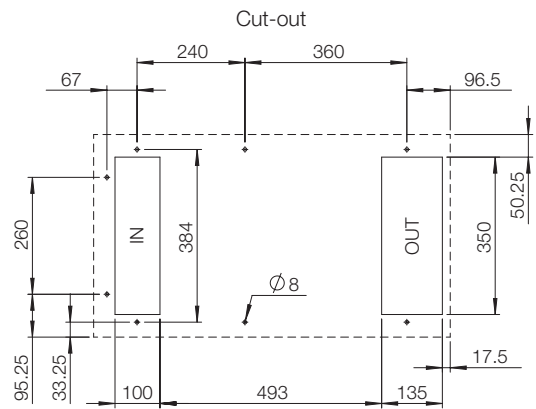
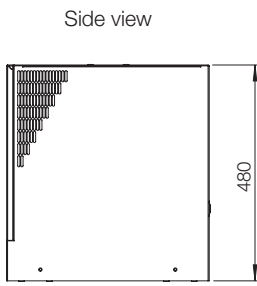
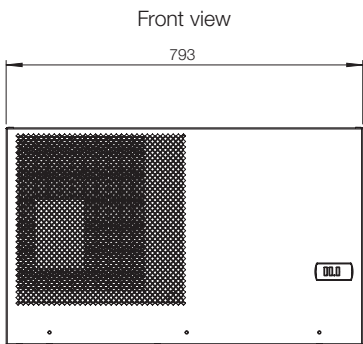


Dimensional drawing | CUH

CUH27002

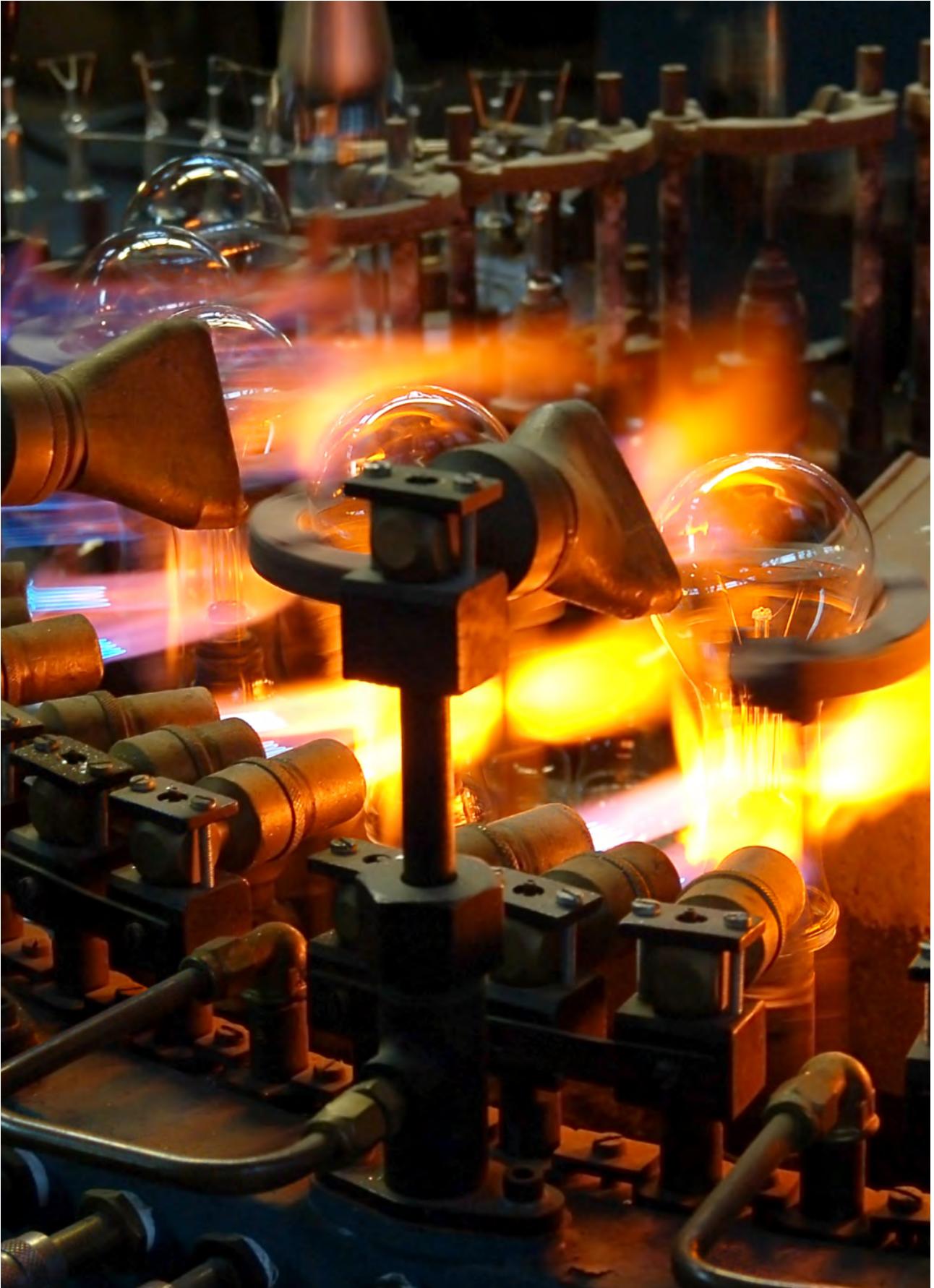


CUH38004



05

Thermal Management



5

Thermal Management

Cooling units

Outdoor | CUON

IP 54 | TYPE 4, 4X

**Description:**

High performance cooling unit for vertical installation. CUON is the air conditioning solution for critical environments which the air conditioner is installed outdoors. The unit is external mounted in order to maximize space inside the enclosure. Common to all models is the self cleaning condenser coil which eliminates the necessity for an air filter, avoiding ordinary maintenance.

The thermostat is inside the unit and it is adjustable between 25°C and 45°C with the Electronic Key-Pad (CUK01) which is available as an accessory. The factory setting is 35°C. The cooling unit can also be supplied with a mechanically adjustable thermostat upon request. Ozone friendly refrigerant R134a.

Type of connection:

Terminal included.

Material:

Galvanized steel powder coated / Stainless steel AISI 304.
Stainless steel AISI 316 available on request.

Temperature limits inside:

+25°C to +45°C.

Temperature limits outside:

-40 to +55 °C.

Protection:

IP 54 | TYPE 4, 4X.

Approvals:

CE, cULus_UL Listed.

Finish:

RAL 7035 for the galvanized steel versions.



IP 54 | TYPE 4, 4X

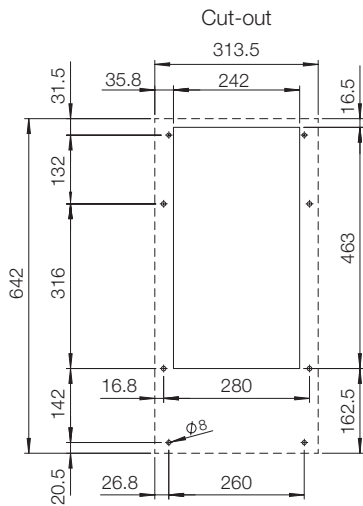
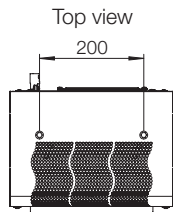
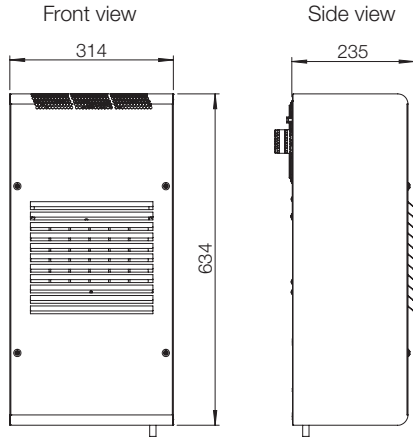
H	W	D	Cooling capacity L35L35 (W)	Cooling capacity L35L50 (W)	Power consumption L35L50 (W)	Power supply (V/ph/Hz)	Item no.
634	314	235	550 - 580	410 - 430	320 - 390	230 / 1 / 50 - 60	CUON05502
634	314	235	850 - 900	620 - 700	420 - 600	230 / 1 / 50 - 60	CUON08502
906	410	272	1100 - 1150	840 - 890	510 - 650	230 / 1 / 50 - 60	CUON10502
906	410	272	1500 - 1600	1200 - 1280	750 - 825	230 / 1 / 50 - 60	CUON15002
999	409	286	1500	1200	890	400 - 3 - 50 / 460 - 3 - 60	CUON15004
996	409	286	2100 - 2200	1750 - 1850	1120 - 1240	230 / 1 / 50 - 60	CUON21002
996	409	286	2100	1800	1200	400-3-50 / 460-3-60	CUON21004
1211	511	356	4000 - 4100	3000 - 3300	1730 - 1950	230 / 1 / 50 - 60	CUON40502
1211	511	356	4050	3260	1950	400 - 3 - 50 / 460 - 3 - 60	CUON40504
634	314	235	550 - 580	410 - 430	320 - 390	230 / 1 / 50 - 60	CUON05502SS
634	314	235	850 - 900	620 - 700	420 - 600	230 / 1 / 50 - 60	CUON08502SS
906	410	272	1100 - 1150	840 - 890	510 - 650	230 / 1 / 50 - 60	CUON10502SS
906	410	272	1500 - 1600	1200 - 1280	750 - 825	230 / 1 / 50 - 60	CUON15002SS
999	409	286	1500	1200	890	400 - 3 - 50 / 460 - 3 - 60	CUON15004SS
999	409	286	2100 - 2200	1750 - 1850	1120 - 1240	230 / 1 / 50 - 60	CUON21002SS
999	409	286	2100	1800	1200	400 - 3 - 50 / 460 - 3 - 60	CUON21004SS
1211	511	356	4000 - 4100	3000 - 3300	1730 - 1950	230 / 1 / 50 - 60	CUON40502SS
1211	511	356	4050	3260	1950	400 - 3 - 50 / 460 - 3 - 60	CUON40504SS

Max. running current (A)	Starting current (A)	Pre-fuse (A)	Side cabinet fan flow (m³/h)	Noise level (dB)	Weight (kg)	Item no.
2.1	7.5	15	195	61	25.56	CUON05502
3.9	20	15	390	64	30.00	CUON08502
3.6	18	15	580	65	48.89	CUON10502
5.2	28	15	580	65	51.11	CUON15002
2.37	20	15	580	65	53.33	CUON15004
6.3	34	15	580	69	53.33	CUON21002
3.62	22	15	930	69	53.33	CUON21004
8.3	35	15	1300	70	88.89	CUON40502
5.96	19	15	1300	70	94.44	CUON40504
2.1	7.5	15	195	61	25.56	CUON05502SS
3.9	20	15	390	64	30.00	CUON08502SS
3.6	18	15	580	65	48.89	CUON10502SS
5.2	28	15	580	65	51.11	CUON15002SS
2.37	20	15	580	65	53.33	CUON15004SS
6.3	34	15	580	69	53.33	CUON21002SS
3.62	22	15	930	69	53.33	CUON21004SS
8.3	35	15	1300	70	88.89	CUON40502SS
5.96	19	15	1300	70	94.44	CUON40504SS

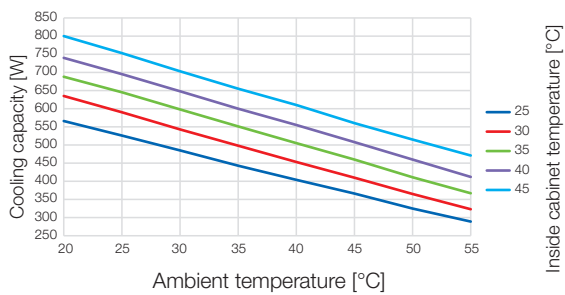


Dimensional drawing | CUON

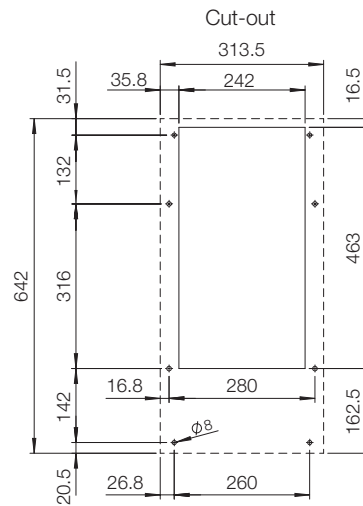
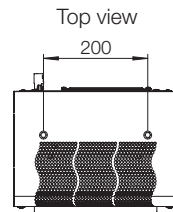
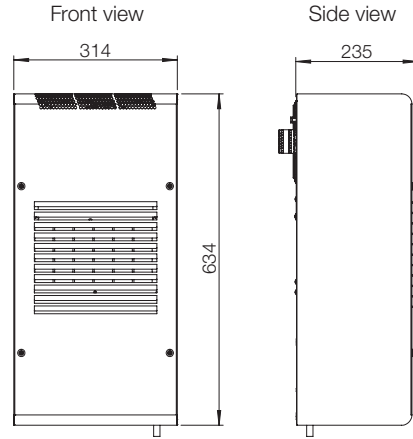
CUON05502 / CUON05502SS



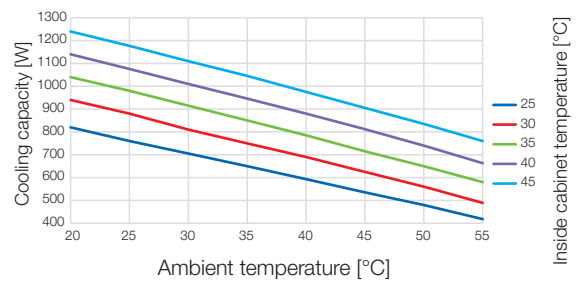
Performance



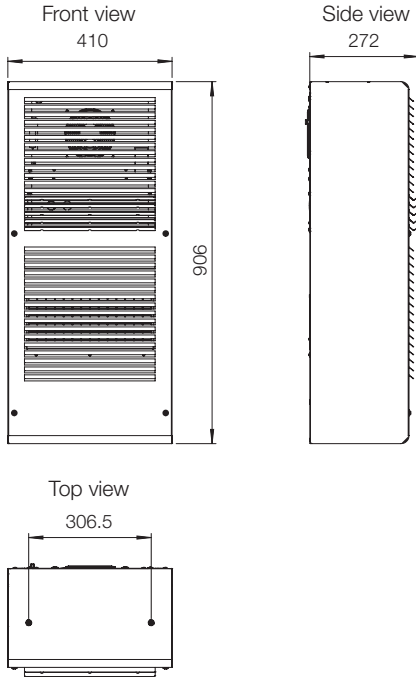
CUON08502 / CUON08502SS



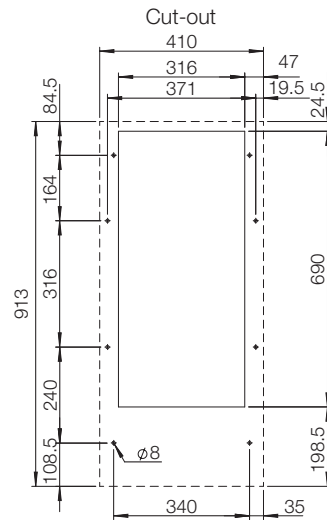
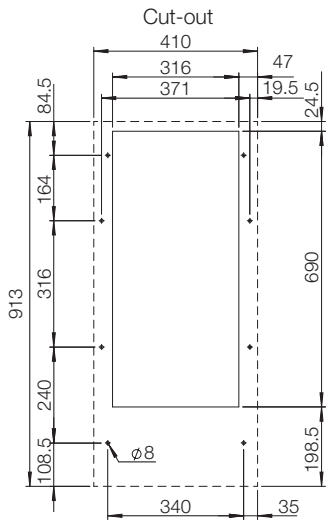
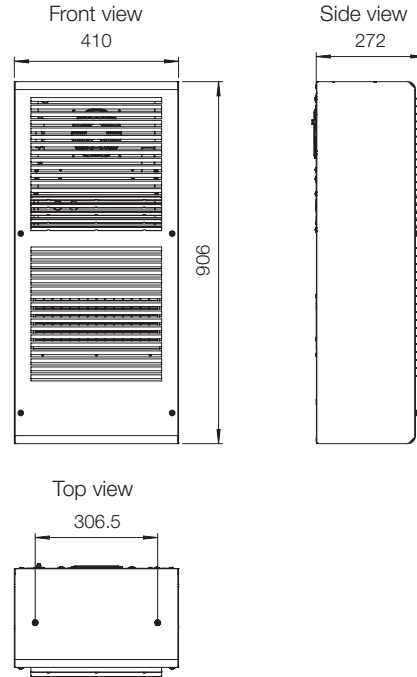
Performance



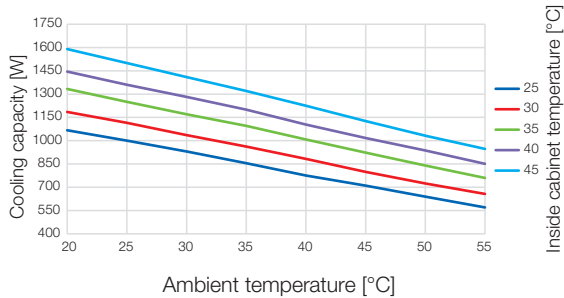
CUON10502 / CUON10502SS



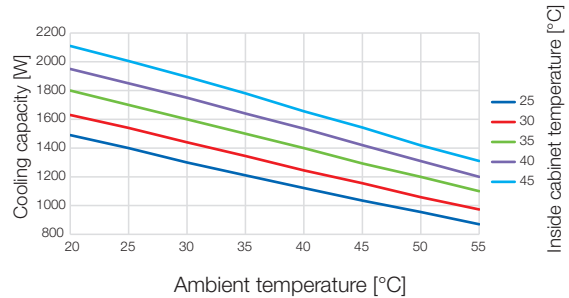
CUON15002 / CUON15002SS



Performance

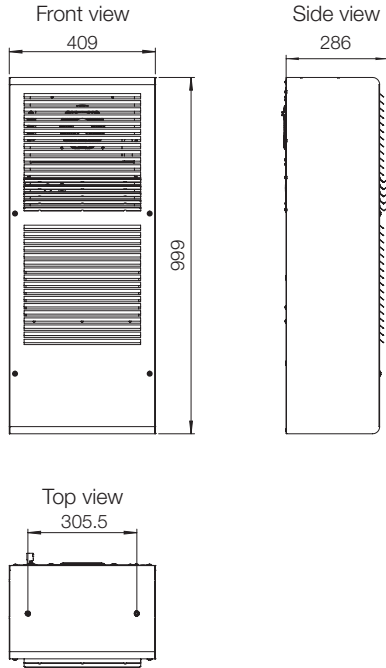


Performance

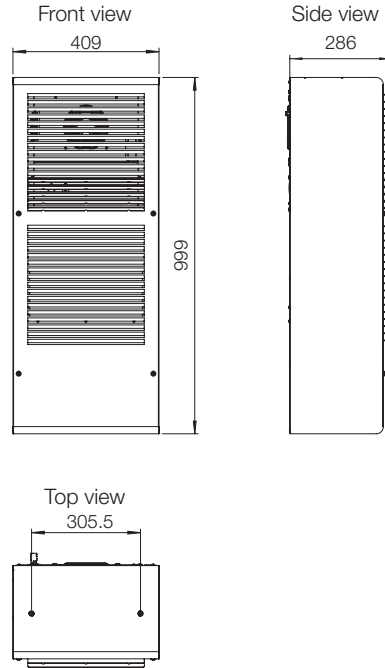


Dimensional drawing | CUON

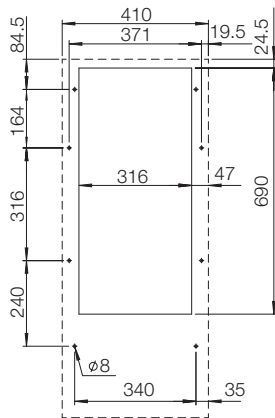
CUON15004 / CUON15004SS



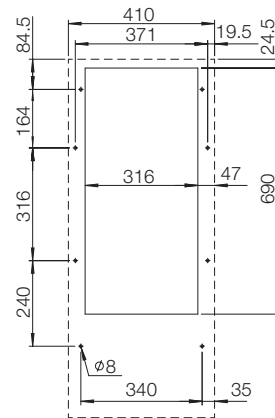
CUON21002 / CUON021002SS



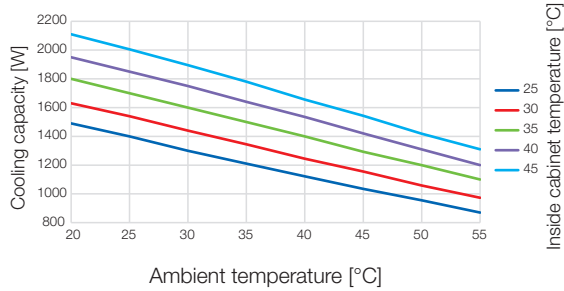
Cut-out



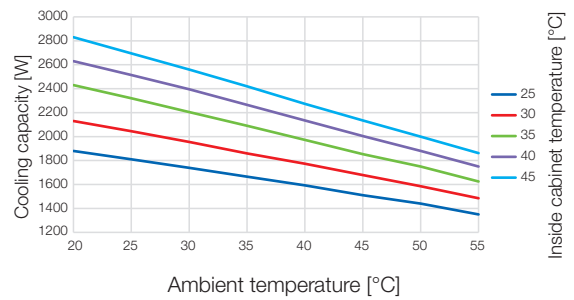
Cut-out



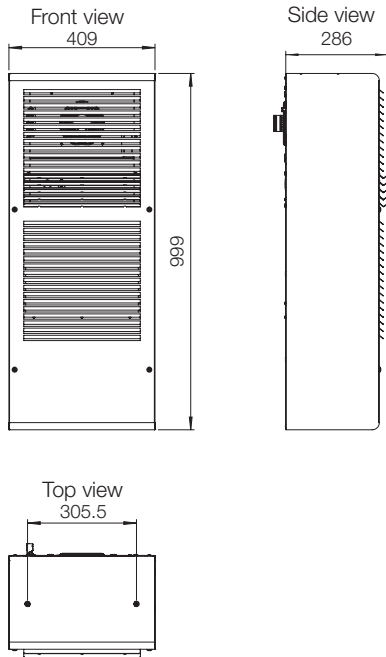
Performance



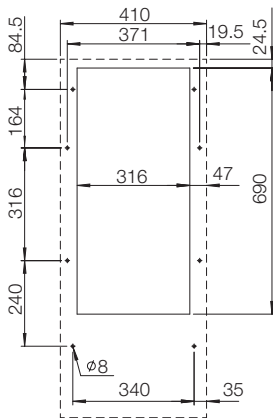
Performance



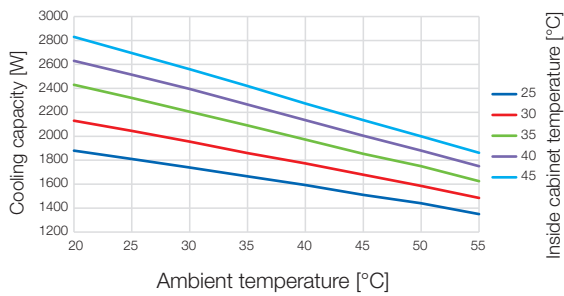
CUON21004 / CUON021004SS



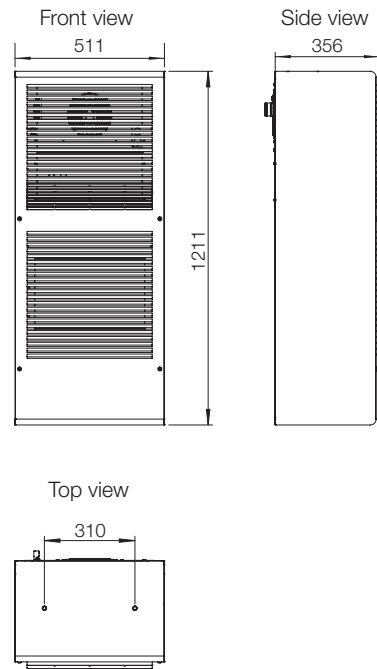
Cut-out



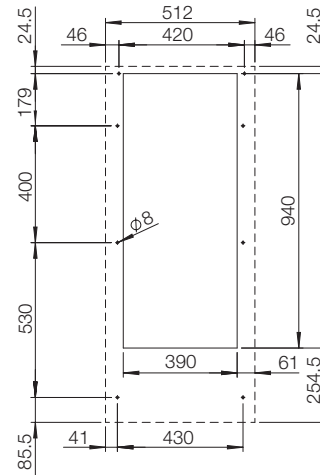
Performance



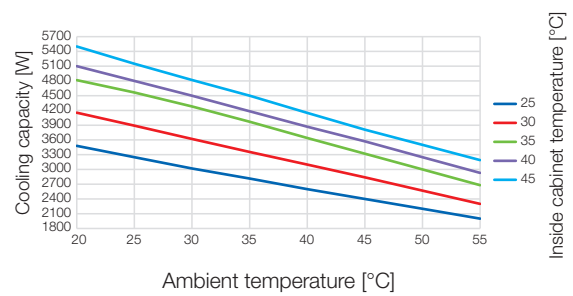
CUON40502 / CUON40502SS
CUON40504 / CUON40504SS



Cut-out



Performance



Thermal Management

Vortex Range

Typical Application | Vortex Range

- Glass industries
- Foundries
- Casting plants
- Steel mills
- Oil & Gas



Eldon vortex cooler incorporates a vortex tube to produce cold air from compressed air. A reliable solution to provide cool air into an electrical enclosure, even in harsh environments in which other cooling systems will not work properly. This solution is suitable for environments with dust thanks to the overpressure created inside the enclosure, or in applications with high working temperatures because the Eldon vortex cooler works effectively in temperatures up to 93 °C.



Pultrusion process

In the pultrusion process, resin coated fibers are assembled by a forming guide, then drawn through a heated die. The heat from the die can have an impact on the line control panel. The vortex cooler BP was used to reduce the temperature inside the enclosure to avoid PLC and control equipment malfunction, but the main reason to select the vortex cooler was the extra protection against the dust in the ambient which was guaranteed by the overpressure inside the enclosure.



Steel mill

Electrical enclosures are not usually placed near the blast furnace, but occasionally some enclosures are placed near the molten iron where the temperature is very high. In this situation the most suitable cooling solution was the high temperature vortex cooler HT.



Maintenance free

The vortex cooler has no moving parts, filters or refrigerant making this cooling solution very reliable and maintenance free.



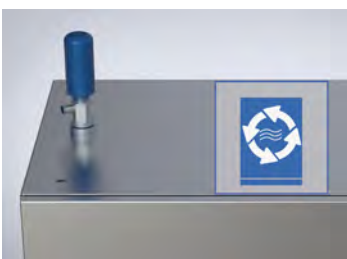
Minimum assembly labour

Easy and fast installation in the enclosure through a standard electrical cut-out.



Water condensation prevention

The vortex cooler will reduce the temperature inside the enclosure and maintain a stable level of humidity at the same time.



High enclosure protection

The enclosure is both cooled and pressurized with cool and clean air, outside air is never allowed to enter into the enclosure.



Thermal Management

Vortex Range

Vortex cooler | BP

IP 66 | TYPE 4X

**Description:**

Compact, reliable and low cost way to cool and purge enclosures. It produces cold air from compressed air, with no moving parts. The easy mounting through a standard electrical knockout makes this solution specially suitable to be installed even when the enclosures are already in the field. Vortex coolers BP provide a 30°C temperature drop from supply air temperature when the inlet pressure is 7 bar (elevated inlet temperature will produce a rise in cold air temperature and reduction in cooling capacity, low air pressures will also reduce the cooling capacity). For a continuous Vortex operating, relative humidity inside the enclosure is maintained below 45%, no moisture condenses inside the enclosure (the enclosure must be sealed). Suitable even for ambient temperatures up to 52°C, the internal components can withstand these high temperatures. Most TYPE 4 and 4X units include a silencer to minimize the noise. The coolers must be installed vertically to maintain the protection degree.

Material:

Internal Vortex tube manufactured in stainless steel. External cover, BP TYPE 12 in plastic and aluminium, BP TYPE 4 in aluminium, and 4X in stainless steel.

Protection:

Depending on type, up to IP 66 | TYPE 4X.

Approvals:

CE, UL_listed.

Pack quantity:

Vortex cooler with mounting accessories.



IP 66 | TYPE 4X

IP 54 | TYPE 12, Aluminium

H	Cooling Capacity (W)	Air flow (l/min)	Noise (dB)	Silencer included	Low pressure relief valve	Installation cut-out diam. (mm)	Air inlet	Item no.
131	162	227	78	No	No	22	1/8"	BP4008
203	293	425	87	No	No	29	1/4"	BP4015
203	586	850	88	No	No	29	1/4"	BP4030
203	820	1133	93	No	No	29	1/4"	BP4040

IP 66 | TYPE 4, Aluminium

H	Cooling Capacity (W)	Air flow (l/min)	Noise (dB)	Silencer included	Low pressure relief valve	Installation cut-out diam. (mm)	Air inlet	Item no.
126	162	227	78	No	Yes	33	1/8"	BP4608
185	293	425	73	Yes	Yes	48	1/4"	BP4615
185	586	850	74	Yes	Yes	48	1/4"	BP4630
185	820	1133	78	Yes	Yes	48	1/4"	BP4640

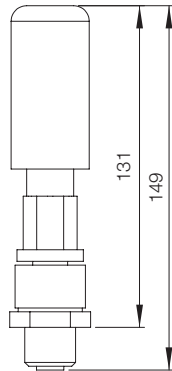
IP 66 | TYPE 4X, Stainless steel

H	Cooling Capacity (W)	Air flow (l/min)	Noise (dB)	Silencer included	Low pressure relief valve	Installation cut-out diam. (mm)	Air inlet	Item no.
126	162	227	78	No	Yes	33	1/8"	BP4608SS
185	293	425	73	Yes	Yes	48	1/4"	BP4615SS
185	586	850	74	Yes	Yes	48	1/4"	BP4630SS
185	820	1133	78	Yes	Yes	48	1/4"	BP4640SS

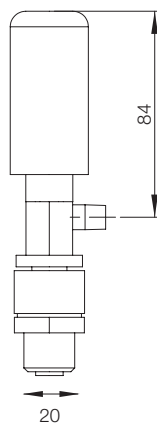
Dimensional drawing | BP

BP 4008

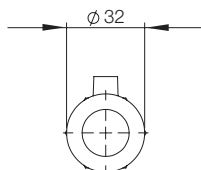
Front view



Side view

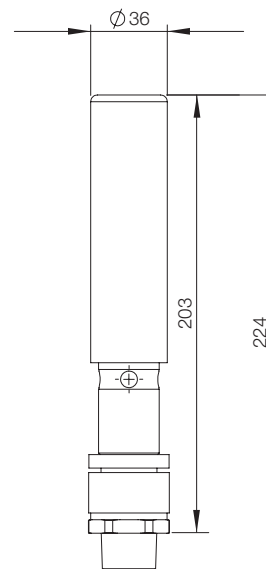


Top view

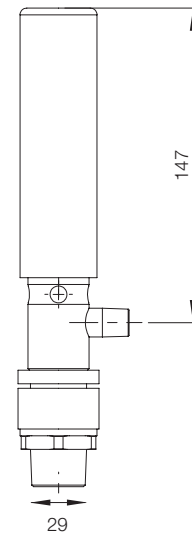


BP4015 / BP4030 / BP4040

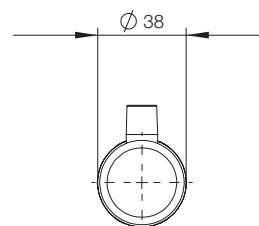
Front view



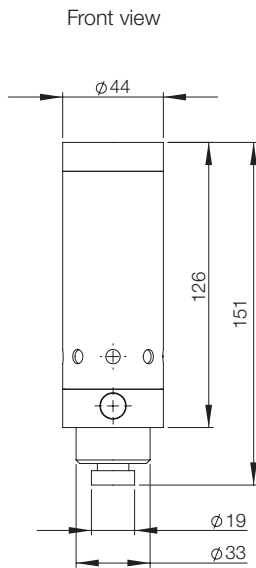
Side view



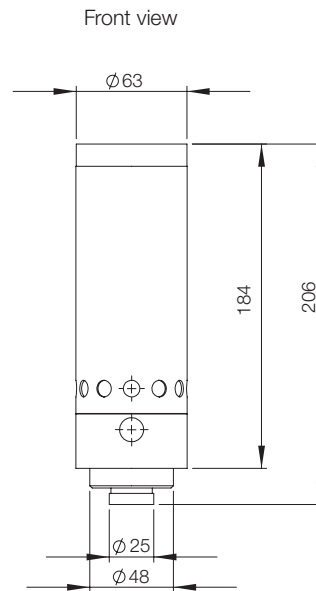
Top view



BP4608 / BP4608SS



BP4615 / BP4630 / BP4640
BP4615SS / BP4630SS / BP4640SS



Thermal Management

Vortex Range

High Temperature vortex cooler | HT

IP 66 | TYPE 4X



Description:

Compact and reliable way to cool enclosures. It produces cold air from compressed air, with no moving parts. The easy mounting through a standard electrical knockout makes this solution specially suitable to be installed even when the enclosures are already in the field. Vortex coolers HT provide a 48°C temperature drop from supply air temperature when the inlet pressure is 7 bar (elevated inlet temperature will produce a rise in cold air temperature and reduction in cooling capacity, low air pressures will also reduce the cooling capacity). For a continuous Vortex operating, relative humidity inside the enclosure is maintained at approximately 45%, no moisture condenses inside the enclosure (the enclosure must be sealed). Suitable even for ambient temperatures up to 93°C, the internal components can withstand these high temperatures. It includes a silencer to minimize the noise. The coolers must be installed vertically to maintain the protection degree.

Material:

Internal vortex tube manufactured in stainless steel. External cover, BP TYPE 12 in plastic and aluminium, BP TYPE 4 in aluminium, and TYPE 4X in stainless steel.

Protection:

Depending on type, up to IP 66 | TYPE 4X.

Approvals:

CE, cULus_Listed.

Pack quantity:

Vortex cooler with mounting accessories.



IP 66 | TYPE 4X

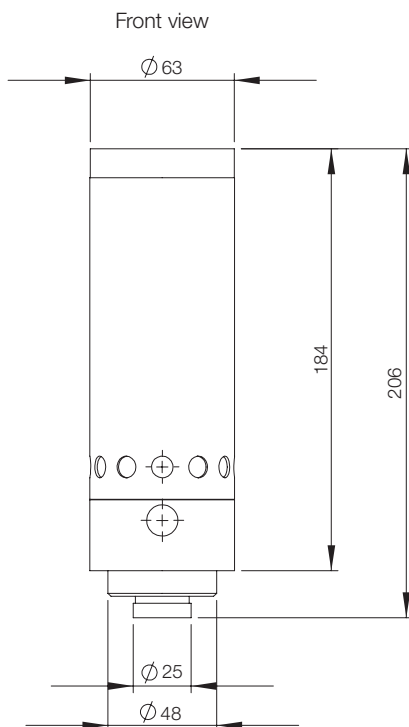
IP 66 | TYPE 4, Aluminium

H	Cooling Capacity (W)	Air flow (l/ min)	Noise (dB)	Silencer included	Low pressure relief valve	Instalation cut-out diam. (mm)	Air inlet	Item no.
184	293	425	73	Yes	Yes	48	1/4"	HT4615
184	586	850	74	Yes	Yes	48	1/4"	HT4630
184	820	1133	78	Yes	Yes	48	1/4"	HT4640

IP 66 | TYPE 4X, Stainless steel

H	Cooling Capacity (W)	Air flow (l/ min)	Noise (dB)	Silencer included	Low pressure relief valve	Instalation cut-out diam. (mm)	Air inlet	Item no.
184	293	425	73	Yes	Yes	48	1/4"	HT4615SS
184	586	850	74	Yes	Yes	48	1/4"	HT4630SS
184	820	1133	78	Yes	Yes	48	1/4"	HT4640SS

Dimensional drawing | HT



Thermal Management

Vortex Range

Accessories

Air distribution kit, BPA

Description: Flexible vinyl tube used to direct the cold air for circulation, or to hot spots. Tube connector, end plug, and adhesive clips to hold the tube are included. Holes may be drilled or cut ("V" shaped) in the tube, if the end plug is used at least 6 3.2 mm diameter holes must be made to avoid excessive back pressure on the cooler.

Delivery: BPA01 includes 1.2 m of tube, 4 fixation clips, connector and end plug. BPA02 includes 2.4 m of tube, 8 fixation clips, connector and end plug.

For	Item no.
BP 4 x 08	BPA01
BP/HT 4 x 15, 4 x 30, 4 x 40	BPA02



Thermostat kit, BPT

Description: Brass solenoid valve and thermostat that limit the flow of compressed air to only when cooling is needed. The thermostat is factory set at 35°C, but adjustable to any other temperature. The thermostat mounts in a 22 mm diameter hole, and it may be mounted through the enclosure wall or on a bracket inside the enclosure. The thermostatically controlled vortex cooler saves compressed air, and it is recommended where heat load fluctuates and continual purge is not required.

Voltage: 240V and 50 Hz. Other voltages on request.

Delivery: Thermostat with mounting bracket, and solenoid valve.

For	Item no.
BP/HT 4 x 08, 4 x 15	BPT14
BP/HT 4 x 30, 4 x 40	BPT38



Air regulator kit, PLFR

Description: Air pressure regulator with pressure dial, and manometer to adjust the air pressure. It filters condensed water and particles (>5µ). Maximum inlet pressure 13 bar, and at max pressure maximum temperature: 40°C. Connection 1/4".

Delivery: Air pressure regulator and water trap.

Item no.
PLFR1/4

Connection 3/8" on request.



Silencer Vortex, BPS

Description: To reduce the noise from the vortex cooler. It mounts directly to the nozzle of the vortex cooler, inside the enclosure. It reduces around 15% the vortex cooler noise.

Delivery: Silencer.

Item no.
BPS4902



Side mounting kit, BPF

Description: The side mounting kits make mounting on the side of an electrical enclosure possible when there is limited space on the top. The side mounting kit maintains the TYPE / IP rating. They mount in a standard electrical knockout.

Material: Aluminium in BPF9001 and 9002, and stainless steel 303 in BPF9003 and 9004.

Pack quantity: 1 piece.

For	Item no.
BP4008	BPF9001
BP4015, 4030, 4040	BPF9002
BP4608	BPF9003
BP4615, 4630, 4640 and HT	BPF9004



Thermal Management

Air-Water heat exchangers Range

Typical Application | Air-Water heat exchangers Range

Industrial processes

Chemical industry

Printing industry

Machines cooled with water



The Air-Water heat exchanger will cool the enclosure's internal air by dissipating the heat from the air to the water. As the ambient air is not used to cool the enclosure (closed loop), heat exchangers are the optimum solution when the internal enclosure temperature is lower than the ambient temperature and the ambient air is not clean enough. It is a popular suitable solution for machines or production processes that are cooled by water, and where a cold water source is already accessible. Available in roof and vertical versions, the Air-Water heat exchangers are a good solution when a high cooling capacity is required and the available space is reduced.



Printing industry

In the printing industries there are normally a high number of machines within a limited space working almost simultaneously. It is important, therefore, for the machines to have a reliable cooling solution that also avoids downtimes. Considering that many of the machines are water cooled, the cold water supply infrastructure was already in place. In this context, the vertical air-water heat exchanger PWS is the best solution because of the high cooling efficiency and the fact that the heat loss from the control panels is led out of the factory.



High protection degree

Closed loop cooling system which maintains the enclosure protection up to IP 55, and can be used in oily or aggressive environments.



Independent from ambient air temperature

As it uses cold water from a chiller or a central supply, this solution can be used with ambient air temperatures higher than the desired temperature inside the enclosure.



High cooling capacity

Compact solution up to very high cooling capacities, with the additional advantage that the power losses that occur are not given off next to the enclosure. The integrated thermostat and solenoid valve will let use only the required cooling making it a energy-efficient solution.



Maintenance free

As it has no refrigerant or filters the need for regular maintenance is extremely reduced.

Thermal Management

Air-Water heat exchangers Range

Vertical | PWS

IP 55

**Description:**

For vertical installation. Additional work is not required to the cutout to guarantee the IP. Integrated thermostat and solenoid valve for temperature control, and temperature monitoring with alarm contact. The thermostat is adjustable between 8°C and 50°C, factory setting 35°C. Maximum permissible operating pressure of 10 bar. The cooling capacity for specific conditions are indicated in the diagrams. Water inlet temperature between 1°C up to 35°C.

Type of connection:

Spring-type terminal included with plug for electrical connection, 13 mm hose nozzle for water pipe connections.

Material:

Housing made of galvanized steel powder coated. Heat exchanger made of copper pipe with aluminium fins.

Ambient temperature range:

1°C to +70°C.

Protection:

IP 55 towards the electrical enclosure.

Finish:

RAL 7035.

Approvals:

CE, GOST.

Pack quantity:

One unit.



IP 55

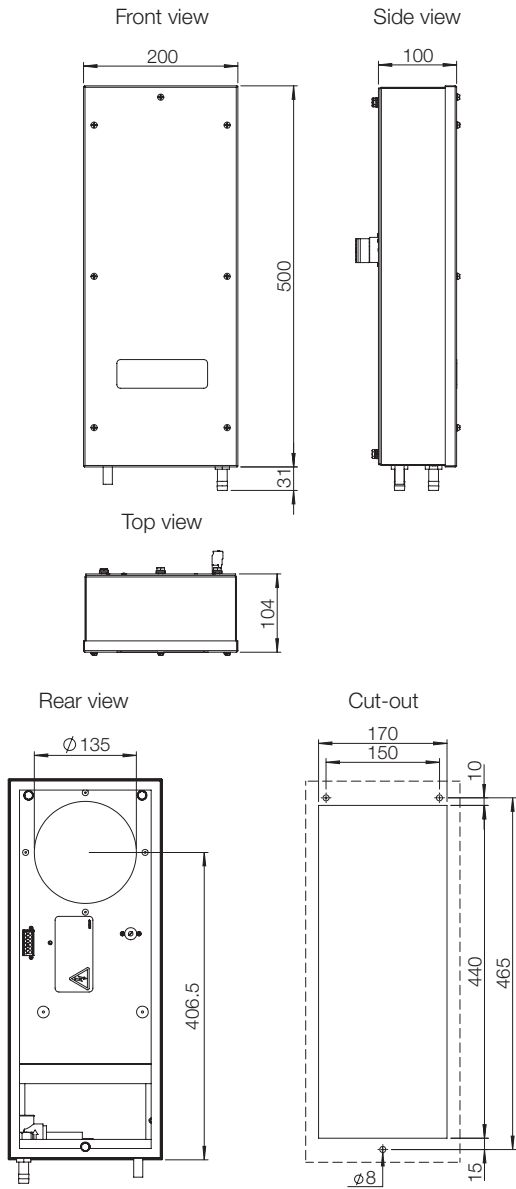
H	W	D	Cooling Capacity 200 l/h - W10/A35 (W)	Power W10/A35 (W)	Current W10/A35 (A)	Pre fuse T (A)	Item no.
500	200	100	600	68 / 70	0.35 / 0.38	4	PWS7062R5
500	200	150	950	82 / 84	0.35 / 0.40	4	PWS7102R5
950	400	115	1500	125 / 182	0.55 / 0.75	4	PWS7152R5
950	400	190	3150	295 / 385	1.30 / 1.70	6	PWS7332R5

Starting current W10/A35 (A)	Unimpeded airflow (m³/h)	Noise (dB)	Frequency	Weight (kg)	Item no.
1.50 / 1.80	440	≤48	50 / 60	6.65	PWS7062R5
1.70 / 1.95	570	≤48	50 / 60	8.33	PWS7102R5
2.00 / 2.00	850	53	50 / 60	23.33	PWS7152R5
5.80 / 6.60	1670	54	50 / 60	25.56	PWS7332R5

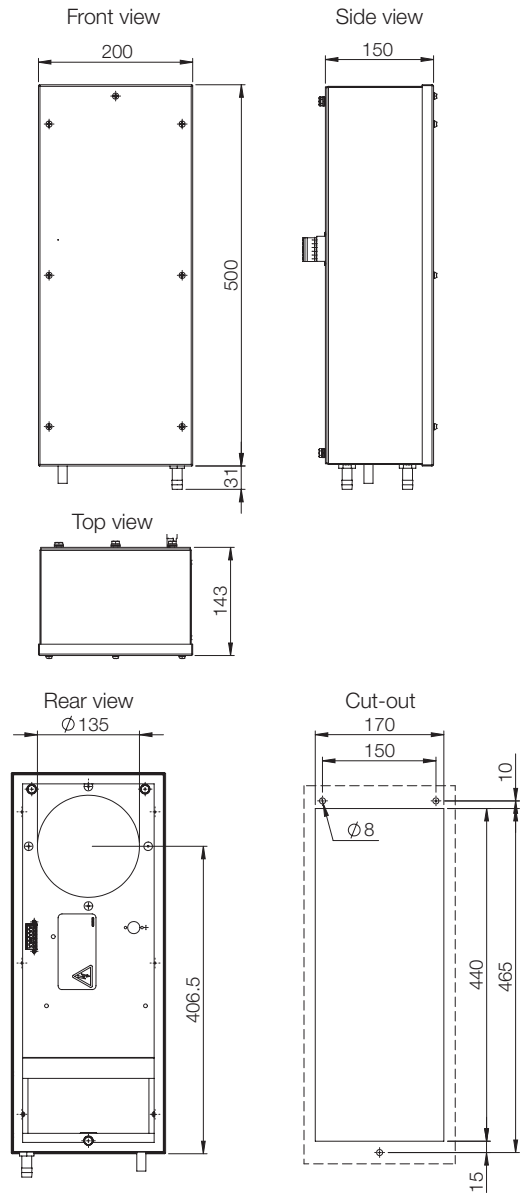


Dimensional drawing | PWS

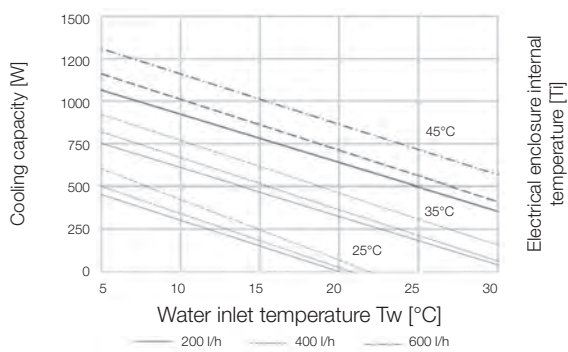
PWS7062R5



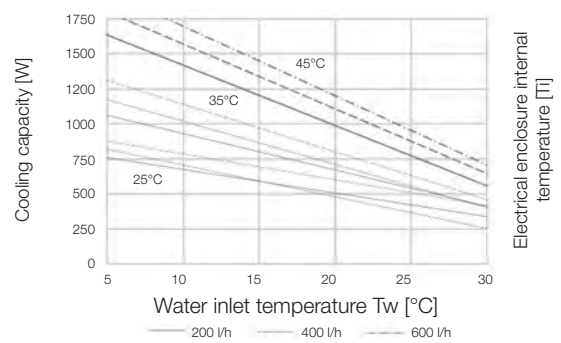
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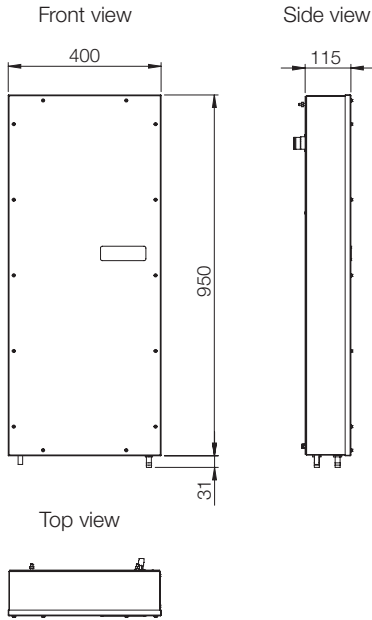
Performance



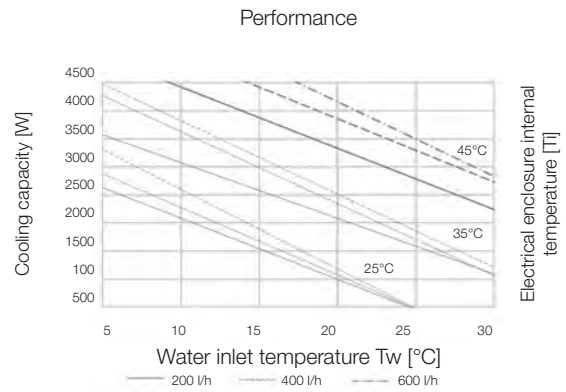
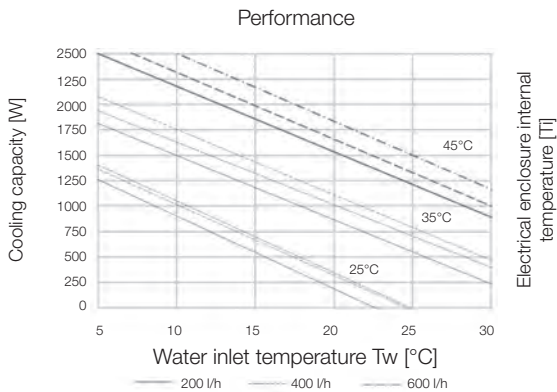
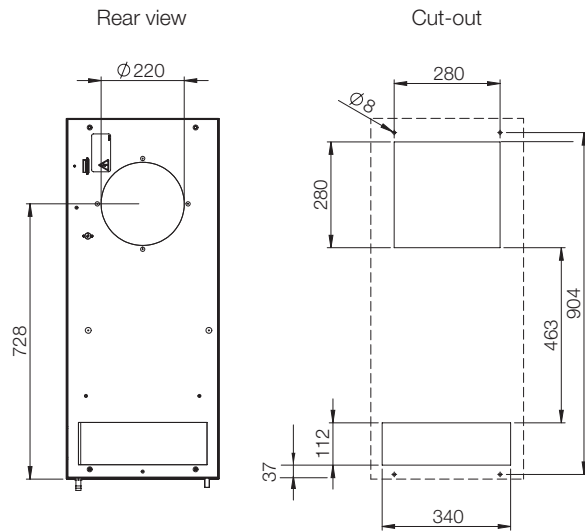
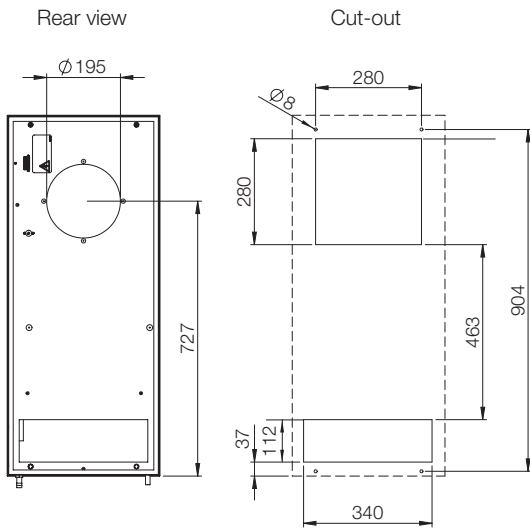
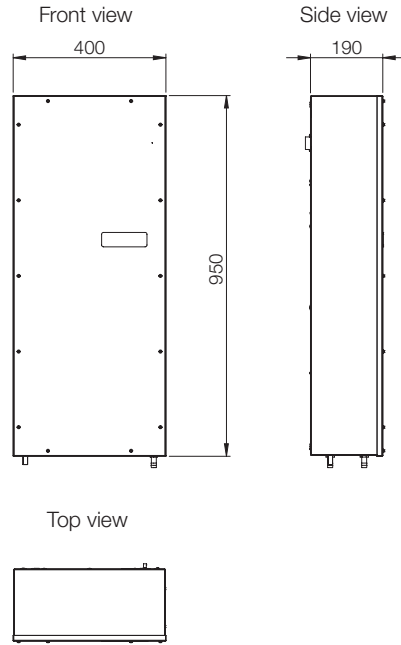
Performance



PWS7152R5



PWS7332R5



Thermal Management

Air-Water heat exchangers Range

Roof | PWD

IP 55

**Description:**

For roof installation. Additional work is not required to the cutout to guarantee the IP. Integrated thermostat and solenoid valve for temperature control. The thermostat is adjustable between 8°C and 50°C, factory setting 35°C. Maximum permissible operating pressure of 10 bar. The cooling capacity for specific conditions are indicated in the diagrams. Water inlet temperature between 1°C to 35°C.

Type of connection:

3.5 m cable 3 x 0.75 mm² for electrical connection. 13 mm hose nozzle for water pipe connections.

Material:

Housing made of galvanized steel powder coated. Heat exchanger made of copper pipe with aluminium fins.

Ambient temperature range:

1°C to +70°C.

Protection:

IP 55 towards the electrical enclosure.

Finish:

RAL 7035.

Approvals:

CE, GOST.

Pack quantity:

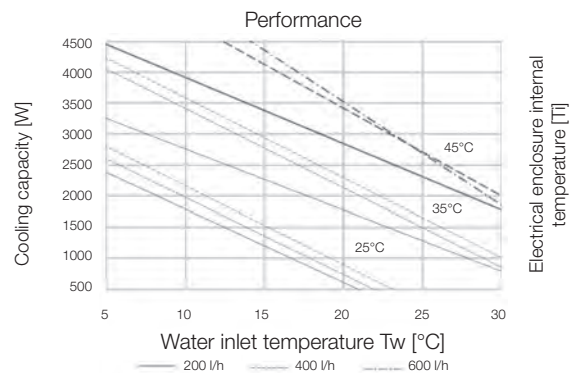
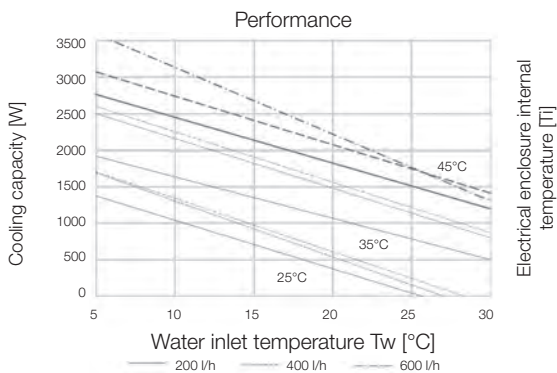
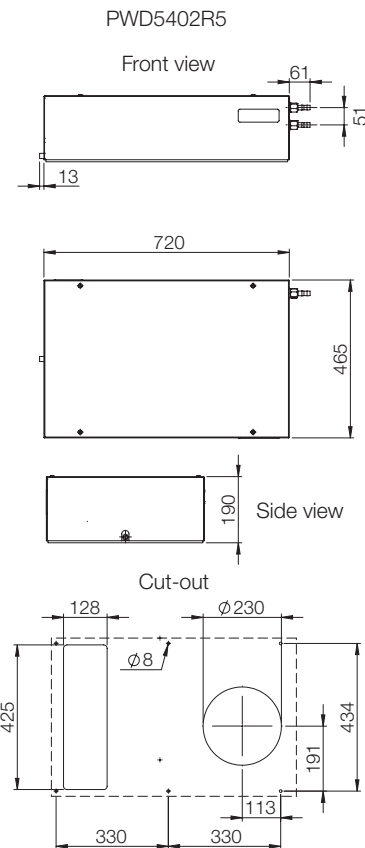
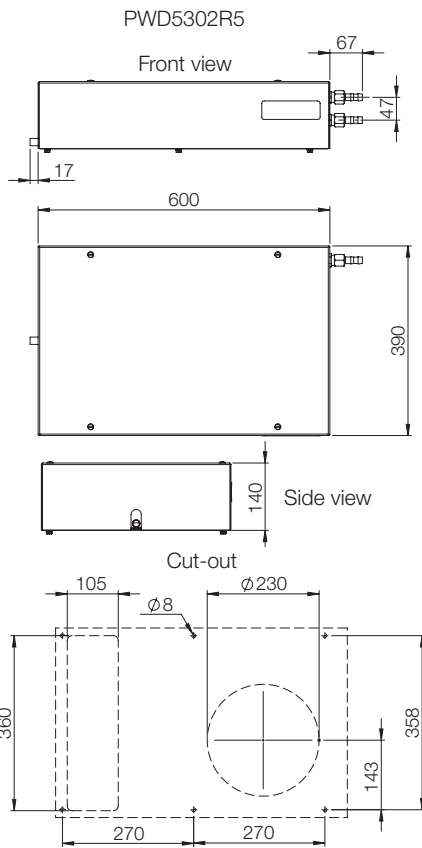
One unit.



IP 55

H	W	D	Cooling Capacity 400 l/h - W10/A35 (W)	Power W10/A35 (W)	Current W10/A35 (A)	Pre fuse T (A)	Item no.
140	600	390	2150	85 / 100	0.40	6	PWD5302R5
190	720	465	3400	115 / 165	0.84	6	PWD5402R5

Starting current W10/A35 (A)	Unimpeded airflow (m³/h)	Noise (dB)	Frequency	Weight (kg)	Item no.
4	500	54	50 / 60	23.33	PWD5302R5
3	720	64	50 / 60	33.33	PWD5402R5



Thermal Management Ventilation Range

Typical Application | Ventilation Range

- Building
- Rail & Roads
- Industry
- Windmill



The use of filterfans together with the exhaust filters use ambient air to reduce the temperature inside the enclosure, by means of filtermats the ambient air is cleaned and the enclosure's protection degree can be maintained up to IP55.

This solution is suitable when a high cooling capacity is required and there is enough temperature drop between the ambient air and the desired temperature inside the enclosure.

Depending on the use of the filter fans, blowing ambient air into the enclosure or extracting air from the enclosure will create an overpressure or a vacuum inside the enclosure. The hot air extraction will cool the enclosure in a more efficient way, but the vacuum created inside will allow dust to come inside the enclosure. If the enclosure is placed in dusty environments, it is better to blow ambient air into the enclosure creating an overpressure that will keep the dust outside.



Painting line

Power and control equipment for the painting line are both installed close to each other. It is therefore important to dissipate the heat generated by the power components so it does not affect the PLC and other control equipment. Eldon's filterfan EF300R5 provides enough cold air inside the enclosure, an exhaust filter was installed to guarantee air circulation.



Automation and control panel

In this application, the temperature within the enclosure is much higher than the ambient temperature. Natural air convection is the most economically efficient solution. To optimize the natural convection, the roof exhaust REU unit has been installed. This enables a better air circulation which cools even the equipment installed at the top of the enclosure.



Tool-free mounting

The patented 4-corner snap fastener makes a tool-free installation possible in seconds. This tested fixation system without screws guarantees a secure fit.



Fast filter mat replacement

The patented cover hinge system allows an easy and fast filter mat replacement even in the worst conditions. The filter is maintained in position during the replacement work.



High quality

High quality fans avoid any unexpected failures. Fins and rotor blades that are optimized to guarantee maximal airflow and minimal energy consumption.



Wide range

The wide range allows us to use the most suitable solution for each application:

- Indoor with IP 54
- Outdoor with IP 55 and UV resistant
- EMC with high shielding effectiveness
- Roof version with hood

Thermal Management

Ventilation Range

Vertical indoor | EF

IP 54 | TYPE 12



Description:

Filter fan for forced ventilation. Eldon filter fans save time on installation as they are installed with a click-in system without screws. The hinged front cover can be easily opened for quick and easy filter replacement. The airflow direction and the connection position can easily be changed.

Material:

Front cover made of injection-moulded thermoplastic, self-extinguishing, UL94V0.

Temperature range:

-40°C to +55°C.

Protection:

IP 54 | TYPE 12.

Finish:

RAL 7035.

Approvals:

CE, EAC, cRUus_UL Recognized.

Pack quantity:

One fan with filter.



IP 54 | TYPE 12

230 V AC, 50/60 Hz

Unimpeded airflow (m³/h)	EF+EFA Air flow (m³/h)	Filter mat (EN779)	Filtration efficiency (%)	Service life L10 (40°C)(h)	Bearing type	Noise (dB)	Item no.
25/29	16/18	G3	88	52.500	Sleeve	33	EF100R5
61/70	44/52	G3	88	37.500	Sleeve	44	EF200R5
110/125	82/93	G3	88	37.500	Sleeve	40	EF220R5
156/171	116/127	G3	88	40.000	Ball	40	EF250R5
256/292	231/265	G3	88	40.000	Ball	42	EF300R5
480/480	370/370	G4	91	40.000	Ball	54	EF500R5
640/653	445/445	G4	91	40.000	Ball	63	EF600R5
845/875	560/625	G4	91	40.000	Ball	66	EF700R5

230 V AC, 50/60 Hz

Cut-out (mm)	Weight (kg)	Connection	Current (A)	Power (W)	Fuse (A)	Item no.
92x92	0.55	310 mm cable	0.07/0.06	12/11	6	EF100R5
125x125	0.80	Terminal strip	0.12/0.18	19/18	6	EF200R5
177x177	1.05	Terminal strip	0.12/0.18	19/18	6	EF220R5
223x223	1.45	Spring type	0.12/0.10	18/17	6	EF250R5
223x223	1.90	Spring type	0.32/0.26	45/39	6	EF300R5
291x291	3.85	Spring type	0.30/0.36	65/80	6	EF500R5
291x291	4.05	Spring type	0.51/0.66	115/150	6	EF600R5
291x291	4.50	Spring type	0.59/0.88	135/200	6	EF700R5

115 V AC, 50/60Hz

Unimpeded airflow (m³/h)	EF+EFA Air flow (m³/h)	Filter mat (EN779)	Filtration efficiency (%)	Service life L10 (40°C)(h)	Bearing type	Noise (dB)	Item no.
25/29	18	G3	88	55.000	Sleeve	33	EF100-115R5
61/70	52	G3	88	40.000	Sleeve	44	EF200-115R5
110/125	93	G3	88	40.000	Sleeve	40	EF220-115R5
156/171	127	G3	88	42.500	Ball	43	EF250-115R5
256/292	265	G3	88	40.000	Ball	46	EF300-115R5
480/480	370	G4	91	40.000	Ball	52	EF500-115R5
640/653	445	G4	91	40.000	Ball	64	EF600-115R5
845/875	625	G4	91	40.000	Ball	69	EF700-115R5

115 V AC, 50/60Hz

Cut-out (mm)	Weight (kg)	Connection	Current (A)	Power (W)	Fuse (A)	Item no.
92x92	0.55	310 mm cable	0.15/0.15	12/11	6	EF100-115R5
125x125	0.80	Terminal strip	0.24/0.23	20/20	6	EF200-115R5
177x177	1.05	Terminal strip	0.24/0.23	20/20	6	EF220-115R5
223x223	1.45	Spring type	0.25/0.25	18/17	6	EF250-115R5
223x223	1.90	Spring type	0.50/0.50	40/40	6	EF300-115R5
291x291	3.85	Spring type	0.66/0.80	75/90	6	EF500-115R5
291x291	4.10	Spring type	0.96/1.40	110/160	6	EF600-115R5
291x291	4.50	Spring type	1.23/1.71	140/195	6	EF700-115R5

24 V DC, 50/60 Hz

Unimpeded airflow (m³/h)	EF+EFA Air flow (m³/h)	Filter mat (EN779)	Filtration efficiency (%)	Service life L10 (40°C)(h)	Bearing type	Noise (dB)	Item no.
25/29	16/18	G3	88	70.000	Ball	33	EF100-24R5
61/70	44/52	G3	88	62.500	Ball	44	EF200-24R5
110/125	82/93	G3	88	62.500	Ball	40	EF220-24R5
156/171	116/127	G3	88	70.000	Ball	40	EF250-24R5
256/292	231/265	G3	88	80,000	Ball	42	EF300-24R5

24 V DC, 50/60 Hz

Cut-out (mm)	Weight (kg)	Connection	Current (A)	Power (W)	Fuse (A)	Item no.
92x92	0.25	310 mm cable	0.10	2.40	6	EF100-24R5
125x125	0.45	310 mm cable	0.21	5.00	6	EF200-24R5
177x177	0.70	310 mm cable	0.21	5.00	6	EF220-24R5
223x223	1.40	Spring type	0.20	4.70	6	EF250-24R5
223x223	1.45	Spring type	0.50	12.00	6	EF300-24R5



Thermal Management Ventilation Range

Vertical outdoor | EFP

IP 55 | TYPE 12



Description:

Filter fan for forced ventilation. Eldon filter fans save time on installation as they are installed with a click-in system without screws. The hinged front cover can be easily opened for quick and easy filter replacement. The airflow direction and the connection position can easily be changed. The new filter mat gives higher air flow and longer life with a low pressure drop because of special construction. The UV resistance of the housing makes it the best option for outdoor applications.

Material:

Front cover made of injection-moulded thermoplastic, self-extinguishing, UL94V0. UV resistance.

Temperature range:

-40°C to +55°C.

Protection:

IP 55 | TYPE 12.

Finish:

RAL 7035.

Approvals:

CE, EAC, cRUus_UL Recognized.

Pack quantity:

One fan with filter.



IP 55 | TYPE 12

230 V, 50/60 Hz

Unimpeded airflow (m³/h)	EFP+EFA Air flow (m³/h)	Filter mat (EN779)	Filtration efficiency (%)	Service life L10 (40°C)(h)	Bearing type	Noise (dB)	Item no.
56/64	40/46	G4	91	37.500	Sleeve	44	EFP200R5
100/110	55/64	G4	91	37.500	Sleeve	40	EFP220R5
145/160	109/113	G4	91	40.000	Ball	40	EFP250R5
233/265	180/207	G4	91	40.000	Ball	42	EFP300R5
505/505	380/380	G4	91	40.000	Ball	54	EFP500R5
770/785	490/501	G4	91	40.000	Ball	63	EFP600R5
925/950	570/625	G4	91	40.000	Ball	66	EFP700R5

230 V, 50/60 Hz

Cut-out (mm)	Weight (kg)	Connection	Current (A)	Power (W)	Fuse (A)	Item no.
125x125	0.80	Terminal strip	0.12/0.18	19/18	6	EFP200R5
177x177	1.05	Terminal strip	0.12/0.18	19/18	6	EFP220R5
223x223	1.45	Spring type	0.12/0.10	18/17	6	EFP250R5
223x223	1.95	Spring type	0.32/0.26	45/39	6	EFP300R5
291x291	3.90	Spring type	0.30/0.36	65/80	6	EFP500R5
291x291	4.10	Spring type	0.51/0.66	115/150	6	EFP600R5
291x291	4.55	Spring type	0.59/0.88	135/200	6	EFP700R5

115 V AC, 50/60Hz

Unimpeded airflow (m³/h)	EFP+EFA Air flow (m³/h)	Filter mat (EN779)	Filtration efficiency (%)	Service life L10 (40°C)(h)	Bearing type	Noise (dB)	Item no.
56/64	40/46	G4	91	37.500	Sleeve	44	EFP200-115R5
100/110	55/64	G4	91	37.500	Sleeve	40	EFP220-115R5
145/160	109/113	G4	91	40.000	Ball	43	EFP250-115R5
233/265	180/207	G4	91	40.000	Ball	46	EFP300-115R5
505/505	380/380	G4	91	40.000	Ball	52	EFP500-115R5
770/785	490/501	G4	91	40.000	Ball	64	EFP600-115R5
925/950	570/625	G4	91	40.000	Ball	69	EFP700-115R5

115 V AC, 50/60Hz

Cut-out (mm)	Weight (kg)	Connection	Current (A)	Power (W)	Fuse (A)	Item no.
125x125	0.80	Terminal strip	0.24/0.23	20/20	6	EFP200-115R5
177x177	1.05	Terminal strip	0.24/0.23	20/20	6	EFP220-115R5
223x223	1.45	Spring type	0.25/0.25	18/17	6	EFP250-115R5
223x223	1.90	Spring type	0.50/0.50	40/40	6	EFP300-115R5
291x291	3.90	Spring type	0.66/0.80	75/90	6	EFP500-115R5
291x291	4.10	Spring type	0.96/1.40	110/160	6	EFP600-115R5
291x291	4.55	Spring type	1.23/1.71	140/195	6	EFP700-115R5

24 Volt AC

Unimpeded airflow (m³/h)	EFP+EFA Air flow (m³/h)	Filter mat (EN779)	Filtration efficiency (%)	Service life L10 (40°C)(h)	Bearing type	Noise (dB)	Item no.
56/64	40/46	G4	91	62.500	Ball	44	EFP200-24VACR5

24 Volt AC

Cut-out (mm)	Weight (kg)	Current (A)	Power (W)	Fuse (A)	Item no.
125x125	0.50	1.00/0.95	5	6	EFP200-24VACR5



Thermal Management

Ventilation Range

Accessories

Exhaust filter, EFA

Description:	Exhaust filter to be used for natural ventilation, or for forced ventilation working with filter fans EF. Eldon exhaust filters save us time because are installed with a click-in system without screws. The hinged front cover can be easily opened for quick and easy filter replacement.
Material:	Front cover made of injection-moulded thermoplastic, self-extinguishing, UL94V0.
Temperature range:	-40°C to +55°C.
Protection:	IP 54 TYPE 12.
Finish:	RAL 7035.
Approvals:	CE, EAC, cRUus_UL Recognized.
Pack quantity:	One exhaust filter.

Filter mat (EN779)	Filtration efficiency (%)	Cut-out (mm)	D	Item no.
G3	88	92x92	23	EFA100R5
G3	88	125x125	33	EFA200R5
G3	88	177x177	35	EFA220R5
G3	88	223x223	38	EFA250-300R5
G4	91	291x291	42	EFA500-700R5



Standard filter mat, EFM

Description:	To replace the standard filter supplied with the filter fans EF and the exhaust filters EFA. It is recommended to replace the filter each year or sooner depending on the environment.
Temperature range:	-40°C to +55°C.
Pack quantity:	5 pieces.

Filter mat (EN779)	For	Item no.
G3	EF/EFA 100	EFM100
G3	EF/EFA 200	EFM200
G3	EF/EFA 220	EFM220
G3	EF/EFA 250, 300	EFM250-300
G3	EF/EFA 500, 700	EFM500-700



Exhaust filter, outdoor version, EFAP

- Description:** Exhaust filter to be used for natural ventilation, or for forced ventilation working with filter fans EFP. Eldon exhaust filters save us time because are installed with a clickin system without screws. The hinged front cover can be easily opened for quick and easy filter replacement. The new filter mat gives longer life with a low pressure drop because of special construction.
- Material:** Front cover made of injection-moulded thermoplastic, self-extinguishing, UL94V0. UV resistance.
- Temperature range:** -40°C to +55°C.
- Protection:** IP 55 | TYPE 12.
- Finish:** RAL 7035.
- Approvals:** CE, EAC, cRUus_UL Recognized.
- Pack quantity:** One exhaust filter.

Filter mat (EN779)	Filtration efficiency (%)	Cut-out (mm)	Item no.
G3	91	125x125	EFAP200R5
G3	91	177x177	EFAP220R5
G3	91	223x223	EFAP250-300R5
G3	91	291x291	EFAP500-700R5



Replacement filter mat, EFMP

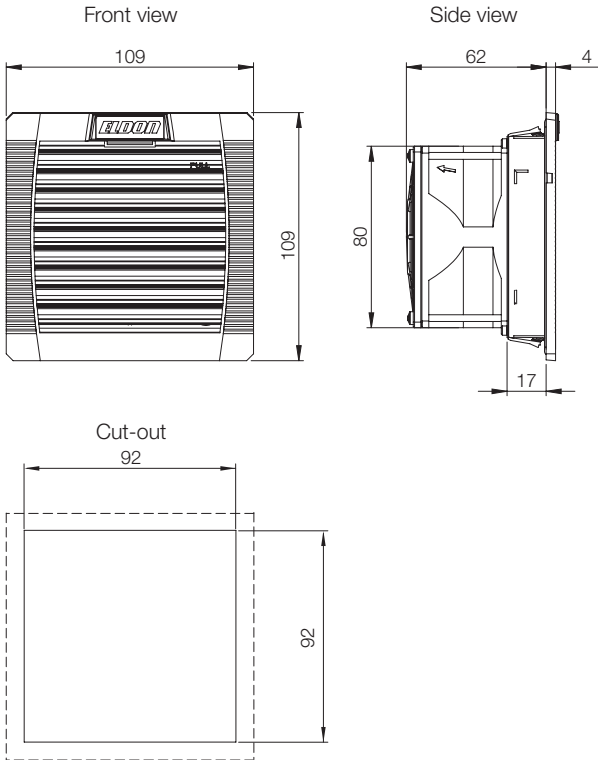
- Description:** To replace the standard filter supplied with the filter fans EFP and the exhaust filters EFAP. It is recommended to replace the filter each year or sooner depending on the environment.
- Temperature range:** -40°C to +55°C.
- Pack quantity:** 5 pieces.

Filter mat (EN779)	For	Item no.
G4	EFP/EFAP 200	EFMP200
G4	EFP/EFAP 220	EFMP220
G4	EFP/EFAP 250/300	EFMP250-300
G4	EFP/EFAP 500/600/700	EFMP500-700

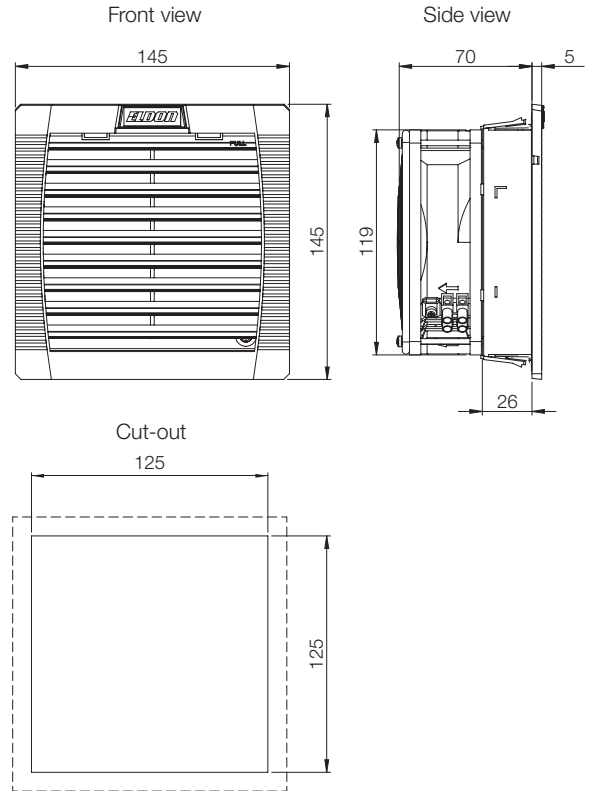


Dimensional drawing | EF/EFA

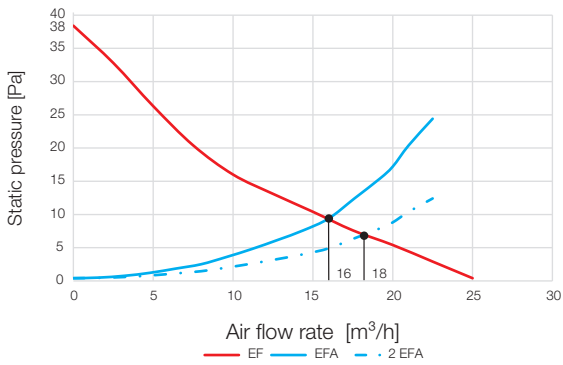
EF100R5 / EFA100R5



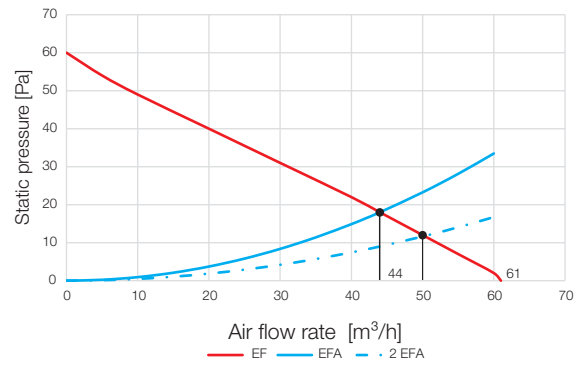
EF200R5 / EFA200R5



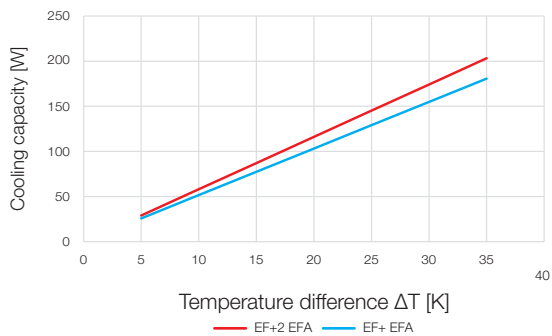
Static pressure diagram



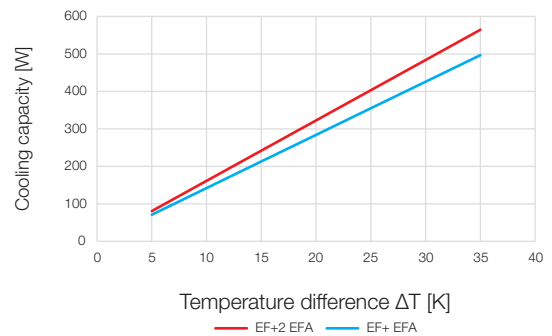
Static pressure diagram



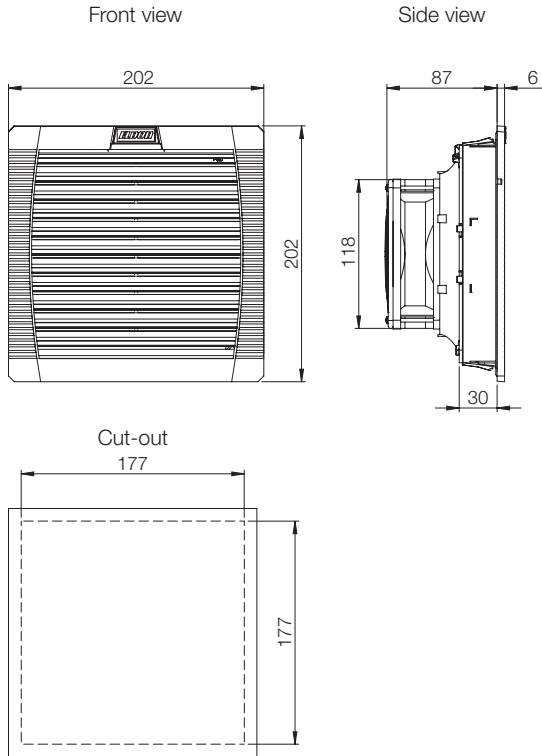
Performance



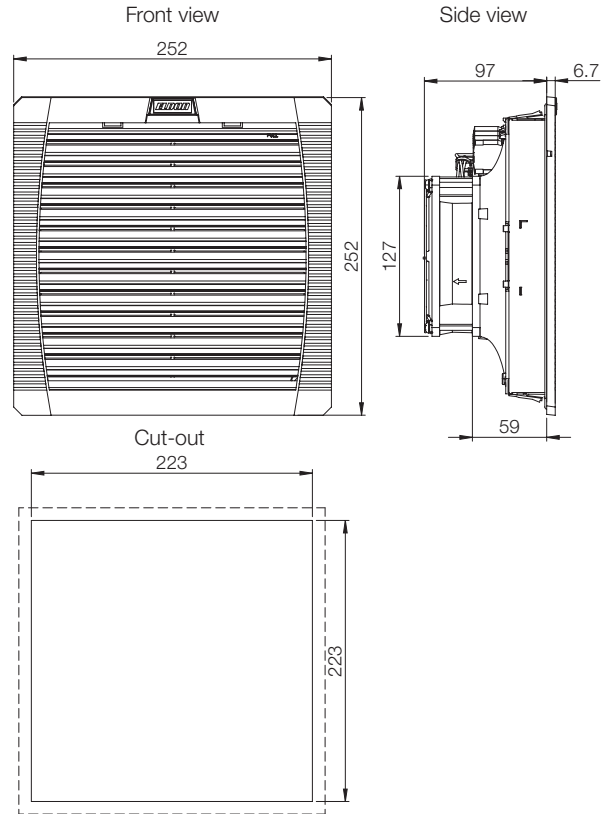
Performance



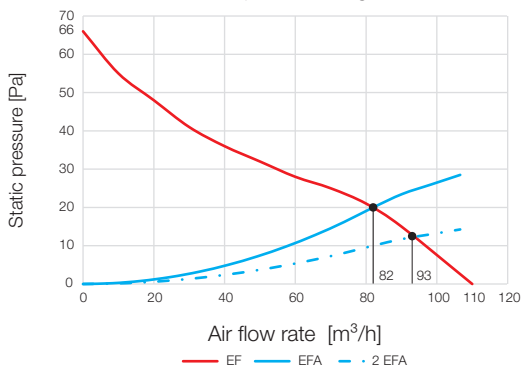
EF220R5 / EFA220R5



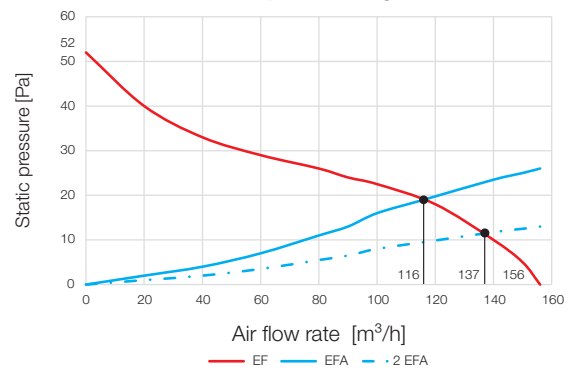
EF250R5 / EFA250R5



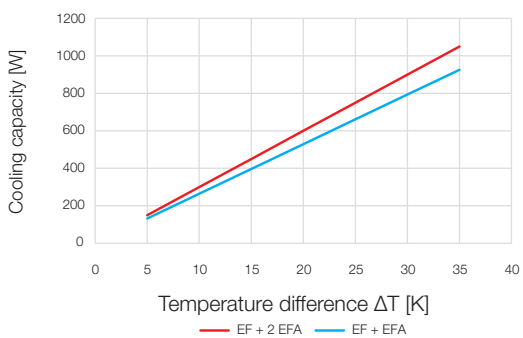
Static pressure diagram



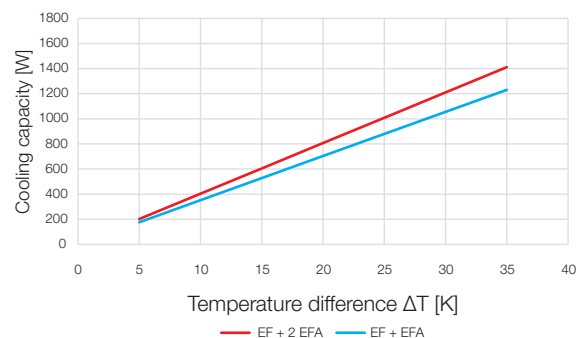
Static pressure diagram



Performance

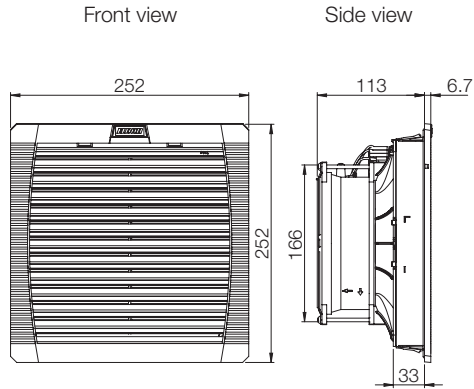


Performance

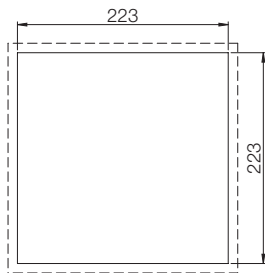


Dimensional drawing | EF/EFA

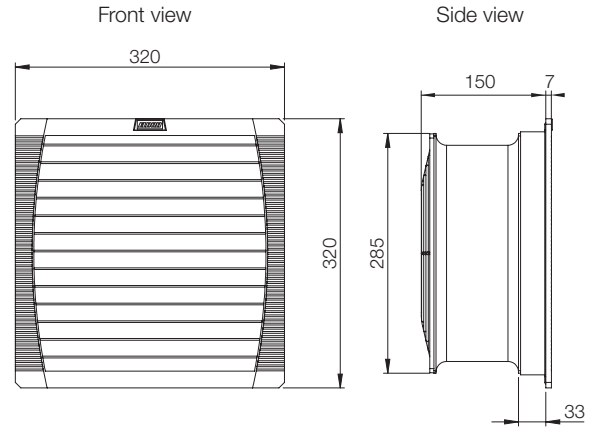
EF300R5 / EFA300R5



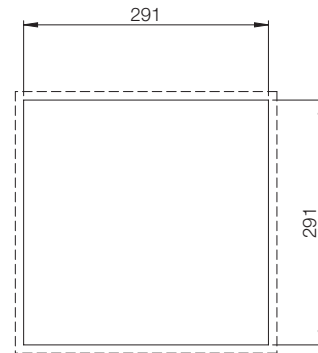
Cut-out



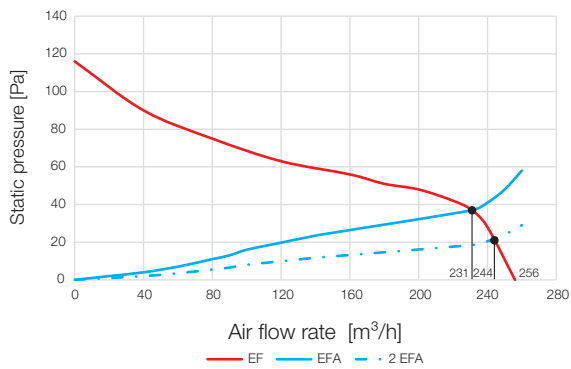
EF500R5 / EFA500R5



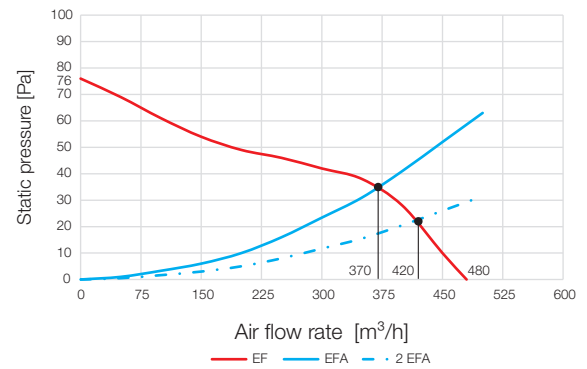
Cut-out



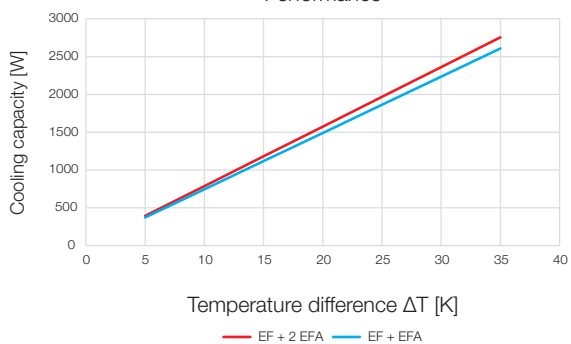
Static pressure diagram



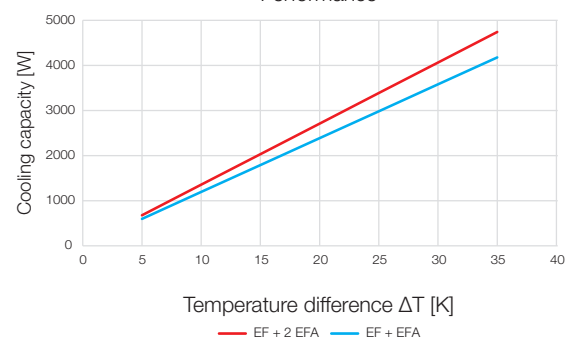
Static pressure diagram



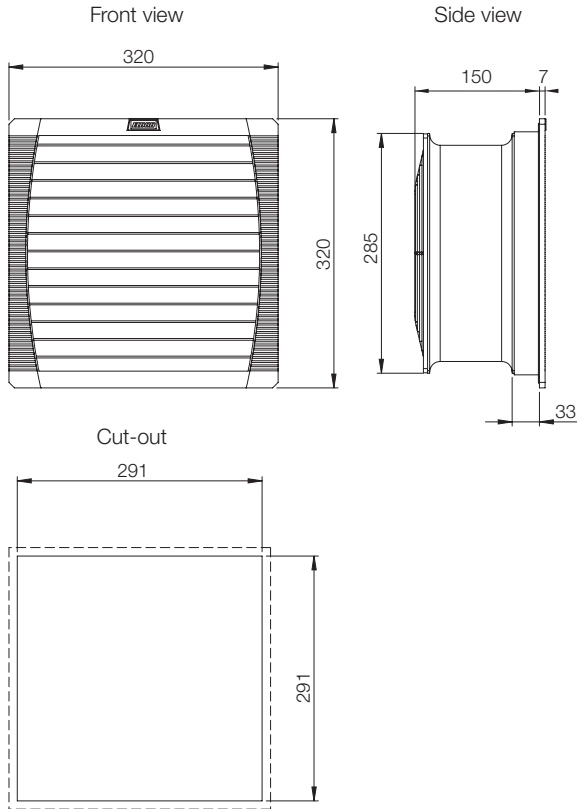
Performance



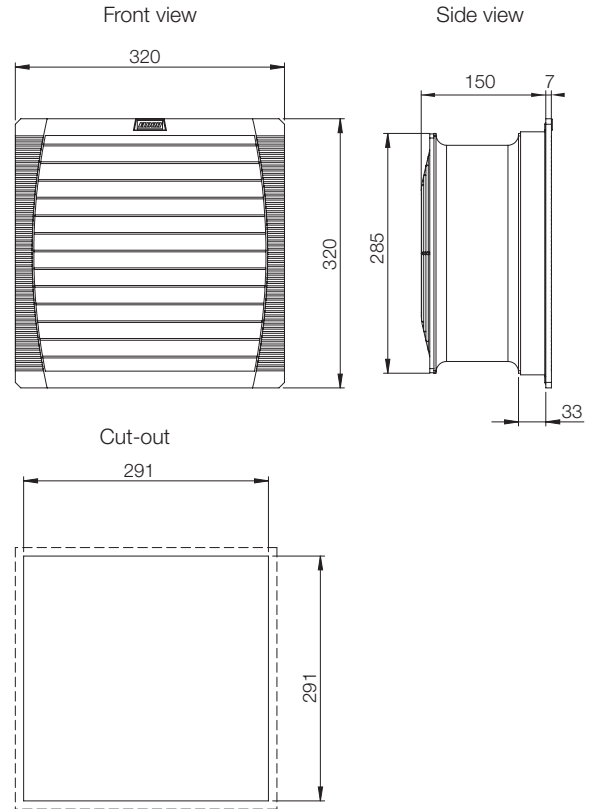
Performance



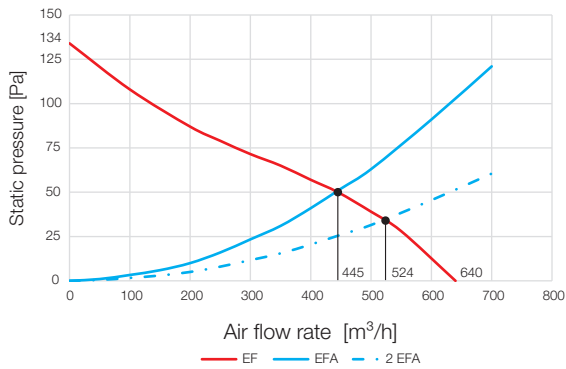
EF600R5 / EFA600R5



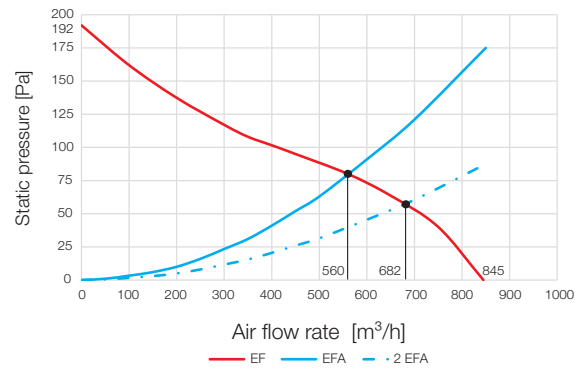
EF700R5 / EFA700R5



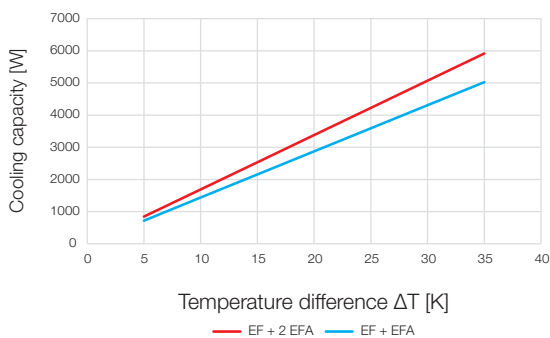
Static pressure diagram



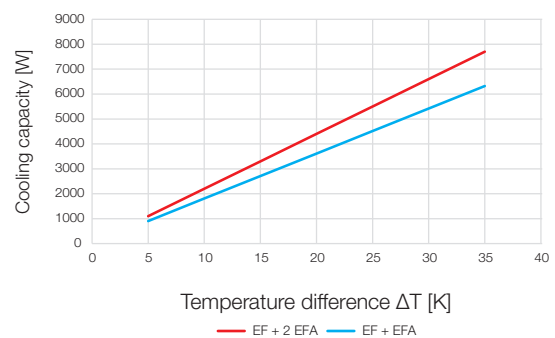
Static pressure diagram



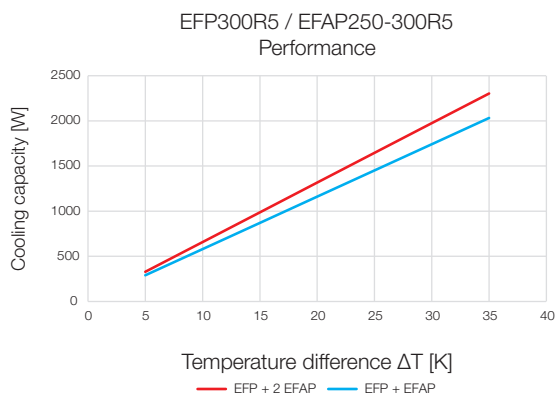
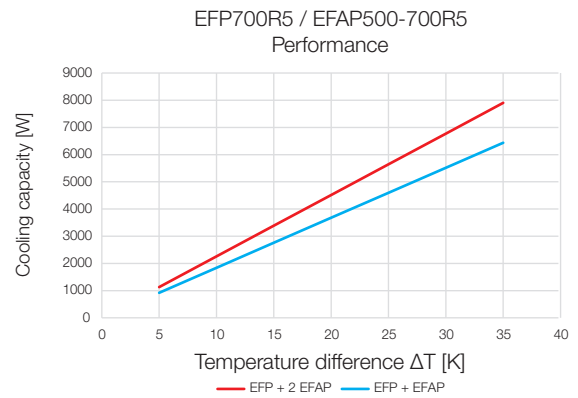
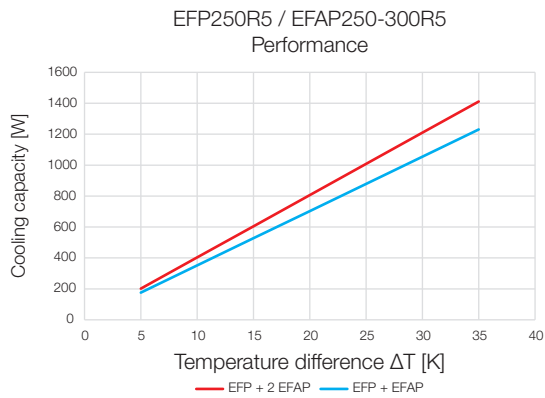
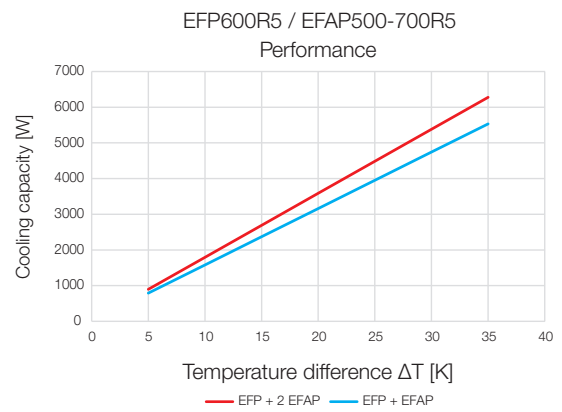
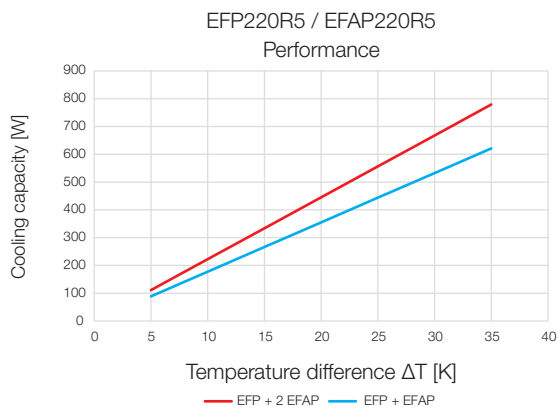
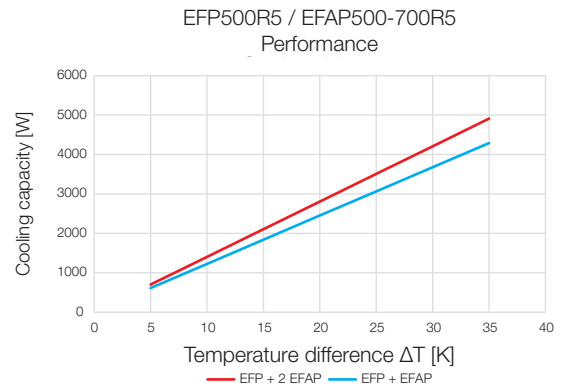
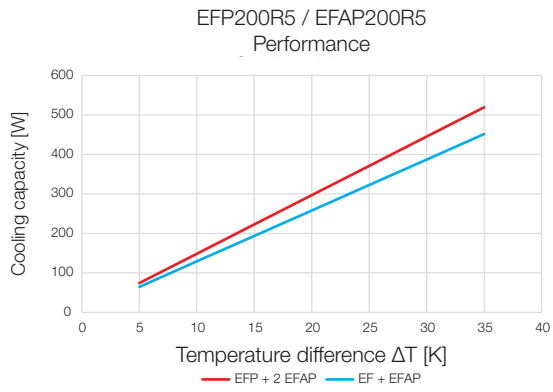
Performance



Performance



Dimensional drawing | EFP/EFAP



05

Thermal Management



5

Thermal Management Ventilation Range

Roof | RFU

IP 33/54



Description:

Roof fan unit for mounting on the top of the enclosure providing forced ventilation. The unit is easily installed with a quick fastening system, and the required cutout is the same for the different air flow. Ball bearing.

Material:

Painted mild steel, and injection-moulded thermoplastic (ABS-FR) self extinguishing, UL94V0.

Temperature range:

-15°C to +55°C.

Type of connection:

Terminal strip.

Protection:

IP 33/54.

Finish:

RAL 7035.

Approvals:

EAC, cRUus_UL Recognized.

Pack quantity:

One roof fan unit.



IP 33/54

230 V, 50/60 Hz

Unimpeded airflow (m³/h)	RFU+EFA Air flow (m³/h)	Filter mat (EN779)	Filtration efficiency (%)	Service life L10 (40°C)(h)	Bearing type	Noise (dB)	Item no.
500	268	No filter mat	No filter mat	50.000	Ball	67	RFU5003R5
700	427	No filter mat	No filter mat	40.000	Ball	69	RFU7003R5
1000	582	No filter mat	No filter mat	40.000	Ball	77	RFU10003R5
350	242	G3	81	50.000	Ball	67	RFU5005R5
550	370	G3	81	40.000	Ball	69	RFU7005R5
750	500	G3	81	40.000	Ball	77	RFU10005R5

230 V, 50/60 Hz

IP	Cut-out (mm)	Weight (kg)	Connection	Current (A)	Power (W)	Fuse (A)	Item no.
33	291x291	5.55	Terminal strip	4 x 0.20/0.20	4 x 28/29	6	RFU5003R5
33	291x291	6.15	Terminal strip	0.30/0.36	65/80	6	RFU7003R5
33	291x291	6.45	Terminal strip	0.51/0.66	115/150	6	RFU10003R5
54	291x291	5.55	Terminal strip	4 x 0.20/0.20	4 x 28/29	6	RFU5005R5
54	291x291	6.30	Terminal strip	0.30/0.36	65/80	6	RFU7005R5
54	291x291	4.78	Terminal strip	0.51/0.66	115/150	6	RFU10005R5

115 V AC, 50/60Hz

Unimpeded airflow (m³/h)	RFU+EFA Air flow (m³/h)	Filter mat (EN779)	Filtration efficiency (%)	Service life L10 (40°C)(h)	Bearing type	Noise (dB)	Item no.
500	268	No filter mat	No filter mat	50.000	Ball	67	RFU5013R5
700	427	No filter mat	No filter mat	40.000	Ball	69	RFU7013R5
1000	582	No filter mat	No filter mat	40.000	Ball	77	RFU10013R5
350	242	G3	81	50.000	Ball	67	RFU5015R5
550	370	G3	81	40.000	Ball	69	RFU7015R5
750	500	G3	81	40.000	Ball	77	RFU10015R5

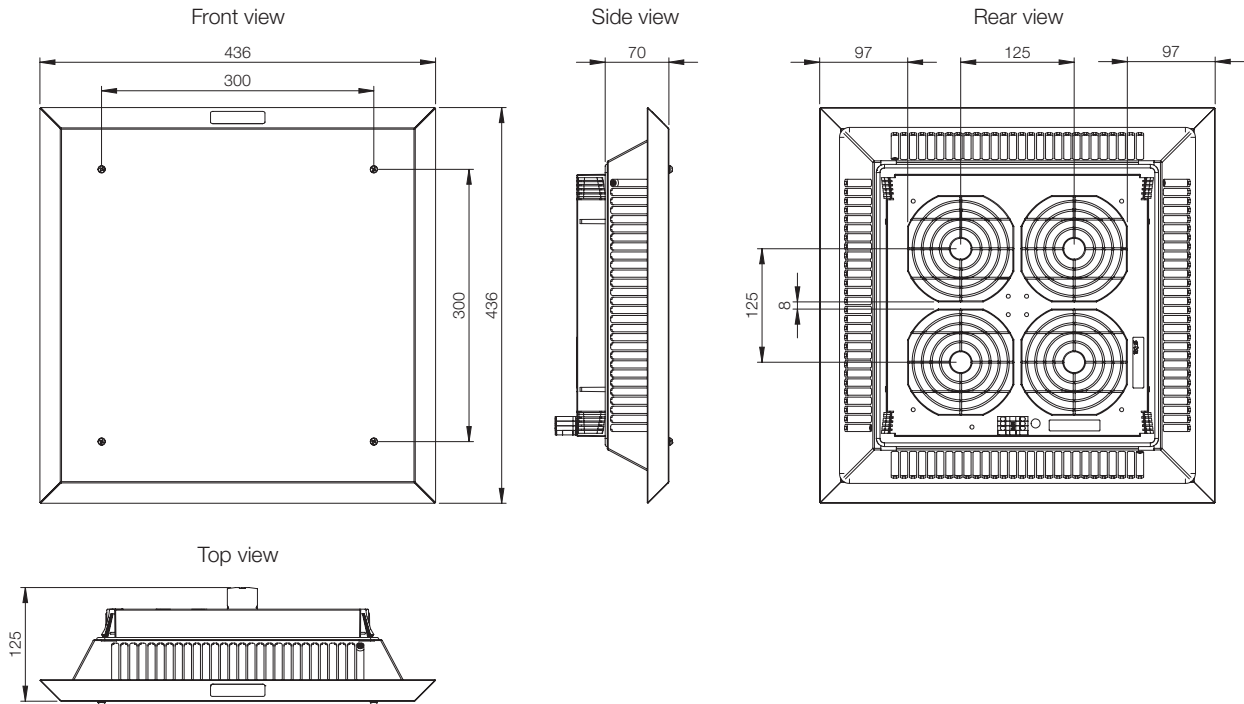
115 V AC, 50/60Hz

IP	Cut-out (mm)	Weight (kg)	Connection	Current (A)	Power (W)	Fuse (A)	Item no.
33	291x291	5.60	Terminal strip	4 x 0.30/0.30	4 x 29/24	6	RFU5013R5
33	291x291	4.56	Terminal strip	0.66/0.80	75/90	6	RFU7013R5
33	291x291	4.78	Terminal strip	0.96/1.40	110/160	6	RFU10013R5
54	291x291	5.33	Terminal strip	4 x 0.30/0.30	4 x 29/24	6	RFU5015R5
54	291x291	4.56	Terminal strip	0.66/0.80	75/90	6	RFU7015R5
54	291x291	4.78	Terminal strip	0.96/1.40	110/160	6	RFU10015R5

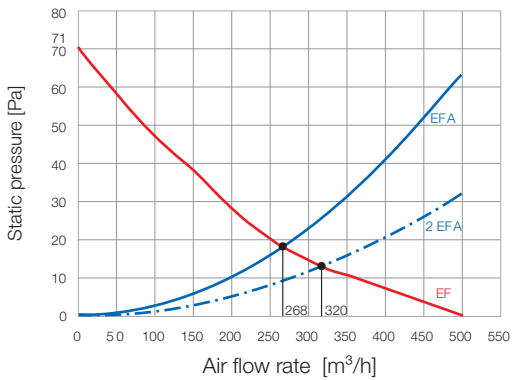
(1) The value in the table is for the combination RFU + EFA500-700R5.

Dimensional drawing | RFU

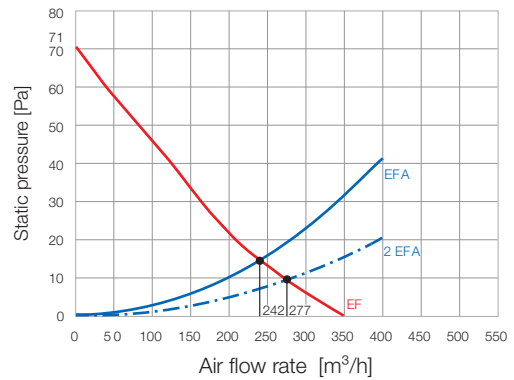
RFU5003R5 / RFU5005R5
RFU5013R5 / RFU5015R5



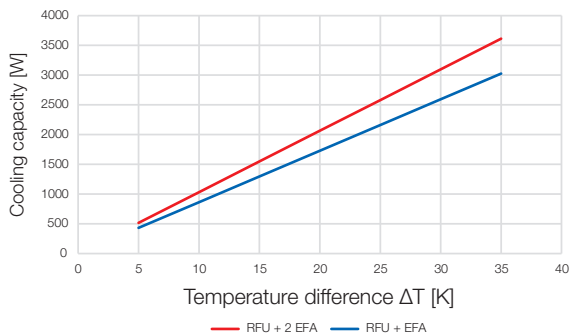
RFU5005R5 / RFU5015R5
Static pressure diagram



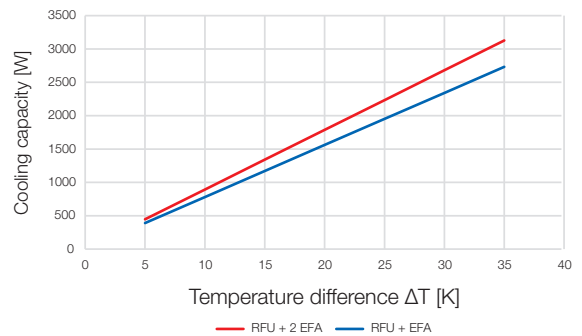
RFU5003R5 / RFU5013R5
Static pressure diagram



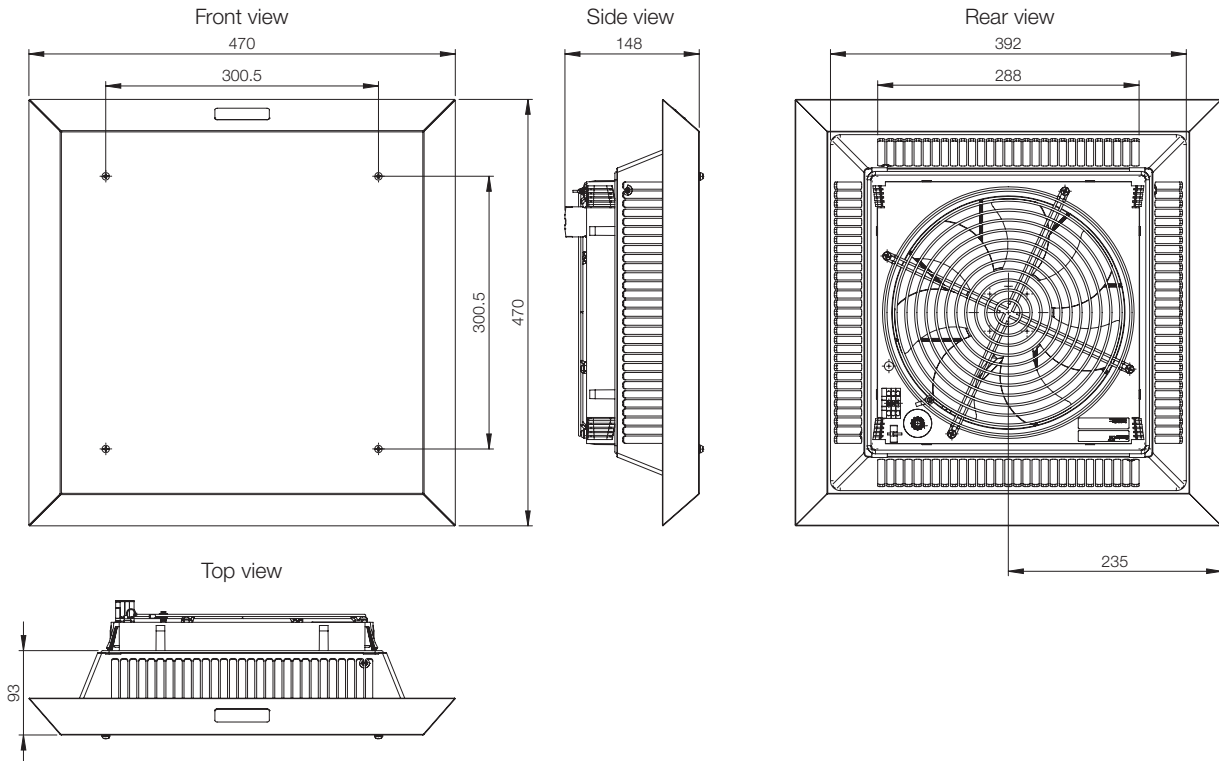
Performance



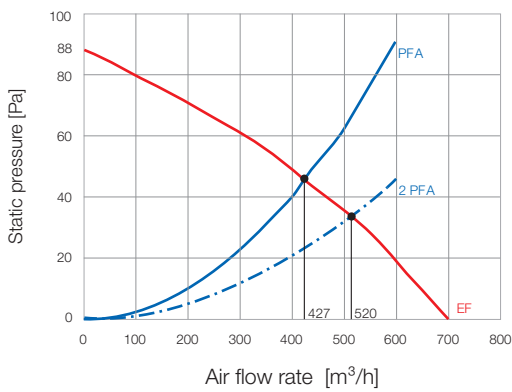
Performance



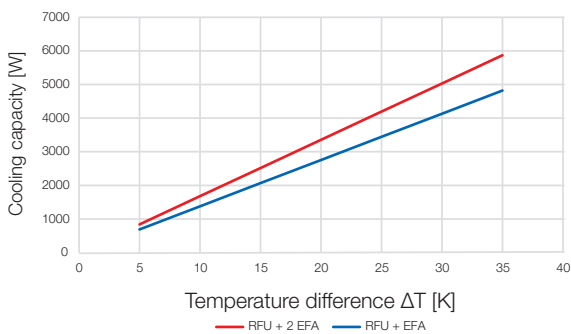
RFU7003R5 / RFU7005R5
RFU7013R5 / RFU7015R5



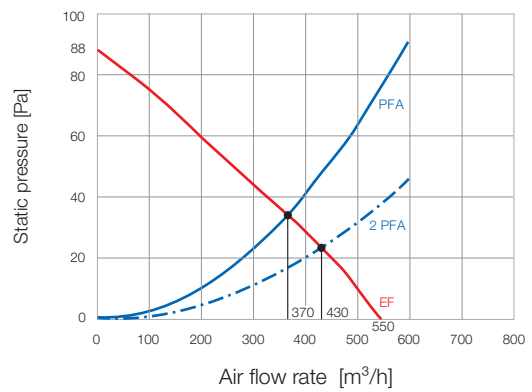
RFU7005R5 / RFU7015R5
Static pressure diagram



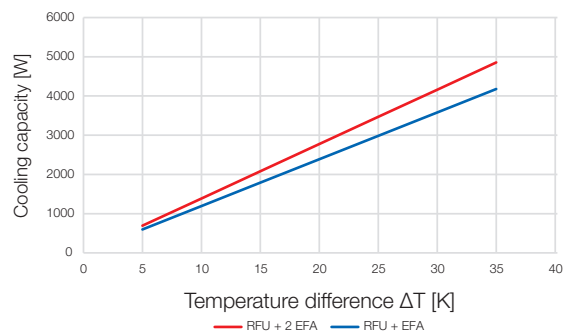
Performance



RFU7003R5 / RFU7013R5
Static pressure diagram

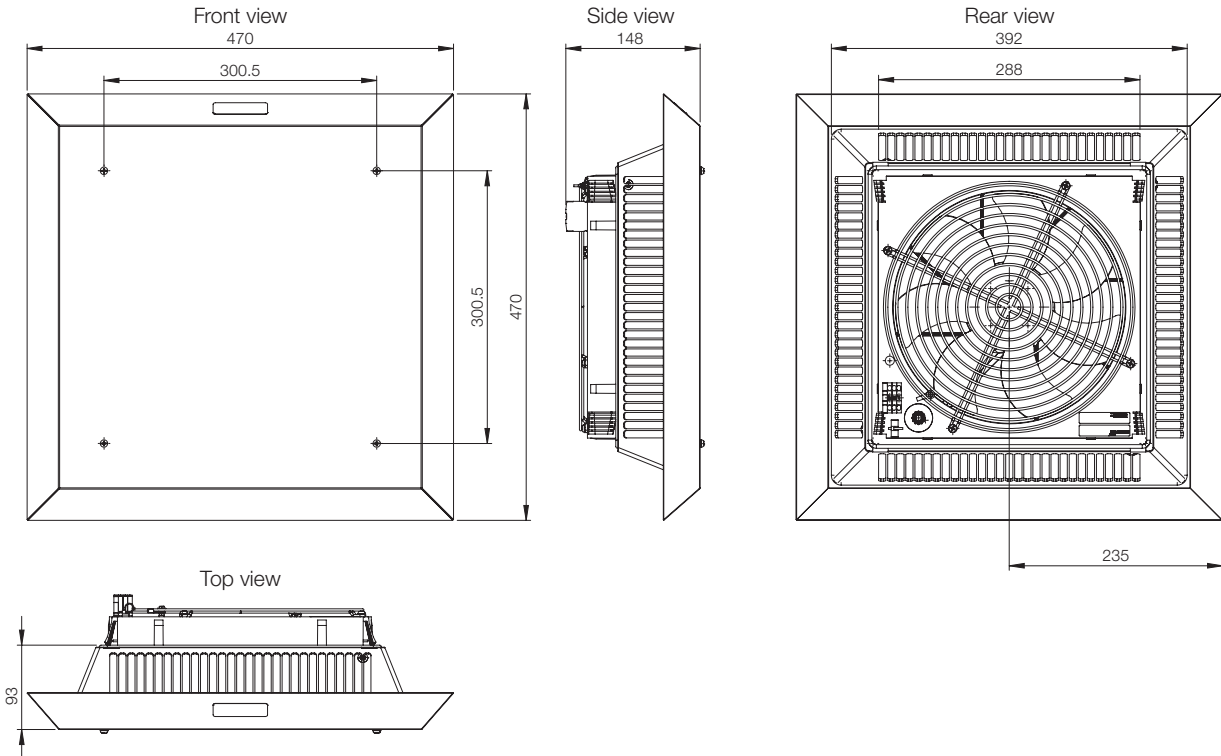


Performance

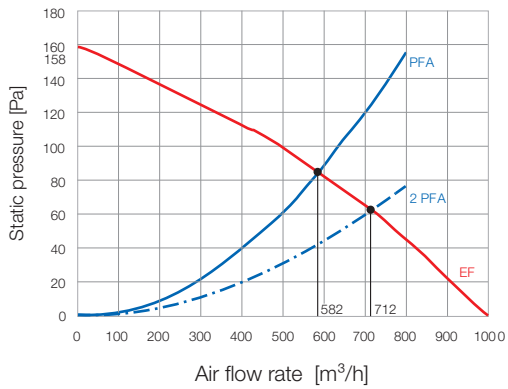


Dimensional drawing | RFU

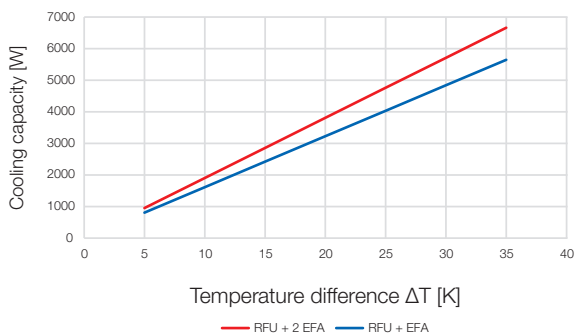
RFU10003R5 / RFU10005R5
RFU10013R5 / RFU10015R5



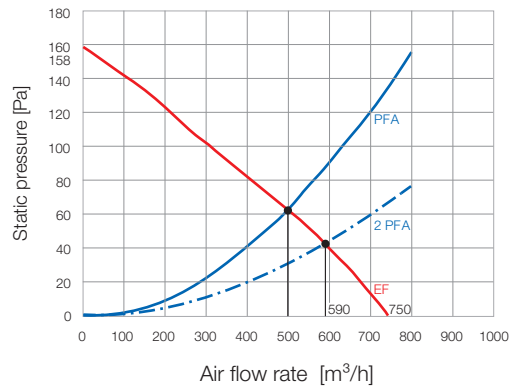
RFU10005R5 / RFU10015R5
Static pressure diagram



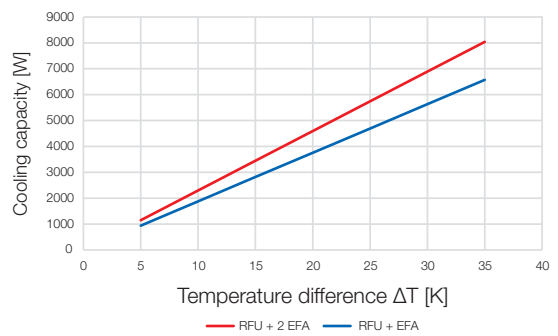
Performance



RFU10003R5 / RFU10013R5
Static pressure diagram



Performance



05

Thermal Management



5

Thermal Management Ventilation Range

Roof | REU

**Description:**

Roof exhaust unit for mounting on the top of the enclosure providing natural ventilation. The unit is easily installed with a quick fastening system. Filtration efficiency of 81% for the IP 54 unit (REU05R5).

Material:

Painted mild steel, and injection-moulded thermoplastic (ABS-FR) self extinguishing, UL94V0.

Temperature range:

-15°C to +55°C.

Protection:

IP 33/54.

Finish:

RAL 7035 structured powder coating.

Approvals:

EAC, cRUus_UL Recognized.

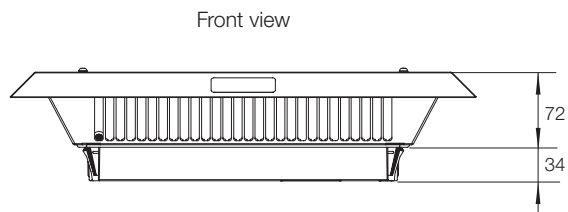
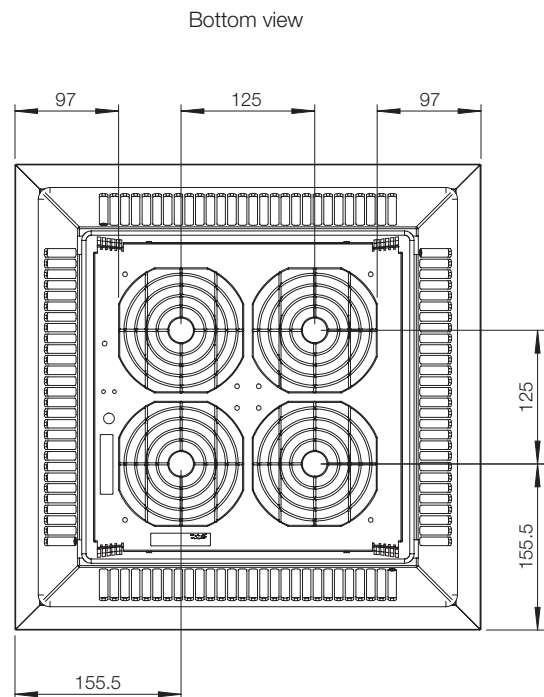
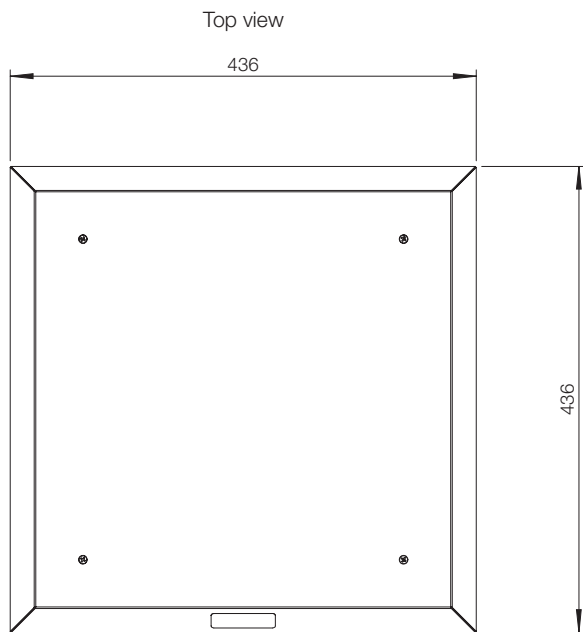
Pack quantity:

One roof exhaust unit.



Filter mat (EN779)	Filtration efficiency (%)	IP	Cut-out (mm)	Item no.
No filter mat	No filter mat	33	291x291	REU03R5
G3	81	54	291x291	REU05R5

Dimensional drawing | REU



Thermal Management

Heating & Anticondensation Range

Typical Application | Heating & Anticondensation Range

Rail & Roads

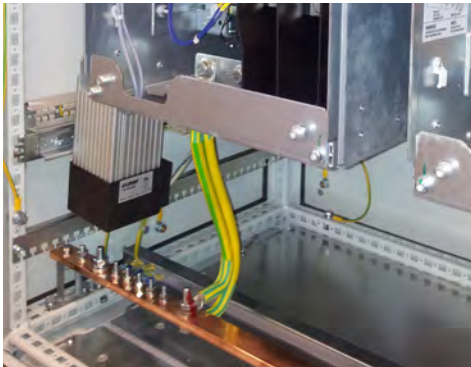
Windmill

Electricity Transmission & Distribution

Outdoor installation



The anti-condensation products from Eldon not only protect equipment against the risk of water condensation by increasing the temperature and reducing the relative humidity, but it also can remove the water inside the enclosure, in case the condensation could not be avoided. Depending on the enclosure size, type of cooling, and equipment distribution, different features for the heaters can be required: heating capacities, with or without fan, distribution of the heat inside the enclosure, central temperature control or independent in each heater.



Control panel in outdoor use

The control equipment to be installed in a tropical environment is housed in a painted stainless steel EKDS enclosure. The working temperature didn't require any specific cooling solution. However, because of the high humidity in the atmosphere, it was important to maintain a minimum temperature inside the enclosure when the equipment was not in use or during the night.



Electrical substation

The Eldon stainless steel enclosures installed in the electrical substation, which were aimed at protecting and controlling the HV switches, were designed to not be affected by corrosion. However, there is an even more dangerous risk caused by temperature variations: water condensation. To solve this complicated problem, EHG heaters were used to maintain the relative humidity below 65%. Stainless steel pressure compensation devices EDAS were used to avoid creating a subpressure in the enclosure increasing the risk of humidity entering the enclosure through the door seal.



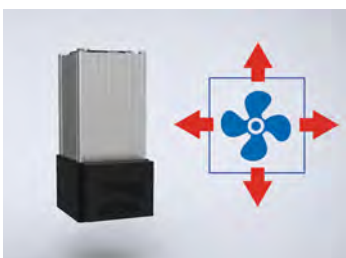
Wide range of heating capacities

From 10 W up to 550 W heating capacity products Eldon offers solutions for any small box or large enclosure in which a minimum inside temperature must be maintained.



Labour and space saving

To reduce the assembly labour, or if we have a reduced space for the components, the Eldon fan heaters with thermostat will not need any extra wiring and will save space because an additional thermostat is not needed. On top of that Eldon offers a fixed thermostat, and an adjustable one.



Heat distribution

The high capacity heaters can create hot-spots around them. To avoid this problem, the Eldon fan heaters allow the heat to be distributed, something that reinforces the natural convection. It is a popular product to go with big enclosures to maintain a homogeneous temperature.



Safety

The heaters can be dangerous because of the high temperatures that exist on the heating element surface. It may be a problem or not depending on the possible access to them. Eldon offers different levels of protection class: Class I (earthed) and Class II (double insulated).

Thermal Management

Heating & Anticondensation Range

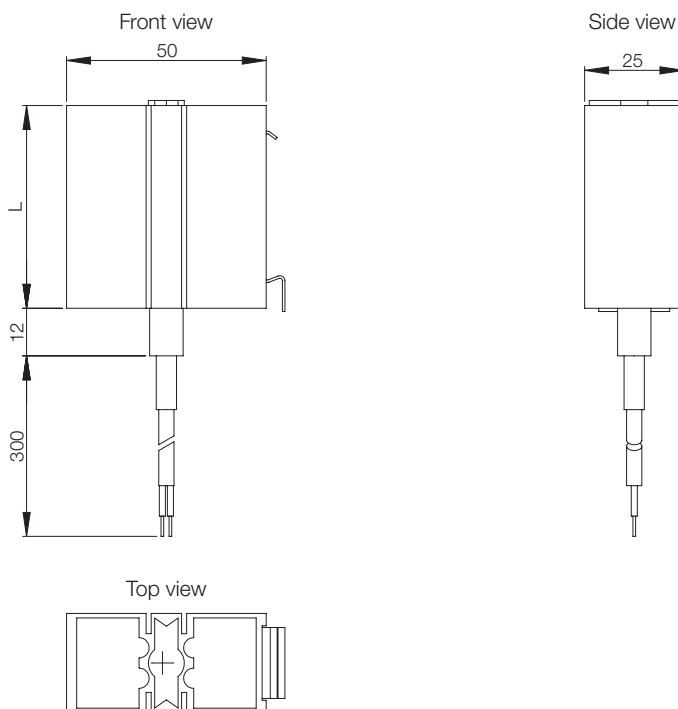
Accessories

Anti condensation small heater, EGK

- Description:** Small semiconductor heater to be fixed in vertical position to prevent condensation. Mounting clip for 35 mm DIN rail (EN60715).
- Heating element:** PTC resistor, self regulating and temperature limiting.
- Material:** Plastic, and anodised aluminium profile.
- Operating temperature:** -45 to +70°C. The heating capacity is for ambient temperature 20°C.
- Connection:** 3x0.5 mm² (300 mm) silicon cable. For UL heaters 3XAWG20 (300 mm) cable.
- Protection:** IP 44, Class I (earthed).
- Approvals:** CE, EAC, cULus_UL Listed.
- Pack quantity:** 1 piece.

Capacity (W)	Starting current (A)	L (mm)	Voltage (V)	Item no.
10	1.0	52	120-240V AC/DC	EGK010
20	2.5	60	120-240V AC/DC	EGK020
30	3.0	70	120-240V AC/DC	EGK030

* The min / max voltage values for 120-240 V heaters are 110 / 265 V, operating with voltages below 140 V AC/DC reduces heating performance by approx. 10%.

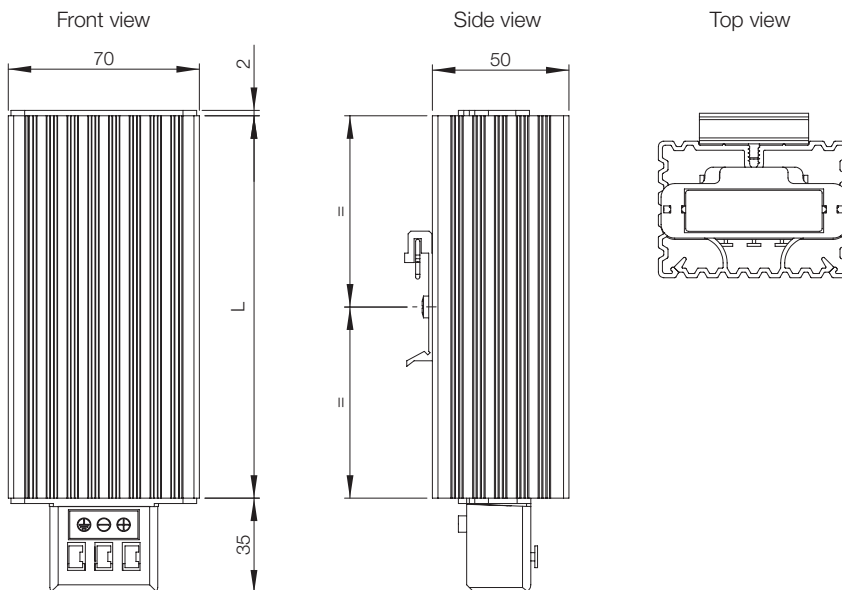


Anti condensation large heater, EHG

- Description:** Large heater to be fixed preferably in vertical position to prevent condensation. Mounting clip for 35 mm DIN rail (EN60715).
- Heating element:** PTC resistor, self regulating and temperature limiting.
- Material:** Plastic, and anodised aluminium profile.
- Operating temperature:** -40°C to +70°C. The heating capacity is for ambient temperature 20°C.
- Connection:** Plug terminal connection (2 x 0.5-2.5 mm²), available on request with connecting cable (500 mm).
- Protection:** IP 44 supplied with cable; IP 20 supplied without cable and with terminals.
- Approvals:** CE, EAC, cULus_UL Listed.
- Pack quantity:** 1 piece.



Capacity (W)	Starting current (A)	L (mm)	Voltage (V)	Item no.
15	1.1	65	110 - 250 V AC, 50/60 Hz	EHG015
30	1.2	65	110 - 250 V AC, 50/60 Hz	EHG030
45	1.8	65	110 - 250 V AC, 50/60 Hz	EHG045
60	2.5	140	110 - 250 V AC, 50/60 Hz	EHG060
75	4.5	140	110 - 250 V AC, 50/60 Hz	EHG075
100	5.0	140	110 - 250 V AC, 50/60 Hz	EHG100
150	7.5	215	110 - 250 V AC, 50/60 Hz	EHG150



Thermal Management

Heating & Anticondensation Range

Accessories

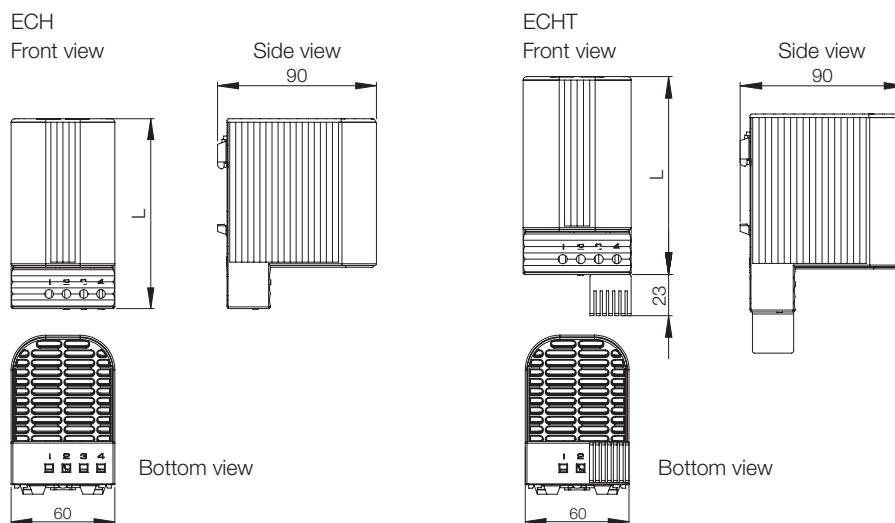
Compact heater with / without thermostat, ECH(T)

- Description:** Double insulated vertical heater to prevent condensation. Mounting clip for 35 mm DIN rail (EN60715). Touch-safe heater, the temperatures of the housing are kept under 80°C except upper protective grille. The heater with thermostat (ECHT) includes a plug-in thermostat therefore it does not require additional wiring, starting temperature of 5°C, and switch-off temperature of 15°C.
- Heating element:** PTC resistor, temperature limiting,
- Material:** Plastic according to UL94 V-0
- Operating temperature:** -45°C to +70°C. The heating capacity is for ambient temperature 20°C.
- Connection:** Pole terminal 2.5 mm², torque 0.8Nm max.
- Protection:** IP 20, Class II (double insulated).
- Approvals:** CE, EAC.
- Finish:** Black,
- Pack quantity:** 1 piece.



Heating Capacity (W)	Starting current (A)	L (mm)	Voltage (V)	Item no.
50	2.5	110	120-240 V AC	ECH50
100	4.5	110	120-240 V AC	ECH100
150	8.0	150	120-240 V AC	ECH150
50	2.5	110	120-240 V AC	ECHT50
100	4.5	110	120-240 V AC	ECHT100
150	8.0	150	120-240 V AC	ECHT150

Voltage range: min. 110V - max 265 V. Operating below 140 V AC reduces performance by approx. 10%

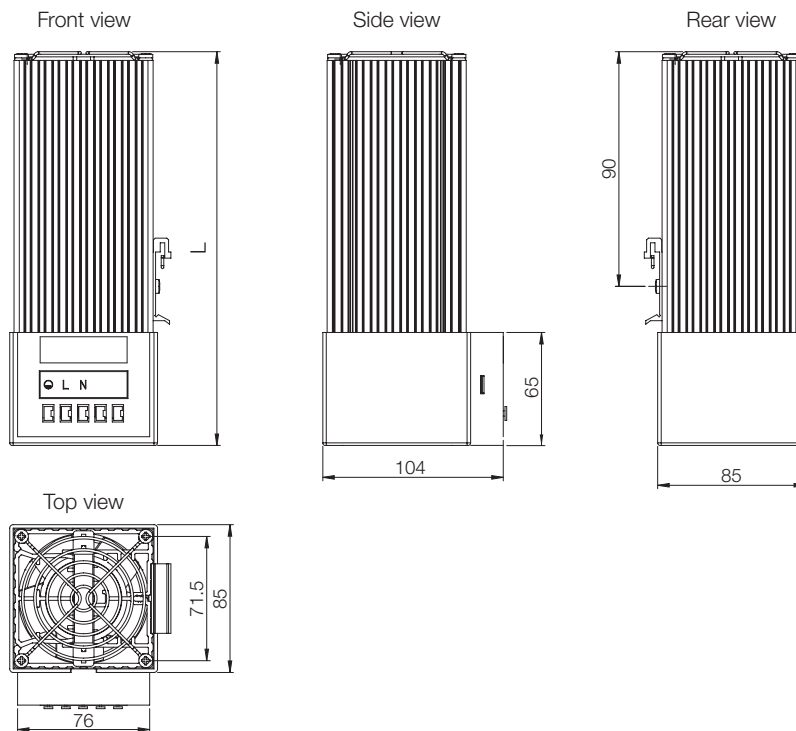


Fan Heater, EGL

- Description:** Heater with fan to be fixed as desired, but preferably in vertical position to prevent condensation. The fan assists the natural convection for fast distribution of the heat in large enclosures. Mounting clip for 35 mm DIN rail (EN60715).
- Heating element:** PTC resistor, self regulating and temperature limiting.
- Fan life:** 40.000 h at 25°C.
- Material:** Plastic, and anodised aluminium profile.
- Operating temperature:** -40°C to +70°C. The heating capacity is for ambient temperature 20°C.
- Connection:** Plug terminal connection (2 x 0.5-2.5 mm²).
- Protection:** IP 20, Class I (earthed).
- Approvals:** CE, EAC, cULus_UL Listed.
- Pack quantity:** 1 piece.



Capacity (W)	Starting current (A)	L (mm)	Voltage (V)	Item no.
250	2.2	187	104-126 V AC	EGL250UL115
250	1.1	187	207-258 V AC	EGL250UL230
400	3.6	227	104-126 V AC	EGL400UL115
400	1.8	227	207-258 V AC	EGL400UL230



Thermal Management

Heating & Anticondensation Range

Accessories

Fan Heater, EHV

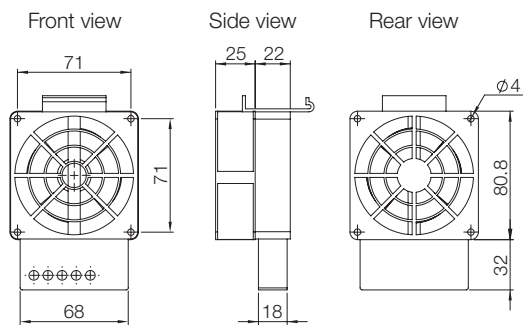
- Description:** High performance space saving fan heater to prevent condensation. The fan assists the natural convection for fast distribution of the heat in large enclosures. Mounting clip for 35 mm DIN rail (EN60715). Temperature safety cut-out to protect against overheating in case of fan failure, automatic reset.
- Heating element:** High performance cartridge.
- Material:** Plastic according to UL94 V-0, and die-cast aluminium.
- Fan life:** 50.000 h at 25°C.
- Operating temperature:** -45°C to +70°C.
- Connection:** 3-pole screw connector 2.5 mm².
- Protection:** IP 20, Class I (earthed).
- Approvals:** CE, EAC.
- Pack quantity:** 1 piece.



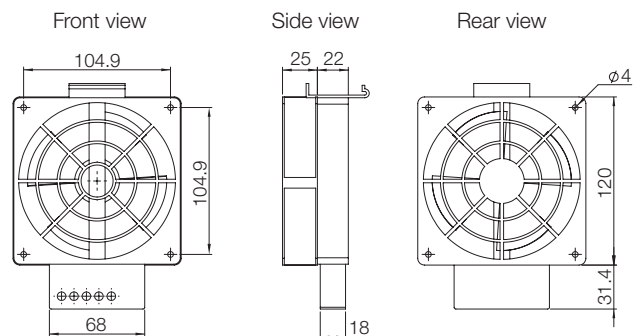
Capacity (W)	Air flow m ³ /h	Voltage (V)	Weight (kg)	Item no.
100	35	230 V AC 50/60 HZ	0.55	EHV100
150	35	230 V AC 50/60 HZ	0.55	EHV150
200	108	230 V AC 50/60 HZ	0.90	EHV200
300	108	230 V AC 50/60 HZ	0.90	EHV300
400	108	230 V AC 50/60 HZ	0.90	EHV400

Voltage (V): 120 V AC on request.

EHV100 / EHV150



EHV200 / EHV300 / EHV400



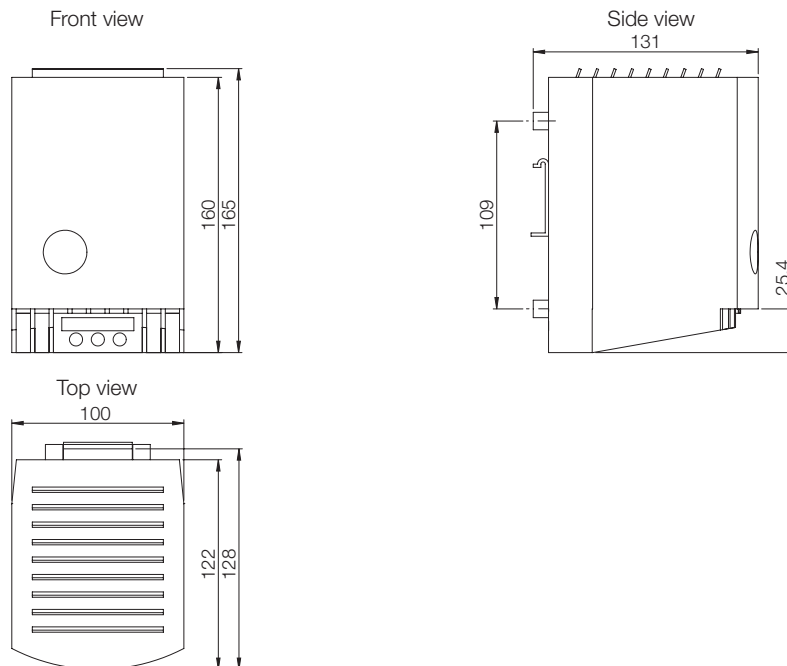
Fan heater with thermostat, ECR

- Description:** High performance heater to prevent condensation. The fan assists the natural convection for a better heat distribution. Double insulated. Mounting clip for 35 mm DIN rail (EN60715). Temperature safety cut-out to protect against overheating in case of fan failure, automatic reset. Thermostat control lamp.
- Material:** Plastic according to UL94 V-0.
- Setting range:** 0°C to 60°C.
- Heating element:** PTC resistor, temperature limiting.
- Fan life:** 50.000 h at 25°C.
- Operating temperature:** -45 to +70°C.
- Connection:** 2 pole clamp 2.5 mm², torque 0.8Nm max.
- Protection:** IP 20, Class II (double insulated).
- Approvals:** CE, EAC.
- Finish:** Light grey.
- Pack quantity:** 1 piece.



Capacity (W)	Starting current (A)	Voltage (V)	Item no.
550	13.0	220-240 V AC, 50/60 Hz	ECR550

Voltage (V): 100-120 V AC on request.



Thermal Management

Heating & Anticondensation Range

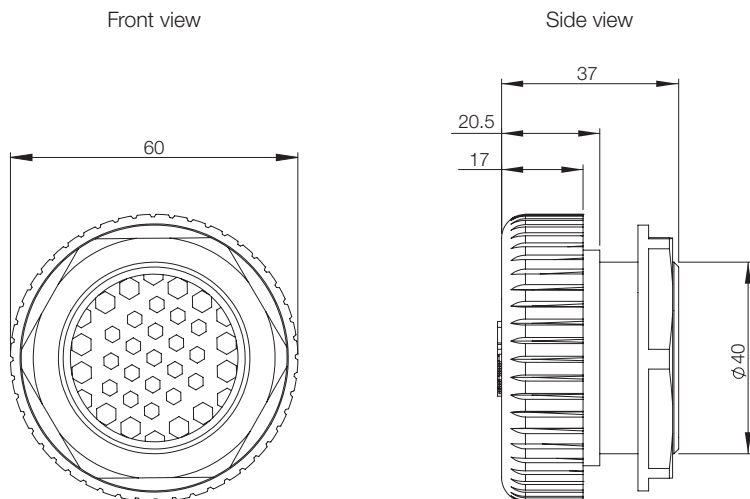
Accessories

Plastic pressure compensation plug, EDA

- Description:** It compensates the pressure with high IP. In the enclosures pressure differentials can occur during extreme temperature variations, when this happens there is risk of dust and humidity inside the enclosure. Even with a slight overpressure, a waterproof membrane inside the plug allows air and humidity to leave the enclosure. In the opposite direction, it only allows dry air into the enclosure. Mounting with thread M40x1.5 with nut, recommended torque of 5 Nm (max. 10 Nm). For optimal pressure compensation we recommend to use two devices on opposite sides towards the top of the enclosure. Air permeability of 1200 l/h at a pressure difference of min. 70 mbar.
- Material:** Plastic. Sealing gasket NBR.
- Operating temperature:** -35 to +70°C.
- Machining required:** Round hole 40.5 mm diameter. Depth in the enclosure of approximately 16 mm.
- Protection:** IP 66 / IP X9K.
- Approvals:** CE.
- Finish:** Light grey.
- Pack quantity:** 1 piece.



Item no.
EDA40

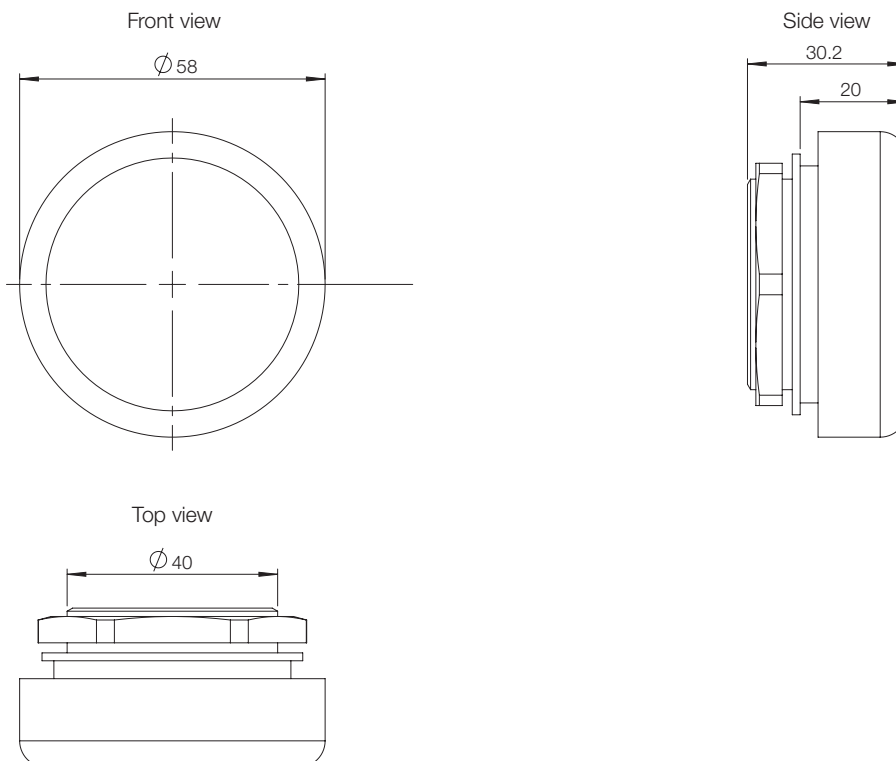


Stainless steel pressure compensation plug, EDAS

- Description:** It compensates the pressure with high IP. In the enclosures pressure differentials can occur during extreme temperature variations, when this happens there is risk of dust and humidity inside the enclosure. Even with a slight overpressure, a waterproof membrane inside the plug allows air and humidity to leave the enclosure. In the opposite direction, it only allows dry air into the enclosure. Mounting with thread M40x1.5 with nut, recommended torque of 5 Nm (max. 10 Nm). For optimal pressure compensation we recommend to use two devices on opposite sides towards the top of the enclosure. Air permeability of 1200 l/h at a pressure difference of min. 70 mbar.
- Material:** AISI 303 stainless steel. Sealing gasket NBR.
- Operating temperature:** -45 to +80°C.
- Machining required:** Round hole 40.5 mm diameter. Depth in the enclosure of approximately 9 mm.
- Protection:** IP 66 / IP X9K.
- Approvals:** CE.
- Finish:** Stainless steel.
- Pack quantity:** 1 piece.



Item no.
EDAS40

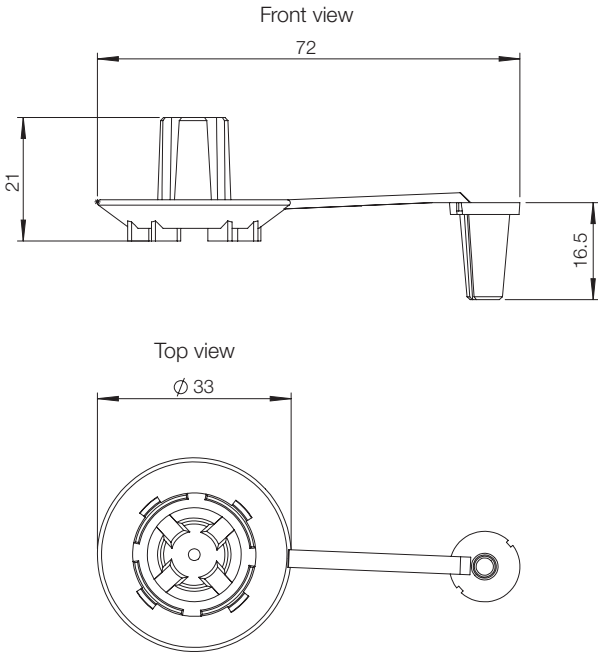


Thermal Management Heating & Anticondensation Range Accessories

Drain plug, DWP

- Description:** Drain plug to remove condensation water. Easy to install. Fits material thicknesses up to 4 mm. Protection degree IP 44.
- Material:** Rubber.
- Machining required:** Round hole 11 mm diameter.
- Pack quantity:** 10 pieces.

Item no.
DWP02

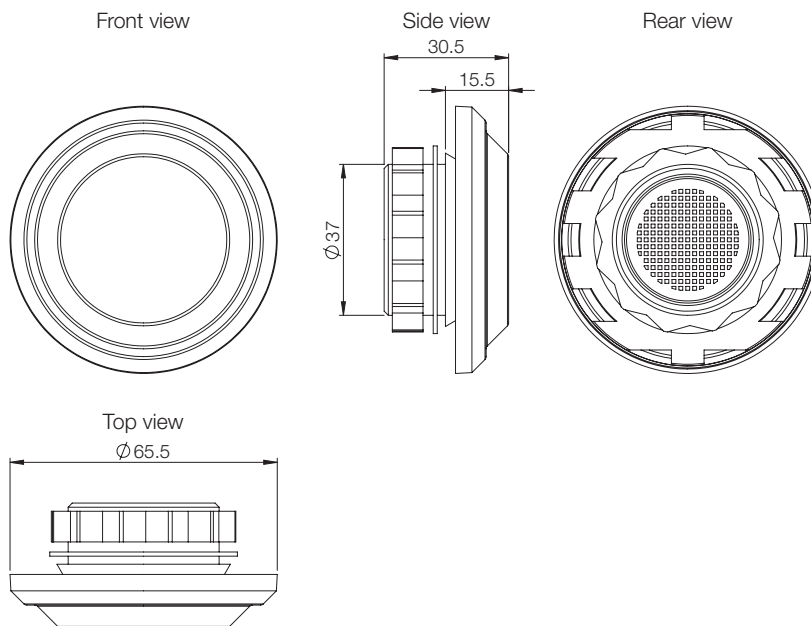


Pressure compensation plug, PVD

- Description:** It gives a controlled change in pressure. In the enclosures pressure differentials can occur during extreme temperature variations, when this happens there is risk of dust and humidity inside the enclosure. Mounting with a PG29 thread with nut, recommended torque of 5 Nm (max. 10 Nm). For optimal pressure compensation we recommend to use two devices on opposite sides towards the top of the enclosure. Sealing gasket NBR. Weather proof and UV light resistant according to UL746(f1). Air interface of approximately 1.5 cm².
- Material:** Plastic according to UL94 V-0. Sealing gasket NBR.
- Operating temperature:** -45 to +70°C.
- Machining required:** Round hole 37 mm diameter.
- Protection:** IP 55.
- Finish:** Light grey.
- Pack quantity:** 2 pieces.



Weight (kg)	Item no.
0.10	PVD02



Thermal Management Control Range

Typical Application | Control Range

Building

Rail & Roads

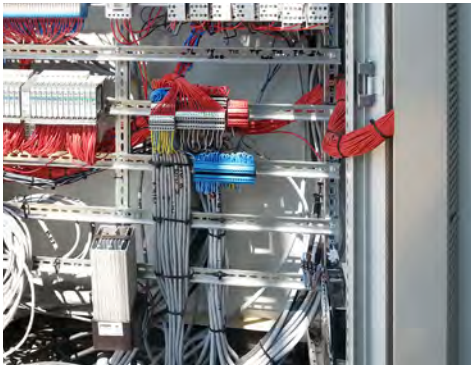
Industry

Windmill

Outdoor installations



Eldon's temperature and humidity control systems manage the cooling and heating equipment, in this way the temperature inside the enclosure will be maintained between the required minimum and maximum values. The use of them will result in a better reliability of the thermal management process, reduced energy consumption due to need-based use and an improvement in the efficiency of the controlled equipment.



Motor Control Center with control equipment

Even when the cooling or heating requirements are not a high priority, they must be taken in consideration. In this installation, in normal conditions, it is not necessary to use specific cooling or heating solutions. However, to avoid possible problems in unexpected situations, the enclosure has been equipped with a low capacity filter fan EF200R5 and a small heater EGK010 in the control section. Having a proper control is vital to reduce energy consumption and extend the life cycle of the components. For the thermal control of this application a single normally-closed contact thermostat was used to manage the heater. A change-over contact thermostat was in place to control the filter fan.



Wide range

Eldon range includes all the available solutions for humidity and temperature control. Maximum and minimum temperature, relative humidity, and both at the same time.



Pre-set or adjustable solutions

Eldon offers two options for temperature control: pre-set and adjustable thermostats. Adjusting the temperature can be useful but in certain installations this option should not be available to avoid unauthorized manipulation.



Certified products

The quality and standards compliance is guaranteed by well-known international companies, making their use possible in almost any application and in most countries around the globe.



Available information

To make easier the design and procurement of Eldon products we offer in our website www.eldon.com all the needed information: drawings 2D and 3D, technical data sheet, mounting instructions.

Thermal Management

Control Range

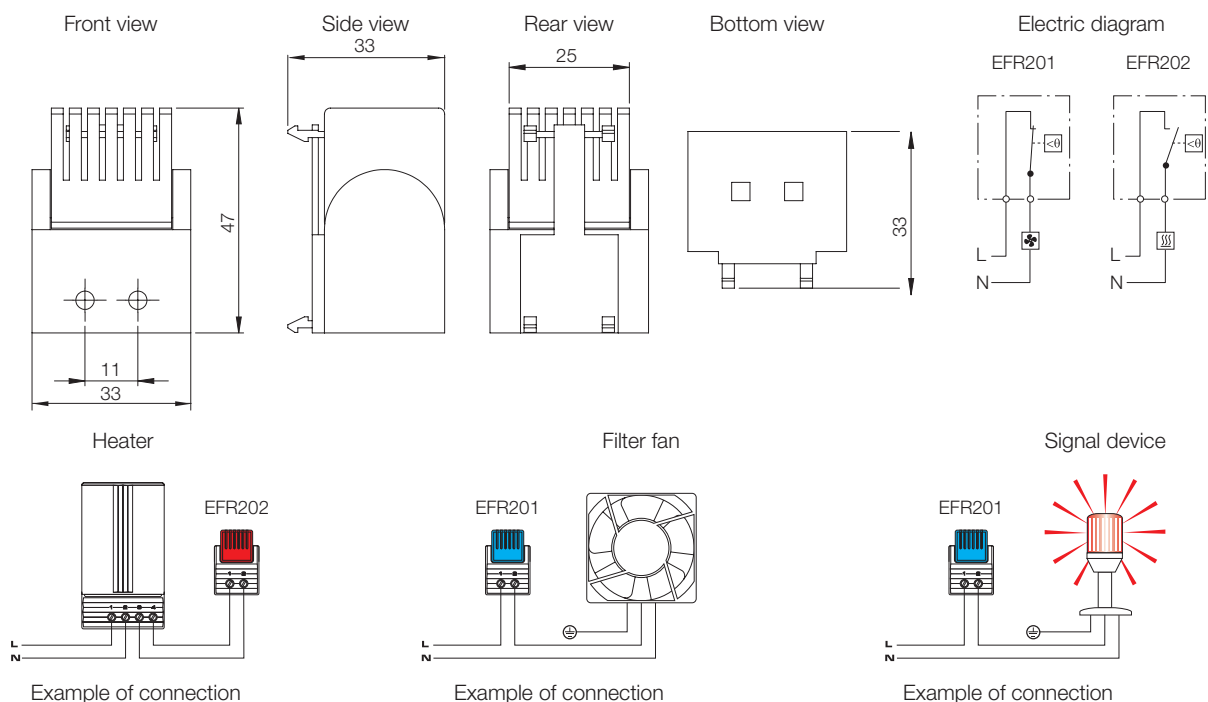
Accessories

Fix Thermostat, EFR

- Description:** Pre-set thermostats to manage temperature in panels. Sensor element thermostatic bimetal. Red one (EFR202) with a normally closed contact for regulating heaters. Blue one (EFR201) with a normally opened contact for regulating cooling devices or signal devices. Mounting clip for 35 mm DIN rail (EN 60715).
- Material:** Plastic according to UL94 V-0.
- Switch capacity:** 250V AC, 5 (1.6)A. 120V AC, 10 (2) A. 24V DC, 30W. Value in brackets for inductive load. Max. starting current of 16 A (AC) for 10 seconds.
- Operating temperature:** -40 to +80°C.
- Service life:** > 100,000 cycles.
- Connection:** 2 pole terminal for 2.5 mm², torque 0.8Nm max.
- Protection:** IP 20.
- Approvals:** CE, EAC, cULus_UL Listed.
- Finish:** Light grey.
- Pack quantity:** 1 piece.



Description	Pre-set (°C)	Item no.
Normally opened contact	35	EFR201
Normally closed contact	5	EFR202

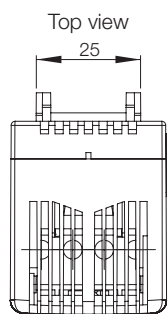
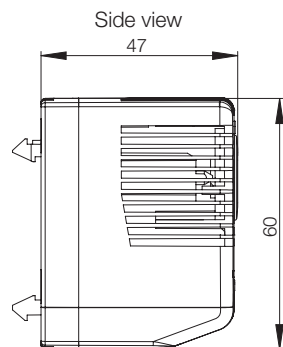
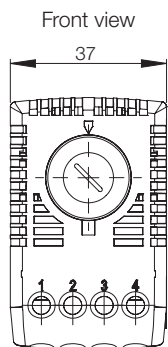


Thermostat, ETR

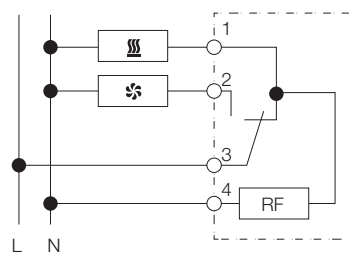
- Description:** Thermostat with NC/NO contacts to manage temperature in panels. ETR202 with a normally closed contact for regulating heaters. ETR201 with a normally open contact for regulating cooling devices or signal devices. Sensor element thermostatic bimetal. Mounting clip for 35 mm DIN rail (EN 60715).
- Material:** Plastic according to UL94 V-0.
- Setting range:** 0°C to 60°C. Switching temperature difference less than 7°K, and switching point tolerance $\pm 4^{\circ}\text{K}$.
- Switch capacity:** 240V AC, 10(2)A. 120V AC, 15(2)A. 24V DC, 30W. Value in brackets for inductive load.
- Operating temperature:** -20 to +80°C.
- Service life:** > 100,000 cycles.
- Connection:** Screw terminal for cable (0.5 to 2.5 mm²).
- Protection:** IP 20.
- Approvals:** CE, EAC, cULus_UL Listed.
- Finish:** RAL 7035.
- Pack quantity:** 1 piece.



Description	Item no.
Normally opened contact	ETR201
Normally closed contact	ETR202



Electric diagram



Thermal Management

Control Range

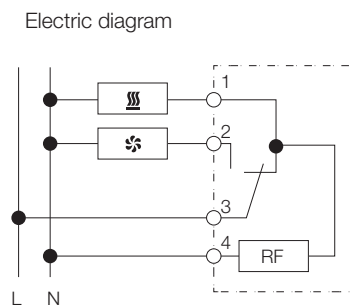
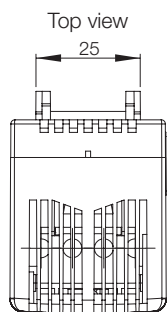
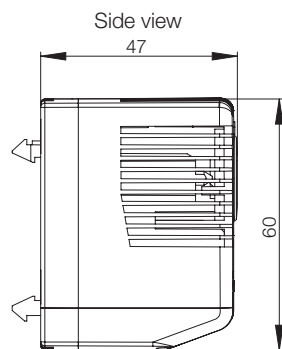
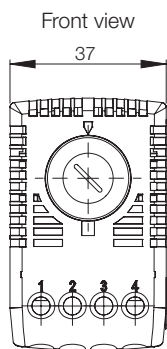
Accessories

Thermostat, ETR200

Description:	Thermostat with changeover contact to manage any kind of device, heater or cooling. Sensor element thermostatic bimetal. Mounting clip for 35 mm DIN rail (EN 60715).
Material:	Plastic according to UL94 V-0.
Setting range:	0°C to 60°C. Switching temperature difference less than 3°K, and switching point tolerance $\pm 3^{\circ}\text{K}$.
Switch capacity:	NC contact, 100-250V AC, 10(2)A. NO contact, 100-250V AC, 5(2)A, for 230V AC operation only. 24V DC, 30W. Value in brackets for inductive load.
Operating temperature:	-40 to +80°C.
Service life:	> 100,000 cycles.
Connection:	Screw terminal for cable (0.5 to 2.5 mm ²).
Protection:	IP 20.
Approvals:	CE, EAC, cULus_UL Listed.
Finish:	RAL 7035.
Pack quantity:	1 piece.



Item no.
ETR200

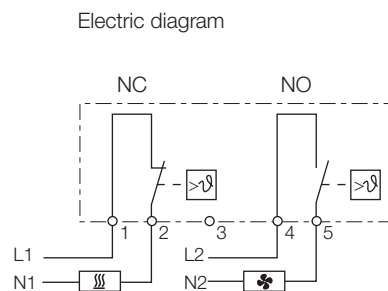
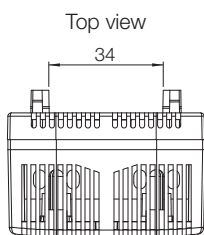
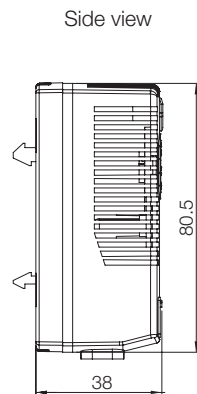
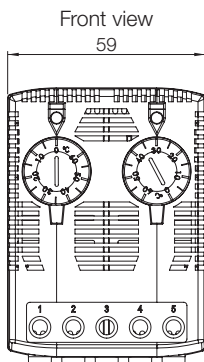


Dual Thermostat, ETR203

- Description:** Device with two independent thermostats, unlike thermostats with changeover contacts, connected devices can be switched in different temperature ranges. One thermostat with a normally closed contact for regulating heaters, and one with a normally opened contact for regulating cooling devices or signal devices. Sensor element thermostatic bimetal. Mounting clip for 35 mm DIN rail (EN 60715).
- Material:** Plastic according to UL94 V-0.
- Setting range:** 0°C to 60°C. Switching temperature difference less than 7°K, and switching point tolerance $\pm 4^\circ\text{K}$.
- Switch capacity:** 240V AC, 10(2)A. 120V AC, 15(2)A. 24V DC, 30W. Value in brackets for inductive load.
- Operating temperature:** -40 to +80°C.
- Service life:** > 100,000 cycles.
- Connection:** Screw terminal for cable (0.5 to 2.5 mm²).
- Protection:** IP 20.
- Approvals:** CE, EAC, cULus_UL Listed.
- Finish:** RAL 7035
- Pack quantity:** 1 piece.



Item no.
ETR203



Thermal Management

Control Range

Accessories

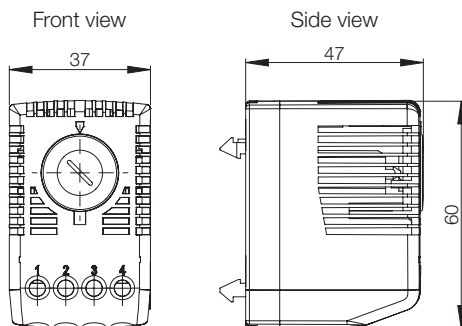
Hygrostat, ETF200

- Description:** Mechanical hygrostat designed to control heaters when the pre-set or fixed relative humidity is exceeded. The relative humidity must be kept above the dew point to prevent condensation and corrosion inside the enclosure. Mounting clip for 35 mm DIN rail (EN 60715).
- Material:** Plastic according to UL94 V-0
- Switch capacity:** 250V AC, 5A. DC, 20W, (30W ETF2000).
- Operating temperature:** 0°C to +60°C.
- Service life:** > 50,000 cycles.
- Connection:** 2 pole terminal for 2.5 mm².
- Protection:** IP 20.
- Approvals:** CE, EAC, cULus_UL Listed.
- Finish:** RAL 7035.
- Pack quantity:** 1 piece.

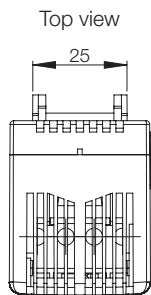
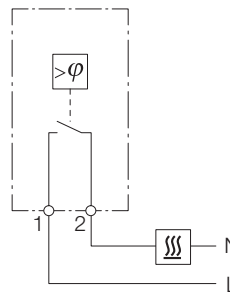


Description	Setting range	Item no.
Pre-set hygrostat	65%	ETF200
Adjustable hygrostat	40% to 90%	ETF2000

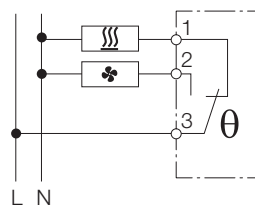
ETF200 / ETF2000



ETF200 Electric diagram



ETF2000 Electric diagram

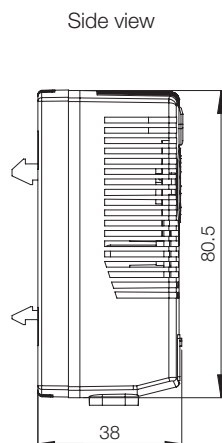
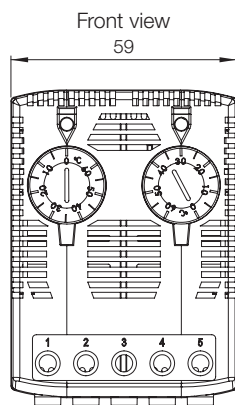


Electronic thermostat / hygrostat, ETF300

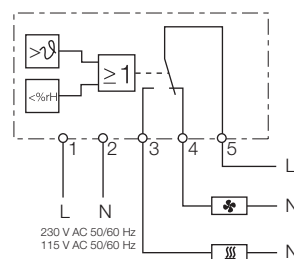
- Description:** Electronic hygrostat-thermostat monitors the relative humidity and the temperature independently of each other, and it manages heaters and filter fans to prevent condensation and corrosion inside the enclosure. Mounting clip for 35 mm DIN rail (EN 60715).
- Setting range:** 0°C to 60°C, and 40 to 90% R.H.
- Material:** Plastic according to UL94 V-0.
- Switch capacity:** 240V AC, 8(3)A. 120V AC, 8(3)A. 24V DC, 4A. Value in brackets for inductive load.
- Operating temperature:** -20°C to +60°C.
- Service life:** 50,000 cycles.
- Connection:** Pole terminal for 2.5 mm².
- Protection:** IP 20.
- Approvals:** CE, EAC, cULus_UL Listed.
- Finish:** RAL 7035.
- Pack quantity:** 1 piece.



Voltage (V)	Frequency	Item no.
230V AC	50/60 (Hz)	ETF300
115V AC	50/60 (Hz)	ETF300120



Electric diagram







06 Cable Management

Cable Glands

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Cable Entry Gland Plates

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Cable Management

Eldon offers a wide range of cable entry products to meet many different customer requirements. The products offered are divided into two groups:

- Cable glands;
- Cable entry gland plates.

These products are manufactured using high quality raw materials. Together with the tested and confirmed high IP-rating, they make it possible to guarantee reliable performance in almost any environment.

Some characteristics of the cable glands:

- Traditional and reliable CPG cable glands;
- Cost-effective solution with the simple cable gland, CES;
- Double protection with the CED cable glands;
- Improved strain relief with the CAG cable glands.

The cable gland plates are characterized by:

- A high cable density with the CEP/CEPR cable entry gland plates;
- The possibility to use already connected cables with the CCF gland plates;
- A fast and smooth installation using the EHTC gland plates.

Standard solutions do not always meet the installation requirements for industries such as food and beverages, pharmaceuticals, and others where a high level of cleanliness is demanded. For these types of installations, Eldon has a dedicated product, the hygienic design cable gland CGHD (see Hygienic Design in the Wall Mounted chapter), which has been designed to meet the strict regulations within these industries.

Cable Management

Cable glands

Typical Application | Cable Glands

Building

Manufacturing processes

Food & Beverage

Oil & Gas



The traditional way of cabling enclosures in the field is by using cable glands, a cost effective solution which allows to design the cables configuration necessary, also considering the required positioning.

Eldon can handle the machining of the enclosure for you, allowing you to avoid any extra machining.

The different cable glands available will offer the most suitable solution, depending on the installation requirements, making it possible to design the enclosure in the most cost effective way.



Pump for wine industry

The UCP polyester enclosure was chosen to house the control panel in a pump, used for the transfer of liquids during the wine making process. As it is a mobile machine, high mechanical requirements apply for the cables going outside the enclosure. The chosen solution, for this application, were the traditional CPG cable glands, which give an excellent strain relief and a very high protection rating (IP 68), key advantages for the outdoor use of the machine.



PLC control panel

The PLC is controlling the manufacturing process and a lot of cables are coming from different areas. Because of the harsh environment, these cables are protected with tubes and need to be grouped according to their location within the enclosure. The traditional cable glands that allow multiple cable through the same cable gland was chosen. With this solution the cables are completely protected even outside the enclosure.



Several installation possibilities

The various cable glands allow cables to be installed in different ways. From cable glands that provide quick and easy external assemblies, like CAG, CED and CES to stronger and safer fixations, like CPG.



Wide range of solutions

Eldon offers four different types of cable glands, to be able to respond to any installation requirement. These cable glands are made of various materials (TPE, polyamide, EPDM) that offer different levels of strain relief (moderate in the simple protection CES, to very high with the traditional CPG).



Membrane sealing

The cable opening is sealed until the membrane is pushed out, allowing to transport the machine or enclosure without any risk of dust or water entering inside the enclosure, and without the need to use additional accessories, such as blind plugs.



Joy-stick solution

The CES is a cost effective solution, with a sock that closes tight around the cable, allowing it to be moved around like a joy-stick, maintaining the IP 67 rating.

Cable Management

Cable glands

Plastic cable glands, CPG

- Description:** Traditional cable fittings. Known for excellent strain relief even while providing a high protection class. Plastic lock nuts for fixation are included in the delivery.
- Material:** Fitting body made of polyamide PA6, and sealing made of neoprene.
- Temperature resistance:** -20°C to +100°C.
- Flammability:** V-2 according to UL94.
- Finish:** RAL 7035.
- Protection:** IP 68 at 5 bar.



Thread	Cable Size	Pack quantity	Item no.
M12 x 1.5	3 - 6.5	100	CPG12
M16 x 1.5	5 - 10	50	CPG16
M20 x 1.5	6 - 12	50	CPG20
M25 x 1.5	13 - 18	50	CPG25
M32 x 1.5	18 - 25	20	CPG32
M40 x 1.5	22 - 32	10	CPG40
M50 x 1.5	30 - 38	5	CPG50
M63 x 1.5	34 - 44	5	CPG63

Simple protection cables entry, CES

Description: Simple grommet manufactured in a rubber-like material. The installation does not require tools. The "pushout" membrane is a permanent seal until it is penetrated by a cable or pipe. It is equipped with a sock that closes tight around the cable and allows for it to be moved around like a "joy-stick" in the opening without endangering the IP, so it works extremely well with cables passing through at an angle. Suitable for holes in materials of 0.5 to 4.5 mm thickness.

Material: TPE (thermoplastic elastomer), halogen free.

Temperature resistance: -50°C to +125°C.

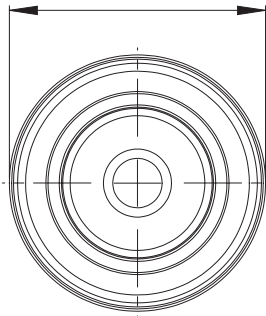
Finish: RAL 7035.

Protection: IP 67.

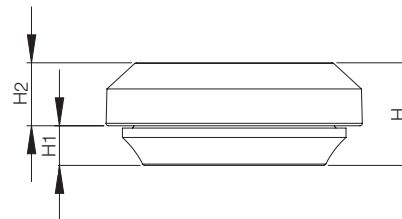


H	H1	H2	Metric	Diameter	Cable diameter (mm)	Hole diameter (mm)	Pack quantity	Item no.
11.0	4.0	6.75	M16	23.5	5-10	16.5	50	CES16
11.0	4.0	6.75	M20	27.5	6-13	20.5	50	CES20
11.0	4.0	6.75	M25	39.5	8-17	25.5	50	CES25
11.0	4.0	6.75	M32	39.5	12-24	32.5	25	CES32

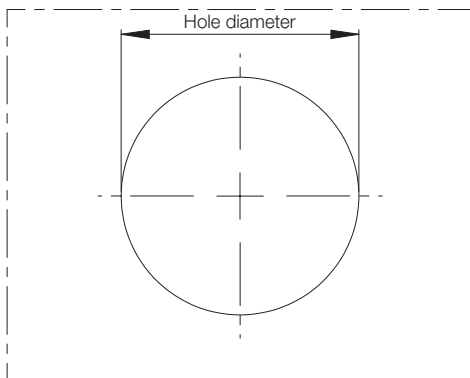
Front view
Diameter



Side view



Cut-out



Cable Management

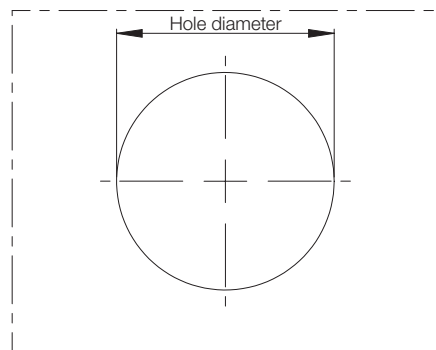
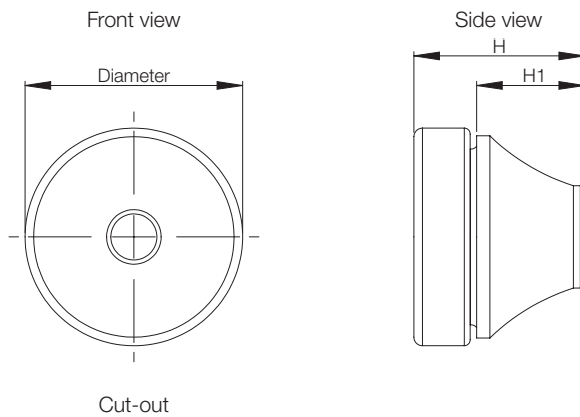
Cable glands

Double protection cables entry, CED

- Description:** The rubber grommet is very simple to use. The installation does not require tools, which in turn means lower work cost. The “pushout” membrane is a permanent seal until it is penetrated by a cable or pipe. Suitable for holes in materials of 0.5 to 4 mm thickness.
- Material:** EPDM, halogen free.
- Temperature resistance:** -40°C to +110°C.
- Finish:** RAL 7035.
- Protection:** IP 67.



H	H1	Metric	Diameter	Cable diameter (mm)	Hole diameter (mm)	Pack quantity	Item no.
12.8	5.6	M12	20.0	4-7	12.5	50	CED12
17.7	11.0	M16	21.0	5-9	16.5	50	CED16
20.0	13.4	M20	25.5	8-13	20.5	50	CED20
21.3	15.3	M25	30.5	11-17	25.5	50	CED25
24.6	18.6	M32	38.5	15-20	32.5	25	CED32
29.5	21.7	M40	48.5	19-28	40.5	25	CED40
34.8	25.0	M50	60.5	27-35	50.5	10	CED50



Cable anchorage glands, CAG

Description: Two-component grommet with membrane seal and cable anchorage. The installation does not require tools, it is self-adjusting to its surrounding wall thickness and click-fixed in place. Because of its compact design it only extends 5.7 mm outside the enclosure on which it is mounted. The "pushout" membrane is a permanent seal until it is penetrated by a cable or pipe. Suitable for holes in materials of 0.7 to 3 mm thickness.

Material: TPE and polyamide 66, halogen free.

Temperature resistance: -20°C to +125°C.

Finish: RAL 7035.

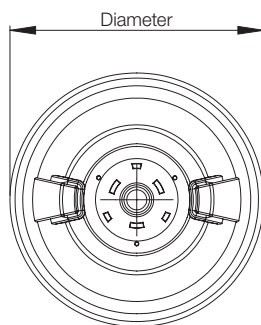
Protection: IP 67,65, waterproof.

Pack quantity: 50 pieces.

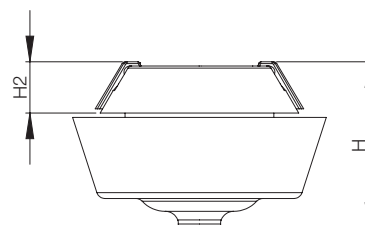


H	H2	Metric	Diameter	Cable diameter (mm)	Hole diameter (mm)	Item no.
17-20	5.7	M20	34-37	7-11	20.5	CAG20
17-20	5.7	M25	39-42	7-13	25.5	CAG25

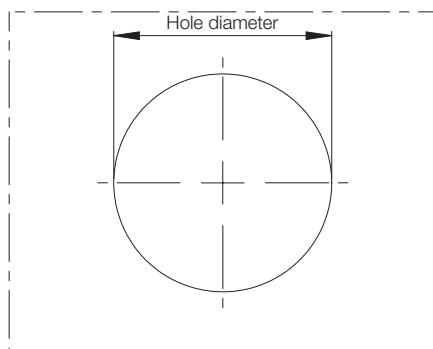
Front view



Side view



Cut-out



Cable Management

Cable entry gland plates

Typical Application | Cable entry gland plates

Manufacturing processes

Machines

Windmills



In many enclosure applications, the number and size of cables that go in or out of the enclosure is unknown during the panel assembly. For example, the number of cables can vary in machines that, although have the same features, are installed in different places. The cable gland plate is the ideal solution in these cases because it provides various numbers and types of openings, which remain closed until they are used in the field.

In addition, cable gland plates can offer interesting advantages in multiple situations; for instance, when the available area for cable incoming/outgoing is limited and the number of cables is rather high, the gland plates can offer a higher cable density than the traditional solutions.



Machine control panel

The connection of the machine in the field requires various cable configurations, depending on the manufacturing process. It is also essential to have the possibility to modify the configuration, to fit future requirements.

To best address this situation, the solution adopted was the CEP gland plate. The chosen gland plate has the advantage that, even after installing the cables, the holes can be easily resealed by simply removing the cable, if future configurations require so. For the installation of the gland plate, a cut-out is necessary; this can easily be done in our standard removable gland plates, supplied with most of our wall mounted enclosures.



Manufacturing process control panel

It is usual that in the control panels for manufacturing processes there are a big amount of cables between the field and the enclosure. As the available space to make the cable incoming-outgoing in the enclosure is limited in many situations we have a high cable density in the bottom of the enclosure. To solve this problem in this panel we used different gland plates CEP which increase a lot the cabling capacity.



High cable density

When the space is limited, the cable gland plates are the best solution. The CEP/CEPR gland plates offer a space saving solution of up to 50%, compared to traditional cable glands.



Tool-free fixing

The different gland plates are ready to be installed tool-free, CEP, CEPR, and CCF with a click-in system, and EHTC with fast screws that can be fixed only by pressing them. These features together with the standard required cut-out make the assembly fast and easy.



High protection degree

High IP protection up to IP 65, and up to IP 54 for cables preassembled with connectors. This high protection is maintained even if the cables are not installed until the enclosure is connected in the field.



For any application

Eldon offers many different types of cable glands and gland plates to meet all customer requirements. This is particularly important when customers have special cut-outs, such as, round FL21, or when cables with terminals and connectors need to be installed.

Cable Management

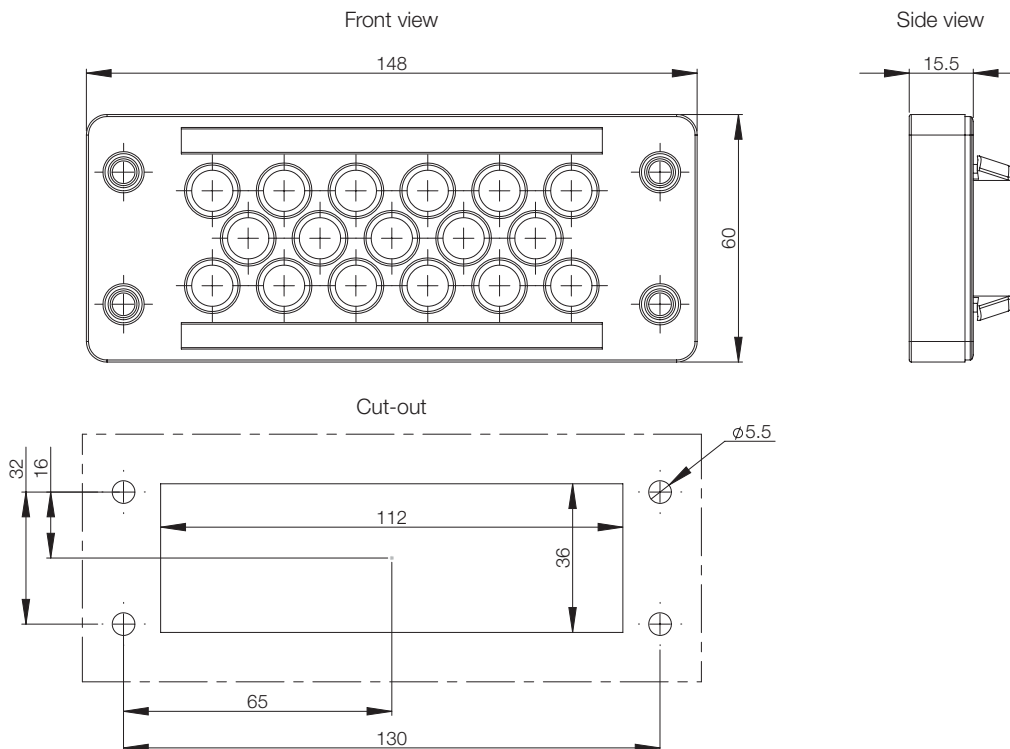
Cable Entry Gland Plates

Cable entry gland plate, CEP

- Description:** Plastic cable entry for a fast, economical and tool-free incoming of cables and/or pneumatic conduits inside the enclosure. Integrated seal. For snap-in fastening (only for wall thicknesses ranging between 1.4 and 2 mm) and/or screwing. Installation height: 15.5 mm.
- Material:** Polyamide, and the seal is made of TPU/NBR/EPDM, halogen free.
- Temperature resistance:** -30°C to +70°C.
- Flammability:** V-0 according to UL94.
- Finish:** Black.
- Protection:** IP 65.
- Pack quantity:** 1 piece.



Openings (mm)						Item no.
3-6	4-8	5-9	8-12	9.5-16	14-20	
4	-	4	-	-	3	CEP2411
-	-	-	12	-	-	CEP2412
6	-	4	-	4	-	CEP2414
-	-	17	-	-	-	CEP2417
16	-	4	2	-	-	CEP2422
-	23	-	-	-	-	CEP2423
29	-	-	-	-	-	CEP2429



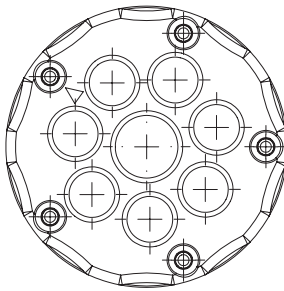
Round cable entry gland plate, CEPR

- Description:** Round plastic cable entry for a fast, economical and tool-free incoming of cables and/or pneumatic conduits inside the enclosure. Integrated seal. For snap-in mounting. Snap-in system works at wall thicknesses of 1.4 to 2 mm. Installation height: 9 mm outside, and 24-25 inside.
- Material:** Polyamide, and the seal is made of NBR/EPDM, halogen free.
- Temperature resistance:** -30°C to +90°C.
- Flammability:** V-0 according to UL94.
- Finish:** Black.
- Protection:** IP 65.
- Pack quantity:** 1 piece.

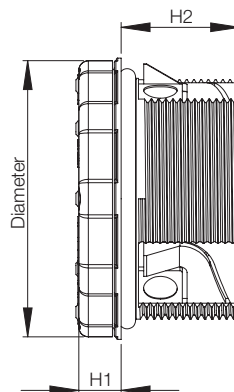


H1	H2	Diameter	Hole diameter (mm)	Openings (mm)			Item no.
				3-5	3 - 6,5	6-10	
9	24	58	50.5	-	7	1	CEPR5008
9	25	71	63.5	19	-	-	CEPR6319

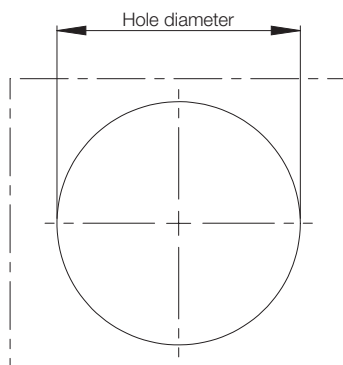
Front view



Side view



Cut-out



Cable Management

Cable Entry Gland Plates

Connected cable entry gland plate, CCF

Description: Plastic cable entry for a fast, economical and tool-free incoming of cables fitted with connectors, inside the enclosure. Integrated seal. For snap-in fastening (only for wall thicknesses ranging between 1.4 and 2 mm) and/or screwing. Installation height: 14 mm. It has ten openings to be covered with ten CCG cable entry grommets. If it's not necessary to use all the grommets with cables, a dummy grommet is to be used in order to maintain the IP rating.

Material: Polyamide, halogen free.

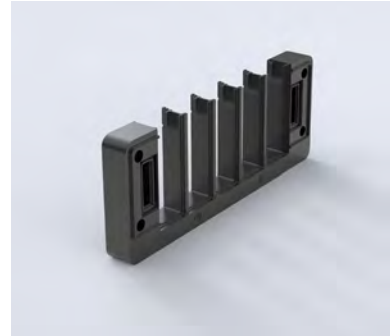
Temperature resistance: -40°C to +140°C.

Flammability: V-0 according to UL94.

Finish: Black.

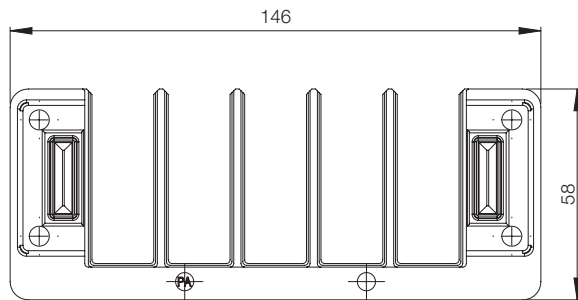
Protection: IP 54 with suitable grommets and cables.

Pack quantity: 1 piece.

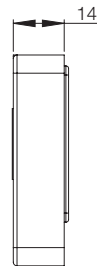


Openings	Item no.
10	CCF2410

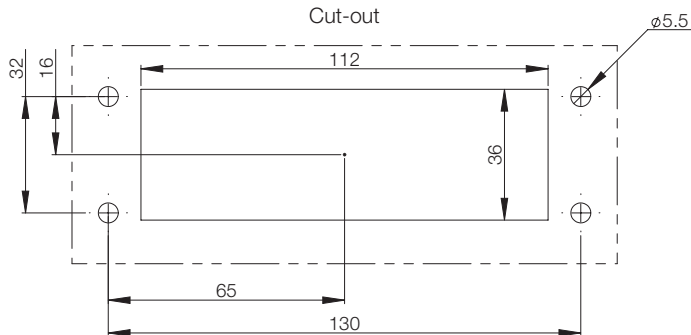
Front view



Side view



Cut-out

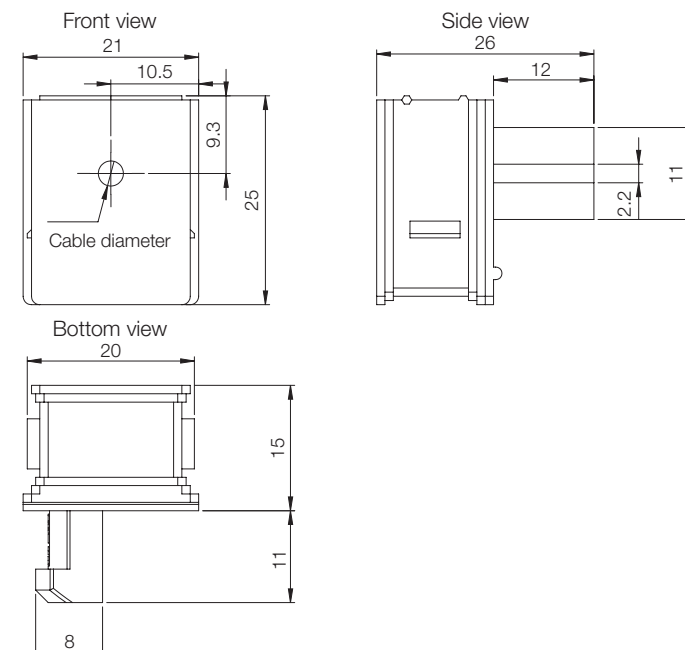


Cable entry grommet, CCG

- Description:** Mounted together with the CCF cable gland plate, CCG grommets are used to easily route cables fitted with connectors. The grommet is positioned around the cable and is equipped with catch hooks that anchor themselves in the CCF cable gland plate. Strain relief is achieved by using a simple cable tie.
- Material:** Thermoplastic rubber, halogen free.
- Temperature resistance:** -40°C to +80°C.
- Flammability:** HB according to UL94.
- Finish:** Black.
- Protection:** IP 54 with suitable gland plate and cables.
- Pack quantity:** 10 pieces.



Cable diameter (mm)	Item no.
0	CCG00
3-4	CCG03
4-5	CCG04
5-6	CCG05
6-7	CCG06
7-8	CCG07
8-9	CCG08
9-10	CCG09
10-11	CCG10
11-12	CCG11
12-13	CCG12
13-14	CCG13
14-15	CCG14
15-16	CCG15



Cable Management

Cable Entry Gland Plates

Plastic cable plates, EHTC

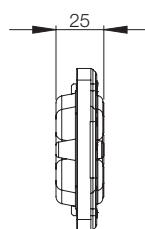
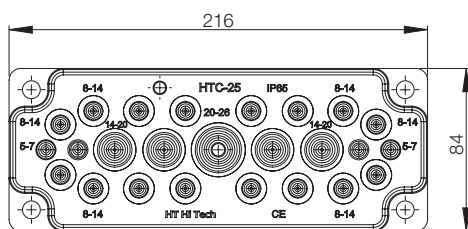
- Description:** Gland plates suitable for leading through cables as well as different types of tubing. To be installed directly to the adapter gland plate AFA02 / AFA04.
- Material:** Different types of polymers reinforced with a steel plate. Halogen free and UV resistant.
- Protection:** IP 65.
- Finish:** RAL 7035.
- Pack quantity:** 1 piece with mounting accessories.



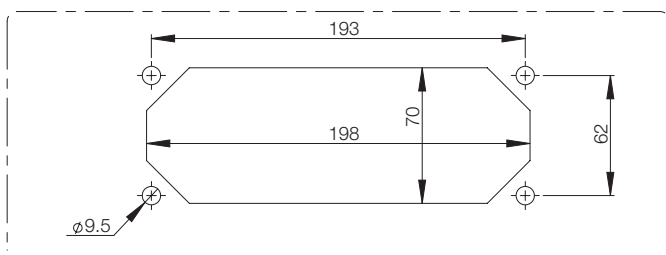
Size	Item no.
FL21	EHTC2125G
FL21	EHTC213G
FL21	EHTC2135G
FL21	EHTC2150G

Front view

Side view



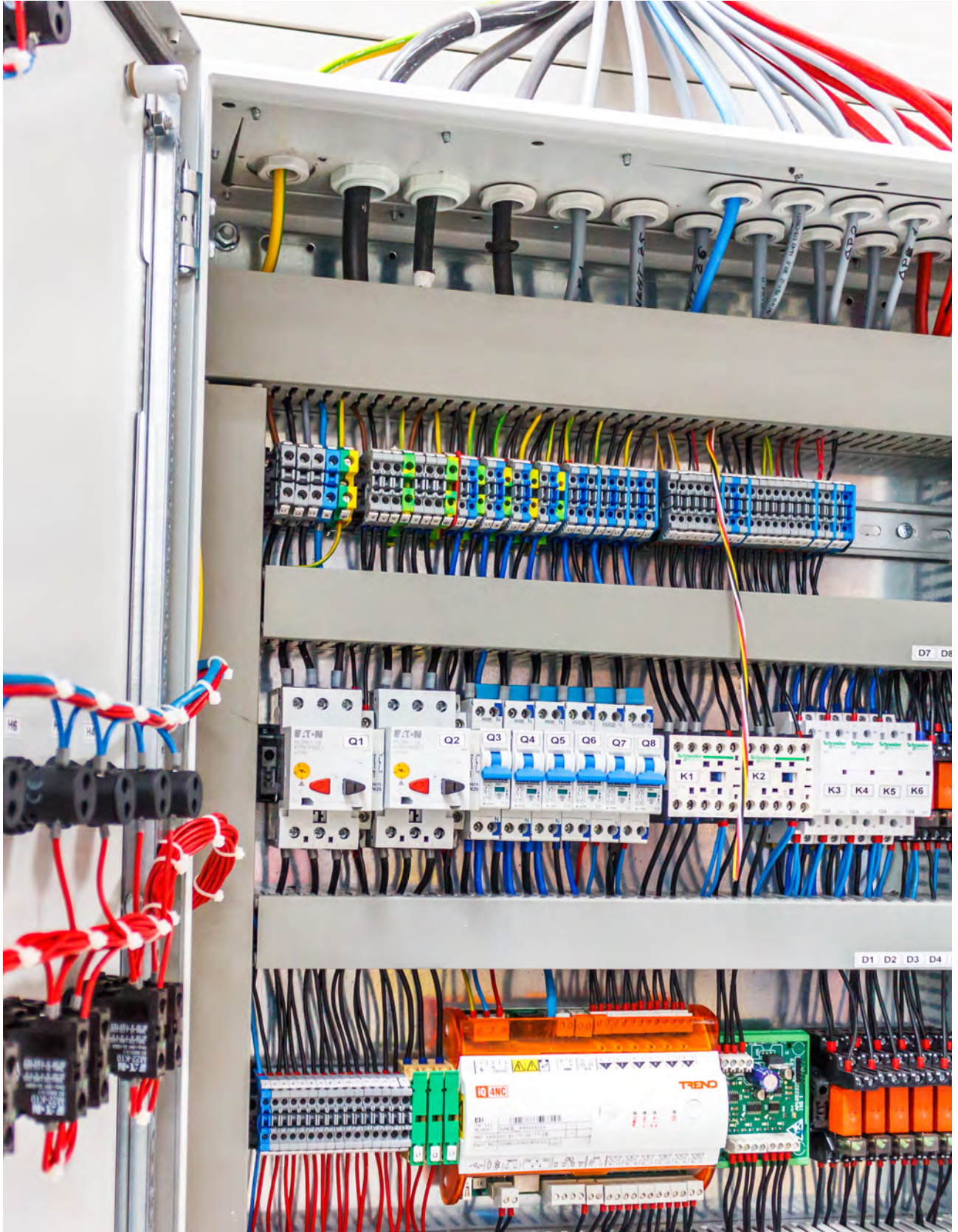
Cut-out



Cable / Tube diameter (mm)	EHTC2125G	EHTC213G	EHTC2135G	EHTC2150G
5-7	4			
6-10			4	
6-14		3		
7-12			12	
7-13				49
8-14 / 7-10	16			
10-14			16	
12-18			2	
14-20 / 5-10	4			
15-25				1
17-32			1	
20-26 / 12-15	1			
24-54		2		
30-59		1		

06

Cable Management







07 General Accessories

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General Accessories

Eldon's wide range of accessories makes it possible to meet individual customer and user requirements for the majority of applications. Eldon's general accessory range includes the following products:

- Lighting systems, to help customers perform maintenance tasks inside the enclosure, when needed, or to increase visibility inside the enclosure when accessed during the night;
- Profile accessories, including DIN rails and mounting material, to allow for easy installation of electrical equipment inside the enclosure;
- Cans of paint and cleaning products, not only to achieve the desired aesthetic appearance, but to also to contribute to ensuring long enclosure lifetime;
- Earthing accessories, to establish safe-earthing connections and to help customers fulfil all safety regulations and standards;
- Document pocket, which is a versatile, self-adhesive pocket for DIN A4 documents.

Eldon provides several solutions for the above listed accessories, where special requirements are frequently requested and met. The lighting range includes both fluorescent and LED lights, as well as different cables, to make all the necessary connections. Door-operated switches are also available, so that lights are automatically switched on whenever the enclosure door is opened.

General Accessories

Typical Application | General Accessories

Process automation

System integrators

Machines

Control systems

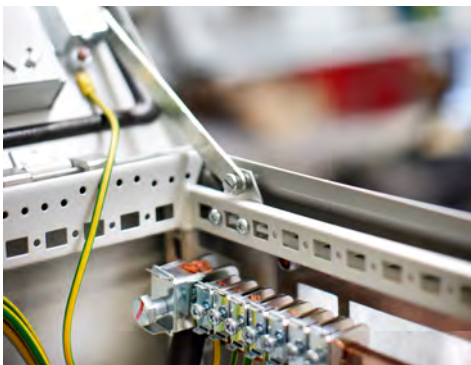


Eldon offers a wide range of general accessories for the most common applications, from DIN rails and fixing material for mounting electrical components, to lights that allow better visibility inside the enclosure and even paint for re-touching customer made cutouts. All the accessories are designed to suit the most specific requirements.



Railway control system

The enclosures in this application were placed inside a tunnel where the external lighting conditions may be poor. In order to be able to perform maintenance tasks properly and examine the components inside the enclosures, TLC lights were installed. TLCS switches were used to automatically operate each light whenever the enclosure door is opened or closed.



Control enclosure

Fulfilling all safety regulations and standards is a necessity in all applications. To achieve this, one of the tasks that must be carried out is to perform proper earthing connections between all the enclosure parts. In this application, an ECFA cable provided the means to electrically connect the enclosure body and door. This is particularly important when electrical equipment is installed on the door, as it was done in this application.



Lights easy to install

Eldon's enclosure lights offer different mounting possibilities: screw mounting, magnetic mounting and even by a click-in feature for 19" swing frames. This saves users time and makes Eldon's lighting systems easy to work with.



Full range of cables

Eldon offers a wide range of cables to connect lights, and door switches to control the light operation by simply opening and closing the door.



Wide range of available DIN rails

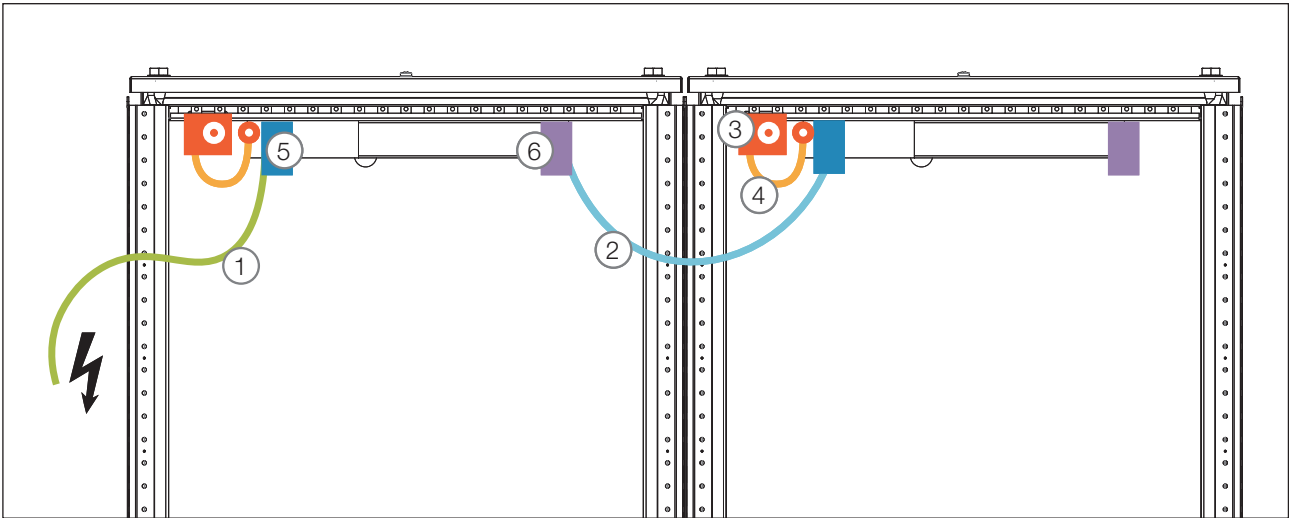
Depending on the electrical equipment that is used inside an enclosure, different types of DIN rails may be needed. Eldon offers a wide range of DIN rails in order to meet customer requirements.



Earthing connections for all enclosure parts

Eldon offers a wide range of earthing connectors and cables to guarantee electrical continuity throughout the whole enclosure for safe guarding of people.

Eldon Lighting System



- ① Connection cable for infeed (includes connector 5)
- ② Connection cable for through-wiring /infeed (includes connectors 5 and 6)
- ③ Door-operated switch
- ④ Connection cable for door-operated switch
- ⑤ Connector for infeed
- ⑥ Connector for through-wiring

	LTS	LTSL	LTSM	LTLN	TLC	TLCL	TL
1	e)	CLF L	e)	CLF	a)	a)	a)
2	-	LTP L	-	LTP	-	-	a)
3	ADSW / DSW	ADSW / DSW	b)	LDSW	TLCS	TLCS	ADSW / DSW
4	d)	d)	b)	c)	c)	c)	d)
5	e)	COF L	e)	COF	a)	a)	a)
6	-	COM L	-	COM	-	-	a)

- a) Delivery of the light includes the part already.
- b) Light includes movement sensor, so no door operated switch is required.
- c) Connection cable for door operated switch is included in the delivery of the door-operated switch.
- d) Light does not include a dedicated socket to connect a connection cable for door-operated switch. User needs to connect the door switch in between the mains leads instead.
- e) Light has cable clamps to connect the infeed cable instead of a connector. Therefore, a regular cable with open ends and without any connectors can be used.
- f) Light does not have power output and therefore connecting several lights to each other is not possible.

Enclosure lights comparison		LTS	LTSM	LTSL	LTLN	TLC	TLCL	TL
Page		-	-	-	-	-	-	-
Voltage supply	100-240 V, 50/60 Hz			X		X		
	120 V, 60 Hz				X			
	230 V, 50 Hz				X			X
	230 V, 60 Hz				X			
	230 V, 50/60 Hz	X	X			X	X	
	24 V (DC)							X
Full-electronic ballast		X	X			X		
Light	Compact fluorescent lamp, 2G7 base	X	X					
	Fluorescent lamp T5					X		X
	Fluorescent lamp T8				X			
	LED			X			X	
Installation type	Screw-fastening	X	X	X	X	X	X	X
	Adhesive attachment							X
	Clip attachment					X	X	
	Magnet attachment	X	X	X		X	X	
Approvals	cULus	X ^a	X					
	EAC	X	X	X	X	X	X	X
Equipment	Light cover	X	X	X	X ^b	X	X	X
	Integrated socket	X	X		X			
	Integrated movement sensor		X					

^a Only LTS11USAUL.

^b Available as an accessory (LTLNC).

General Accessories

Enclosure light, LTS

- Description:** Energy saving lighting system suitable for all types of panels and enclosures, especially where space is at a premium. It is made of light grey plastic (ABS-PC) according to UL94 V-0. The lamp can be mounted on its narrow or broad surface using screws, or magnetically in any position in a mild steel enclosure. It has electronic ballast, and its life service is of 10,000 h. An integrated electrical socket enables the use of additional appliances and it is provided with a protection cap.
- Lamp type:** Compact fluorescent lamp, 2G7 socket.
- Luminosity:** 900 Lm.
- Power consumption:** 11 W.
- Operating temperature:** -20°C to +50°C.
- Dimensions:** 345 x 91 x 40 mm.
- Connections:** Terminal 2.5 mm² with cable clamp, torque 0.8Nm max.

Operating voltage	Socket type	Approvals	Item no.
230 V, 50/60 Hz	Schuko	CE, EAC	LTS11
230 V, 50/60 Hz	France/Belgium	CE, EAC	LTS11FR
230 V, 50/60 Hz	Switzerland	CE, EAC	LTS11CH
230 V, 50/60 Hz	UK/Ireland	CE, EAC	LTS11UK
120 V, 50/60 Hz	USA/Canada	CE, EAC, cULus	LTS11USAUL



Enclosure light with movement sensor, LTSM

Description:	Energy saving lighting system suitable for all types of panels and enclosures, especially where space is at a premium. The movement sensor eliminates the need for a door switch. It is made of light grey plastic (ABS-PC) according to UL94 V-0. The lamp can be mounted on its narrow or broad surface using screws, or magnetically in any position in a steel enclosure. It has electronic ballast, and its life service is of 10,000 h. An integrated electrical socket enables the use of additional appliances and it is provided with a protection cap.
Lamp type:	Compact fluorescent lamp, 2G7 socket.
Luminosity:	900 Lm.
Power consumption:	11 W.
Operating voltage:	230 V, 50/60 Hz.
Operating temperature:	-20 °C to +50 °C.
Dimensions:	345 x 91 x 40 mm.
Socket type:	Schuko.
Connections:	Terminal 2.5 mm ² with cable clamp, torque 0.8Nm max.
Approvals:	CE, EAC.



Item no.
LTSM11

General Accessories

LED light, LTSL

- Description:** Energy saving lighting system suitable for all types of panels and enclosures, especially where space is at a premium. It is made of transparent plastic. This lamp has a very long service life (around 60,000 h.) thanks to the use of LED technology. The power output allows up to 10 lights to be connected to each other (daisy chain) with both the input and output plugs snap-locking into their sockets.
- Lamp:** LED, 120° angle of radiation.
- Luminosity:** 400 Lm.
- Power consumption:** 5 W max.
- Operating voltage:** 100-240 V, 50/60 Hz.
- Operating temperature:** -30 °C to +60 °C.
- Connections:** Connectors with snap lock for power supply and power output.
- Approvals:** CE, EAC, cULus_UL Listed.

Mounting	Dimensions	Item no.
Magnet fixing	351 x 34 x 32 mm	LTSL5
Screw fixing	351 x 36 x 52 mm	LTSL5S



Power cable for LTSL lights, CLF L

- Description:** Feed cable with female connector on one end to connect to a LTSL light and an open end for the connection to power.
- Length:** 2 m.
- Approvals:** CE, EAC.
- Pack quantity:** 5 pieces.

Item no.
CLF2005L



Connecting cable for LTSL lights, LTP L

Description:	Plug-in connecting cable between LTSL light units.
Length:	1 m.
Approvals:	CE, EAC.
Pack quantity:	5 pieces.

	Item no.
	LTP1000L



Female connectors for LTSL lights, COF L

Approvals:	CE, EAC.
Pack quantity:	Pack of 5 female connectors for LTSL lights.

	Item no.
	COF05L



Male connectors for LTSL lights, COM L

Approvals:	CE, EAC.
Pack quantity:	Pack of 5 male connectors.

	Item no.
	COM05L



General Accessories

Enclosure light, LTLN

Description: Fluorescent lamp especially designed to fit onto the inside hole pattern of an enclosure's frame. The housing of the light is made of mild steel, powder coated in RAL 7035. The power output allows lights to be connected to each other (daisy chain). An integrated electrical socket enables the use of additional appliances.

Lamp type: Fluorescent lamp T8.

Operating temperature: -10 °C to +40 °C.

Socket type: Schuko. Other socket types available on request.

Connection: Connectors for power supply, power output, and door switch.

Approvals: CE, EAC.

H	W	D	Luminosity	Power consumption	Voltage	Frequency	Item no.
42	475	115	700 Lm	14 W	230 V	50 Hz	LTLN1425
42	475	115	700 Lm	14 W	230 V	60 Hz	LTLN1426
43	700	115	1350 Lm	18 W	230 V	50 Hz	LTLN1825
43	700	115	1350 Lm	18 W	230 V	60 Hz	LTLN1826



Light cover for LTLN lights, LTLNC

Description: Polycarbonate cover for additional protection of the lamp in LTLN lights.

Approvals: EAC.

Description	Item no.
For LTLN14xx lights	LTLNC14
For LTLN18xx lights	LTLNC18



Door switch with cable for LTLN lights, LDSW

Description:	Door switch to be installed directly onto LTLN lights. It includes a mounting plate that is placed onto the LTLN light which allows the switch to be positioned at variable depths. A door switch connection cable is also included. No additional products are needed in order to mount the door switch onto the light.
Approvals:	CE, EAC.
Pack quantity:	1 piece, 1 door switch connection cable and mounting accessories.
Switch capacity:	3A / 250V.

Item no.
LDSW01



Power cable for LTLN lights, CLF

Description:	Feed cable with female connector on one end to connect to a LTLN light and an open end for the connection to power.
Length:	3 m.
Approvals:	CE, EAC.
Pack quantity:	5 pieces.

Item no.
CLF3005



Power cable for LTLN lights, CLFO

Description:	Orange feed cable with female connector on one end to connect to a LTLN light and an open end for the connection to power.
Length:	3.5 m.
Approvals:	CE, EAC.
Pack quantity:	5 pieces.

Item no.
CLFO3005



General Accessories

Connecting cable for LTLN lights, LTP

Description: Plug-in connecting cable between LTLN light units.

Approvals: CE, EAC.

Pack quantity: 5 pieces.

Length	Item no.
600 mm	LTP600
1000 mm	LTP1000



Connecting cable for LTLN lights, LTPO

Description: Orange plug-in connecting cable between LTLN light units.

Length: 1 m.

Approvals: CE.

Pack quantity: 5 pieces.

Item no.
LTPO1000



Female connectors for LTLN lights, COF

Approvals: CE, EAC.

Pack quantity: Pack of 5 female connectors for LTLN lights.

Item no.
COF05



Male connectors for LTLN lights, COM

Approvals: CE, EAC.

Pack quantity: Pack of 5 male connectors for LTLN lights.

	Item no.
	COM05



Door switch cable for LTLN lights, DSWC

Description: Door switch connecting cable to be used with LTLN lights. Door switch needs to be ordered separately.

Length: 1 m.

Approvals: CE, EAC.

Pack quantity: 5 pieces.

	Item no.
	DSWC1005



General Accessories

Compact design light, TLC

- Description:** Lighting system with a compact design, suitable for all types of enclosures or racks. It has three possible fixing possibilities: magnetically, screw mounting with a variable distance between holes and/or snap-into 19" rack. It is an electronically operated device and has a service life of 10,000 h. The body of the lighting system is made of PC-ABS. An integrated connector allows the activation of the lamp by a door switch by using the TLCS product without performing any additional wiring. It is provided with a protection cap made of PC and the colour of the light is cold white.
- Lamp type:** Fluorescent lamp T5/G5.
- Luminosity:** 480 Lm.
- Power consumption:** 8 W.
- Operating temperature:** -15 °C to +45 °C.
- Dimensions:** 448 x 54.5 x 26 mm.
- Connections:** 2x0.75 mm² open end cable (1.5 m long), 2x0.75 mm² female mini-connector for door switch use.
- Approvals:** CE, EAC.
- Delivery:** 1 light with fix mounted connection cable, integrated magnets and mounting screws.



Operating voltage	Finish	Operating voltage	Item no.
230 V, 50/60 Hz	Light grey (RAL 7035)	230 V, 50/60 Hz	TLC87035
100-240 V, 50/60 Hz	Light grey (RAL 7035)	100-240 V, 50/60 Hz	TLC87035V
230 V, 50/60 Hz	Black (RAL 9005)	230 V, 50/60 Hz	TLC89005
100-240 V, 50/60 Hz	Black (RAL 9005)	100-240 V, 50/60 Hz	TLC89005V

*"V" version only available on request.
24 V DC version available on request.*

Compact design LED light, TLCL

Description:	Lighting system with a compact design, suitable for all types of enclosures or racks. It has three possible fixing possibilities: magnetically, screw mounting with a variable distance between holes and/or snap-into 19" rack. This lamp has a very long service life (around 50000 h.) due to the use of LED technology. The body of the lighting system is made of PC-ABS. An integrated connector allows the activation of the lamp by a door switch by using the TLCS product without performing any additional wiring. The led-tube is made of PC and the colour of the light is white.
Lamp type:	High Power LEDs.
Luminosity:	945 Lm.
Power consumption:	7.2 W.
Operating temperature:	-20 °C to +50 °C.
Dimensions:	448 x 54.5 x 26 mm.
Connections:	2x0.75 mm ² open end cable (1.5 m long), 2x0.75 mm ² mini-connector for door switch use.
Approvals:	CE, EAC.
Delivery:	1 light with fix mounted connection cable, integrated magnets and mounting screws.

Operating voltage	Finish	Operating voltage	Item no.
220-240 V AC, 50/60 Hz	Light grey (RAL 7035)	220-240 V AC, 50/60 Hz	TLCL87035
24 V DC	Light grey (RAL 7035)	24 V DC	TLCL87035-24
220-240 V AC, 50/60 Hz	Black (RAL 9005)	220-240 V AC, 50/60 Hz	TLCL89005
24 V DC	Black (RAL 9005)	24 V DC	TLCL89005-24



Door switch with cable for TLC / TLCL lights, TLCS

Description:	Door switch made of PC-ABS for the TLC and TLCL lights. Can be mounted on the inside hole pattern of the enclosure's frame in floor standing enclosures by means of a plug-in and play principle. A very slim design is guaranteed due to the integrated micro switch. This leaves a maximum opening space. The switch is supplied with a pre-wired cable. The auto positioning system of the door switch assures that the switch is always in the correct position.
Length:	1.5 m.
Approvals:	CE, EAC.
Pack quantity:	1 piece with mounting accessories.

Description	Item no.
Door switch with cable	TLCS01
Cable for door switch	TLCS600



General Accessories

19" Blind 1U, TLCF

- Description:** Metal sheet to be used with TLC/TLCL lights to fill up one height unit in 19" racks.
- Dimensions:** 485 x 45 x 6 mm.
- Pack quantity:** 1 piece.

Finish	Item no.
Light grey (RAL 7035)	TLCF7035
Black (RAL 9005)	TLCF9005



Small enclosure light, TL

- Description:** Energy saving and cost-effective lightning system to be fixed on its rear side. The body of the light is made of polycarbonate, the end caps of ABS and the protection cap provided is made of PMMA. The power output allows lights to be connected to each other by using the serial cable included or the use of additional appliances, up to a maximum power of 100 W. The colour of the lighting system is white.
- Lamp type:** Fluorescent lamp T5 / G5.
- Operating voltage:** 220-240 V, 50 Hz.
- Operating temperature:** -5 °C to +45 °C.
- Connections:** 2x0.75 mm² connector for power supply, 2x0.75mm² connector for power output.
- Approvals:** CE, EAC.
- Delivery:** 1 light with power cable 1,75 m long, one connecting cable 140 mm long to connect lights to each other, and mounting material.

Luminosity	Power consumption	Dimensions	Item no.
290 Lm	6 W	269 x 43 x 28 mm	TL2001-6
950 Lm	13 W	574 x 43 x 28 mm	TL2001-13



Door switch, DSW

- Description:** Door switch to activate any electrical device (lighting, signalling, alarms, etc.). Can be mounted after installing the enclosure thereby keeping the door opening free. Fixed on the inside hole pattern of the enclosure's frame in floor standing enclosures. Cable entry M20.
- Switch capacity:** 3A / 240V.
- Approvals:** CE, EAC, cULus_UL Listed.
- Pack quantity:** 1 piece with mounting accessories.

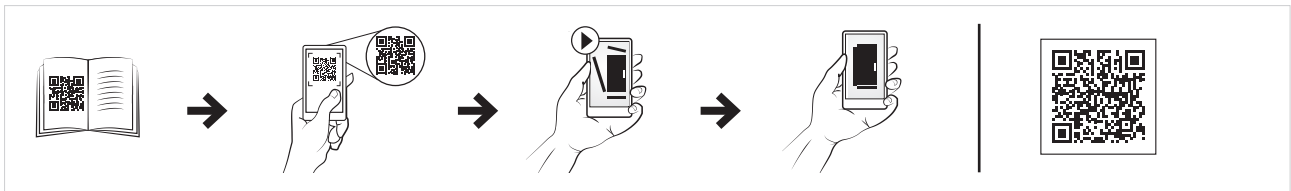
Item no.
DSW01



Door switch, ADSW

- Description:** Door switch to activate any electrical device (lighting, signalling, alarms, etc.) designed for wall mounted enclosures. Cable entry M20. In stainless steel enclosures, machining is required.
- Switch capacity:** 3A / 240V.
- Approvals:** CE, EAC, cULus listed.
- Pack quantity:** 1 piece with mounting accessories.

Item no.
ADSW01



Power socket with integrated fuse, LPS

- Description:** DIN rail mounted electrical socket. Pressure clamp connection for easy and quick wiring.
- Dimensions:** 92 mm x 62 mm x 48 mm.
- Connection:** 3 pressure clamps for stranded and rigid wire 0.5-2.5 mm². Integrated fuse 6,3A 5x20 mm.
- Finish:** Light grey.
- Material:** Plastic UL 94 V-0.
- Pack quantity:** 1 piece.

Socket type	Item no.
Schuko	LPS10
France / Belgium	LPS10FR
Switzerland	LPS10CH
UK / Ireland	LPS10UK
USA / Canada	LPS10USA



General Accessories

DIN rails, PP

Description: According to EN 60715. Hole pattern 18 x 5.2 mm.

Material: Galvanized steel.

Pack quantity: 15x2 m.

Description	Dim	Type	Item no.
With holes	5 x 15	Omega	PP0515H
Without holes	7.5 x 35	Omega	PP0735
With holes	7.5 x 35	Omega	PP0735H
Without holes	15 x 32	G	PP1532
With holes	15 x 32	G	PP1532H
Without holes	15 x 35	Omega	PP1535
With holes	15 x 35	Omega	PP1535H



Support bracket, DRS

Description: Mounting brackets to install earthing strips and rails.

Material: Zinc plated steel.

Pack quantity: 20 pieces.

Type	Item no.
Flat	DRS20F
Inclined	DRS20I



Mounting rails, CP

Description: Installation profile with and without 25 mm hole pattern. Add GLM sliding nuts for easy installation of components.

Material: Galvanized steel.

Pack quantity: 10 x 2 m.

Description	Dim	Item no.
With holes	10 x 20	CP1020
Without holes	10 x 20	CP1020U
With holes	20 x 20	CP2020
Without holes	20 x 20	CP2020U
With holes	20 x 40	CP2040
Without holes	20 x 40	CP2040U



Sliding nuts for mounting rails, GLM

Description: Sliding nuts to be used with CP mounting rails and CLPF mounting profiles for easy installation of components.

Material: Zinc plated steel.

Pack quantity: 50 pieces.

Thread	To be used with	Item no.
M6	CP1020, CP1020U, CP2020, CP2020U	GLM20-6P
M8	CP1020, CP1020U, CP2020, CP2020U	GLM20-8P
M6	CP2040, CP2040U, CLPF profiles	GLM40-6P
M8	CP2040, CP2040U, CLPF profiles	GLM40-8P



Extrude-tite screws, CNT

Description: Torx extrude-tite screws for fitting accessories, click in profiles, earthing etc.

Pack quantity: 250 pieces.

Thread	Item no.
M5	CNT05
M6	CNT06



Screws for clip-on cage nuts, CNS

Description: Socket head screws M6x12 and M8x12 for clip-on cage nuts.

Pack quantity: 250 pieces.

Thread	Item no.
M6	CNS612
M8	CNS812

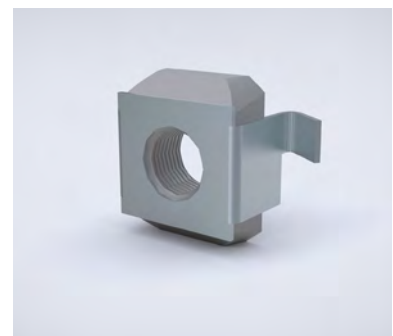


Cage nuts, CNM

Description: Cage nuts designed for universal use on the enclosure frame profiles and the profiles system.

Pack quantity: 50 pieces.

Thread	Item no.
M6	CNM615
M8	CNM815



General Accessories

Paint can, BFP

Description: Air drying paint, for repairs and touch-up of powder coated or wet painted surfaces.

Pack quantity: 1 spray can of 400 ml.

Colour	RAL Colour	Item no.
Black	RAL 7022	BFP7022
Mid grey	RAL 7030	BFP7030
Pebble grey	RAL 7032	BFP7032
Light grey	RAL 7035	BFP7035



Cleaner for stainless steel, SSC

Description: A special in-depth cleaner for stainless steel.

Pack quantity: 1 bottle of stainless steel cleaner of 250 ml, 1 bottle of surface protector, 1 sponge.

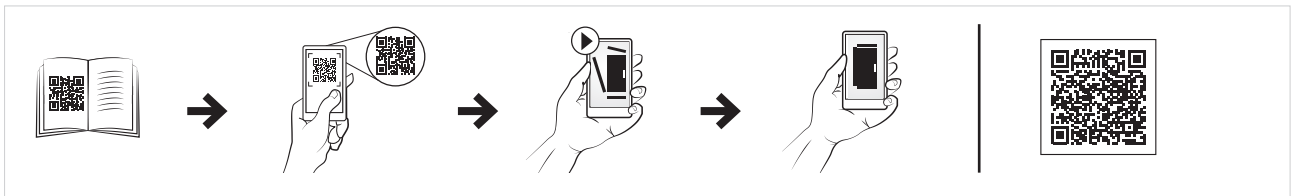
Item no.
SSC01



Earthing cables, ECFA

- Description:** For earthing between metallic parts.
- Material:** 6 mm² copper wire (yellow-green).
- Pack quantity:** 10 pieces.
- Mounting requirement:** Add connection set ECF for fixing cable to painted frame.

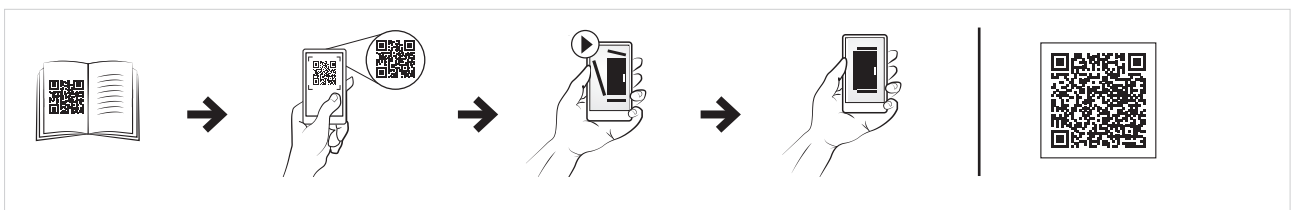
Length	Connection size	Item no.
220 mm	M6 / M8	ECFA220
300 mm	M8 / M8	ECFA300



Earthing strap, ECFE

- Description:** For earthing and potential compensation between panels, parts and the enclosure's frame.
- Length:** 300 mm.
- Material:** Tinned electrolytic copper 0.15 mm wire.
- Working temperature:** Up to 105°C.
- Pack quantity:** 10 pieces.
- Mounting requirement:** Add ECF connection set for fixing strap to painted frame.

Cross sectional area	Holes diam.	Current (A)	Item no.
16 mm ²	8.5	120 A	ECFE1630
25 mm ²	10.5	150 A	ECFE2530



General Accessories

Earthing connection for panels, ECP

Description: Earthing connection for fixing the earthing straps and cables to panels, mounting plates or profiles.

Pack quantity: 10 sets.

Size	Item no.
M6	ECP06
M8	ECP08



Earthing connections for frames, ECF

Description: Earthing connections for fixing the earthing straps and cables to the enclosure's frame.

Pack quantity: 10 sets.

Size	Item no.
M6	ECF06
M8	ECF08



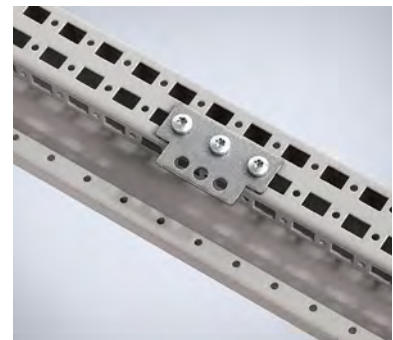
Central earthing point, ECFP

Description: Provides earthing contact surface on horizontal or vertical frame profiles. For a secure earthing point with multiple connections. Tested for max 40 kA (70 ms).

Material: Galvanized steel.

Pack quantity: 5 central earthing points with mounting accessories. M8 earthing kit included for the three holes.

Item no.
ECFP08



Document pocket, DRA

Description:	Self adhesive, for DIN A4.
Usable depth:	30 mm.
Material:	Thermoplastic.
Finish:	RAL 7035.
Pack quantity:	1 document pocket with double sided tape.

Item no.
DRA04



19" friction slides, L.....	153
19" front frame cover, FFC.....	152
19" front panel, PAC.....	155
19" front panel TLC fixation, TLCF.....	672
19" front panel, ventilated, PACV.....	156
19" keyboard drawer, DKB.....	155
19" mounting profiles brackets, asymmetric fixing, floor standing, CID.....	150
19" mounting profiles brackets, consoles, DNB.....	516
19" mounting profiles brackets, consoles, DND.....	516
19" mounting profiles brackets, floor standing, CIWR.....	151
19" mounting profiles brackets, partial height, floor standing, CIC.....	151
19" mounting profiles, consoles, DNN.....	516
19" mounting profiles, floor standing, CIB.....	150
19" mounting profiles, floor standing, CIP.....	149
19" mounting profiles, floor standing, CIPD.....	150
19" mounting profiles, partial height, floor standing, CIPP.....	151
19" mounting profiles, wall mounted, AVP.....	327
19" patch panel, PAP.....	156
19" plastic washers, PW.....	152
19" power distribution box, PWB.....	155
19", power distribution unit, HPDS.....	156
19" ventilation module, with thermostat, UVT.....	157

A

ACA/ACB, Door, aluminium, panel.....	337
AC, Modular chassis, wall mounted.....	326
ADA/ADAB, Door, transparent, aluminium, wall mounted.....	190
ADA/ADAB, Door, transparent, aluminium, wall mounted.....	336
ADA, Display aluminium panel.....	190
ADAMK/ADABMK, Viewing window, mounting kit.....	190
ADAMK/ADABMK, Viewing window, mounting kit.....	336
ADC, Door, transparent safety glass, mild steel, wall mounted.....	334
ADCS, Door, transparent safety glass, stainless steel, wall mounted.....	335
ADI, Inner door, mild steel, wall mounted.....	338
ADIS, Inner door, stainless steel, wall mounted.....	339
ADO, Door stop, wall mounted.....	342
ADR, Enclosure, wall mounted, stainless steel, double door.....	310
ADSW, Door switch, wall mounted.....	343
ADSW, Door switch, wall mounted.....	673
ADT, Door, transparent acrylic glass, mild steel, wall mounted.....	333
AFA, Gland plate, adapter FL13 or FL21, wall mounted.....	350
AFG, Gland plate, ventilated with fly-net, wall mounted.....	349
AF, Gland plate, plain, wall mounted.....	348
AFK, Gland plate, with knock-outs, wall mounted.....	351
AFR, Gland plate, ventilated, wall mounted.....	349
AFS, Enclosure, wall mounted, sloping roof, stainless steel, single door.....	314
AFV, Gland plate, ventilated with filter, wall mounted.....	349
AGC, Baying gasket, wall mounted.....	346
AG, Gland plate, gasket, wall mounted.....	348

Air ventilation device, polyester wall mounted UCP/UCPT, UPVD.....	375
Air ventilation device, polyester wall mounted UDP/UDPT, UAV.....	394
ALI, Lock, inserts, polyamide, wall mounted.....	529
ALIS, Lock, inserts, chrome plated, wall mounted.....	339
AL, Lifting, eye bolts, wall mounted.....	347
ALL, Lock, wall mounted.....	340
ALL, Lock, wall mounted.....	529
ALLS, Lock, stainless steel, wall mounted.....	340
ALT, Lock, handle, wall mounted.....	341
AMG, Mounting plate, depth adjustment, wall mounted.....	325
AMI, Mounting plate, bakelite, wall mounted.....	323
AMP, Mounting plate, galvanized steel, wall mounted.....	322
AMTE, Spacer bolts.....	325
AMTE, Spacer bolts.....	426
AMT, Mounting plate, telequick, galvanized steel, wall mounted.....	324
ARF, Rainhood, mild steel, wall mounted.....	356
ASR, Enclosure, wall mounted, stainless steel, single door.....	302
ASST, Rainhood, stainless steel, wall mounted.....	357
AVB, Mounting profiles, vertical, wall mounted.....	327
AVP, 19" mounting profiles, wall mounted.....	327
AWhD, Wall mounting brackets, hygienic design, wall mounted.....	404
AWS, Wall mounting brackets, stainless steel, wall mounted.....	330
AWS, Wall mounting brackets, stainless steel, wall mounted.....	428
AW, Wall mounting brackets, zinc plated steel, wall mounted.....	330
AW, Wall mounting brackets, zinc plated steel, wall mounted.....	428

B

Base, mild steel, wall mounted, PFF.....	332
Baying brackets, external, floor standing, CCE.....	218
Baying brackets, external, short, floor standing, CCEH.....	219
Baying brackets, internal corner, floor standing, CCM.....	218
Baying brackets, internal, floor standing, CCI.....	217
Baying gasket, wall mounted, AGC.....	346
Baying kit, corner, floor standing, CJDS.....	220
Baying kit, depth, floor standing, CJDN.....	219
Baying kit, depth, polyester wall mounted UDP/UDPT, UDE.....	392
Baying kit, wall mounted, CK01.....	346
BDP, Cover plate, mild steel, consoles MPC.....	519
BDPS, Cover plate, stainless steel, consoles MPCs.....	519
BDR, DIN rail, STB/SSTB terminal boxes.....	427
BFP, Paint can.....	676
BGE, Gland plate, EMC gasket, floor standing.....	269
BG, Gland plate, foam, floor standing.....	226
BMP, Mounting plate, galvanized steel, terminal box STB/SSTB.....	426
BMP, Mounting plate, galvanized steel, terminal box STB/SSTB.....	528
Bottom plate, aluminium, floor standing, CBPA.....	257
Bottom plate, EMC, floor standing, CBPE.....	269
Bottom plate, split, stainless steel, floor standing, CBPS.....	228
Bottom plate, ventilated, EMC, floor standing, CVB EMC.....	269
Bottom plate, ventilated, floor standing, CVB.....	225
BPA, Vortex, air distribution kit.....	584

BPF, Vortex, side mounting kit	585
BPP, Mounting profiles, STB/SSTB terminal boxes	427
BPP, Mounting profiles, STB/SSTB terminal boxes	528
BPS, Vortex, silencer	585
BPT, Vortex, thermostat kit	584
BP, Vortex cooler	578
Bracket, for operating control panels OICP connection, OIKS	535

C

CAB, Cable entry, fixing bars, inside, floor standing	226
Cable conduit, CON	188
Cable conduit holder, CONH	189
Cable conduit, UL, CONU	188
Cable entry, clamps, floor standing, CAC	227
Cable entry, fixing bars, inside, floor standing, CAB	226
Cable entry, fixing bars, outside, floor standing, CABP	227
Cable, for doorswitch, for LTLN lights, DSWC	669
Cable gland, anchorage, CAG	353
Cable gland, anchorage, CAG	645
Cable gland, double protection, CED	352
Cable gland, double protection, CED	644
Cable gland, hygienic design, CGHD	404
Cable gland, plastic, CPG	351
Cable gland, plastic, CPG	642
Cable gland plate, CEP	648
Cable gland plate, FL21 plastic, EHTC	350
Cable gland plate, FL21 plastic, EHTC	652
Cable gland plate, for connected cables, CCF	650
Cable gland plate, grommets for CCF gland plates, CCG	651
Cable gland plate, round , CEPR	649
Cable gland, simple protection, CES	352
Cable gland, simple protection, CES	643
Cable, interconnection, LTLN lights, LTP	668
Cable, interconnection, LTSL lights, LTP L	665
Cable orange, interconnection, LTLN lights, LTPO	668
Cable orange, power, LTLN lights, CLFO	667
Cable, power, LTLN lights, CLF	667
Cable, power, LTSL lights, CLF L	664
Cable tray, clamps, floor standing, CTC	158
Cable tray, floor standing, CTN	158
Cable tray, reinforced, floor standing, DCT	158
CABP, Cable entry, fixing bars, outside, floor standing	227
CAC, Cable entry, clamps, floor standing	227
CAG, Cable gland, anchorage	353
CAG, Cable gland, anchorage	645
Cage nuts, CN	153
Cage nuts, CNM	122
Cage nuts, CNM	675
Cage nuts, insertion tool, CIT	153
CAK, Profile brackets, EKS/EKD compact floor standing	120
Casters, floor standing, LCR	174
CB, Mounting profiles, carrier bars, floor standing	124
CBPA, Bottom plate, aluminium, floor standing	257
CBPE, Bottom plate, EMC, floor standing	269
CBPS, Bottom plate, split, stainless steel, floor standing	228
CBPZ, Mounting plate, galvanized steel, console base	515
CBU, Mounting profiles, carrier bars, heavy duty, floor standing	124
CCBS, Wall fixing brackets, stainless steel, floor standing	174
CCB, Wall fixing brackets, floor standing	174
CCE, Baying brackets, external, floor standing	218
CCEH, Baying brackets, external, short, floor standing	219
CCF, Cable gland plate, for connected cables	650
CCG, Cable gland plate, grommets for CCF gland plates	651
CCI, Baying brackets, internal, floor standing	217
CCJ, Separation plate, fixation brackets	221
CCJ, Separation plate, fixation brackets	267
CCM, Baying brackets, internal corner, floor standing	218
CDHK, Partial doors system, horizontal divider for MKS, floor standing	208
CDH, Partial doors system, horizontal divider, floor standing	208
CDPZ, Mounting plate, galvanized steel, console desk/top	515
CDV, Partial doors system, vertical divider, floor standing	208
CED, Cable gland, double protection	352
CED, Cable gland, double protection	644
CEP, Cable gland plate	648
CEPR, Cable gland plate, round	649
CES, Cable gland, simple protection	352
CES, Cable gland, simple protection	643
CFR, Roof, for fans, floor standing	223
CGHD, Cable gland, hygienic design	404
CHS, Screws, phillips	152
CIB, 19" mounting profiles, floor standing	150
CIC, 19" mounting profiles brackets, partial height, floor standing	151
CID, 19" mounting profiles brackets, asymmetric fixing, floor standing	150
CIP, 19" mounting profiles, floor standing	149
CIPD, 19" mounting profiles, floor standing	150
CIPP, 19" mounting profiles, partial height, floor standing	151
CIT, Cage nuts, insertion tool	153
CIWR, 19" mounting profiles brackets, floor standing	151
CJDN, Baying kit, depth, floor standing	219
CJDS, Baying kit, corner, floor standing	220
CK01, Baying kit, wall mounted	346
Cleaner for stainless steel, SSC	676
CLF, Cable, power, LTLN lights	667
CLF L, Cable, power, LTSL lights	664
CLFO, Cable orange, power, LTLN lights	667
CLPF, Mounting profiles, floor standing	119
CLPK, Mounting profiles, click-in, floor standing	118
CLS, Mounting profiles, lutze system, floor standing	124
CMB, Mounting profiles, side, floor standing	122
CN, Cage nuts	153
CNM, Cage nuts	122

CNM, Cage nuts.....	675
CNS, Screws, clip-on cage nuts.....	123
CNS, Screws, clip-on cage nuts.....	675
CNT, Screws, extrude-tite.....	123
CNT, Screws, extrude-tite.....	675
CNTS, Screws, extrude-tite, stainless steel.....	123
COF, Connector, female, LTLN lights.....	668
COF L, Connector, female, LTSL lights.....	665
Combining gasket, polyester wall mounted UDP/UDPT, UCK.....	392
Combining profile, polyester wall mounted UDP/UDPT, UCP.....	392
COM, Connector, male, LTLN lights.....	669
COM L, Connector, male, LTSL lights.....	665
CON, Cable conduit.....	188
CONH, Cable conduit holder.....	189
Connector, female, LTLN lights, COF.....	668
Connector, female, LTSL lights, COF L.....	665
Connector, male, LTLN lights, COM.....	669
Connector, male, LTSL lights, COM L.....	665
Console, compact, mild steel, MPG.....	488
Console, compact, stainless steel, MPGS.....	502
Console, modular system, mild steel, MPC.....	492
Console, modular system, stainless steel, MPCS.....	506
CONU, Cable conduit, UL.....	188
Cooling unit, indoor, roof, CUH.....	564
Cooling unit, outdoor, vertical, CUON.....	570
Cooling unit, indoor, vertical, CUVN.....	556
Cover plate, mild steel, consoles MPC, BDP.....	519
Cover plate, stainless steel, consoles MPC desk section, MPLS.....	520
Cover plate, stainless steel, consoles MPCS, BDPS.....	519
Cover plate, stainless steel, consoles MPC top section, MPPS.....	520
Cover plugs, terminal boxes OABP/OPCP, OCP.....	460
Cover plugs, terminal boxes OABP/OPCP, OCP.....	474
Cover plugs, terminal boxes SABP/SPCP, SCP.....	454
CPG, Cable gland, plastic.....	351
CPG, Cable gland, plastic.....	642
CP, Mounting rails.....	674
CRB, Roof, ventilated with cable openings, floor standing.....	229
CRG, Roof, with cable openings, floor standing.....	228
CTC, Cable tray, clamps, floor standing.....	158
CTN, Cable tray, floor standing.....	158
CUH, Cooling unit, indoor, roof.....	564
CUON, Cooling unit, outdoor, vertical.....	570
CUVN, Cooling unit, indoor, vertical.....	556
CVB, Bottom plate, ventilated, floor standing.....	225
CVB EMC, Bottom plate, ventilated, EMC, floor standing.....	269
CVK, Roof, spacer kit, floor standing.....	225
CVRE, Roof, ventilated, EMC, floor standing.....	267
CVR, Roof, ventilated, floor standing.....	223

D

DABP, Terminal box, ABS.....	444
DCP, Door, horizontal profiles, floor standing.....	188
DCT, Cable tray, reinforced, floor standing.....	158
DDK, Door drawing desk, floor standing.....	187
Depth interior profile, DIP.....	326
DFC, Roof, closing plate for fan opening, floor standing.....	224
DFL, Wall mounting brackets, DABP/DPCP terminal boxes.....	447
DFL, Wall mounting brackets, DABP/DPCP terminal boxes.....	467
DFN61, Roof, fan kit, floor standing.....	224
DFN, Roof, fan, floor standing.....	224
DHP, Door, horizontal profiles, wall mounted.....	183
DHP, Door, horizontal profiles, wall mounted.....	344
DI, Inner door, mild steel, floor standing.....	184
DIN-base adaptor frame, polyester wall mounted UDP/UDPT, UAF....	389
DIN-base, polyester wall mounted UDP/UDPT, UMPS.....	389
DIN rail, DR.....	447
DIN rail, DR.....	467
DIN rail, DR2.....	453
DIN rail, DR3.....	459
DIN rail, DR3.....	473
DIN rail mounting brackets, DRS.....	674
DIN rail, PP.....	674
DIN rail, STB/SSTB terminal boxes, BDR.....	427
DIP, Depth interior profile.....	326
Display aluminium panel, ADA.....	190
DKB, 19" keyboard drawer.....	155
DMP, Mounting plate, galvanized steel, terminal box DABP/DPCP.....	447
DMP, Mounting plate, galvanized steel, terminal box DABP/DPCP.....	467
DNB, 19" mounting profiles brackets, consoles.....	516
DND, 19" mounting profiles brackets, consoles.....	516
DN, Door, plain, mild steel, floor standing.....	180
DNG, Door, transparent safety glass, mild steel, floor standing.....	182
DNGE, Door, transparent, EMC, floor standing.....	266
DNGS, Door, transparent safety glass, stainless steel, floor standing.....	182
DNMK, Door, mounting kit, mild steel.....	183
DNMKS, Door, mounting kit, stainless steel.....	183
DNN, 19" mounting profiles, consoles.....	516
DNS, Door, side, mild steel, floor standing.....	184
DNSR, Door, raised side, mild steel, floor standing.....	229
DNSS, Door, plain, stainless steel, floor standing.....	181
Door, aluminium, panel, ACA/ACB.....	337
Door, cable space, mild steel, floor standing, DPA.....	212
Door, document pocket, mild steel, floor standing, DRB.....	187
Door, document pocket, plastic, DRA.....	187
Door, document pocket, plastic, DRA.....	343
Door, document pocket, plastic, DRA.....	679
Door drawing desk, floor standing, DDK.....	187
Door, horizontal profiles, floor standing, DCP.....	188
Door, horizontal profiles, wall mounted, DHP.....	183

Door, horizontal profiles, wall mounted, DHP	344	DSHI, Hinges, for DABP/DPCP terminal boxes	454
Door, mounting kit, mild steel, DNMK	183	DSHI, Hinges, for DABP/DPCP terminal boxes	468
Door, mounting kit, stainless steel, DNMKs	183	DSTP, Door stop, floor standing.....	186
Door, partial, monitor, mild steel, floor standing, DPM.....	213	DSWC, Cable, for doorswitch, for LTLN lights.....	669
Door, plain, mild steel, floor standing, DN	180	DSW, Door switch, floor standing	189
Door, plain, stainless steel, floor standing, DNSS.....	181	DSW, Door switch, floor standing	672
Door, raised side, mild steel, floor standing, DNSR	229	DW, Door, wheels, floor standing.....	186
Door, side, mild steel, floor standing, DNS	184	DWP, Drain plug	626
Door stop, floor standing, DSTP	186	E	
Door stop, UDP/UDPT, UDS.....	391	Earthing, cables, ECFA	233
Door stop, wall mounted, ADO	342	Earthing, cables, ECFA	354
Door, supports, floor standing, DPSL	186	Earthing, cables, ECFA	677
Door switch, floor standing, DSW	189	Earthing, central points, ECFP	234
Door switch, floor standing, DSW	672	Earthing, central points, ECFP	678
Door switch, wall mounted, ADSW	343	Earthing, frame connections, ECF.....	234
Door switch, wall mounted, ADSW	673	Earthing, frame connections, ECF.....	678
Door switch, with cable, for LTLN ligths, LDSW	667	Earthing, panel connections, ECP.....	234
Door switch, with cable, for TLC/TLCL ligths, TLCS.....	671	Earthing, panel connections, ECP.....	355
Door, transparent acrylic glass, mild steel, wall mounted, ADT.....	333	Earthing, panel connections, ECP.....	678
Door, transparent, aluminium, wall mounted, ADA/ADAB.....	190	Earthing, panel connections, ECP.....	678
Door, transparent, aluminium, wall mounted, ADA/ADAB.....	336	Earthing, straps, ECFE.....	233
Door, transparent, EMC, floor standing, DNGE	266	Earthing, straps, ECFE.....	354
Door, transparent safety glass, mild steel, floor standing, DNG	182	Earthing, straps, ECFE.....	677
Door, transparent safety glass, mild steel, wall mounted, ADC.....	334	ECFA, Earthing, cables.....	233
Door, transparent safety glass, stainless steel, floor standing, DNGS ..	182	ECFA, Earthing, cables.....	354
Door, transparent safety glass, stainless steel, wall mounted, ADCS..	335	ECFA, Earthing, cables.....	677
Door, vertical profiles, wall mounted, MMDP	344	ECF, Earthing, frame connections.....	234
Door, vertical profiles, wall mounted, MMDP	529	ECF, Earthing, frame connections.....	678
Door, wheels, floor standing, DW.....	186	ECFE, Earthing, straps.....	233
DPA, Door, cable space, mild steel, floor standing	212	ECFE, Earthing, straps.....	354
DPB, Partial doors system, vertical panel, floor standing.....	212	ECFE, Earthing, straps.....	677
DPC, Partial doors system, top and bottom panels, floor standing.....	209	ECFP, Earthing, central points.....	234
DPCP, Terminal box, polycarbonate.....	464	ECFP, Earthing, central points.....	678
DPCV, Partial doors system, ventilated top and bottom panels, floor standing.....	209	ECH(T), Heater, compact, with/without thermostat	620
DPK, Keyboard hinged tray	213	ECOM, Enclosure, floor standing, aluminium, double wall, combinable	248
DPM, Door, partial, monitor, mild steel, floor standing.....	213	ECP, Earthing, panel connections	234
DP, Partial doors system, partial door, floor standing.....	210	ECP, Earthing, panel connections	355
DPP, Partial doors system, panel, floor standing	211	ECP, Earthing, panel connections	678
DPSL, Door, supports, floor standing	186	ECR, Heater, with fan, with thermostat	623
DR2, DIN rail.....	453	EDA, Pressure compensation plug, plastic, goretex	624
DR3, DIN rail.....	459	EDAS, Pressure compensation plug, stainless steel, goretex	625
DR3, DIN rail.....	473	EFAE, Exhaust filter, EMC	268
DRA, Door, document pocket, plastic.....	187	EFAE, Exhaust filter, EMC	413
DRA, Door, document pocket, plastic.....	343	EFA, Exhaust filter, indoor	600
DRA, Door, document pocket, plastic.....	679	EFAP, Exhaust filter, outdoor	601
Drain plug, DWP.....	626	EFCS, Filter fan or exhaust filter cover.....	235
DRB, Door, document pocket, mild steel, floor standing.....	187	EFE, Filter fan, EMC.....	268
DR, DIN rail.....	447	EFE, Filter fan, EMC.....	413
DR, DIN rail.....	467	EF, Filter fan, indoor, Filter fan, indoor, EF.....	596
DRS, DIN rail mounting brackets.....	674	EFM, Filter mat, indoor	600
DSHI, Hinges, for DABP/DPCP terminal boxes	448		

EFMP, Filter mat, outdoor	601	ESFC, Swing frame 19", floor standing.....	138
EFP, Filter fan, outdoor, Filter fan, outdoor, EFP	598	ESFH, Swing frame 19", 180° hinges, floor standing	146
EFR, Thermostat, fixed regulation	630	ESFM, Swing frame 19", middle mounted, floor standing	140
EGK, Heater, small	618	ESFS, Swing frame 19", side mounted, floor standing.....	142
EGL, Heater, with fan.....	621	ETF200, Hygrostat	634
EHG, Heater	619	ETF300, Hygrostat and thermostat, electronic	635
EHTC, Cable gland plate, FL21 plastic.....	350	ETR200, Thermostat, changeover contact.....	632
EHTC, Cable gland plate, FL21 plastic.....	652	ETR203, Thermostat, dual.....	633
EHV, Heater, with fan	622	ETR, Thermostat	631
EKDS, Enclosure, floor standing, stainless steel, compact, double door.....	90	Exhaust filter, EMC, EFAE	268
EKOM, Enclosure, floor standing, double wall, aluminum, compact ...	240	Exhaust filter, EMC, EFAE	413
EKOM-SW, Enclosure, floor standing, single wall, aluminum, compact.....	244	Exhaust filter, indoor, EFA	600
EKSS, Enclosure, floor standing, stainless steel, compact, single door.....	84	Exhaust filter, outdoor, EFAP.....	601
Enclosure, floor standing, 19", mild steel, combinable, MCI.....	44	Extension section, for operating control panel OICP, OIDES.....	534
Enclosure, floor standing, aluminium, double wall, combinable, ECOM	248	F	
Enclosure, floor standing, double wall, aluminum, compact, EKOM.....	240	FFC, 19" front frame cover.....	152
Enclosure, floor standing, EMC, combinable, single door, MCSE.....	262	Filter fan, EMC, EFE.....	268
Enclosure, floor standing, interlocking, mild steel, combinable, MCF	40	Filter fan, EMC, EFE.....	413
Enclosure, floor standing, mild steel, combinable, double door, MCD.....	30	Filter fan or exhaust filter cover, EFCS.....	235
Enclosure, floor standing, mild steel, combinable, single door, MCS	18	Filter mat, indoor, EFM.....	600
Enclosure, floor standing, mild steel, compact, double door, MKD.....	60	Filter mat, outdoor, EFMP	601
Enclosure, floor standing, mild steel, compact, single door, MKS.....	50	FMA, Interlocking system, actuator, floor standing	205
Enclosure, floor standing, PC, mild steel, combinable, MCM	482	FMB, Interlocking system, interlock bar, floor standing.....	205
Enclosure, floor standing, single wall, aluminum, compact, EKOM-SW	244	FMD, Interlocking kit, main door, floor standing.....	204
Enclosure, floor standing, stainless steel, combinable, double door, MCDS.....	76	FMS, Interlocking kit, slave door, floor standing	205
Enclosure, floor standing, stainless steel, combinable, single door, MCSS.....	70	Frame extension, bottom, floor standing, PCU.....	232
Enclosure, floor standing, stainless steel, compact, double door, EKDS.....	90	Frame extension, bottom, side panels, floor standing, PCUP	232
Enclosure, floor standing, stainless steel, compact, single door, EKSS.....	84	Frame extension, top, floor standing, MCU	231
Enclosure, wall mounted, EMC, single door, MASE	410	Frame extension, top, side panels, floor standing, MCUP	231
Enclosure, wall mounted, HD, stainless steel, single door, HDW	400	Front plate, for operating control panel OICP, OIFP	534
Enclosure, wall mounted, mild steel, double door, MAD	286	Front plate, for operating control panel OICP, OIPC	535
Enclosure, wall mounted, mild steel, panel, MAP	292	GCPZ, Mounting plate, galvanized steel, console MPG/MPGS	514
Enclosure, wall mounted, mild steel, single door, MAS.....	276	Gland plate, adapter FL13 or FL21, wall mounted, AFA	350
Enclosure, wall mounted, polyester, compact, UCP/UCPT	362	Gland plate, EMC gasket, floor standing, BGE.....	269
Enclosure, wall mounted, polyester, modular, UDP/UDPT.....	378	Gland plate, foam, floor standing, BG	226
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Enclosure, wall mounted, stainless steel, double door, ADR.....	310	Gland plate, plain, wall mounted, AF.....	348
Enclosure, wall mounted, stainless steel, single door, ASR	302	Gland plate, section profile for cable entry, floor standing, SCE	226
EPF, Pole fixation, wall mounted	330	Gland plate, ventilated, wall mounted, AFR.....	349
EPF, Pole fixation, wall mounted	373	Gland plate, ventilated with filter, wall mounted, AFV.....	349
EPF, Pole fixation, wall mounted	388	Gland plate, ventilated with fly-net, wall mounted, AFG.....	349
EPF, Pole fixation, wall mounted	428	Gland plate, with knock-outs, wall mounted, AFK.....	351
ESFB, Swing frame 19", transversal support bars, floor standing	146	GLM, Nuts, sliding	120
		GLM, Nuts, sliding	675
		GMP, Mounting plate, galvanized steel, terminal box MGRP	440

H

HALP, Terminal box, Aluminum	432
Handle, for operating control panel OICP, OICH.....	535
HDW, Enclosure, wall mounted, HD, stainless steel, single door	400
Heater, compact, with/without thermostat, ECH(T)	620
Heater, EHG	619
Heater, small, EGK	618
Heater, with fan, EGL.....	621
Heater, with fan, EHV.....	622
Heater, with fan, with thermostat, ECR	623
HHL, Hinges, for aluminum terminal boxes HALP	434
HHL, Hinges, for aluminum terminal boxes HALP	440
Hinges, 180° opening, stainless steel, wall mounted, MMHS	342
Hinges, 180° opening, wall mounted, MMH	342
Hinges, for aluminum terminal boxes HALP, HHL	434
Hinges, for aluminum terminal boxes HALP, HHL	440
Hinges, for DABP/DPCP terminal boxes, DSHI	448
Hinges, for DABP/DPCP terminal boxes, DSHI	454
Hinges, for DABP/DPCP terminal boxes, DSHI	468
Hinges, for front panel, polyester wall mounted, UHS	372
Hinges, for OABP/OPCP terminal boxes, OHI.....	460
Hinges, for OABP/OPCP terminal boxes, OHI.....	474
Hinges, for STB terminal boxes, STBH.....	429
Hinges, stainless steel, for SSTB terminal boxes, SSTBH.....	429
HMP, Mounting plate, galvanized steel, terminal box HALP	434
HN, Shelf, handle, floor standing.....	160
HPDS, 19", power distribution unit.....	156
HP, Mounting vertical profiles, floor standing.....	122
HT, Vortex cooler, high temperature.....	582
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Hygrostat, ETF200	634

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Inner door, mild steel, wall mounted, ADI	338
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Inner door, stainless steel, wall mounted, ADIS	339
Interlocking kit, main door, floor standing, FMD	204
Interlocking kit, slave door, floor standing, FMS	205
Interlocking system, actuator, floor standing, FMA	205
Interlocking system, interlock bar, floor standing, FMB.....	205

K

Keyboard hinged tray, DPK	213
Keyboard hinged tray, floor standing, UKT.....	189
Key, LSK	204
Key, LSK	341

L

L, 19" friction slides	153
LC, Lifting, for bayed enclosures, floor standing.....	222
LCR, Casters, floor standing.....	174
LDSW, Door switch, with cable, for LTLN ligths.....	667
LE, Lifting, eye bolts, floor standing	221
Leveling feet, floor standing, LF	173
Leveling feet, hygienic design, LFHD.....	404
LFHD, Leveling feet, hygienic design.....	404
LF, Leveling feet, floor standing.....	173
LHC, Lock, inserts and cylinders for LLH, floor standing	203
Lifting, eye bolts, floor standing, LE	221
Lifting, eye bolts for extension frame, floor standing, MCUK.....	222
Lifting, eye bolts, wall mounted, AL.....	347
Lifting, for bayed enclosures, floor standing, LC.....	222
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Light LTS, LTS	662
Light LTSM, LED, movement sensor, LTSM	663
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Light TLC, LED, compact, TLCL	671
Light TL, TL.....	672
LI, Lock, inserts, floor standing	202
LLH, Lock, lift handle, floor standing.....	202
LLTH, Lock, T-handle, floor standing.....	203
Lock, handle, wall mounted, ALT	341
Lock, inserts and cylinders for LLH, floor standing, LHC.....	203
Lock, inserts and cylinders, polyester wall mounted, LSSU.....	391
Lock, inserts, chrome plated, wall mounted, ALIS.....	339
Lock, inserts, floor standing, LI.....	202
Lock, inserts, polyamide, wall mounted, ALI	529
Lock, lift handle, floor standing, LLH.....	202
Lock, padlocking cover, wall mounted, PLC	340
Lock, stainless steel, wall mounted, ALLS.....	340
Lock, swing handle, polyester wall mounted, UDH.....	374
Lock, swing handle, polyester wall mounted, UDH.....	390
Lock, T-handle, floor standing, LLTH.....	203
Lock, wall mounted, ALL	340
Lock, wall mounted, ALL	529
LPS, Socket with integrated fuse.....	673
LSK, Key	204
LSK, Key	341
LSMK, Multi key	204
LSMK, Multi key	341
LSSU, Lock, inserts and cylinders, polyester wall mounted.....	391
LTLNC, Protection cover, for LTLN lights.....	666
LTLN, Light LTLN.....	666
LTP, Cable, interconnection, LTLN lights	668
LTP L, Cable, interconnection, LTSL lights	665
LTPO, Cable orange, interconnection, LTLN lights.....	668

LTS, Light LTS	662
LTSL, Light LTSL, LED	664
LTSM, Light LTSM, LED, movement sensor	663

M

MAD, Enclosure, wall mounted, mild steel, double door	286	Mounting plate, brackets, depth adjustment, terminal box OABP/OPCP, OEL	459
MAP, Enclosure, wall mounted, mild steel, panel	292	Mounting plate, brackets, depth adjustment, terminal box OABP/OPCP, OEL	473
Marshalling panel, cover plate, floor standing, MMG	230	Mounting plate, brackets, floor standing, MPE	108
Marshalling panel, floor standing, MM	230	Mounting plate, brackets, flush fixing, floor standing, MPEF	109
MASE, Enclosure, wall mounted, EMC, single door	410	Mounting plate, brackets, rear fixing, floor standing, MPA	103
MAS, Enclosure, wall mounted, mild steel, single door	276	Mounting plate, brackets, rear fixing, floor standing, MPA	103
MCD, Enclosure, floor standing, mild steel, combinable, double door ..	30	Mounting plate, depth adjustment, wall mounted, AMG	325
MCDS, Enclosure, floor standing, stainless steel, combinable, double door	76	Mounting plate, filler, floor standing, MPF	105
MCF, Enclosure, floor standing, interlocking, mild steel, combinable	40	Mounting plate, filler, floor standing, MPF	105
MCI, Enclosure, floor standing, 19", mild steel, combinable	44	Mounting plate, galvanized steel, console base, CBPZ	515
MCM, Enclosure, floor standing, PC, mild steel, combinable	482	Mounting plate, galvanized steel, console desk/top, CDPZ	515
MCSE, Enclosure, floor standing, EMC, combinable, single door	262	Mounting plate, galvanized steel, console MPG/MPGS, GCPZ	514
MCS, Enclosure, floor standing, mild steel, combinable, single door	18	Mounting plate, galvanized steel, floor standing, MP	102
MCSS, Enclosure, floor standing, stainless steel, combinable, single door	70	Mounting plate, galvanized steel, polyester, UMPZ	368
MCU, Frame extension, top, floor standing	231	Mounting plate, galvanized steel, polyester, UMPZ	384
MCUK, Lifting, eye bolts for extension frame, floor standing	222	Mounting plate, galvanized steel, terminal box DABP/DPCP, DMP	447
MCUP, Frame extension, top, side panels, floor standing	231	Mounting plate, galvanized steel, terminal box DABP/DPCP, DMP	467
MGRP, Terminal box, Polyester	438	Mounting plate, galvanized steel, terminal box HALP, HMP	434
MKD, Enclosure, floor standing, mild steel, compact, double door	60	Mounting plate, galvanized steel, terminal box MGRP, GMP	440
MKS, Enclosure, floor standing, mild steel, compact, single door	50	Mounting plate, galvanized steel, terminal box OABP/OPCP, OMP	459
MMDP, Door, vertical profiles, wall mounted	344	Mounting plate, galvanized steel, terminal box OABP/OPCP, OMP	473
MMDP, Door, vertical profiles, wall mounted	529	Mounting plate, galvanized steel, terminal box SABP/SPCP, SMP	453
MMG, Marshalling panel, cover plate, floor standing	230	Mounting plate, galvanized steel, terminal box STB/SSTB, BMP	426
MMH, Hinges, 180° opening, wall mounted	342	Mounting plate, galvanized steel, terminal box STB/SSTB, BMP	528
MMHS, Hinges, 180° opening, stainless steel, wall mounted	342	Mounting plate, galvanized steel, wall mounted, AMP	322
MM, Marshalling panel, floor standing	230	Mounting plate, partial, floor standing, MPP	106
Modular chassis, front plate, UCP/UCPT polyester wall mounted, UFCP	370	Mounting plate, pertinax, polyester, UMPP	368
Modular chassis, front plate, UCP/UCPT polyester wall mounted, UFCP	370	Mounting plate, pertinax, polyester, UMPP	384
Modular chassis, front plate, UCP/UCPT polyester wall mounted, UFCP	372	Mounting plate, reinforcement profiles, floor standing, MPR	109
Modular chassis, mounting frame, UCP/UCPT polyester wall mounted, UMF	369	Mounting plate, side brackets, floor standing, MPS	104
Modular chassis, mounting frame, UCP/UCPT polyester wall mounted, UMF	386	Mounting plate, telequick, galvanized steel, wall mounted, AMT	324
Modular chassis, wall mounted, AC	326	Mounting plate, telequick, polyester, UMPT	368
Mounting plate, aluminium, floor standing, MPAL	255	Mounting plate, telequick, polyester, UMPT	385
Mounting plate back to back bracket kit, MPBB	104	Mounting plate, wide, floor standing, MPW	107
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Mounting plate, brackets, depth adjustment, consoles MPG, MPGDA	514	Mounting plate, wide, transversal sliding profiles, floor standing, MTS	108
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Mounting plate, brackets, depth adjustment, polyester wall mounted UCP/UCPT, UCD	369	Mounting profiles, carrier bars, heavy duty, floor standing, CBU	124
Mounting plate, brackets, depth adjustment, polyester wall mounted UDP/UDPT, UPD	385	Mounting profiles, click-in, floor standing, CLPK	118
		Mounting profiles, floor standing, CLPF	119
		Mounting profiles, lutze system, floor standing, CLS	124
		Mounting profiles, side, floor standing, CMB	122
		Mounting profiles, STB/SSTB terminal boxes, BPP	427
		Mounting profiles, STB/SSTB terminal boxes, BPP	528
		Mounting profiles, vertical, wall mounted., AVB	327
		Mounting rails, CP	674
		Mounting vertical profiles, floor standing, HP	122
		MPAL, Mounting plate, aluminium, floor standing	255
		MPA, Mounting plate, brackets, rear fixing, floor standing	103
		MPA, Mounting plate, brackets, rear fixing, floor standing	103

MPBB, Mounting plate back to back bracket kit	104
MPC, Console, modular system, mild steel.....	492
MPCS, Console, modular system, stainless steel.....	506
MPD, Mounting plate, brackets, depth adjustment, floor standing.....	103
MPEF, Mounting plate, brackets, flush fixing, floor standing	109
MPE, Mounting plate, brackets, floor standing.....	108
MPF, Mounting plate, filler, floor standing.....	105
MPF, Mounting plate, filler, floor standing.....	105
MPG, Console, compact, mild steel.....	488
MPGDA, Mounting plate, brackets, depth adjustment, consoles MPG.....	514
MPGS, Console, compact, stainless steel.....	502
MPLS, Cover plate, stainless steel, consoles MPC desk section.....	520
MP, Mounting plate, galvanized steel, floor standing	102
MPP, Mounting plate, partial, floor standing	106
MPPS, Cover plate, stainless steel, consoles MPC top section.....	520
MPR, Mounting plate, reinforcement profiles, floor standing.....	109
MPS, Mounting plate, side brackets, floor standing	104
MPW, Mounting plate, wide, floor standing.....	107
MPWR, Mounting plate, wide, reinforcement profiles, floor standing..	109
MSNS, Plinth, stainless steel, consoles.....	518
MSST, Rainhood, stainless steel, floor standing	235
MSVS, Plinth, stainless steel, wall mounted	332
MTR, Shelf, 19" front fixation	154
MTS, Mounting plate, wide, transversal sliding profiles, floor standing.....	108
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Multi key, LSMK	341

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Nuts, sliding, GLM.....	675
Nuts, snap for telequick mounting plates, TN.....	324
Nuts, snap for telequick mounting plates, TN.....	369
Nuts, snap for telequick mounting plates, TN.....	385

O

OABP, Terminal box, ABS.....	456
OCP, Cover plugs, terminal boxes OABP/OPCP	460
OCP, Cover plugs, terminal boxes OABP/OPCP	474
OEL, Mounting plate, brackets, depth adjustment, terminal box OABP/OPCP	459
OEL, Mounting plate, brackets, depth adjustment, terminal box OABP/OPCP	473
OFL, Wall mounting brackets, OABP/OPCP terminal boxes.....	460
OFL, Wall mounting brackets, OABP/OPCP terminal boxes.....	474
OHI, Hinges, for OABP/OPCP terminal boxes.....	460
OHI, Hinges, for OABP/OPCP terminal boxes.....	474
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OICH, Handle, for operating control panel OICP	535
OICP, Operating control panel.....	530

OIDES, Extension section, for operating control panel OICP	534
OIFP, Front plate, for operating control panel OICP	534
OIKS, Bracket, for operating control panels OICP connection.....	535
OIPC, Front plate, for operating control panel OICP	535
OISN, Nuts, sliding, for OICP.....	535
OLW, Screws, wing for OABP/OPCP terminal boxes	460
OLW, Screws, wing for OABP/OPCP terminal boxes	474
OMP, Mounting plate, galvanized steel, terminal box OABP/OPCP	459
OMP, Mounting plate, galvanized steel, terminal box OABP/OPCP	473
OPCP-EE, Terminal box, extension frame, polycarbonate	461
OPCP-EE, Terminal box, extension frame, polycarbonate	475
OPCP, Terminal box, polycarbonate.....	470
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PAC, 19" front panel	155
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Partial doors system, top and bottom panels, floor standing, DPC.....	209
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Partial doors system, vertical divider, floor standing, CDV	208
Partial doors system, vertical panel, floor standing, DPB.....	212
PCP, Plinth combining profiles, floor standing	171
PCU, Frame extension, bottom, floor standing.....	232
PCUP, Frame extension, bottom, side panels, floor standing.....	232
PFAL, Plinth, aluminum, floor standing.....	255
PFF, Base, mild steel, wall mounted.....	332
PF, Plinth, mild steel, front and rear, floor standing	168
PF, Plinth, mild steel, front and rear, floor standing	517
PFS, Plinth, stainless steel, front and rear, floor standing.....	172
PGM, Plinth, ground, aluminum, floor standing	256
PLC, Lock, padlocking cover, wall mounted	340
PLFR, Vortex, air regulator kit.....	584
Plinth, aluminum, floor standing, PFAL.....	255
Plinth combining profiles, floor standing, PCP.....	171
Plinth, ground, aluminum, floor standing, PGM.....	256
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Pole fixation, wall mounted, EPF.....	373
Pole fixation, wall mounted, EPF.....	388
Pole fixation, wall mounted, EPF.....	428
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P, Plinth, mild steel, fronth and rear, wall mounted.....	331
Pressure compensation plug, plastic, goretex, EDA.....	624
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Pressure compensation plug, stainless steel, goretex, EDAS.....	625
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PS, Plinth, mild steel, sides, floor standing.....	170
PSS, Plinth, stainless steel, sides, floor standing.....	173
PST, Plinth, mild steel, sides, consoles.....	517
PVD, Pressure compensation plug.....	627
PV, Plinth, ventilated, mild steel, fronth and rear, floor standing.....	169
PW, 19" plastic washers.....	152
PWB, 19" power distribution box.....	155
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R

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REU, Exhaust filter, roof, Exhaust filter, roof, REU.....	614
RFU, Filter fan, roof, Filter fan, roof, RFU.....	608
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S

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SAAE, Swing arm light, rotary elbow.....	542
SABP, Terminal box, ABS.....	450

SABT SL, Swing arm light, rotary base or wall flange.....	540
SABT SM, Swing arm medium, rotary base or wall flange.....	546
SABW SM, Swing arm medium, base or wall bracket.....	546
SABW, Swing arm light, base or wall flange.....	540
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SAC, Swing arm light, coupling.....	543
SAEC SM, Swing arm medium, elbow coupling.....	549
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SAE SM, Swing arm medium, elbow.....	548
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SAIJ SM, Swing arm medium, intermediate joint.....	549
SAIJ, Swing arm light, intermediate joint.....	543
SARE, Swing arm light, reinforced elbow.....	542
SASJ SM, Swing arm medium, set-up joint.....	547
SASJ, Swing arm light, set-up joint.....	541
SASL, Swing arm light.....	538
SASM, Swing arm medium, section profile.....	544
SAS SM, Swing arm medium, swing arm section profile.....	546
SAS, Swing arm light, section profile.....	540
SAWJH SM, Swing arm medium, wall joint with horizontal outlet.....	547
SAWJH, Swing arm light, wall joint with horizontal outlet.....	541
SAWJV SM, Swing arm medium, wall joint with vertical outlet.....	547
SAWJV, Swing arm light, wall joint with vertical outlet.....	541
SBK, Seismic kit, floor standing.....	161
SCE, Gland plate, section profile for cable entry, floor standing.....	226
SCP, Cover plugs, terminal boxes SABP/SPCP.....	454
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Screws, clip-on cage nuts, CNS.....	675
Screws, extrude-tite, CNT.....	123
Screws, extrude-tite, CNT.....	675
Screws, extrude-tite, stainless steel, CNTS.....	123
Screws, phillips, CHS.....	152
Screws, wing for OABP/OPCP terminal boxes, OLW.....	460
Screws, wing for OABP/OPCP terminal boxes, OLW.....	474
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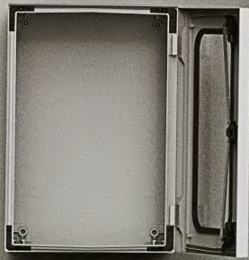
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