CONNECT AND PROTECT

Product Catalogue

Presenting our wide range of industrial enclosures, climate control, and panel shop automation systems.

nVent
HOFFMAN

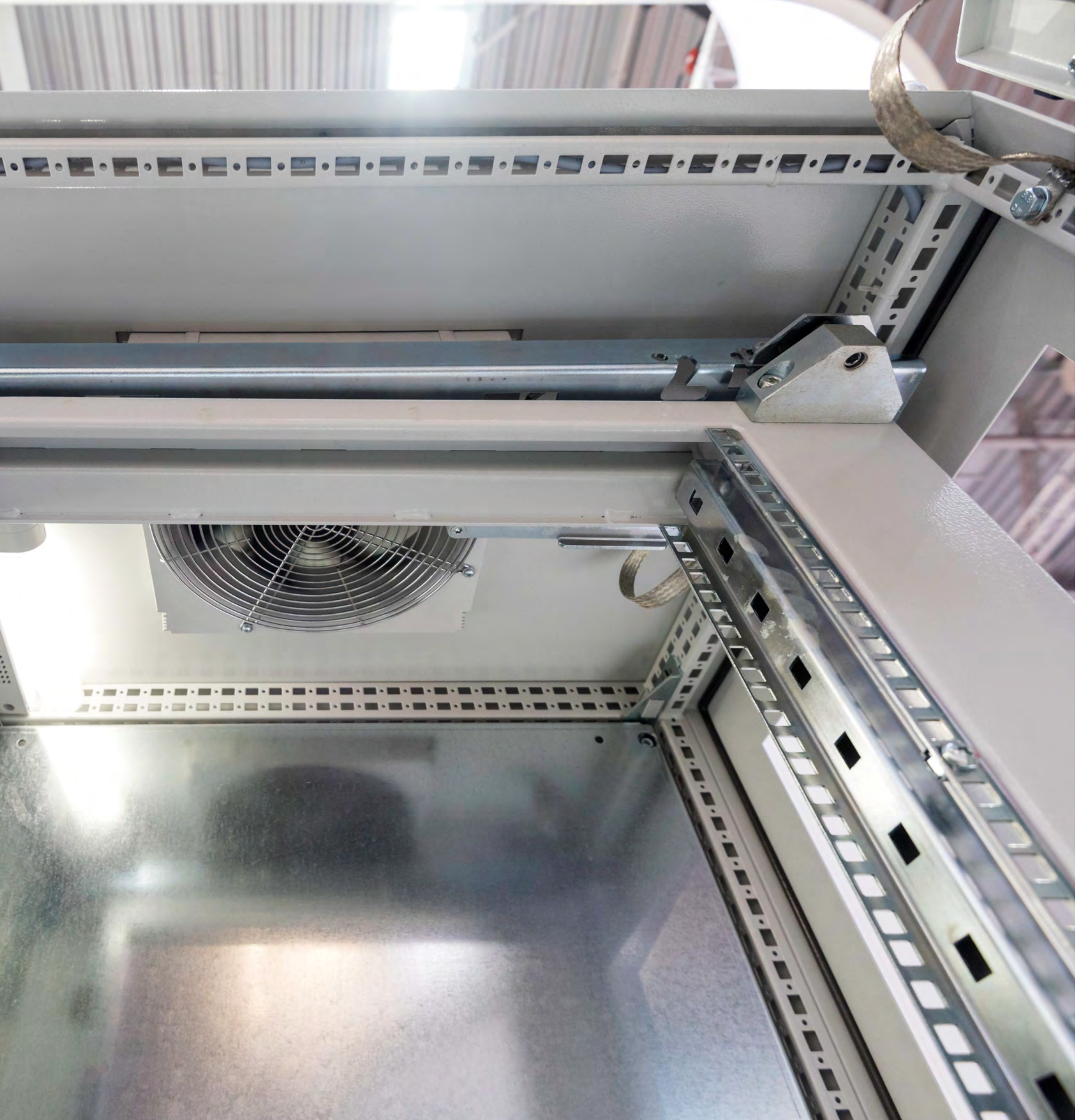
Product overview

01 | Floor Standing Enclosures

02 | Wall Mounted Enclosures

03 | Terminal Boxes

04 | Human Machine Interface



01

Floor Standing Enclosures

Mild steel, Indoor

Combinable single/double door, MCS/MCD/MCS-HP 12
Flange mount disconnect, MCF 36
19” ICT rack, MCI 42
Compact single/double door, MKS / MKD 46

Stainless steel, Outdoor

Combinable single/double door, MCSS/MCDS/MCSS-HP 60
Compact single/double door, EKSS/EKDS 76

Aluminium, Outdoor

Combinable, double wall, ECOM 234
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Galvanized steel, EMC

Single door, MCSE 252

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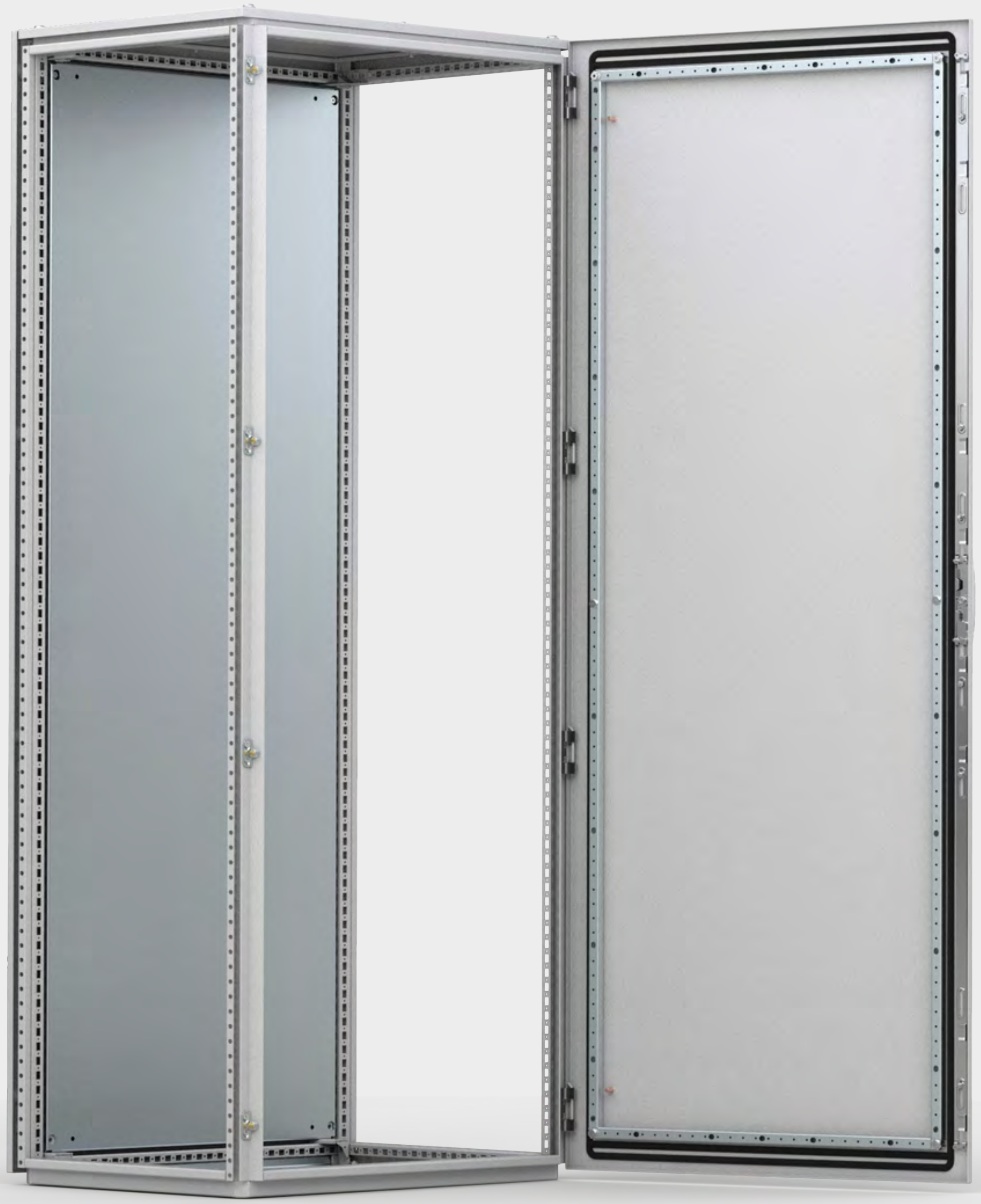
Floor Standing Enclosures

Steel Range | Mild Steel

Combinable, single door | MCS

IP 55 | TYPE 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, 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:
RAL 7035 structured powder coating.

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

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

Delivery:
Frame with fitted door, rear panel, roof panel, bottom plates, mounting plate (not included for PER5 version) and door frame. For 400 mm wide enclosures, a mounting plate, bottom plates and door frame are not included. For enclosures 2200 mm height, delivery includes two CMB profiles mounted in depth. Delivery also includes earthing bolts. Delivered on a pallet which is identical to the width of the enclosure to allow baying without removal. All packing material is recyclable.

Dimensional table | MCS

IP 55 | TYPE 12, 13 | IK 10

With mounting plate

Enclosure dimensions			Mounting plate dimensions		Usable depth	
H	**W**	**D**	**h**	**w**	**d**	**Item no.**
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

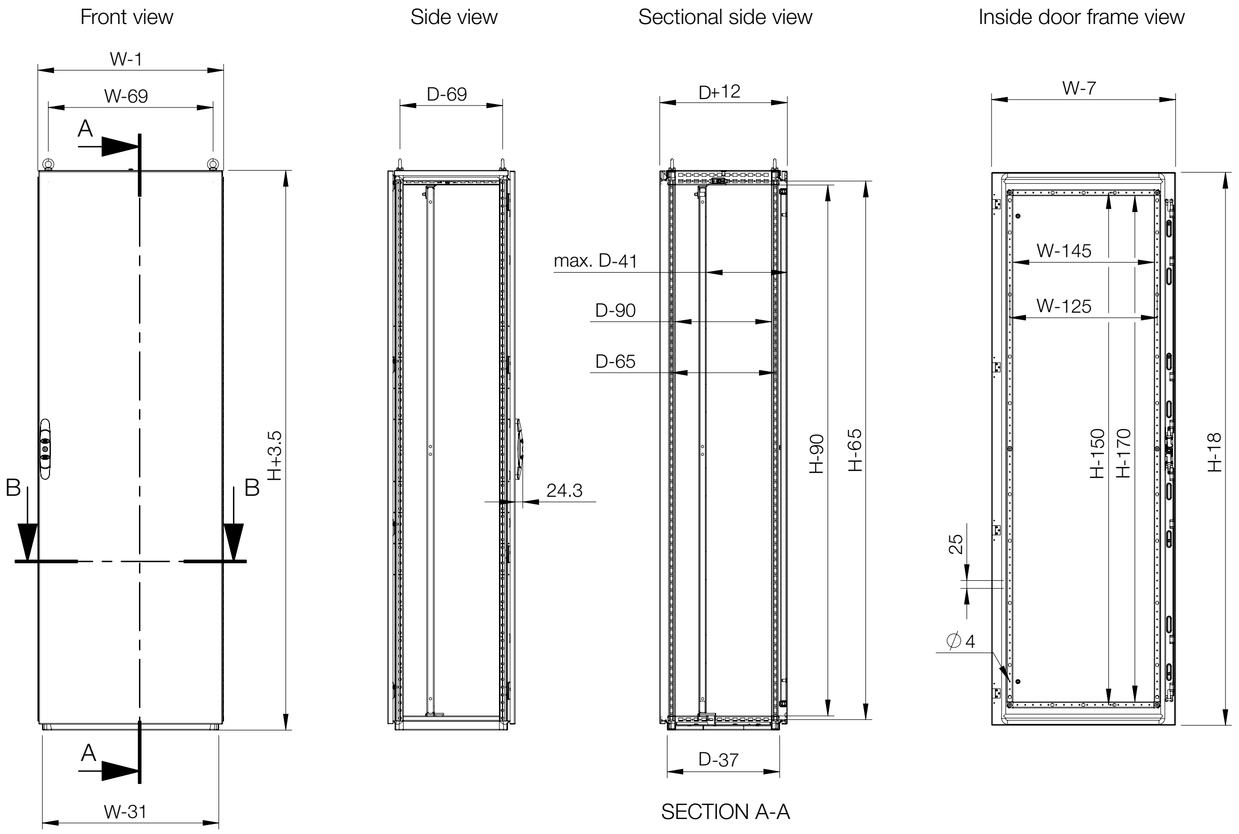
Without mounting plate

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

Cable enclosures: without MP, bottom plates and door frame

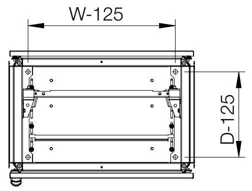
Enclosure dimensions			
H	**W**	**D**	**Item no.**
1800	400	400	MCS18044R5
1800	400	500	MCS18045R5
1800	400	600	MCS18046R5
2000	400	400	MCS20044R5
2000	400	500	MCS20045R5
2000	400	600	MCS20046R5
2000	400	800	MCS20048R5

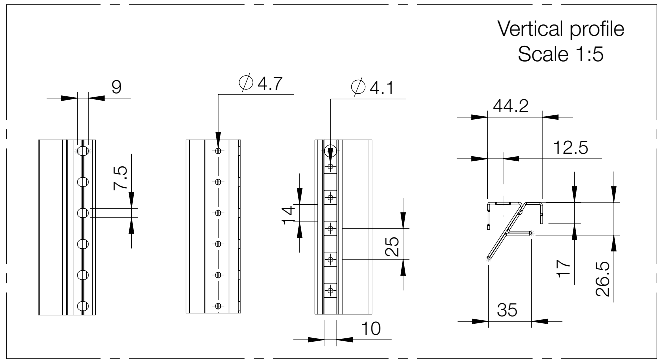
Dimensional drawing | MCS


Front view
W-1
W-69
A
B
B
H+3.5
A
W-31
Side view
D-69
24.3
Sectional side view
D+12
max. D-41
D-90
D-65
H-90
H-65
D-37
Inside door frame view
W-7
W-145
W-125
H-150
H-170
H-18
25
∅4

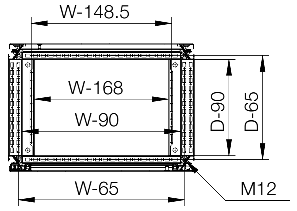
SECTION A-A

Sectional top view



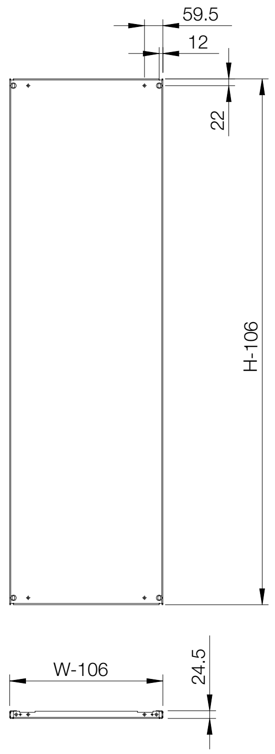

Vertical profile
Scale 1:5
9
7.5
∅4.7
∅4.1
14
25
10
44.2
12.5
17
26.5
35

Sectional top view
(without bottom plates)

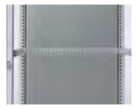
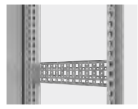

W-148.5
W-168
W-90
D-90
D-65
W-65
M12

SECTION B-B

Mounting plate view


59.5
12
22
H-106
W-106
24.5

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**	**Outer mounting profile, in W**	**Outer mounting profile, in D**
MCS18044R5	1800	400	400	MP1804	-	-	CLPF1800	CLPF400	CLPO400	CLPO400
MCS18045R5	1800	400	500	MP1804	-	-	CLPF1800	CLPF400	CLPO400	CLPO500
MCS18046R5	1800	400	600	MP1804	-	-	CLPF1800	CLPF400	CLPO400	CLPO600
MCS18055R5	1800	500	500	MP1805	MPW1805	MTS500	CLPF1800	CLPF500	CLPO500	CLPO500
MCS18064R5	1800	600	400	MP1806	MPW1806	MTS600	CLPF1800	CLPF600	CLPO600	CLPO400
MCS18065R5	1800	600	500	MP1806	MPW1806	MTS600	CLPF1800	CLPF600	CLPO600	CLPO500
MCS18066R5	1800	600	600	MP1806	MPW1806	MTS600	CLPF1800	CLPF600	CLPO600	CLPO600
MCS18084R5	1800	800	400	MP1808	MPW1808	MTS800	CLPF1800	CLPF800	CLPO800	CLPO400
MCS18085R5	1800	800	500	MP1808	MPW1808	MTS800	CLPF1800	CLPF800	CLPO800	CLPO500
MCS18086R5	1800	800	600	MP1808	MPW1808	MTS800	CLPF1800	CLPF800	CLPO800	CLPO600
MCS18104R5	1800	1000	400	MP1810	MPW1810	MTS1000	CLPF1800	CLPF1000	CLPO1000	CLPO400
MCS18105R5	1800	1000	500	MP1810	MPW1810	MTS1000	CLPF1800	CLPF1000	CLPO1000	CLPO500
MCS18106R5	1800	1000	600	MP1810	MPW1810	MTS1000	CLPF1800	CLPF1000	CLPO1000	CLPO600
MCS20044R5	2000	400	400	MP2004	-	-	CLPF2000	CLPF400	CLPO400	CLPO400
MCS20045R5	2000	400	500	MP2004	-	-	CLPF2000	CLPF400	CLPO400	CLPO500
MCS20046R5	2000	400	600	MP2004	-	-	CLPF2000	CLPF400	CLPO400	CLPO600
MCS20048R5	2000	400	800	MP2004	-	-	CLPF2000	CLPF400	CLPO400	CLPO800
MCS20055R5	2000	500	500	MP2005	MPW2005	MTS500	CLPF2000	CLPF500	CLPO500	CLPO500
MCS20064R5	2000	600	400	MP2006	MPW2006	MTS600	CLPF2000	CLPF600	CLPO600	CLPO400
MCS20065R5	2000	600	500	MP2006	MPW2006	MTS600	CLPF2000	CLPF600	CLPO600	CLPO500
MCS20066R5	2000	600	600	MP2006	MPW2006	MTS600	CLPF2000	CLPF600	CLPO600	CLPO600
MCS20068R5	2000	600	800	MP2006	MPW2006	MTS600	CLPF2000	CLPF600	CLPO600	CLPO800
MCS20084R5	2000	800	400	MP2008	MPW2008	MTS800	CLPF2000	CLPF800	CLPO800	CLPO400
MCS20085R5	2000	800	500	MP2008	MPW2008	MTS800	CLPF2000	CLPF800	CLPO800	CLPO500
MCS20086R5	2000	800	600	MP2008	MPW2008	MTS800	CLPF2000	CLPF800	CLPO800	CLPO600
MCS20088R5	2000	800	800	MP2008	MPW2008	MTS800	CLPF2000	CLPF800	CLPO800	CLPO800
MCS20104R5	2000	1000	400	MP2010	MPW2010	MTS1000	CLPF2000	CLPF1000	CLPO1000	CLPO400
MCS20105R5	2000	1000	500	MP2010	MPW2010	MTS1000	CLPF2000	CLPF1000	CLPO1000	CLPO500
MCS20106R5	2000	1000	600	MP2010	MPW2010	MTS1000	CLPF2000	CLPF1000	CLPO1000	CLPO600
MCS20108R5	2000	1000	800	MP2010	MPW2010	MTS1000	CLPF2000	CLPF1000	CLPO1000	CLPO800
MCS22066R5	2200	600	600	MP2206	-	MTS600	CLPF2200	CLPF600	CLPO600	CLPO600
MCS22068R5	2200	600	800	MP2206	-	MTS600	CLPF2200	CLPF600	CLPO600	CLPO800
MCS22086R5	2200	800	600	MP2208	-	MTS800	CLPF2200	CLPF800	CLPO800	CLPO600
MCS22088R5	2200	800	800	MP2208	-	MTS800	CLPF2200	CLPF800	CLPO800	CLPO800

* MTS is required.

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	CLPF500	CLPK400	CLPK500	CMB502
MCS18046R5	1800	400	600	CLPF600	CLPK400	CLPK600	CMB602
MCS18055R5	1800	500	500	CLPF500	CLPK500	CLPK500	CMB502
MCS18064R5	1800	600	400	CLPF400	CLPK600	CLPK400	CMB402
MCS18065R5	1800	600	500	CLPF500	CLPK600	CLPK500	CMB502
MCS18066R5	1800	600	600	CLPF600	CLPK600	CLPK600	CMB602
MCS18084R5	1800	800	400	CLPF400	CLPK800	CLPK400	CMB402
MCS18085R5	1800	800	500	CLPF500	CLPK800	CLPK500	CMB502
MCS18086R5	1800	800	600	CLPF600	CLPK800	CLPK600	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
MCS20044R5	2000	400	400	CLPF400	CLPK400	CLPK400	CMB402
MCS20045R5	2000	400	500	CLPF500	CLPK400	CLPK500	CMB502
MCS20046R5	2000	400	600	CLPF600	CLPK400	CLPK600	CMB602
MCS20048R5	2000	400	800	CLPF800	CLPK400	CLPK800	CMB802
MCS20055R5	2000	500	500	CLPF500	CLPK500	CLPK500	CMB502
MCS20064R5	2000	600	400	CLPF400	CLPK600	CLPK400	CMB402
MCS20065R5	2000	600	500	CLPF500	CLPK600	CLPK500	CMB502
MCS20066R5	2000	600	600	CLPF600	CLPK600	CLPK600	CMB602
MCS20068R5	2000	600	800	CLPF800	CLPK600	CLPK800	CMB802
MCS20084R5	2000	800	400	CLPF400	CLPK800	CLPK400	CMB402
MCS20085R5	2000	800	500	CLPF500	CLPK800	CLPK500	CMB502
MCS20086R5	2000	800	600	CLPF600	CLPK800	CLPK600	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	CLPF800	CLPK600	CLPK800	CMB802
MCS22086R5	2200	800	600	CLPF600	CLPK800	CLPK600	CMB602
MCS22088R5	2200	800	800	CLPF800	CLPK800	CLPK800	CMB802

Accessories selection matrix | MCS

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	-	-	-	-	-	-
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	-	-
MCS20044R5	2000	400	400	-	-	-	-	-	-
MCS20045R5	2000	400	500	-	-	-	-	-	-
MCS20046R5	2000	400	600	-	-	-	-	-	-
MCS20048R5	2000	400	800	-	-	-	-	-	-
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.

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)**	**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
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
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
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

Accessories selection matrix | MCS

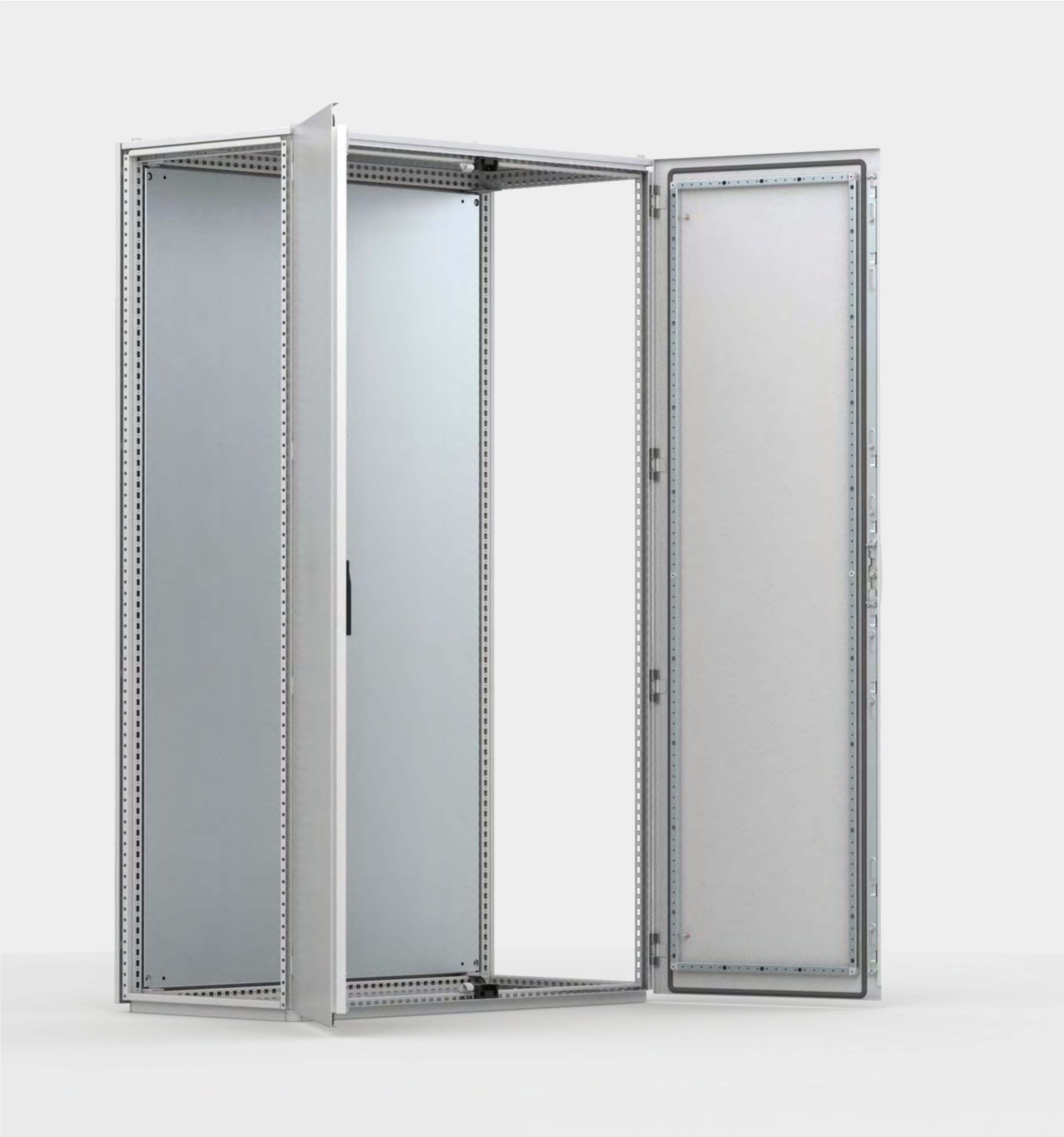
Enclosure				**Thermal**	**Cable**		
	H	**W**	**D**	**Ventilated roof**	**Cable fixing bar (mounted below bottom plates)**	**Cable fixing bar (mounted above bottom plates)**	**Ventilated bottom plates**
MCS18044R5	1800	400	400	-	CABP400	CAB400	-
MCS18045R5	1800	400	500	-	CABP400	CAB400	-
MCS18046R5	1800	400	600	-	CABP400	CAB400	-
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
MCS20044R5	2000	400	400	-	CABP400	CAB400	-
MCS20045R5	2000	400	500	-	CABP400	CAB400	-
MCS20046R5	2000	400	600	-	CABP400	CAB400	-
MCS20048R5	2000	400	800	-	CABP400	CAB400	-
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

Enclosure				**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
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
MCS20044R5	2000	400	400	-	-	-	SPM2004R5	SPD2004
MCS20045R5	2000	400	500	-	-	-	SPM2005R5	SPD2005
MCS20046R5	2000	400	600	-	-	-	SPM2006R5	SPD2006
MCS20048R5	2000	400	800	-	-	-	SPM2008R5	SPD2008
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



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. 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, attached on the outside of the enclosure packaging.

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

Finish:
RAL 7035 structured powder coating.

Protection:
Complies with IP55 | TYPE 12, 13 | IK 10.

Mounting requirements:
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 (not included for PER5 version). For enclosures 2200 mm height, delivery includes two CMB profiles mounted in depth. Delivery also includes earthing bolts. Delivered on a pallet which is identical to the width of the enclosure to allow baying without removal. Packing material is recyclable.

Dimensional table | MCD

IP 55 | TYPE 12, 13 | IK 10

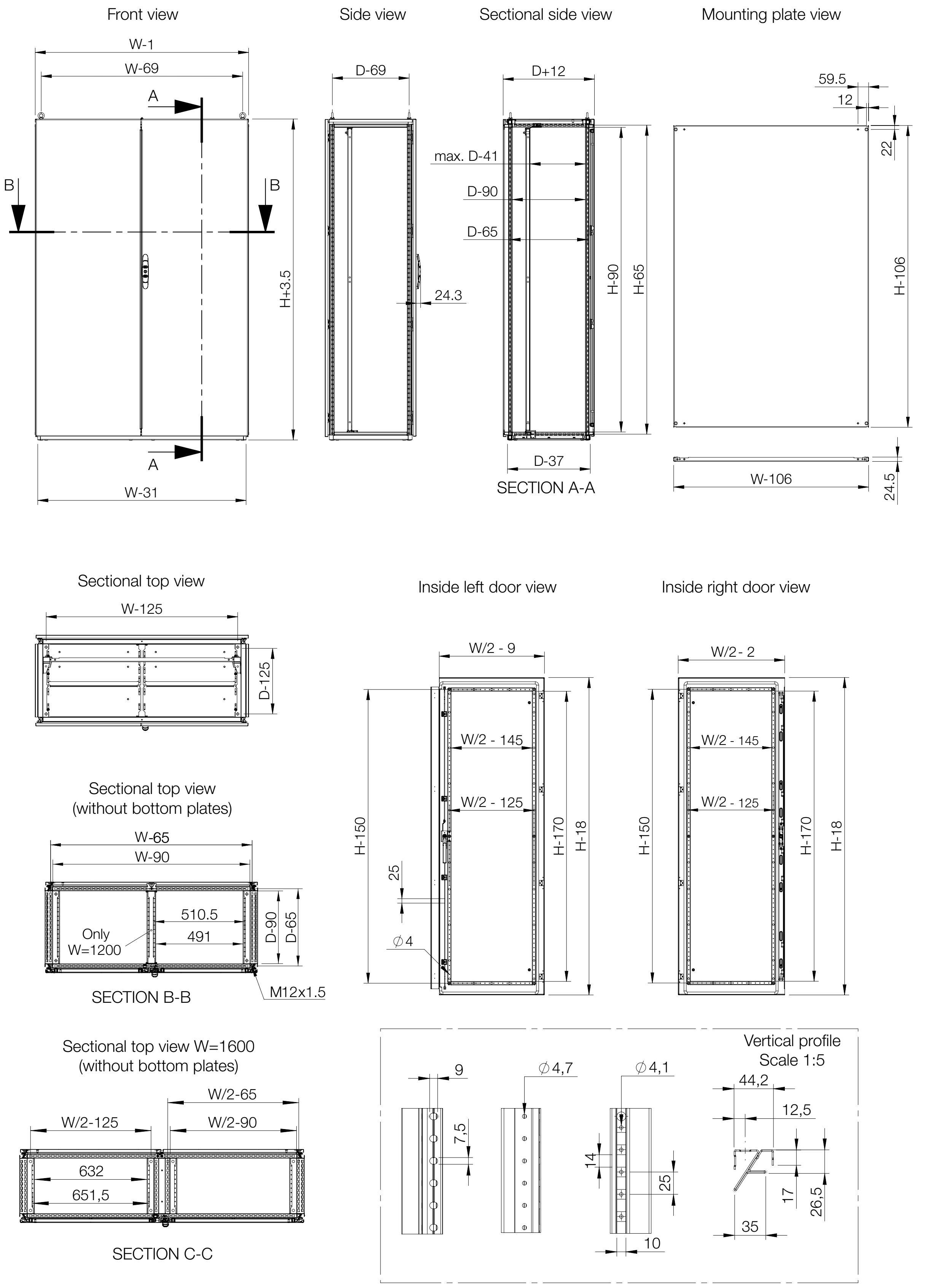
With mounting plate

Enclosure dimensions			Mounting plate dimensions		Usable depth	
H	**W**	**D**	**h**	**w**	**d**	**Item no.**
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

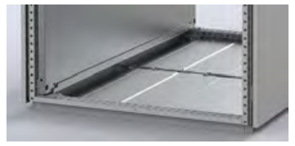
Without mounting plate

Enclosure dimensions			
H	**W**	**D**	**Item no.**
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

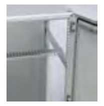
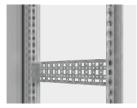
Dimensional drawing | MCD


Front view
W-1
W-69
A
B
B
H+3.5
A
W-31
Side view
D-69
24.3
Sectional side view
D+12
max. D-41
D-90
D-65
H-90
H-65
D-37
SECTION A-A
Mounting plate view
59.5
12
22
H-106
W-106
24,5
Sectional top view
W-125
D-125
Sectional top view
(without bottom plates)
W-65
W-90
510.5
491
Only
W=1200
D-90
D-65
SECTION B-B
M12x1.5
Inside left door view
W/2 - 9
W/2 - 145
W/2 - 125
H-150
25
∅4
H-170
H-18
Inside right door view
W/2 - 2
W/2 - 145
W/2 - 125
H-150
H-170
H-18
Sectional top view W=1600
(without bottom plates)
W/2-65
W/2-125
W/2-90
632
651,5
SECTION C-C
9
7,5
∅4,7
∅4,1
14
25
10
Vertical profile
Scale 1:5
44,2
12,5
17
26,5
35

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.

											
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**	**Outer mounting profile, in W**	**Outer mounting profile, in D**
MCD18085R5	1800	800	500	CLPF1800	CLPF800	CLPF500	CLPK800	CLPK500	CMB502	CLPO800	CLPO500
MCD18104R5	1800	1000	400	CLPF1800	CLPF1000	CLPF400	CLPK1000	CLPK400	CMB402	CLPO1000	CLPO400
MCD18105R5	1800	1000	500	CLPF1800	CLPF1000	CLPF500	CLPK1000	CLPK500	CMB502	CLPO1000	CLPO500
MCD18124R5	1800	1200	400	CLPF1800	CLPF1200	CLPF400	CLPK1200	CLPK400	CMB402	CLPO1200	CLPO400
MCD18125R5	1800	1200	500	CLPF1800	CLPF1200	CLPF500	CLPK1200	CLPK500	CMB502	CLPO1200	CLPO500
MCD18126R5	1800	1200	600	CLPF1800	CLPF1200	CLPF600	CLPK1200	CLPK600	CMB602	CLPO1200	CLPO600
MCD18164R5	1800	1600	400	CLPF1800	CLPF1600	CLPF400	-	CLPK400	CMB402	-	CLPO400
MCD20085R5	2000	800	500	CLPF2000	CLPF800	CLPF500	CLPK800	CLPK500	CMB502	CLPO800	CLPO500
MCD20104R5	2000	1000	400	CLPF2000	CLPF1000	CLPF400	CLPK1000	CLPK400	CMB402	CLPO1000	CLPO400
MCD20105R5	2000	1000	500	CLPF2000	CLPF1000	CLPF500	CLPK1000	CLPK500	CMB502	CLPO1000	CLPO500
MCD20106R5	2000	1000	600	CLPF2000	CLPF1000	CLPF600	CLPK1000	CLPK600	CMB602	CLPO1000	CLPO600
MCD20108R5	2000	1000	800	CLPF2000	CLPF1000	CLPF800	CLPK1000	CLPK800	CMB802	CLPO1000	CLPO800
MCD20124R5	2000	1200	400	CLPF2000	CLPF1200	CLPF400	CLPK1200	CLPK400	CMB402	CLPO1200	CLPO400
MCD20125R5	2000	1200	500	CLPF2000	CLPF1200	CLPF500	CLPK1200	CLPK500	CMB502	CLPO1200	CLPO500
MCD20126R5	2000	1200	600	CLPF2000	CLPF1200	CLPF600	CLPK1200	CLPK600	CMB602	CLPO1200	CLPO600
MCD20128R5	2000	1200	800	CLPF2000	CLPF1200	CLPF800	CLPK1200	CLPK800	CMB802	CLPO1200	CLPO800
MCD20164R5	2000	1600	400	CLPF2000	CLPF1600	CLPF400	-	CLPK400	CMB402	-	CLPO400
MCD20165R5	2000	1600	500	CLPF2000	CLPF1600	CLPF500	-	CLPK500	CMB502	-	CLPO500
MCD20166R5	2000	1600	600	CLPF2000	CLPF1600	CLPF600	-	CLPK600	CMB602	-	CLPO600
MCD22106R5	2200	1000	600	CLPF2200	CLPF1000	CLPF600	CLPK1000	CLPK600	CMB602	CLPO1000	CLPO600
MCD22126R5	2200	1200	600	CLPF2200	CLPF1200	CLPF600	CLPK1200	CLPK600	CMB602	CLPO1200	CLPO600

Enclosure				**Mounting**			**Doors**	
	H	**W**	**D**	**Depth dividing bar**	**Vertical divinding 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	VBK04	DN2205LR5	DN2205RR5
MCD22126R5	2200	1200	600	VBD600	VB2200	VBK1200	DN2206LR5	DN2206RR5

* DNMK is required for additional door.

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	2x CVB0804
MCD20165R5	2000	1600	500	SPM2005R5	SPD2005	CABP800	CAB800	2x 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	CVB1206

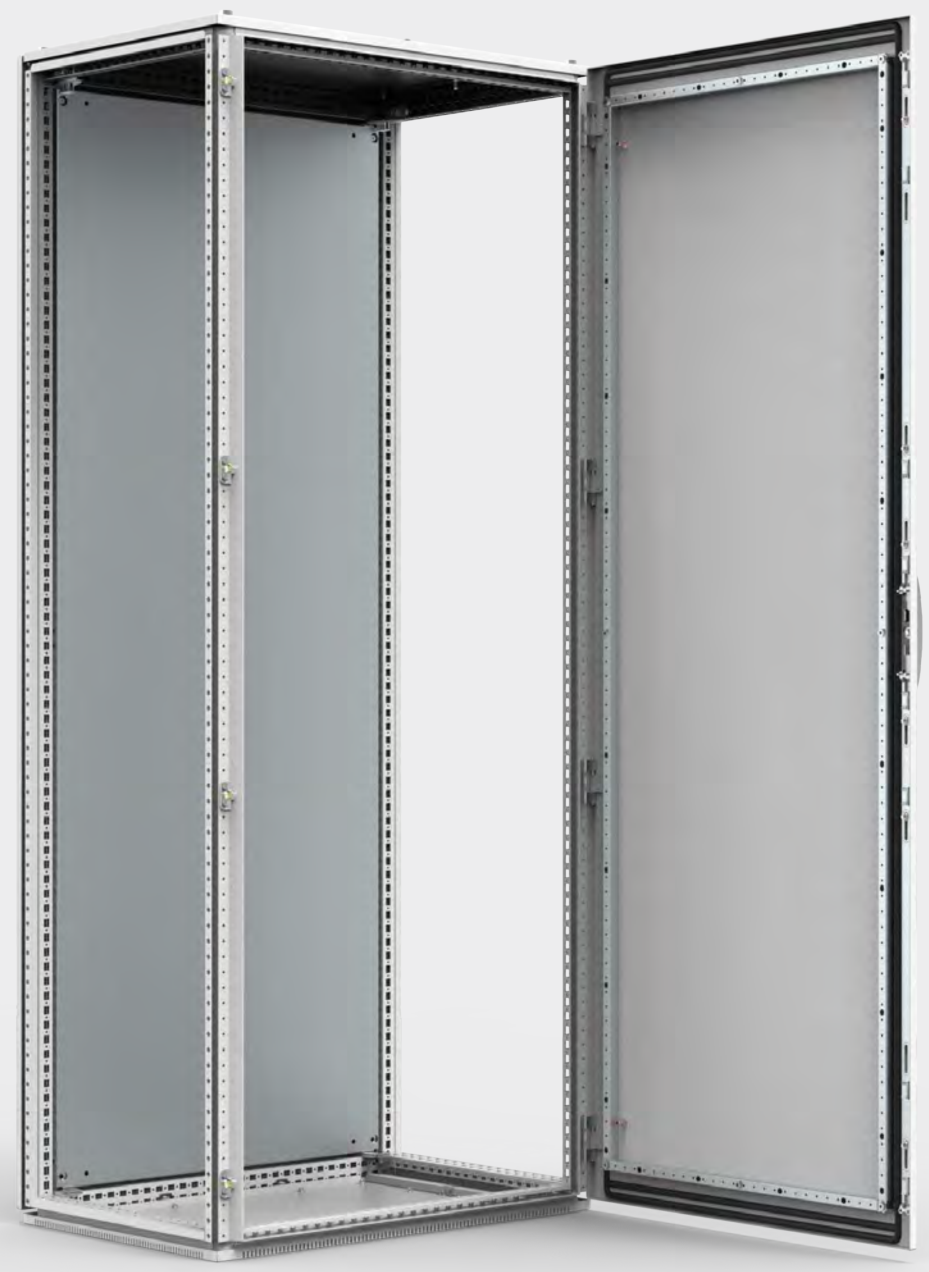
* CCJ is required.

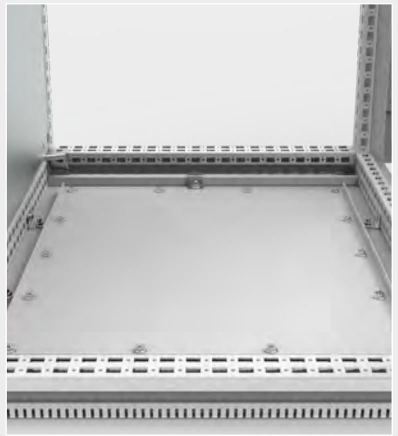
Floor Standing Enclosures

Steel Range | Mild Steel

Combinable, single door | MCS-HP

IP 66 | 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:
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. Supplied, 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:
RAL 7035 structured powder coating.

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

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

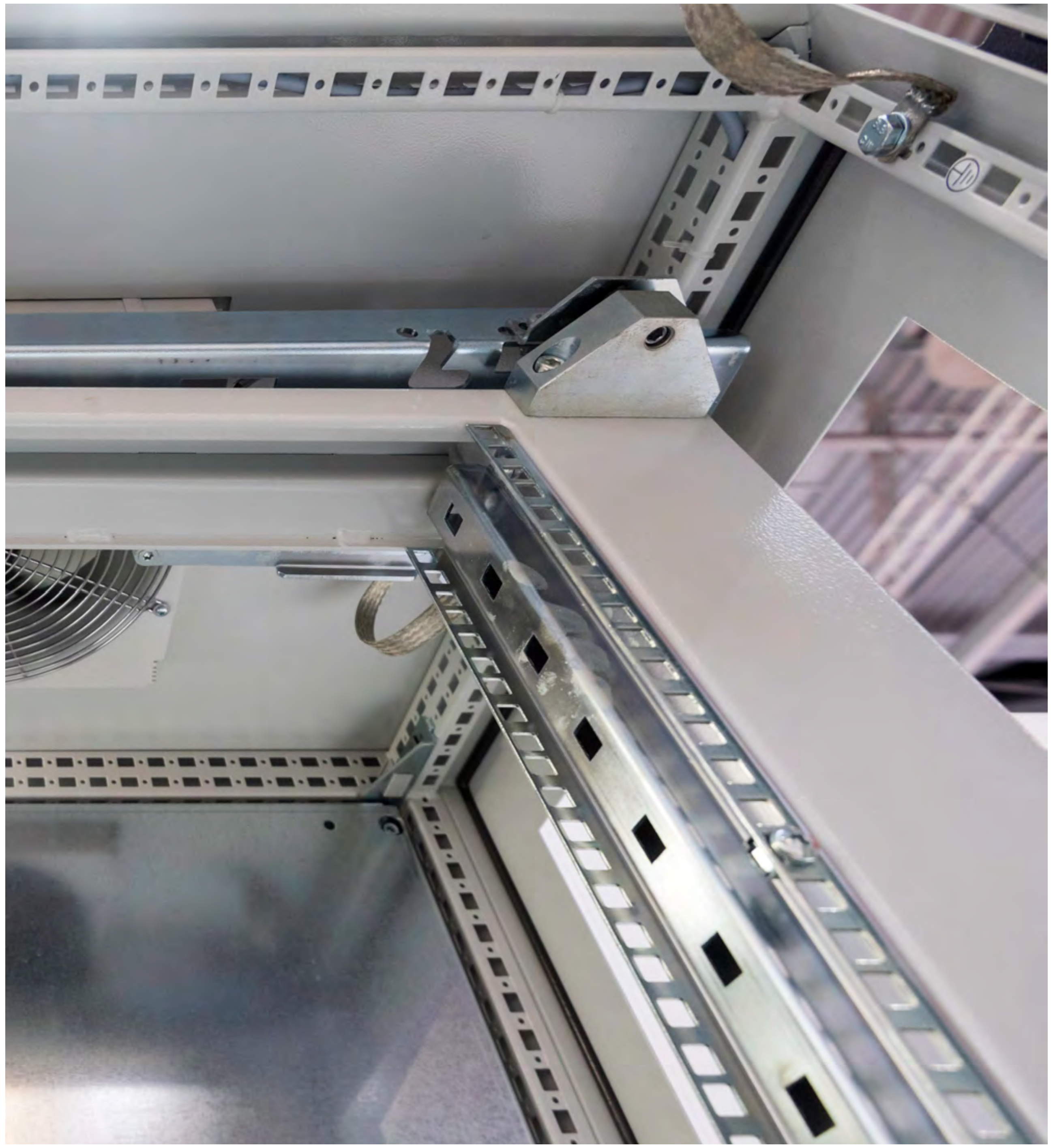
Delivery:
Frame with fitted door, rear panel, roof panel, bottom plate, mounting plate and door frame. Delivery also includes earthing bolts. Delivered on a pallet which is identical to the width of the enclosure to allow baying without removal. All packing material is recyclable.

Dimensional table | MCS-HP

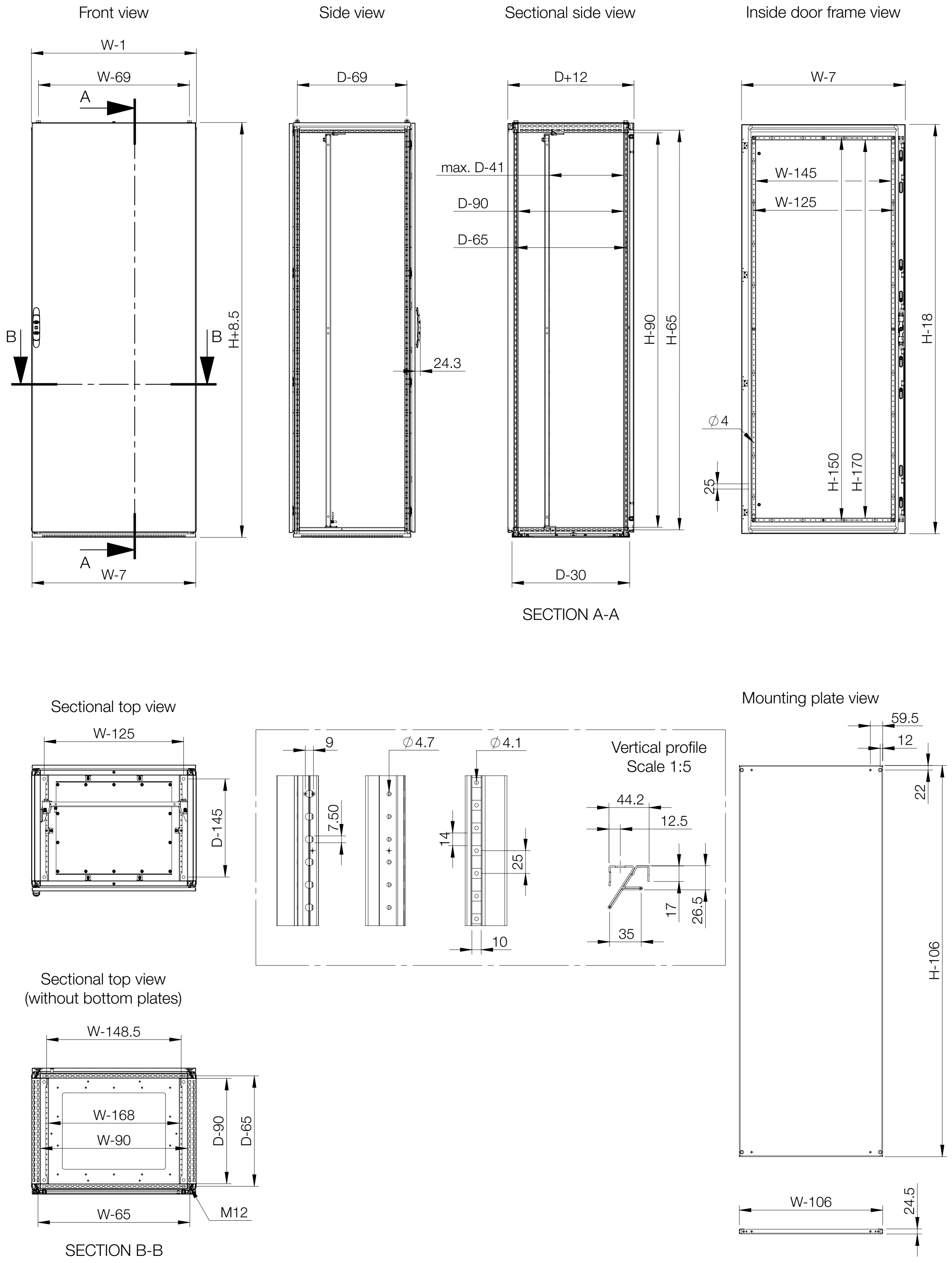
IP 66 | TYPE 4, 12, 13 | IK 10

Enclosure dimensions			Mounting plate dimensions		Usable depth	
H	**W**	**D**	**h**	**w**	**d**	**Item no.**
2000	800	600	1894	694	559	MCS20086HP

**Other dimensions available on request. Special side panel is required if depth is greater than 700 mm.*



Dimensional drawing | MCS-HP

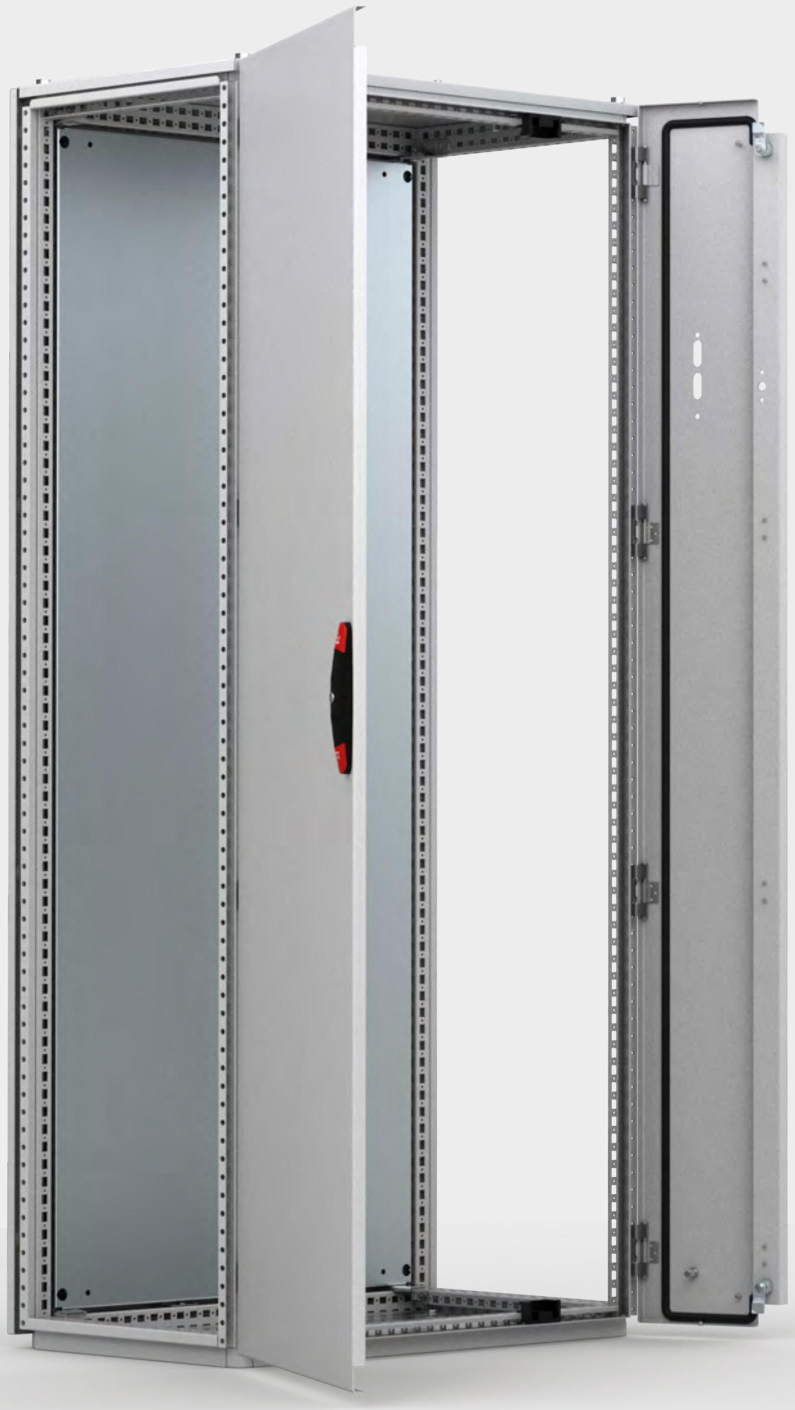

Front view
W-1
W-69
A
B
B
H+8.5
A
W-7
Side view
D-69
24.3
Sectional side view
D+12
max. D-41
D-90
D-65
H-90
H-65
D-30
SECTION A-A
Inside door frame view
W-7
W-145
W-125
∅4
25
H-150
H-170
H-18
Sectional top view
W-125
D-145
9
∅4.7
∅4.1
7.50
14
25
10
Vertical profile
Scale 1:5
44.2
12.5
17
26.5
35
Mounting plate view
59.5
12
22
H-106
W-106
24.5
Sectional top view
(without bottom plates)
W-148.5
W-168
W-90
D-90
D-65
W-65
M12
SECTION B-B

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:
Lock, left door: 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. Lock, right door: Top and bottom lock with double-bit for easy opening of the door. Double-bit 3 mm insert and 90° movement. Other inserts are available as an accessory.

Bottom plates:
Consists of three pieces.

Mounting plate:
Double folded and adjustable in depth by steps of 25 mm, with the MPD02 accessory. Supplied, 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:
RAL 7035 structured powder coating.

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

Mounting requirements:
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 baying without removal. All packing material is recyclable.

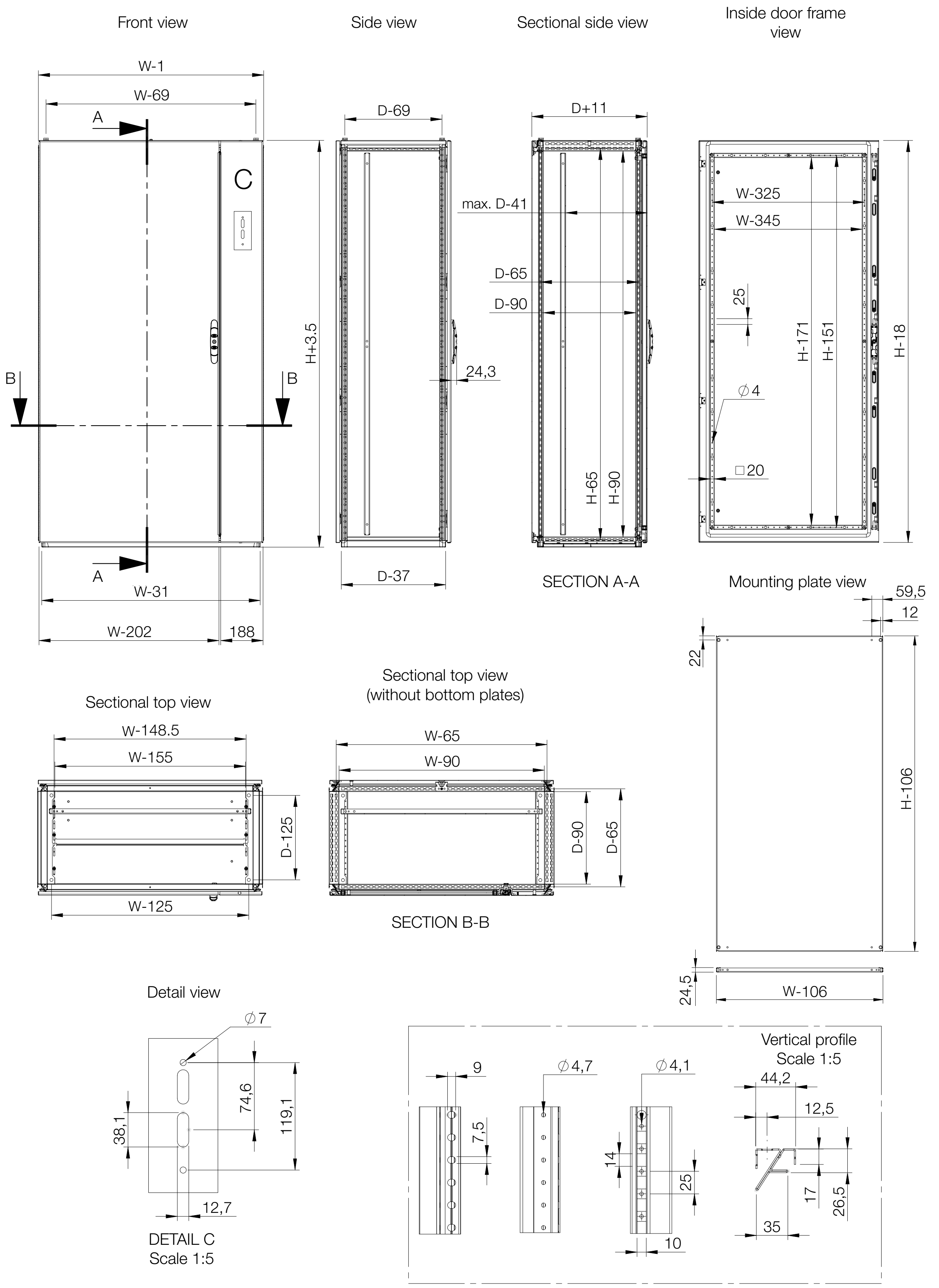
Dimensional table | MCF

IP 55 | TYPE 12, 13 | IK 10

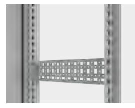
Enclosure dimensions			Door dimensions	
H	W	D	w	Item no.
1800	800	400	800	MCF18084R5
1800	800	500	800	MCF18085R5
1800	1000	500	1000	MCF18105R5
2000	800	500	800	MCF20085R5
2000	800	600	800	MCF20086R5
2000	1000	500	1000	MCF20105R5

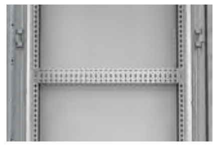
Bystronic
BySprint Fiber 4020

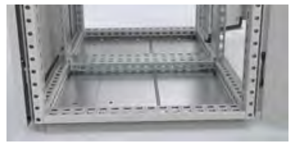
Dimensional drawing | MCF


Front view
Side view
Sectional side view
Inside door frame view
W-1
W-69
A
C
B
B
H+3.5
A
W-31
W-202
188
D-69
D-37
D+11
max. D-41
D-65
D-90
24,3
H-65
H-90
SECTION A-A
W-325
W-345
25
H-171
H-151
H-18
∅4
□20
Mounting plate view
59,5
12
22
H-106
24,5
W-106
Sectional top view
W-148.5
W-155
D-125
W-125
Sectional top view (without bottom plates)
W-65
W-90
D-90
D-65
SECTION B-B
Detail view
∅7
38,1
74,6
119,1
12,7
DETAIL C
Scale 1:5
Vertical profile
Scale 1:5
9
7,5
∅4,7
∅4,1
14
25
10
44,2
12,5
17
26,5
35

Accessories selection matrix | MCF

										
Enclosure				**Mounting**						
	H	**W**	**D**	**Mounting plate**	**Wide mounting plate ***	**Transversal sliding profiles**	**Mounting profile, in H**	**Mounting profile, in W**	**Outer mounting profile, in W**	**Outer mounting profile, in D**
MCF18084R5	1800	800	400	MP1808	MPW1808	MTS800	CLPF1800	CLPF800	CLPO800	CLPO400
MCF18085R5	1800	800	500	MP1808	MPW1808	MTS800	CLPF1800	CLPF800	CLPO800	CLPO500
MCF18105R5	1800	1000	500	MP1810	MPW1810	MTS1000	CLPF1800	CLPF1000	CLPO1000	CLPO500
MCF20085R5	2000	800	500	MP2008	MPW2008	MTS800	CLPF2000	CLPF800	CLPO800	CLPO500
MCF20086R5	2000	800	600	MP2008	MPW2008	MTS800	CLPF2000	CLPF800	CLPO800	CLPO600
MCF20105R5	2000	1000	500	MP2010	MPW2010	MTS1000	CLPF2000	CLPF1000	CLPO1000	CLPO500
* MTS is required.										

							
Enclosure				**Mounting**			
	H	**W**	**D**	**Mounting profile, in D**	**Click in profile, in W**	**Click in profile, in D**	**Side mounting bar**
MCF18084R5	1800	800	400	CLPF400	CLPK800	CLPK400	CMB402
MCF18085R5	1800	800	500	CLPF500	CLPK800	CLPK500	CMB502
MCF18105R5	1800	1000	500	CLPF500	CLPK1000	CLPK500	CMB502
MCF20085R5	2000	800	500	CLPF500	CLPK800	CLPK500	CMB502
MCF20086R5	2000	800	600	CLPF600	CLPK800	CLPK600	CMB602
MCF20105R5	2000	1000	500	CLPF500	CLPK1000	CLPK500	CMB502

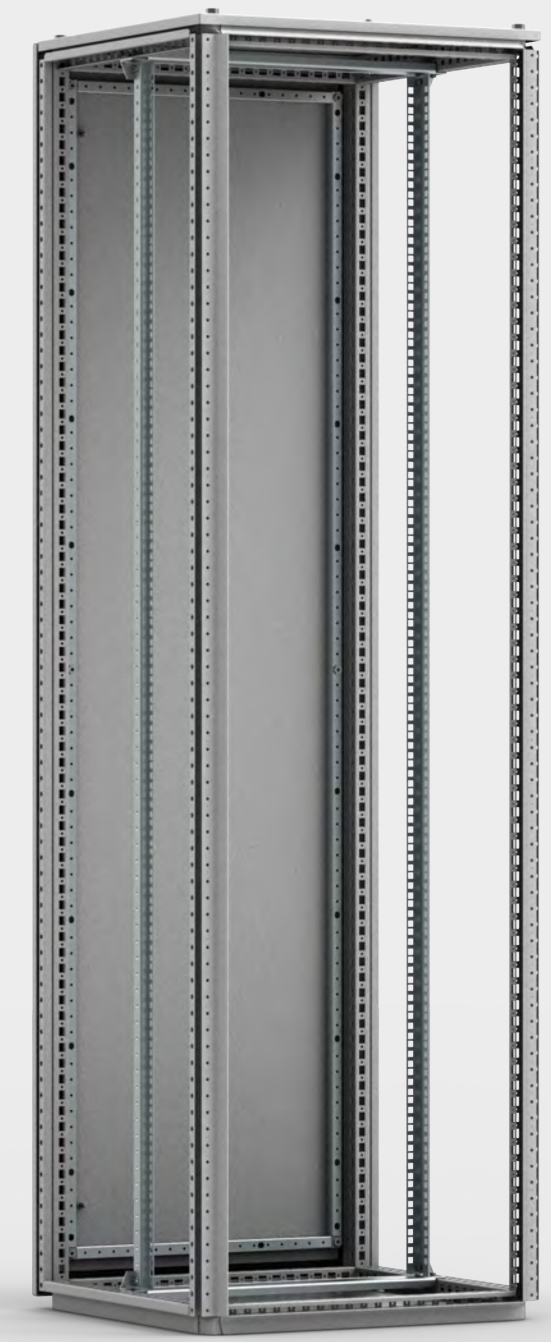
						
Enclosure				**Mounting**		
	H	**W**	**D**	**Depth dividing bar**	**Vertical divinding bar**	**Fixing brackets**
MCF18084R5	1800	800	400	VBD400	VB1800	VBK04
MCF18085R5	1800	800	500	VBD500	VB1800	VBK04
MCF18105R5	1800	1000	500	VBD500	VB1800	VBK04
MCF20085R5	2000	800	500	VBD500	VB2000	VBK04
MCF20086R5	2000	800	600	VBD600	VB2000	VBK04
MCF20105R5	2000	1000	500	VBD500	VB2000	VBK04

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**
MCF18084R5	1800	800	400	PF1080	PS1040	PF2080	PS2040	PV1080	CVR0804R5
MCF18085R5	1800	800	500	PF1080	PS1050	PF2080	PS2050	PV1080	CVR0805R5
MCF18105R5	1800	1000	500	PF1100	PS1050	PF2100	PS2050	PV1100	CVR1005R5
MCF20085R5	2000	800	500	PF1080	PS1050	PF2080	PS2050	PV1080	CVR0805R5
MCF20086R5	2000	800	600	PF1080	PS1060	PF2080	PS2060	PV1080	CVR0806R5
MCF20105R5	2000	1000	500	PF1100	PS1050	PF2100	PS2050	PV1100	CVR1005R5

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**
MCF18084R5	1800	800	400	SPM1804R5	SPD1804	CABP800	CAB800	CVB0804
MCF18085R5	1800	800	500	SPM1805R5	SPD1805	CABP800	CAB800	CVB0805
MCF18105R5	1800	1000	500	SPM1805R5	SPD1805	CABP1000	CAB1000	CVB1005
MCF20085R5	2000	800	500	SPM2005R5	SPD2005	CABP800	CAB800	CVB0805
MCF20086R5	2000	800	600	SPM2006R5	SPD2006	CABP800	CAB800	CVB0806
MCF20105R5	2000	1000	500	SPM2005R5	SPD2005	CABP1000	CAB1000	CVB1005
* CCJ is required.								

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

IP 55 | TYPE 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. 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.

19" profiles:
Provides front and side universal 19" hole pattern. Adjustable in depth by steps of 25 mm.

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 55 | TYPE 12, 13 | IK 10, when plain front door and side panels are fitted.

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

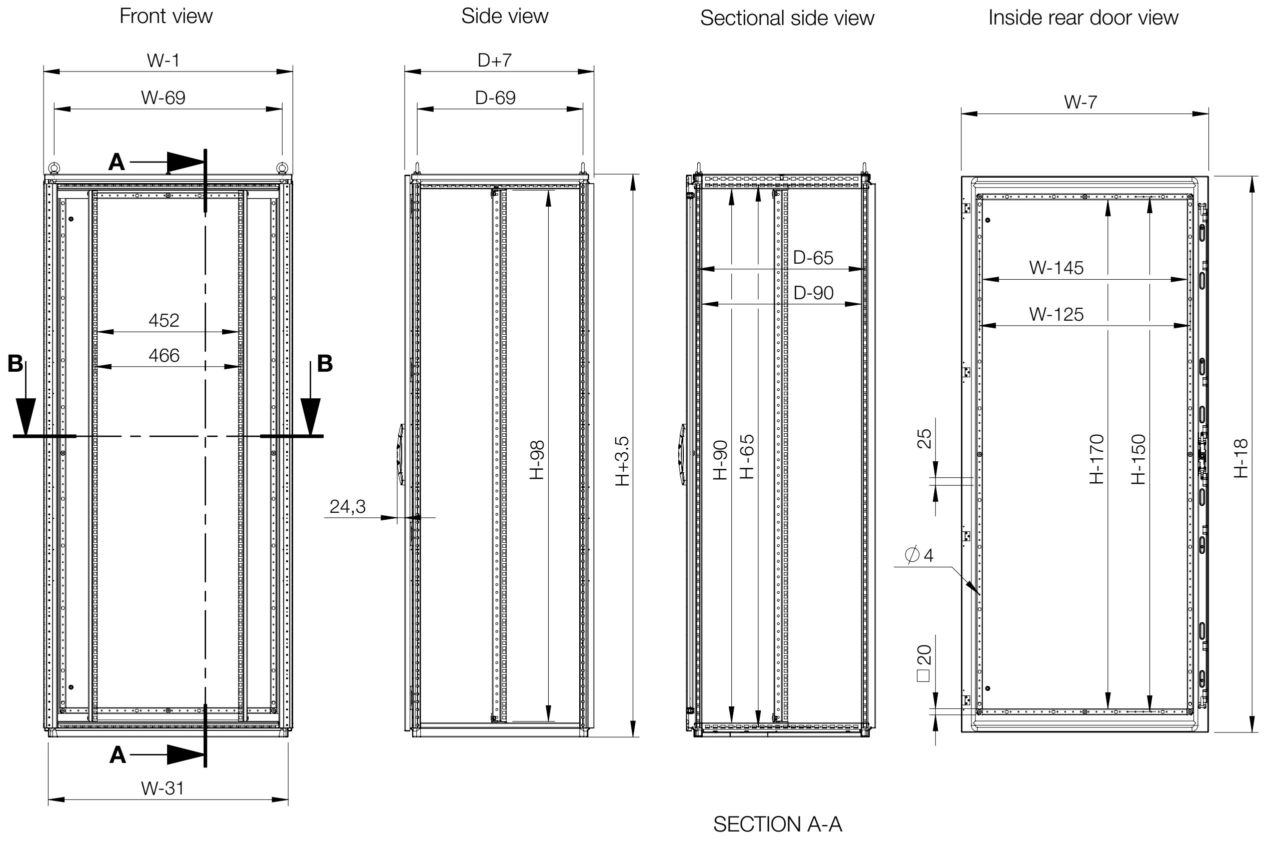
Delivery:
Frame with fitted rear door, roof panel, bottom plates. 19" profiles at front and fixing brackets CIB. For enclosures 2200 mm height, delivery includes two CMB profiles mounted in depth. Delivery also includes earthing bolts. Delivered on a pallet which is identical to the width of the enclosure to allow baying without removal. All packing material is recyclable.

Dimensional table | MCI

IP 55 | TYPE 12, 13 | IK 10

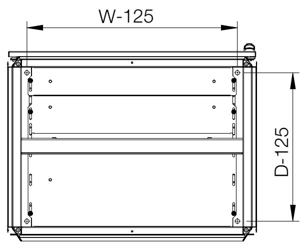
Enclosure dimensions				
H	**W**	**D**	**Height U**	**Item no.**
1100	600	600	22	MCI11066R5
1400	800	600	29	MCI14086R5
1600	600	600	33	MCI16066R5
1800	600	600	38	MCI18066R5
1800	600	800	38	MCI18068R5
1800	800	600	38	MCI18086R5
2000	600	600	42	MCI20066R5
2000	600	800	42	MCI20068R5
2000	800	600	42	MCI20086R5
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

Dimensional drawing | MCI

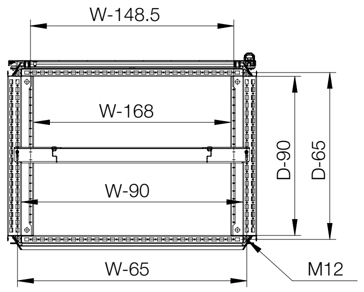

Front view
Side view
Sectional side view
Inside rear door view
W-1
W-69
A
A
B
B
452
466
W-31
D+7
D-69
24,3
H-98
H+3,5
D-65
D-90
H-90
H-65
W-7
W-145
W-125
25
∅4
□20
H-170
H-150
H-18

SECTION A-A

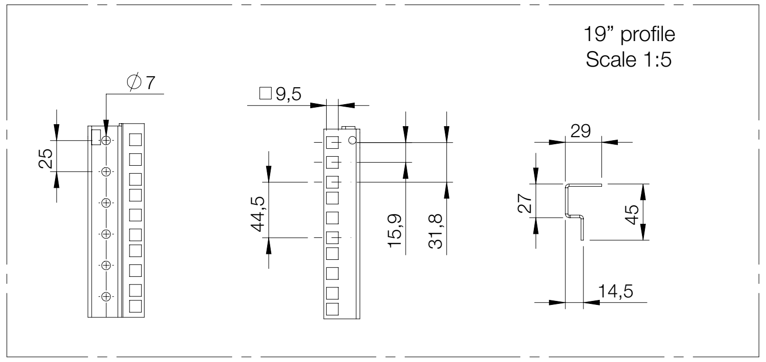
Sectional top view



Sectional top view
(without bottom plates)


W-148.5
W-168
W-90
W-65
D-90
D-65
M12

SECTION B-B

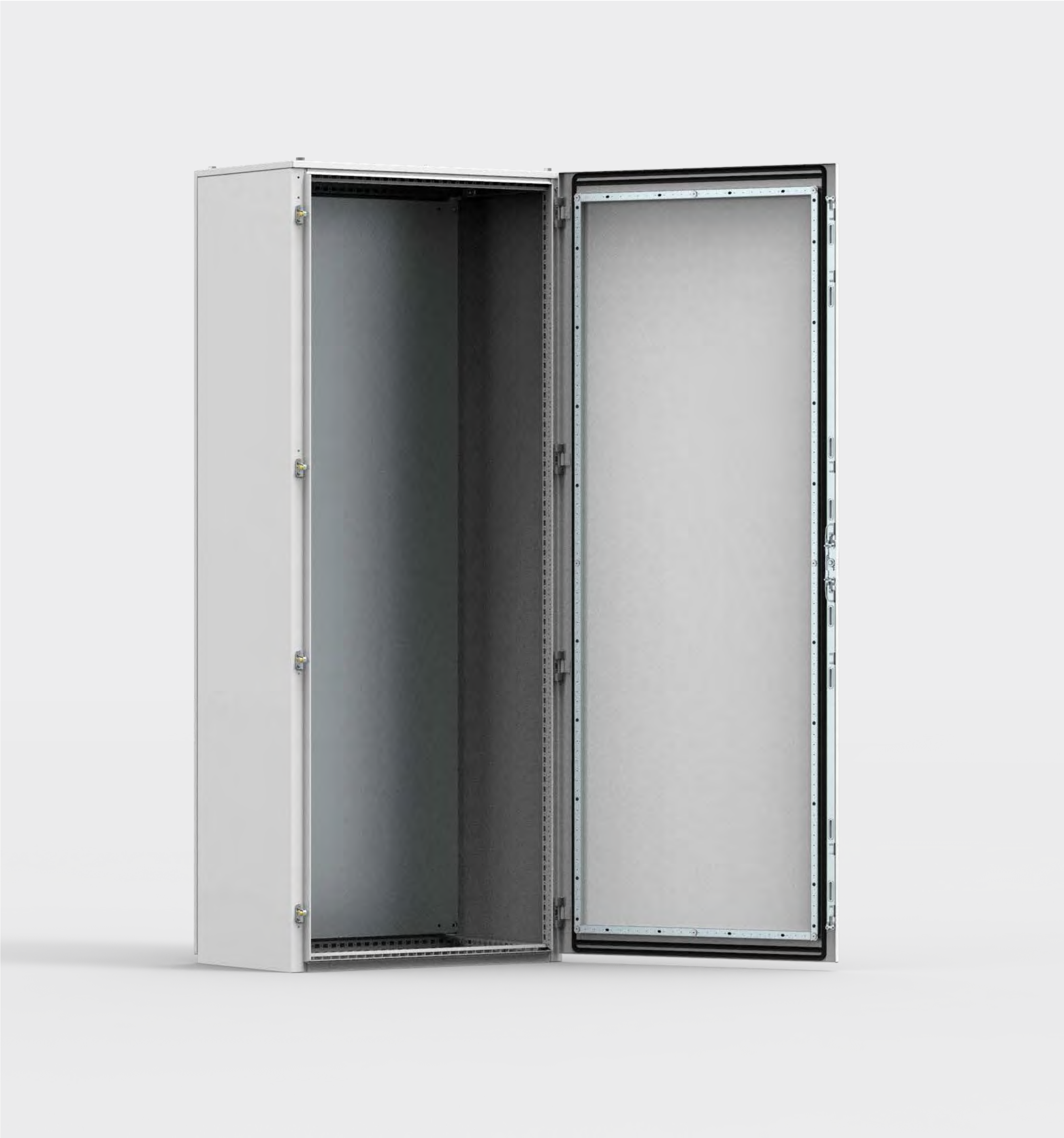

19" profile
Scale 1:5
∅7
25
□9,5
44,5
15,9
31,8
29
27
45
14,5

Floor Standing Enclosures

Steel Range | Mild Steel

Compact, single door | MKS

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.

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, 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:
RAL 7035 structured powder coating.

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

Delivery:
Body with fitted door, rear panel, roof panel, bottom plates, mounting plate and door frame (except PE version). 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 55 | TYPE 12, 13 | IK 10

With mounting plate

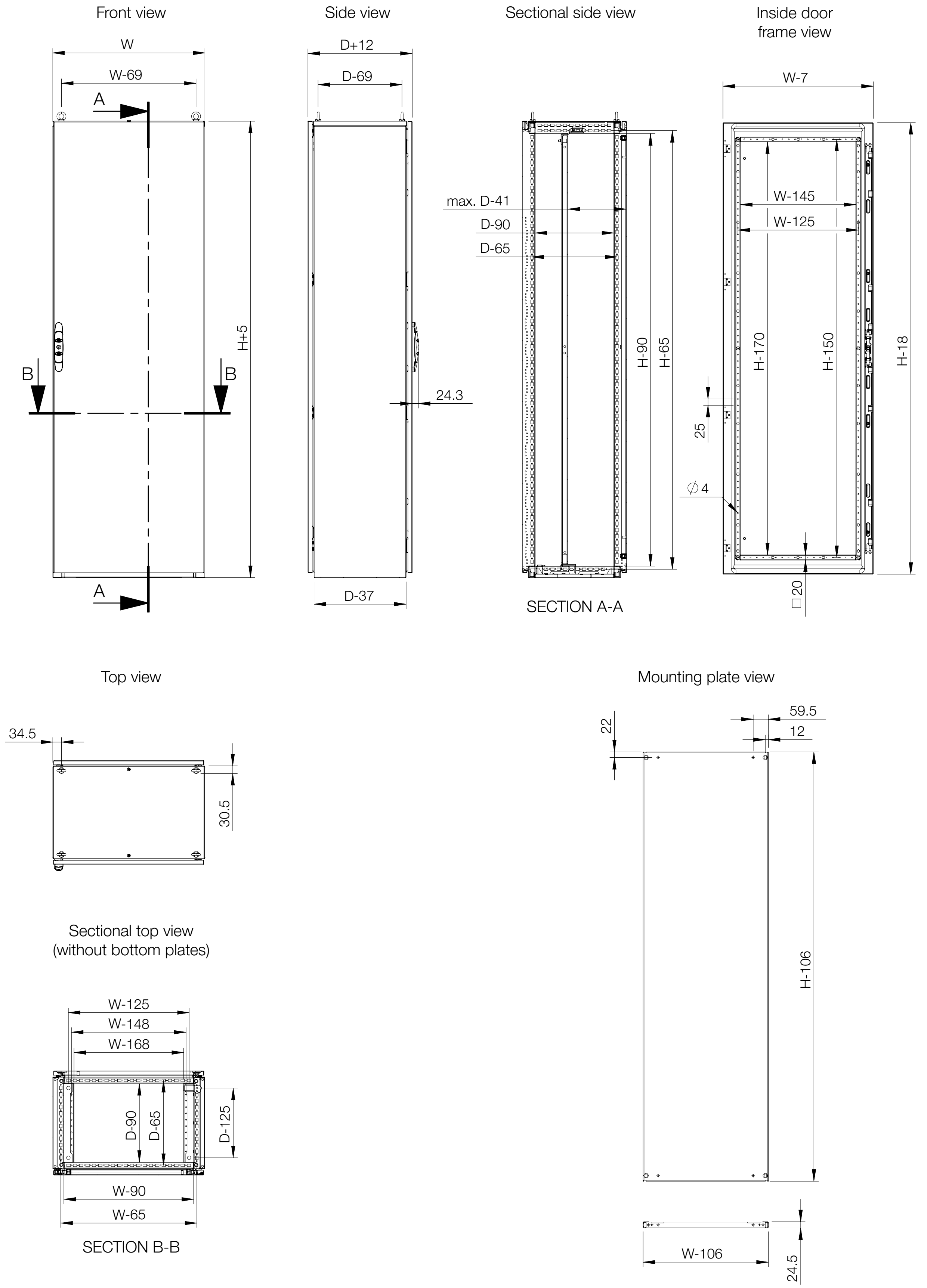
Enclosure dimensions			Mounting plate dimensions		Usable depth	
H	W	D	h	w	d	Item no.
1200	600	400	1094	494	359	MKS12064R5
1200	800	400	1094	694	359	MKS12084R5
1400	600	300	1294	494	259	MKS14063R5
1400	600	400	1294	494	359	MKS14064R5
1400	800	300	1294	694	259	MKS14083R5
1400	800	400	1294	694	359	MKS14084R5
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

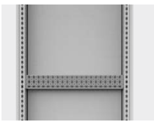
Enclosure dimensions			
H	W	D	Item no.
1200	600	400	MKS12064PER5
1200	800	400	MKS12084PER5
1400	600	300	MKS14063PER5
1400	600	400	MKS14064PER5
1400	800	300	MKS14083PER5
1400	800	400	MKS14084PER5
1600	600	300	MKS16063PER5
1600	600	400	MKS16064PER5
1600	800	300	MKS16083PER5
1600	800	400	MKS16084PER5
1600	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.

Dimensional drawing | MKS


Front view
W
W-69
A
H+5
B
B
A
Side view
D+12
D-69
24.3
D-37
Sectional side view
max. D-41
D-90
D-65
H-90
H-65
SECTION A-A
Inside door frame view
W-7
W-145
W-125
H-170
H-150
H-18
25
∅4
□20
Top view
34.5
30.5
Sectional top view (without bottom plates)
W-125
W-148
W-168
D-90
D-65
D-125
W-90
W-65
SECTION B-B
Mounting plate view
22
59.5
12
H-106
W-106
24.5

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**	**Outer mounting profile, in W**
MKS12064R5	1200	600	400	MP1206	CLPF1200	CLPF600	CLPF400	CLPK600	CLPK400	CLPO600
MKS12084R5	1200	800	400	MP1208	CLPF1200	CLPF800	CLPF400	CLPK800	CLPK400	CLPO800
MKS14063R5	1400	600	300	MP1406	CLPF1400	CLPF600	CLPF300	CLPK600	CLPK300	CLPO600
MKS14064R5	1400	600	400	MP1406	CLPF1400	CLPF600	CLPF400	CLPK600	CLPK400	CLPO600
MKS14083R5	1400	800	300	MP1408	CLPF1400	CLPF800	CLPF300	CLPK800	CLPK300	CLPO800
MKS14084R5	1400	800	400	MP1408	CLPF1400	CLPF800	CLPF400	CLPK800	CLPK400	CLPO800
MKS16063R5	1600	600	300	MP1606	CLPF1600	CLPF600	CLPF300	CLPK600	CLPK300	CLPO600
MKS16064R5	1600	600	400	MP1606	CLPF1600	CLPF600	CLPF400	CLPK600	CLPK400	CLPO600
MKS16083R5	1600	800	300	MP1608	CLPF1600	CLPF800	CLPF300	CLPK800	CLPK300	CLPO800
MKS16084R5	1600	800	400	MP1608	CLPF1600	CLPF800	CLPF400	CLPK800	CLPK400	CLPO800
MKS16085R5	1600	800	500	MP1608	CLPF1600	CLPF800	CLPF500	CLPK800	CLPK500	CLPO800
MKS16104R5	1600	1000	400	MP1610	CLPF1600	CLPF1000	CLPF400	CLPK1000	CLPK400	CLPO1000
MKS16105R5	1600	1000	500	MP1610	CLPF1600	CLPF1000	CLPF500	CLPK1000	CLPK500	CLPO1000
MKS18064R5	1800	600	400	MP1806	CLPF1800	CLPF600	CLPF400	CLPK600	CLPK400	CLPO600
MKS18084R5	1800	800	400	MP1808	CLPF1800	CLPF800	CLPF400	CLPK800	CLPK400	CLPO800
MKS18085R5	1800	800	500	MP1808	CLPF1800	CLPF800	CLPF500	CLPK800	CLPK500	CLPO800
MKS18104R5	1800	1000	400	MP1810	CLPF1800	CLPF1000	CLPF400	CLPK1000	CLPK400	CLPO1000
MKS20064R5	2000	600	400	MP2006	CLPF2000	CLPF600	CLPF400	CLPK600	CLPK400	CLPO600
MKS20084R5	2000	800	400	MP2008	CLPF2000	CLPF800	CLPF400	CLPK800	CLPK400	CLPO800
MKS20085R5	2000	800	500	MP2008	CLPF2000	CLPF800	CLPF500	CLPK800	CLPK500	CLPO800
MKS20104R5	2000	1000	400	MP2010	CLPF2000	CLPF1000	CLPF400	CLPK1000	CLPK400	CLPO1000
MKS20105R5	2000	1000	500	MP2010	CLPF2000	CLPF1000	CLPF500	CLPK1000	CLPK500	CLPO1000

* 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).

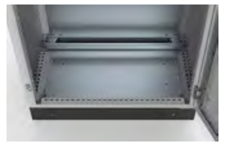
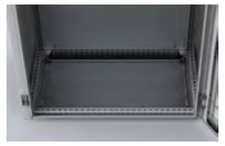
Enclosure				**Mounting**				
	H	**W**	**D**	**Side mounting bar**	**Full height swing frame**	**Swing frame middle mounted**	**Swing frame side mounted**	**Swing frame transversal support bars**
MKS12064R5	1200	600	400	CMB402	-	-	-	-
MKS12084R5	1200	800	400	CMB402	-	-	-	-
MKS14063R5	1400	600	300	CMB302	ESFC276	-	-	ESFB06
MKS14064R5	1400	600	400	CMB402	ESFC276	-	-	ESFB06
MKS14083R5	1400	800	300	CMB302	ESFC276	ESFM278	ESFS278	ESFB08
MKS14084R5	1400	800	400	CMB402	ESFC276	ESFM278	ESFS278	ESFB08
MKS16063R5	1600	600	300	CMB302	ESFC316	-	-	ESFB06
MKS16064R5	1600	600	400	CMB402	ESFC316	-	-	ESFB06
MKS16083R5	1600	800	300	CMB302	ESFC316	ESFM318	ESFS278	ESFB08
MKS16084R5	1600	800	400	CMB402	ESFC316	ESFM318	ESFS318	ESFB08
MKS16085R5	1600	800	500	CMB502	ESFC316	ESFM318	ESFS318	ESFB08
MKS16104R5	1600	1000	400	CMB402	ESFC316	ESFM318	ESFS318	ESFB10
MKS16105R5	1600	1000	500	CMB502	ESFC316	ESFM318	ESFS318	ESFB10
MKS18064R5	1800	600	400	CMB402	ESFC366	-	-	ESFB06
MKS18084R5	1800	800	400	CMB402	ESFC366	ESFM368	ESFS368	ESFB08
MKS18085R5	1800	800	500	CMB502	ESFC366	ESFM368	ESFS368	ESFB08
MKS18104R5	1800	1000	400	CMB402	ESFC366	ESFM368	ESFS368	ESFB10
MKS20064R5	2000	600	400	CMB402	ESFC406	-	-	ESFB06
MKS20084R5	2000	800	400	CMB402	ESFC406	ESFM408	ESFS408	ESFB08
MKS20085R5	2000	800	500	CMB502	ESFC406	ESFM408	ESFS408	ESFB08
MKS20104R5	2000	1000	400	CMB402	ESFC406	ESFM408	ESFS408	ESFB10
MKS20105R5	2000	1000	500	CMB502	ESFC406	ESFM408	ESFS408	ESFB10

Enclosure				**Mounting**		**Doors**		
	H	**W**	**D**	**Mounting profiles (19") ***	**Brackets for fixing 19" mounting profiles**	**Plain door ****	**Glazed door ****	**Inner door**
MKS12064R5	1200	600	400	CIP24	CIB600	DN1206R5	DNG1206R5	DI1206R5
MKS12084R5	1200	800	400	CIP24	CIB800	DN1208R5	DNG1208R5	DI1208R5
MKS14063R5	1400	600	300	CIP29	CIB600	DN1406R5	DNG1406R5	DI1406R5
MKS14064R5	1400	600	400	CIP29	CIB600	DN1406R5	DNG1406R5	DI1406R5
MKS14083R5	1400	800	300	CIP29	CIB800	DN1408R5	DNG1408R5	DI1408R5
MKS14084R5	1400	800	400	CIP29	CIB800	DN1408R5	DNG1408R5	DI1408R5
MKS16063R5	1600	600	300	CIP33	CIB600	DN1606R5	DNG1606R5	DI1606R5
MKS16064R5	1600	600	400	CIP33	CIB600	DN1606R5	DNG1606R5	DI1606R5
MKS16083R5	1600	800	300	CIP33	CIB800	DN1608R5	DNG1608R5	DI1608R5
MKS16084R5	1600	800	400	CIP33	CIB800	DN1608R5	DNG1608R5	DI1608R5
MKS16085R5	1600	800	500	CIP33	CIB800	DN1608R5	DNG1608R5	DI1608R5
MKS16104R5	1600	1000	400	-	-	DN1610R5	-	-
MKS16105R5	1600	1000	500	-	-	DN1610R5	-	-
MKS18064R5	1800	600	400	CIP38	CIB600	DN1806R5	DNG1806R5	DI1806R5
MKS18084R5	1800	800	400	CIP38	CIB800	DN1808R5	DNG1808R5	DI1808R5
MKS18085R5	1800	800	500	CIP38	CIB800	DN1808R5	DNG1808R5	DI1808R5
MKS18104R5	1800	1000	400	-	-	DN1810R5	-	-
MKS20064R5	2000	600	400	CIP42	CIB600	DN2006R5	DNG2006R5	DI2006R5
MKS20084R5	2000	800	400	CIP42	CIB800	DN2008R5	DNG2008R5	DI2008R5
MKS20085R5	2000	800	500	CIP42	CIB800	DN2008R5	DNG2008R5	DI2008R5
MKS20104R5	2000	1000	400	-	-	DN2010R5	-	-
MKS20105R5	2000	1000	500	-	-	DN2010R5	-	-

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

Enclosure				**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)**	**Ventilated front/rear plinths**
MKS12064R5	1200	600	400	PF1060	PS1040	PF2060	PS2040	PV1060
MKS12084R5	1200	800	400	PF1080	PS1040	PF2080	PS2040	PV1080
MKS14063R5	1400	600	300	PF1060	PS1030	PF2060	PS2030	PV1060
MKS14064R5	1400	600	400	PF1060	PS1040	PF2060	PS2040	PV1060
MKS14083R5	1400	800	300	PF1080	PS1030	PF2080	PS2030	PV1080
MKS14084R5	1400	800	400	PF1080	PS1040	PF2080	PS2040	PV1080
MKS16063R5	1600	600	300	PF1060	PS1030	PF2060	PS2030	PV1060
MKS16064R5	1600	600	400	PF1060	PS1040	PF2060	PS2040	PV1060
MKS16083R5	1600	800	300	PF1080	PS1030	PF2080	PS2030	PV1080
MKS16084R5	1600	800	400	PF1080	PS1040	PF2080	PS2040	PV1080
MKS16085R5	1600	800	500	PF1080	PS1050	PF2080	PS2050	PV1080
MKS16104R5	1600	1000	400	PF1100	PS1040	PF2100	PS2040	PV1100
MKS16105R5	1600	1000	500	PF1100	PS1050	PF2100	PS2050	PV1100
MKS18064R5	1800	600	400	PF1060	PS1040	PF2060	PS2040	PV1060
MKS18084R5	1800	800	400	PF1080	PS1040	PF2080	PS2040	PV1080
MKS18085R5	1800	800	500	PF1080	PS1050	PF2080	PS2050	PV1080
MKS18104R5	1800	1000	400	PF1100	PS1040	PF2100	PS2040	PV1100
MKS20064R5	2000	600	400	PF1060	PS1040	PF2060	PS2040	PV1060
MKS20084R5	2000	800	400	PF1080	PS1040	PF2080	PS2040	PV1080
MKS20085R5	2000	800	500	PF1080	PS1050	PF2080	PS2050	PV1080
MKS20104R5	2000	1000	400	PF1100	PS1040	PF2100	PS2040	PV1100
MKS20105R5	2000	1000	500	PF1100	PS1050	PF2100	PS2050	PV1100

Accessories selection matrix | MKS

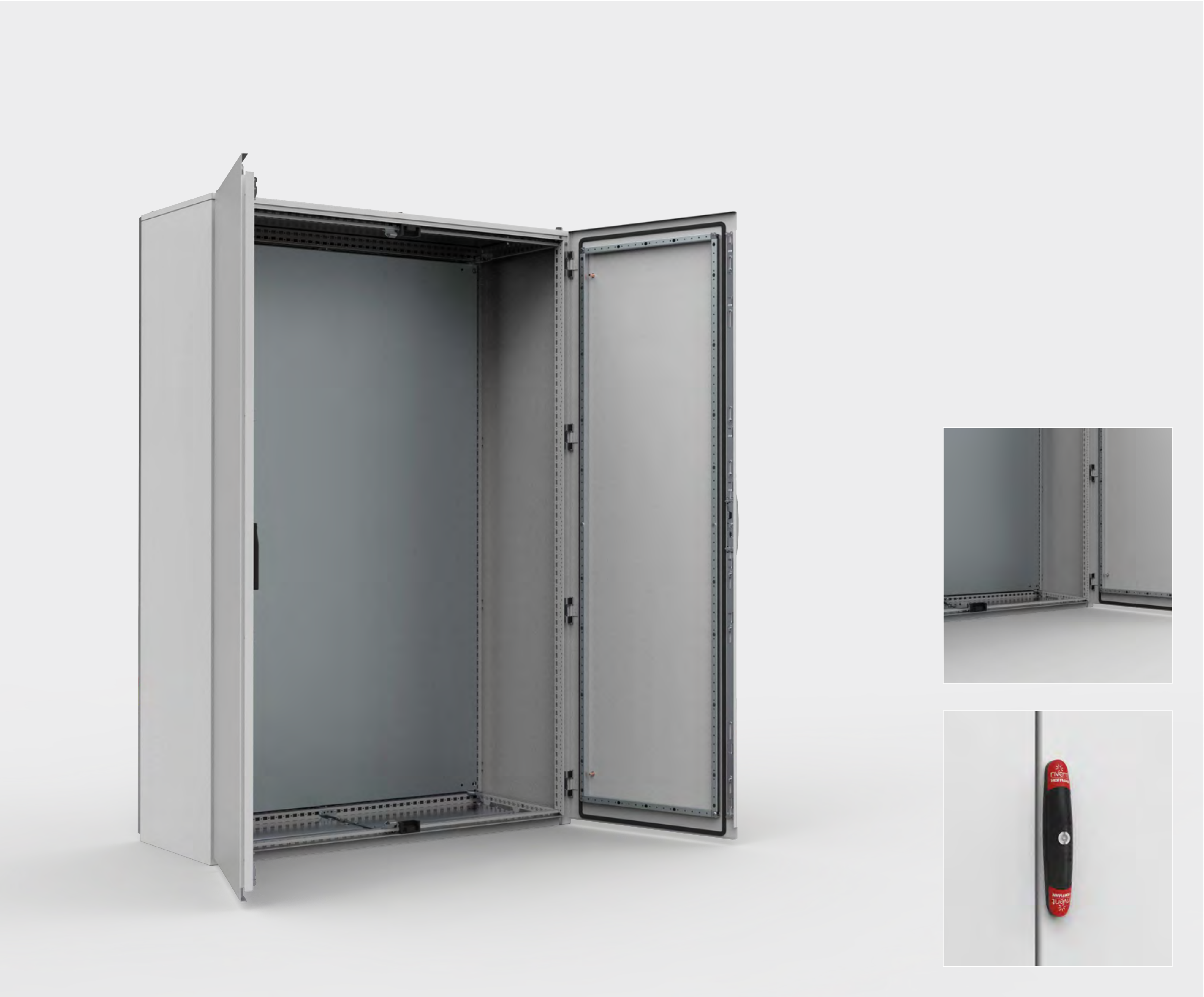
							
Enclosure				**Thermal**	**Cable**		
	H	**W**	**D**	**Ventilated roof**	**Cable fixing bar (mounted below bottom plates)**	**Cable fixing bar (mounted above bottom plates)**	**Ventilated bottom plates**
MKS12064R5	1200	600	400	CVR0604R5	CABP600	CAB600	CVB0604
MKS12084R5	1200	800	400	CVR0804R5	CABP800	CAB800	CVB0804
MKS14063R5	1400	600	300	CVR0603R5	CABP600	CAB600	-
MKS14064R5	1400	600	400	CVR0604R5	CABP600	CAB600	CVB0604
MKS14083R5	1400	800	300	CVR0803R5	CABP800	CAB800	-
MKS14084R5	1400	800	400	CVR0804R5	CABP800	CAB800	CVB0804
MKS16063R5	1600	600	300	CVR0603R5	CABP600	CAB600	-
MKS16064R5	1600	600	400	CVR0604R5	CABP600	CAB600	CVB0604
MKS16083R5	1600	800	300	CVR0803R5	CABP800	CAB800	-
MKS16084R5	1600	800	400	CVR0804R5	CABP800	CAB800	CVB0804
MKS16085R5	1600	800	500	CVR0805R5	CABP800	CAB800	CVB0805
MKS16104R5	1600	1000	400	CVR1004R5	CABP1000	CAB1000	CVB1004
MKS16105R5	1600	1000	500	CVR1005R5	CABP1000	CAB1000	CVB1005
MKS18064R5	1800	600	400	CVR0604R5	CABP600	CAB600	CVB0604
MKS18084R5	1800	800	400	CVR0804R5	CABP800	CAB800	CVB0804
MKS18085R5	1800	800	500	CVR0805R5	CABP800	CAB800	CVB0805
MKS18104R5	1800	1000	400	CVR1004R5	CABP1000	CAB1000	CVB1004
MKS20064R5	2000	600	400	CVR0604R5	CABP600	CAB600	CVB0604
MKS20084R5	2000	800	400	CVR0804R5	CABP800	CAB800	CVB0804
MKS20085R5	2000	800	500	CVR0805R5	CABP800	CAB800	CVB0805
MKS20104R5	2000	1000	400	CVR1004R5	CABP1000	CAB1000	CVB1004
MKS20105R5	2000	1000	500	CVR1005R5	CABP1000	CAB1000	CVB1005

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. 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, 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:
RAL 7035 structured powder coating.

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

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

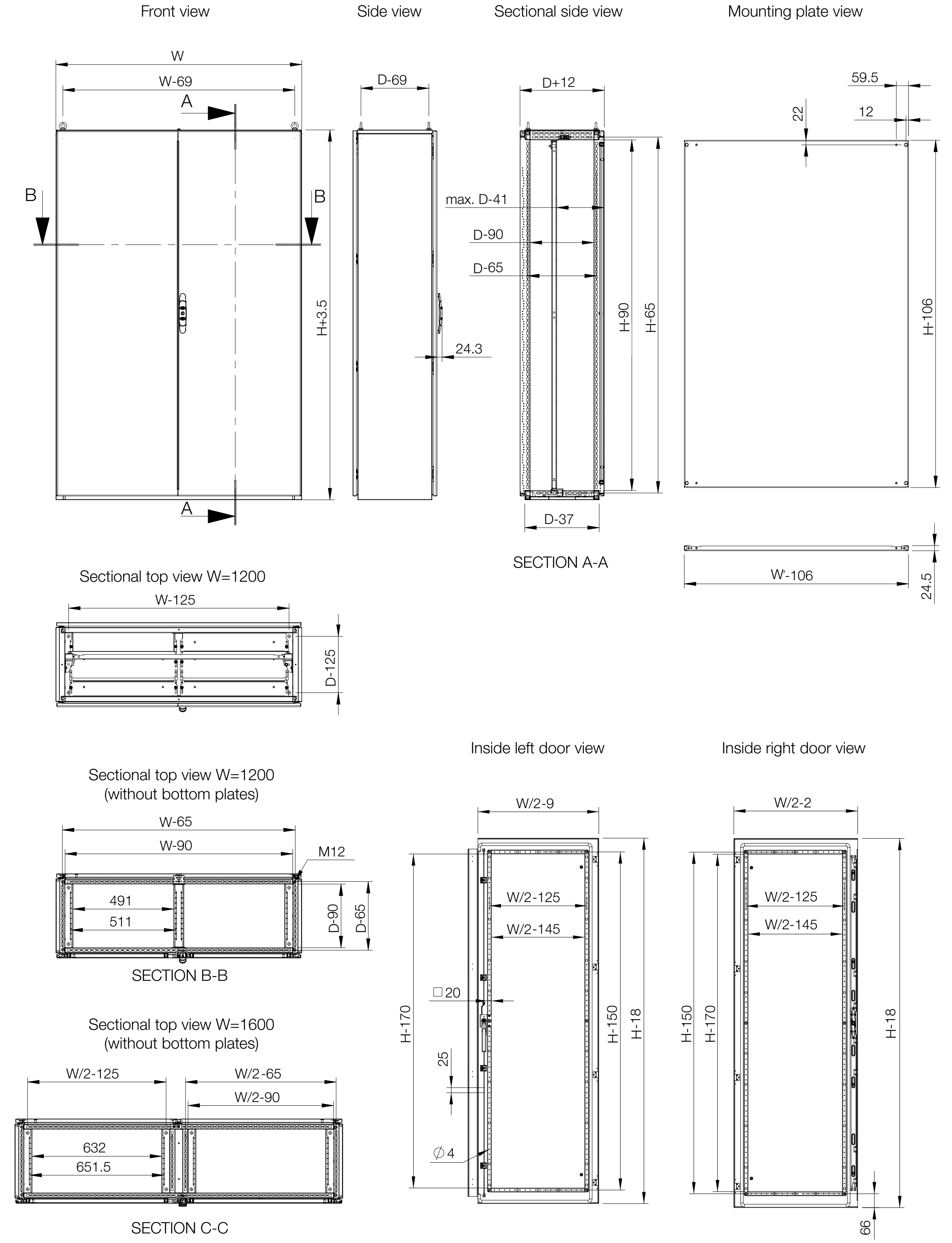
Enclosure dimensions			Mounting plate dimensions		Usable depth	
H	**W**	**D**	**h**	**w**	**d**	**Item no.**
1200	1200	400	1094	1094	359	MKD12124R5
1400	1000	300	1294	894	259	MKD14103R5
1400	1000	400	1294	894	359	MKD14104R5
1400	1200	300	1294	1094	259	MKD14123R5
1400	1200	400	1294	1094	359	MKD14124R5
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			
H	**W**	**D**	**Item no.**
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.

Dimensional drawing | MKD


Front view
Side view
Sectional side view
Mounting plate view
W
W-69
A
B
B
H+3.5
A
D-69
24.3
D+12
max. D-41
D-90
D-65
H-90
H-65
D-37
SECTION A-A
59.5
12
22
H-106
W-106
24.5
Sectional top view W=1200
W-125
D-125
Sectional top view W=1200
(without bottom plates)
W-65
W-90
M12
491
511
D-90
D-65
SECTION B-B
Sectional top view W=1600
(without bottom plates)
W/2-125
W/2-65
W/2-90
632
651.5
SECTION C-C
Inside left door view
W/2-9
W/2-125
W/2-145
□20
25
∅4
H-170
H-150
H-18
Inside right door view
W/2-2
W/2-125
W/2-145
H-150
H-170
H-18
66

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**	**Outer mounting profile, in W**
MKD12124R5	1200	1200	400	MP1212	CLPF1200	CLPF1200	CLPF400	CLPK1200	CLPK400	CMB402	CLPO1200
MKD14103R5	1400	1000	300	MP1410	CLPF1400	CLPF1000	CLPF300	CLPK1000	CLPK300	CMB302	CLPO1000
MKD14104R5	1400	1000	400	MP1410	CLPF1400	CLPF1000	CLPF400	CLPK1000	CLPK400	CMB402	CLPO1000
MKD14123R5	1400	1200	300	MP1412	CLPF1400	CLPF1200	CLPF300	CLPK1200	CLPK300	CMB302	CLPO1200
MKD14124R5	1400	1200	400	MP1412	CLPF1400	CLPF1200	CLPF400	CLPK1200	CLPK400	CMB402	CLPO1200
MKD16124R5	1600	1200	400	MP1612	CLPF1600	CLPF1200	CLPF400	CLPK1200	CLPK400	CMB402	CLPO1200
MKD16125R5	1600	1200	500	MP1612	CLPF1600	CLPF1200	CLPF500	CLPK1200	CLPK500	CMB502	CLPO1200
MKD18124R5	1800	1200	400	MP1812	CLPF1800	CLPF1200	CLPF400	CLPK1200	CLPK400	CMB402	CLPO1200
MKD18125R5	1800	1200	500	MP1812	CLPF1800	CLPF1200	CLPF500	CLPK1200	CLPK500	CMB502	CLPO1200
MKD18164R5	1800	1600	400	MP1816	CLPF1800	CLPF1600	CLPF400	-	CLPK400	CMB402	-
MKD18165R5	1800	1600	500	MP1816	CLPF1800	CLPF1600	CLPF500	-	CLPK500	CMB502	-
MKD20124R5	2000	1200	400	MP2012	CLPF2000	CLPF1200	CLPF400	CLPK1200	CLPK400	CMB402	CLPO1200
MKD20125R5	2000	1200	500	MP2012	CLPF2000	CLPF1200	CLPF500	CLPK1200	CLPK500	CMB502	CLPO1200
MKD20164R5	2000	1600	400	MP2016	CLPF2000	CLPF1600	CLPF400	-	CLPK400	CMB402	-
MKD20165R5	2000	1600	500	MP2016	CLPF2000	CLPF1600	CLPF500	-	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	PF2120	PS2040	PV1120	DN1206LR5	DN1206RR5
MKD14103R5	1400	1000	300	PF1100	PS1030	PF2100	PS2030	PV1100	DN1405LR5	DN1405RR5
MKD14104R5	1400	1000	400	PF1100	PS1040	PF2100	PS2040	PV1100	DN1405LR5	DN1405RR5
MKD14123R5	1400	1200	300	PF1120	PS1030	PF2120	PS2030	PV1120	DN1406LR5	DN1406RR5
MKD14124R5	1400	1200	400	PF1120	PS1040	PF2120	PS2040	PV1120	DN1406LR5	DN1406RR5
MKD16124R5	1600	1200	400	PF1120	PS1040	PF2120	PS2040	PV1120	DN1606LR5	DN1606RR5
MKD16125R5	1600	1200	500	PF1120	PS1050	PF2120	PS2050	PV1120	DN1606LR5	DN1606RR5
MKD18124R5	1800	1200	400	PF1120	PS1040	PF2120	PS2040	PV1120	DN1806LR5	DN1806RR5
MKD18125R5	1800	1200	500	PF1120	PS1050	PF2120	PS2050	PV1120	DN1806LR5	DN1806RR5
MKD18164R5	1800	1600	400	2x PF1080	PS1040	2x PF2080	PS2040	2x PV1080	DN1808LR5	DN1808RR5
MKD18165R5	1800	1600	500	2x PF1080	PS1050	2x PF2080	PS2050	2x PV1080	DN1808LR5	DN1808RR5
MKD20124R5	2000	1200	400	PF1120	PS1040	PF2120	PS2040	PV1120	DN2006LR5	DN2006RR5
MKD20125R5	2000	1200	500	PF1120	PS1050	PF2120	PS2050	PV1120	DN2006LR5	DN2006RR5
MKD20164R5	2000	1600	400	2x PF1080	PS1040	2x PF2080	PS2040	2x PV1080	DN2008LR5	DN2008RR5
MKD20165R5	2000	1600	500	2x PF1080	PS1050	2x PF2080	PS2050	2x PV1080	DN2008LR5	DN2008RR5

* DNMK is required for additional door.

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	1600	1200	500	CVR1205R5	CABP1200	CAB1200	-
MKD18124R5	1800	1200	400	CVR1204R5	CABP1200	CAB1200	-
MKD18125R5	1800	1200	500	CVR1205R5	CABP1200	CAB1200	-
MKD18164R5	1800	1600	400	CVR1604R5	CABP800	CAB800	2x CVB0804
MKD18165R5	1800	1600	500	CVR1605R5	CABP800	CAB800	2x CVB0805
MKD20124R5	2000	1200	400	CVR1204R5	CABP1200	CAB1200	-
MKD20125R5	2000	1200	500	CVR1205R5	CABP1200	CAB1200	-
MKD20164R5	2000	1600	400	CVR1604R5	CABP800	CAB800	2x CVB0804
MKD20165R5	2000	1600	500	CVR1605R5	CABP800	CAB800	2x CVB0805

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

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 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-handle 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 supplied, 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:
400 pre-grained stainless steel.

Protection:
Corresponds with IP 55 | TYPE 12, 13 | IK 10.

Mounting requirements:
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 baying without removal. All packing material is recyclable.

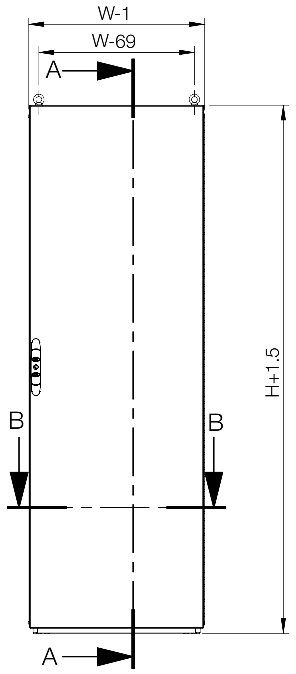
Dimensional table | MCSS

IP 55 | TYPE 12, 13 | IK 10

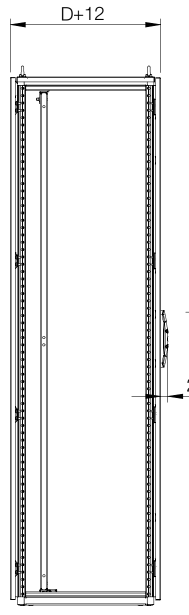
Enclosure dimensions			Mounting plate dimensions		
H	W	D	h	w	Item no.
1800	600	500	1694	494	MCSS18065
1800	600	500	1694	494	MCSS18065-316
1800	800	500	1694	694	MCSS18085
1800	800	500	1694	694	MCSS18085-316
1800	1000	500	1694	894	MCSS18105
1800	1000	500	1694	894	MCSS18105-316
2000	600	600	1894	494	MCSS20066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

Dimensional drawing | MCSS

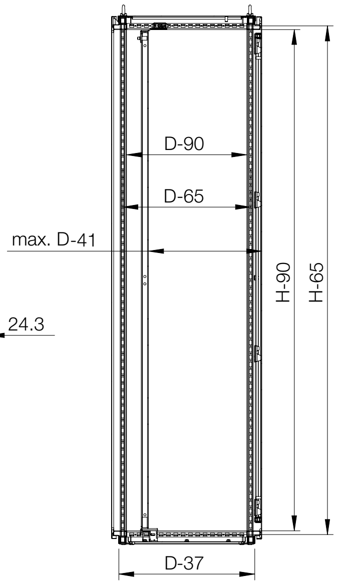
Front view


W-1
W-69
A
B
B
H+1.5
A

Side view

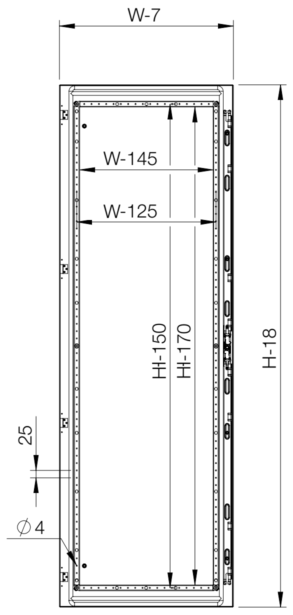


Sectional side view

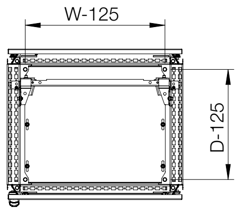

D-90
D-65
max. D-41
H-90
H-65
D-37

SECTION A-A

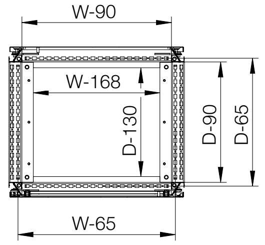
Inside door frame view


W-7
W-145
W-125
25
∅4
HI-150
HI-170
H-18

Sectional top view

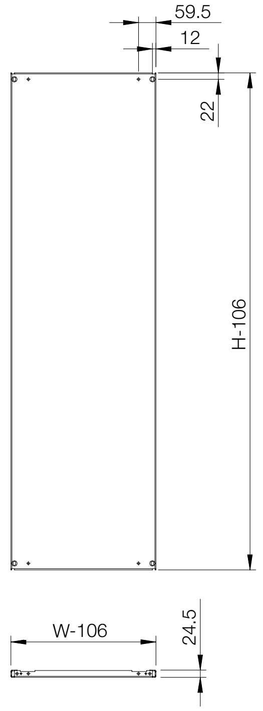


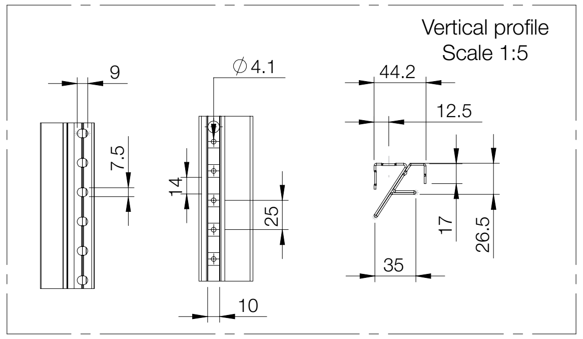
Sectional top view
(without bottom plates)


W-90
W-168
D-130
D-90
D-65
W-65

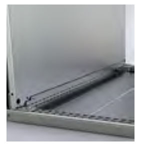
SECTION B-B

Mounting plate view


59.5
12
22
H-106
W-106
24.5


Vertical profile
Scale 1:5
9
7.5
∅4.1
14
25
10
44.2
12.5
17
26.5
35

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	-	-	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	-	-	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**	**Outer mounting profile, in W**	**Outer mounting profile, in D**
MCSS18065	1800	600	500	CLPF1800	CLPF600	CLPF500	CLPK600	CLPK500	CLPO600	CLPO500
MCSS18085	1800	800	500	CLPF1800	CLPF800	CLPF500	CLPK800	CLPK500	CLPO800	CLPO500
MCSS18105	1800	1000	500	CLPF1800	CLPF1000	CLPF500	CLPK1000	CLPK500	CLPO1000	CLPO500
MCSS20066	2000	600	600	CLPF2000	CLPF600	CLPF600	CLPK600	CLPK600	CLPO600	CLPO600
MCSS20086	2000	800	600	CLPF2000	CLPF800	CLPF600	CLPK800	CLPK600	CLPO800	CLPO600
MCSS20106	2000	1000	600	CLPF2000	CLPF1000	CLPF600	CLPK1000	CLPK600	CLPO1000	CLPO600

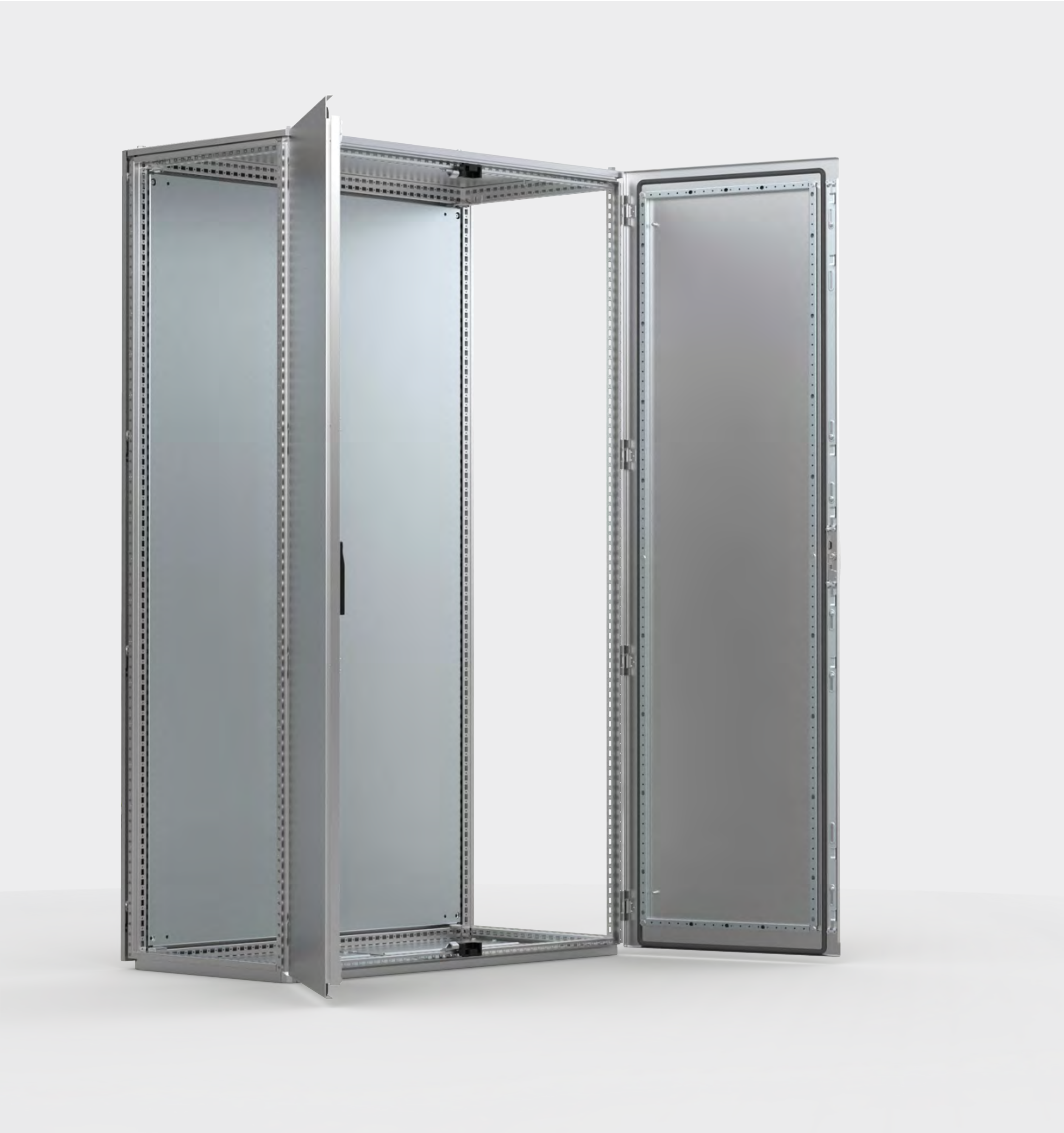
Enclosure				**Fixing**			
	H	**W**	**D**	**Full height swing frame ***	**Swing frame middle mounted ***	**Swing frame side mounted ***	**Swing frame transversal support bars**
MCSS18065	1800	600	500	ESFC366	-	-	ESFB06
MCSS18085	1800	800	500	ESFC366	ESFM368	ESFS368	ESFB08
MCSS18105	1800	1000	500	ESFC366	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.							

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**	**Segregation plate ****	**Cable fixing bar (mounted above bottom plates)**
MCSS18065	1800	600	500	DNSS1806	DNGS1806	DI1806R5	SPMS1805	SPDS1805	CAB600
MCSS18085	1800	800	500	DNSS1808	DNGS1808	DI1808R5	SPMS1805	SPDS1805	CAB800
MCSS18105	1800	1000	500	DNSS1810	DNGS1810	-	SPMS1805	SPDS1805	CAB1000
MCSS20066	2000	600	600	DNSS2006	DNGS2006	DI2006R5	SPMS2006	SPDS2006	CAB600
MCSS20086	2000	800	600	DNSS2008	DNGS2008	DI2008R5	SPMS2006	SPDS2006	CAB800
MCSS20106	2000	1000	600	DNSS2010	DNGS2010	-	SPMS2006	SPDS2006	CAB1000
* DNMKS is required for each additional door. ** CCJ is required.									

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. Standard inserts, cylinders, lift handles and T-handle are available as accessories.

Bottom plates:
Two piece bottom plate in 1200 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:
400 pre-grained stainless steel.

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

Mounting requirements:
Standard delivery ready for combined installation. For stand-alone installation, add side panels.

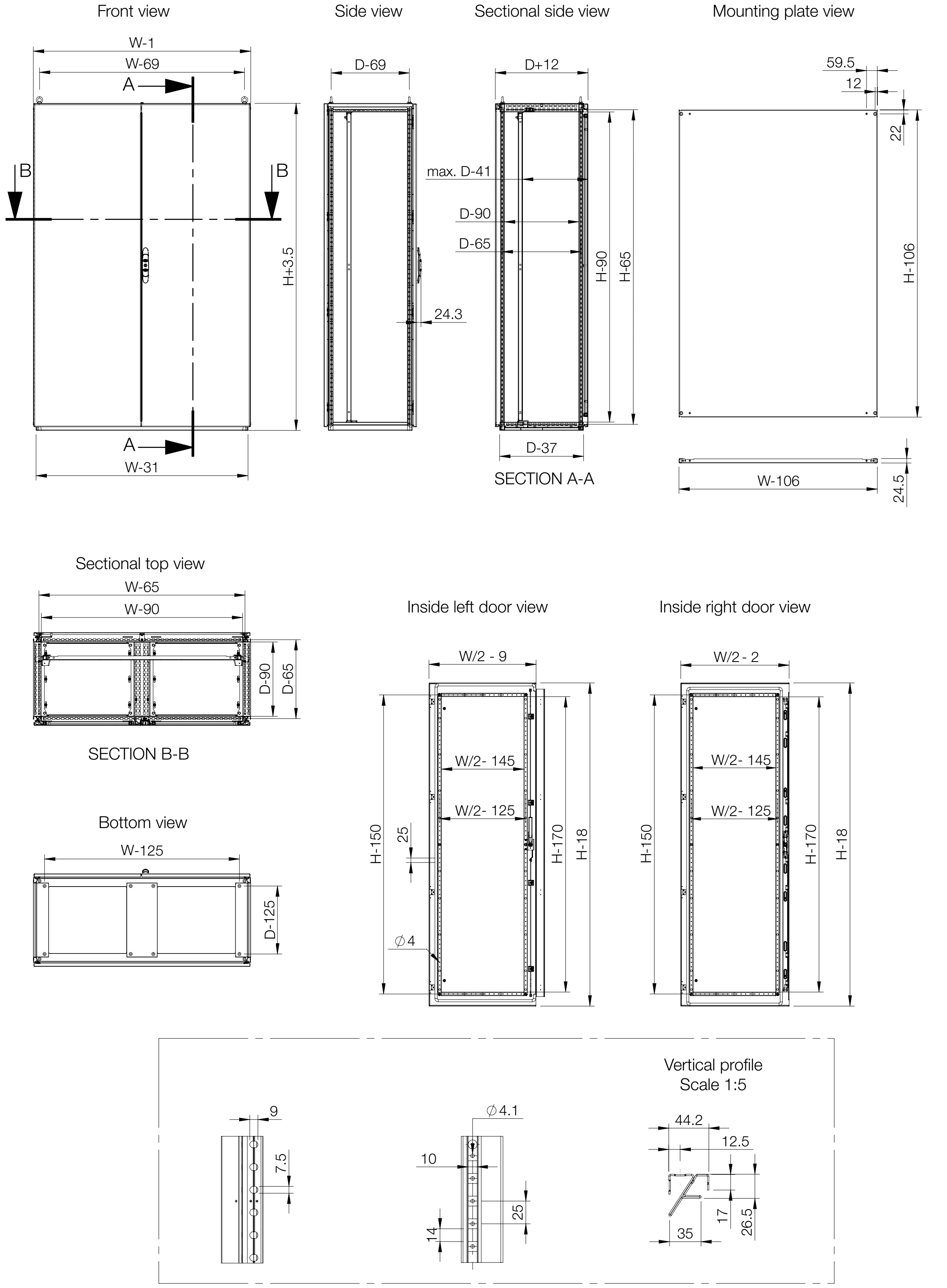
Delivery:
Frame with fitted doors, rear panel, roof panel, bottom plates, mounting plate and door frame. Delivery also includes earthing bolts. Delivered on a pallet which is identical to the width of the enclosure to allow baying without removal. Packing material is recyclable.

Dimensional table | MCDS

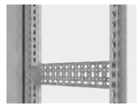
IP 55 | TYPE 12, 13 | IK 10

Enclosure dimensions			Mounting plate dimensions		
H	**W**	**D**	**h**	**w**	**Item no.**
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

Dimensional drawing | MCDS


Front view
W-1
W-69
A
B
B
H+3.5
A
W-31
Side view
D-69
24.3
Sectional side view
D+12
max. D-41
D-90
D-65
H-90
H-65
D-37
SECTION A-A
Mounting plate view
59.5
12
22
H-106
W-106
24.5
Sectional top view
W-65
W-90
D-90
D-65
SECTION B-B
Bottom view
W-125
D-125
Inside left door view
W/2 - 9
W/2- 145
W/2- 125
H-150
25
∅4
H-170
H-18
Inside right door view
W/2 - 2
W/2- 145
W/2- 125
H-150
H-170
H-18
Vertical profile
Scale 1:5
9
7.5
∅4.1
10
14
25
44.2
12.5
35
17
26.5

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**	**Outer mounting profile, in W**	**Outer mounting profile, in D**
MCDS18105	1800	1000	500	MP1810	MPW1810	MTS1000	CLPF1800	CLPF1000	CLPF500	CLPO1000	CLPO500
MCDS18125	1800	1200	500	MP1812	MPW1812	MTS1200	CLPF1800	CLPF1200	CLPF500	CLPO1200	CLPO500
MCDS20126	2000	1200	600	MP2012	MPW2012	MTS1200	CLPF2000	CLPF1200	CLPF600	CLPO1200	CLPO600

* 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

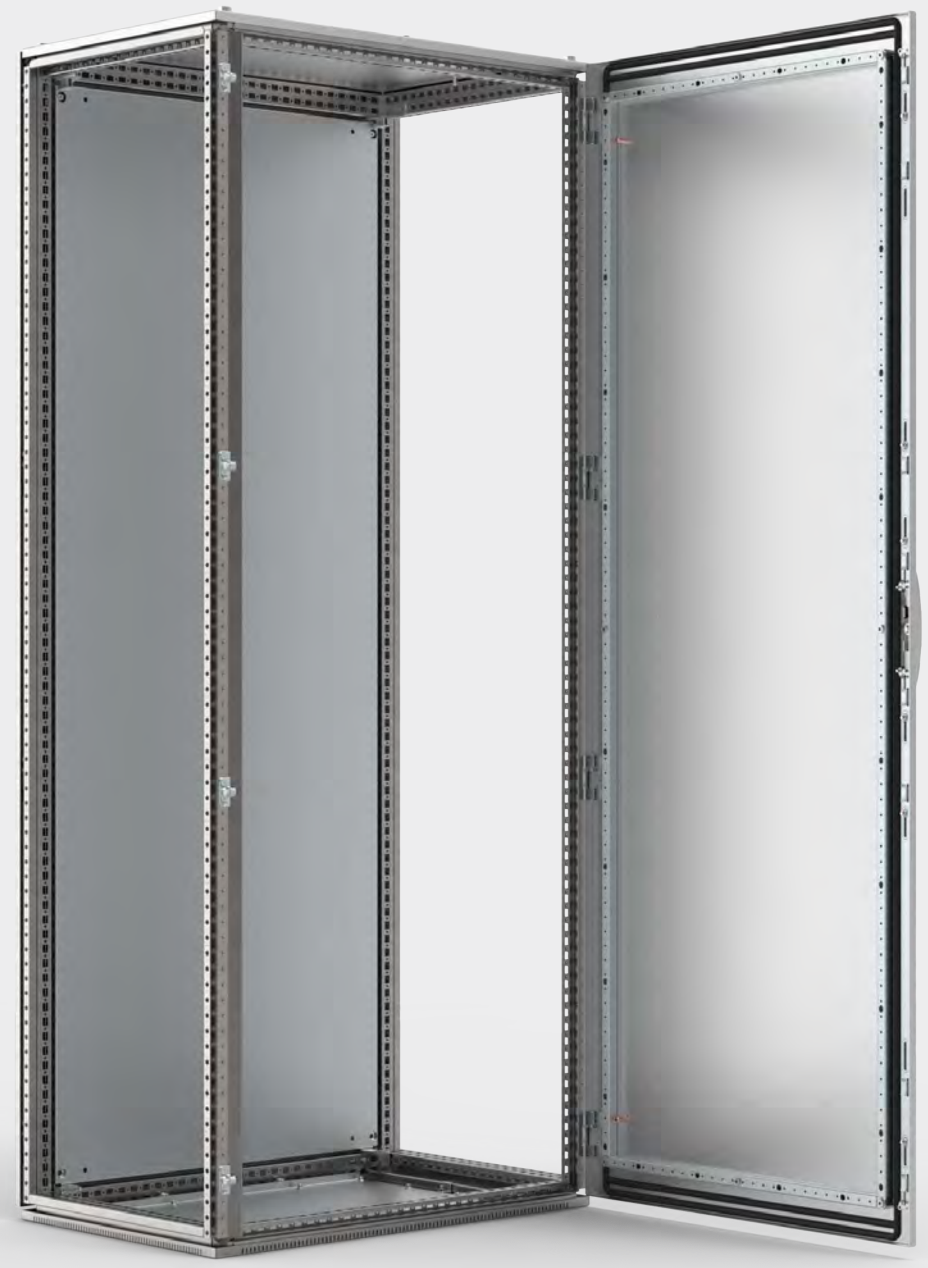
Enclosure				**Fixing**			
	H	**W**	**D**	**Front/rear plinths (100 mm height)**	**Plinth side panels (100 mm height)**	**Front/rear plinths (200 mm height)**	**Plinth side panels (200 mm height)**
MCDS18105	1800	1000	500	PFS1100	PSS1050	PFS2100	PSS2050
MCDS18125	1800	1200	500	PFS1120	PSS1050	PFS2120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

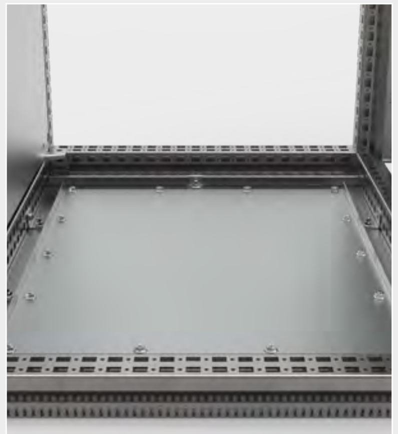
Enclosure				**Doors**		**Baying**		**Cable**
	H	**W**	**D**	**Plain door, left ***	**Plain door, right ***	**Side panels**	**Segregation plate ****	**Cable fixing bar (mounted above bottom plates)**
MCDS18105	1800	1000	500	DNSS1810L	DNSS1810R	SPMS1805	SPDS1805	CAB1000
MCDS18125	1800	1200	500	DNSS1812L	DNSS1812R	SPMS1805	SPDS1805	CAB1200
MCDS20126	2000	1200	600	DNSS2012L	DNSS2012R	SPMS2006	SPDS2006	CAB1200

* DNMKS is required for each additional door.
** CCJ is required.

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

IP 66 | 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. 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:
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 supplied, 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:
400s pre-grained stainless steel (0.5 microns average).

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

Mounting requirements:
For stand-alone installation, add side panels. For combined installation, HPPG01 and baying brackets, CCI and CCM are required.

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 baying without removal. All packing material is recyclable.

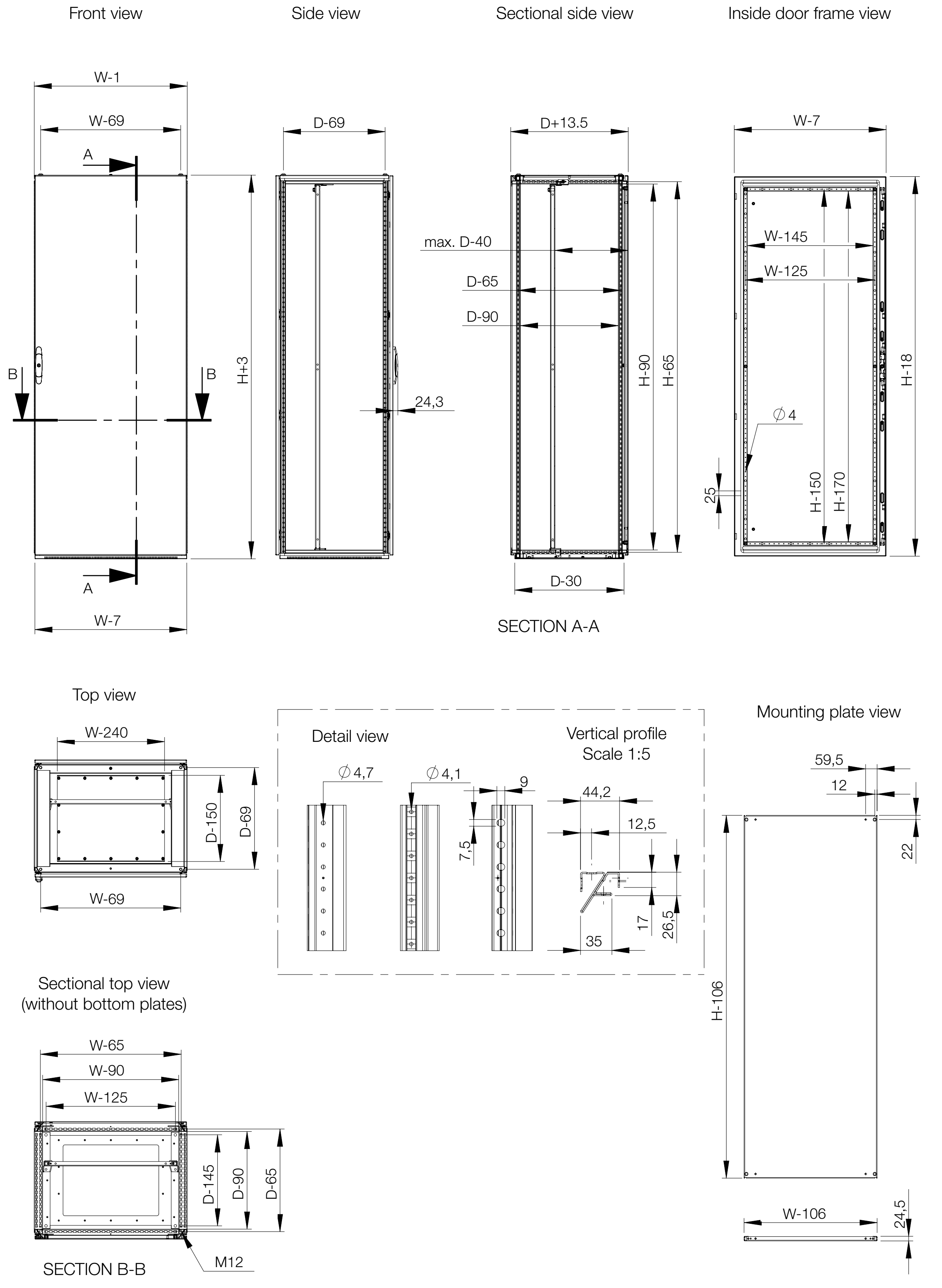
Dimensional table | MCSS-HP

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

Enclosure dimensions			Mounting plate dimensions		Usable depth	
H	**W**	**D**	**h**	**w**	**d**	**Item no.**
2000	800	600	1894	694	559	MCSS20086HP

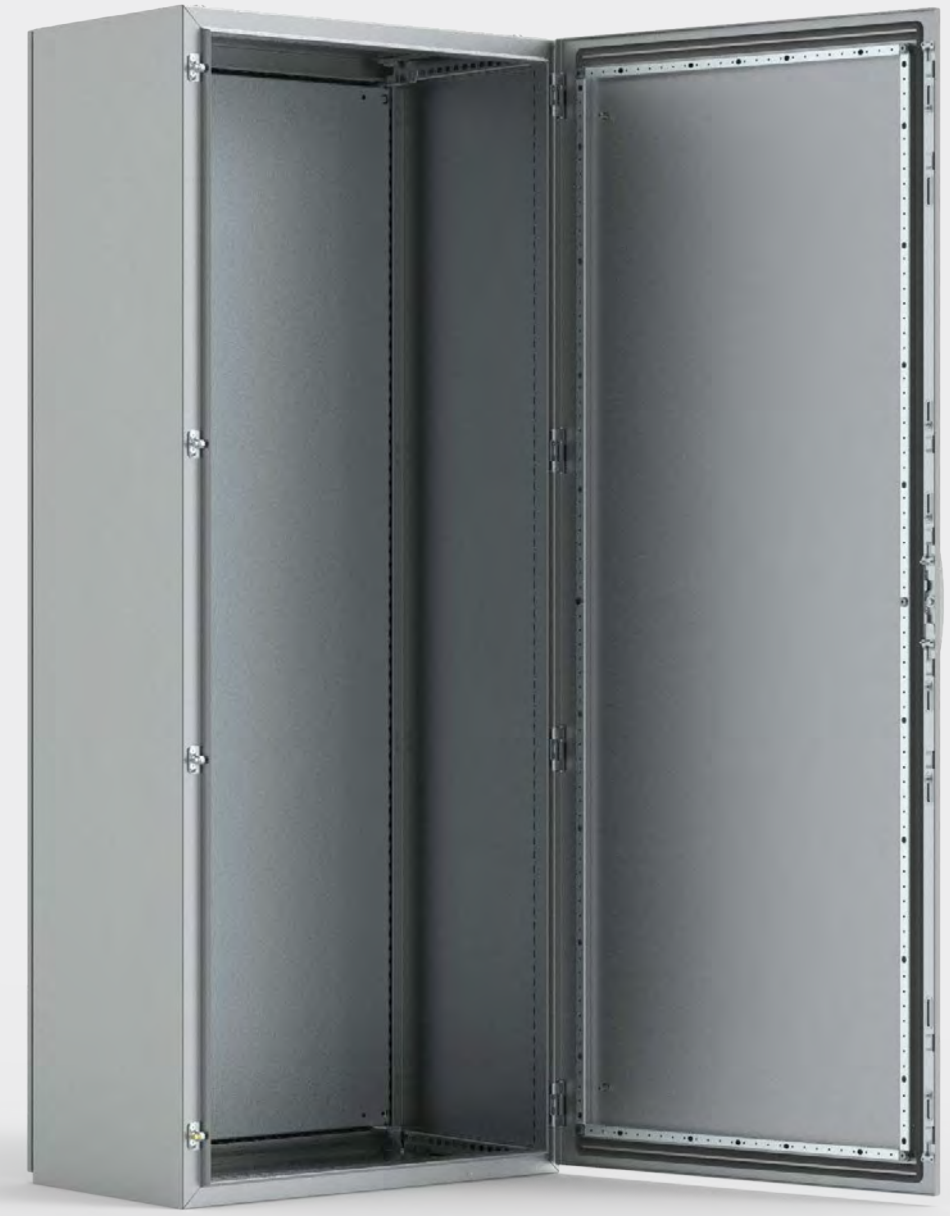
**Other dimensions available on request. Special side panel is required if depth is greater than 700 mm.*

Dimensional drawing | MCSS-HP


Front view
Side view
Sectional side view
Inside door frame view
W-1
W-69
A
B
B
H+3
A
W-7
D-69
24,3
D+13.5
max. D-40
D-65
D-90
H-90
H-65
D-30
SECTION A-A
W-7
W-145
W-125
∅4
25
H-150
H-170
H-18
Top view
W-240
D-150
D-69
W-69
Detail view
∅4,7
∅4,1
9
7,5
Vertical profile
Scale 1:5
44,2
12,5
35
17
26,5
Mounting plate view
59,5
12
22
H-106
W-106
24,5
Sectional top view
(without bottom plates)
W-65
W-90
W-125
D-145
D-90
D-65
SECTION B-B
M12

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

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



Material:
AISI 304 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 with the MPD02 accessory. Mounting plate is supplied, 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:
400 pre-grained stainless steel.

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

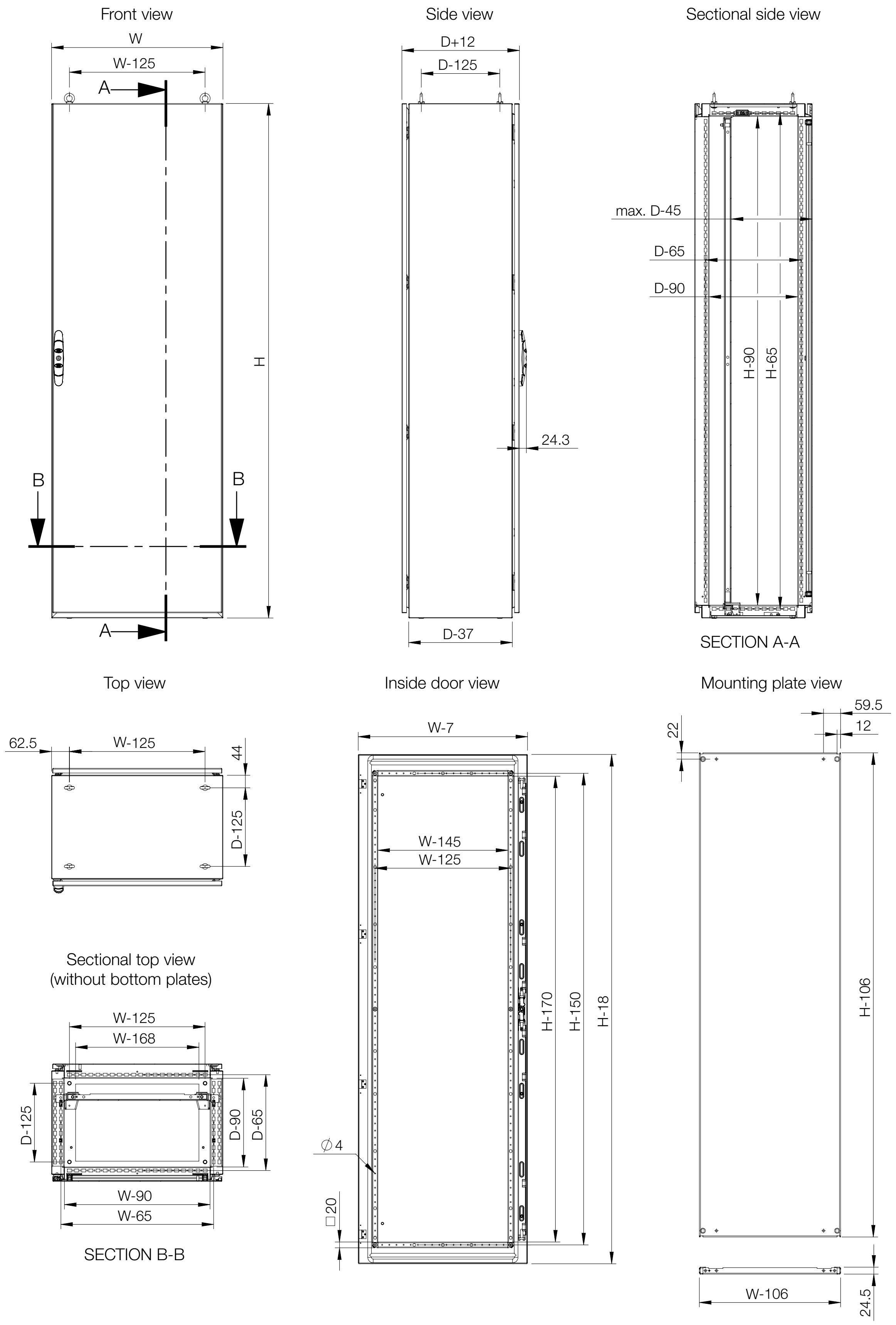
Delivery:
One piece body with fitted door, bottom plate and mounting plate, including door earthing studs. Delivered on a pallet which is identical to the width of the enclosure. Mounting plate is attached to the outside of the enclosure packaging. All the packing material is recyclable.

Dimensional table | EKSS

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

Enclosure dimensions			Mounting plate dimensions		
H	W	D	h	w	Item no.
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

Dimensional drawing | EKSS


Front view
W
W-125
A
A
B
B
H
Side view
D+12
D-125
24.3
D-37
Sectional side view
max. D-45
D-65
D-90
H-90
H-65
SECTION A-A
Top view
62.5
W-125
44
D-125
Inside door view
W-7
W-145
W-125
H-170
H-150
H-18
∅4
□20
Mounting plate view
59.5
12
22
H-106
W-106
24.5
Sectional top view
(without bottom plates)
W-125
W-168
D-125
D-90
D-65
W-90
W-65
SECTION B-B

Accessories selection matrix | EKSS

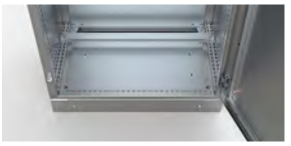
Enclosure				**Mounting**							
	H	**W**	**D**	**Mounting plate**	**Mounting profile, in H**	**Mounting profile, in W**	**Mounting profile, in D ***	**Click in profile, in W ***	**Click in profile, in D**	**Side mounting bar**	**Outer mounting profile, in W**
EKSS14084	1400	800	400	MP1408	CLPF1400	CLPF800	CLPF400	CLPK800	CLPK400	CMB402	CLPO800
EKSS16064	1600	600	400	MP1606	CLPF1600	CLPF600	CLPF400	CLPK600	CLPK400	CMB402	CLPO600
EKSS16084	1600	800	400	MP1608	CLPF1600	CLPF800	CLPF400	CLPK800	CLPK400	CMB402	CLPO800
EKSS16104	1600	1000	400	MP1610	CLPF1600	CLPF1000	CLPF400	CLPK1000	CLPK400	CMB402	CLPO1000
EKSS18064	1800	600	400	MP1806	CLPF1800	CLPF600	CLPF400	CLPK600	CLPK400	CMB402	CLPO600
EKSS18084	1800	800	400	MP1808	CLPF1800	CLPF800	CLPF400	CLPK800	CLPK400	CMB402	CLPO800
EKSS18104	1800	1000	400	MP1810	CLPF1800	CLPF1000	CLPF400	CLPK1000	CLPK400	CMB402	CLPO1000
EKSS20084	2000	800	400	MP2008	CLPF2000	CLPF800	CLPF400	CLPK800	CLPK400	CMB402	CLPO800
EKSS20104	2000	1000	400	MP2010	CLPF2000	CLPF1000	CLPF400	CLPK1000	CLPK400	CMB402	CLPO1000

* 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.

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

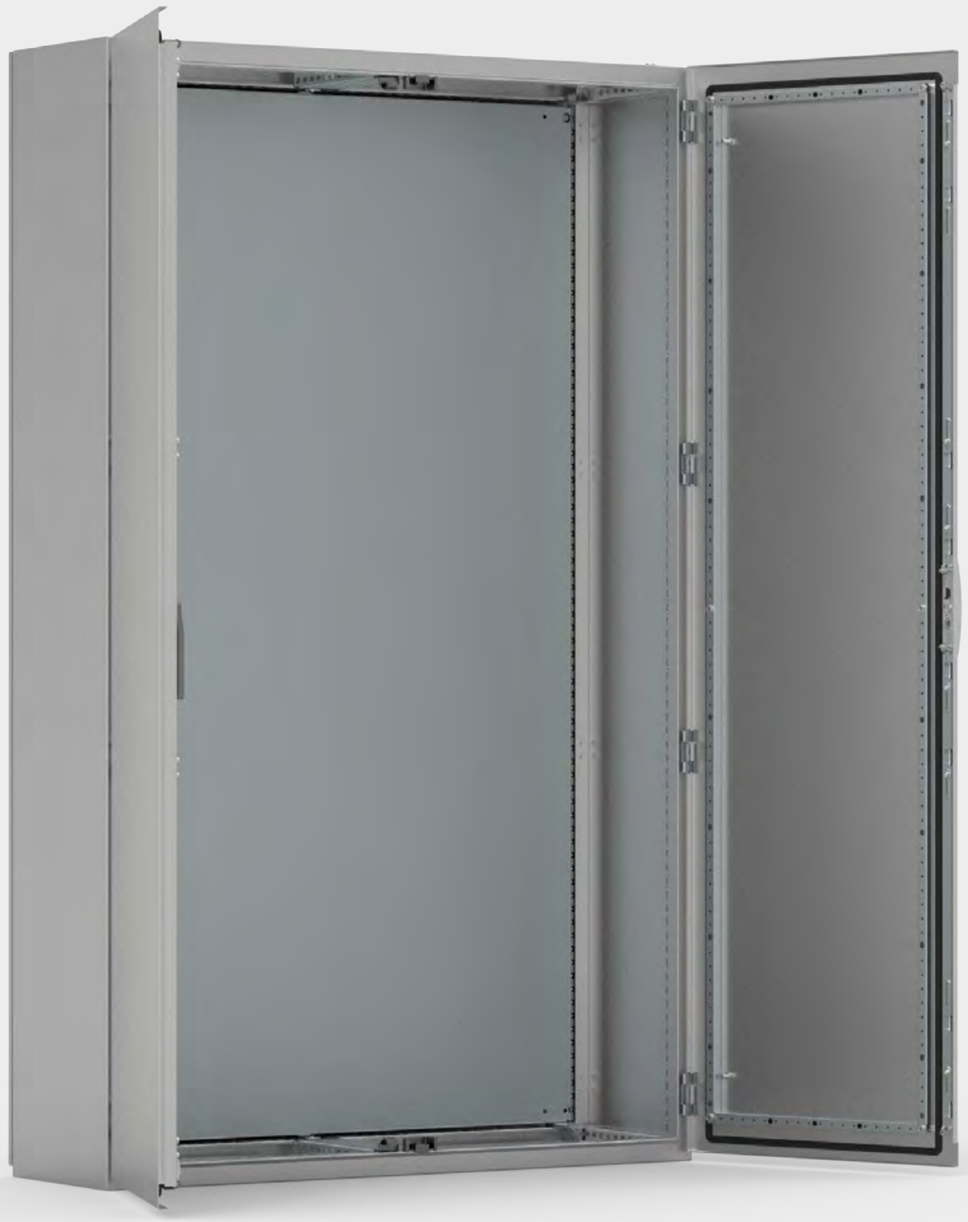
* DNMKS is required for each additional door.

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 304L 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. 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.

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 supplied, attached on the outside of the enclosure packaging. Fitted inside for 1600 mm wide enclosures. For 1600 mm wide, filler plate is included.

Finish:
400 pre-grained stainless steel.

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.

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

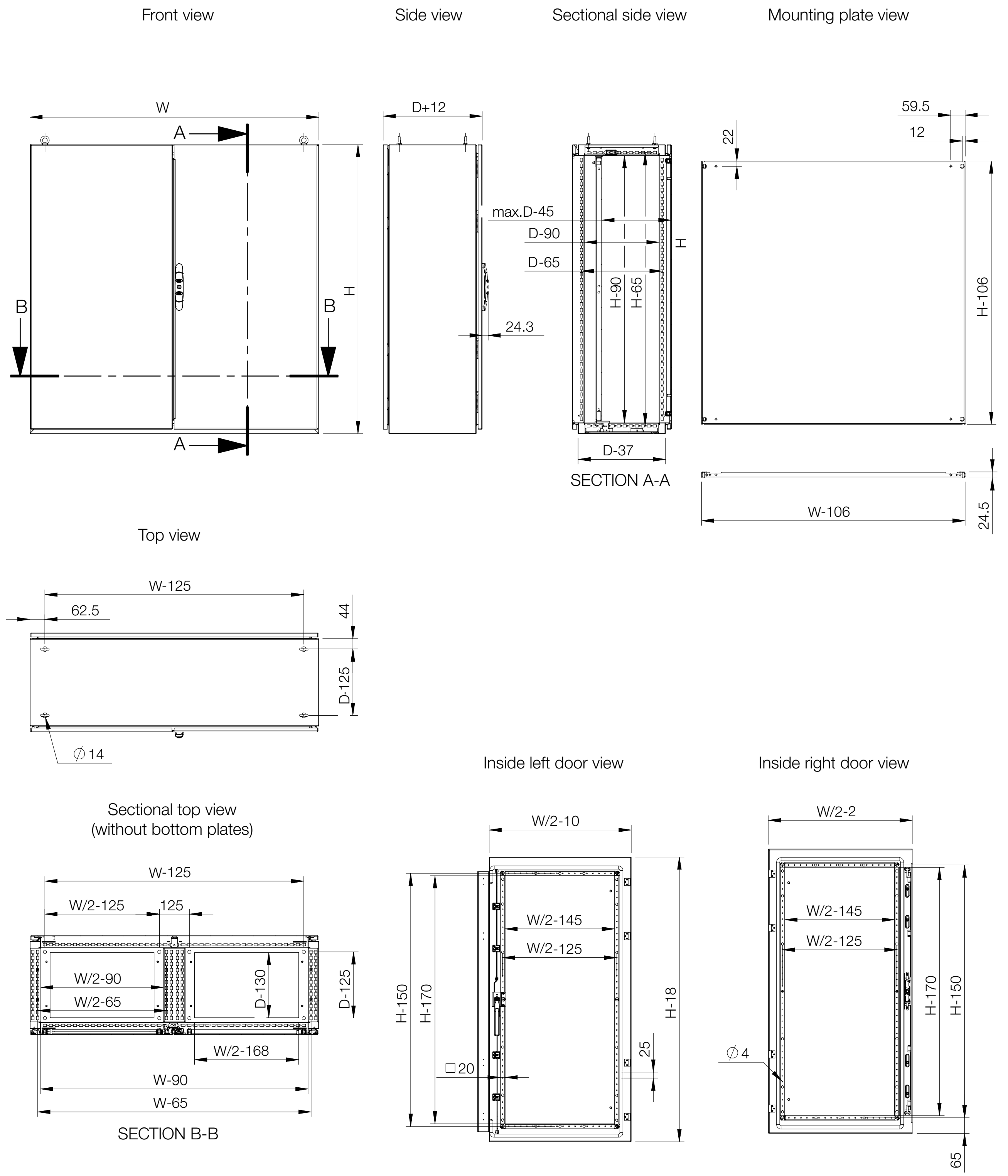
Enclosure dimensions			Mounting plate dimensions		
H	**W**	**D**	**h**	**w**	**Item no.**
1200	1200	400	1094	1094	EKDS12124
1200	1200	400	1094	1094	EKDS12124-316
1600	1200	400	1494	1094	EKDS16124
1600	1200	400	1494	1094	EKDS16124-316
1800	1200	400	1694	1094	EKDS18124
1800	1200	400	1694	1094	EKDS18124-316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

Dimensional drawing | EKDS


Front view
Side view
Sectional side view
Mounting plate view
W
A
B
B
H
A
D+12
max.D-45
D-90
D-65
24.3
H-90
H-65
H
D-37
SECTION A-A
59.5
12
22
H-106
W-106
24.5
Top view
W-125
62.5
44
D-125
∅14
Sectional top view
(without bottom plates)
W-125
W/2-125
125
W/2-90
W/2-65
D-130
D-125
W/2-168
W-90
W-65
SECTION B-B
Inside left door view
W/2-10
W/2-145
W/2-125
H-150
H-170
□20
25
H-18
Inside right door view
W/2-2
W/2-145
W/2-125
∅4
H-170
H-150
65

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**	**Outer mounting profile, in W**
EKDS12124	1200	1200	400	MP1212	CLPF1200	CLPF1200	CLPF400	CLPK1200	CLPK400	CMB402	CLPO1200
EKDS16124	1600	1200	400	MP1612	CLPF1600	CLPF1200	CLPF400	CLPK1200	CLPK400	CMB402	CLPO1200
EKDS18124	1800	1200	400	MP1812	CLPF1800	CLPF1200	CLPF400	CLPK1200	CLPK400	CMB402	CLPO1200
EKDS18164	1800	1600	400	MP1816	CLPF1800	-	CLPF400	-	CLPK400	CMB402	-
EKDS20124	2000	1200	400	MP2012	CLPF2000	CLPF1200	CLPF400	CLPK1200	CLPK400	CMB402	CLPO1200
EKDS20164	2000	1600	400	MP2016	CLPF2000	-	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	2x CAB800
EKDS20124	2000	1200	400	DNSS2012L	DNSS2012R	CAB1200/2x CAB600
EKDS20164	2000	1600	400	DNSS2016L	DNSS2016R	2x CAB800

* DNMKS is required for each additional door.

01

Floor Standing Enclosures

Steel dedicated accessories

Mounting plates 90
Profiles 102
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19" mounting 124
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Enclosure fixation.......... 160
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Floor Standing Enclosures

Steel Range

Accessories | Mounting plates

Steel mounting plate, MP

		Mild steel, combinable enclosures		Mild steel, compact enclosures		Stainless steel, combinable enclosures		Stainless steel, compact enclosures	
		MCS / MCD		**MKS / MKD**		**MCSS / MCDS**		**EKSS / EKDS**	
		Required accessories	**Page**	**Required accessories**	**Page**	**Required accessories**	**Page**	**Required accessories**	**Page**
FIXATION	**Flush with frame, MP included in the enclosure**	*Additional accessories not required*	N/A	*Additional accessories not required*	N/A	*Additional accessories not required*	N/A	*Additional accessories not required*	N/A
	Flush with frame, MP not included in the enclosure	Mounting plate brackets, **MPA04**	95	Mounting plate brackets, **MPA04**	95	Mounting plate brackets, **MPA04**	95	Mounting plate brackets, **MPA04**	95
	Adjustable in depth, MP included in the enclosure	Adjustment bracket, **MPD02**	95	Adjustment bracket, **MPD02**	95	Adjustment bracket, **MPD02**	95	Adjustment bracket, **MPD02**	95
	Adjustable in depth, MP not included in the enclosure	Mounting plate brackets, **MPA06**	95	Mounting plate brackets, **MPA06**	95	Mounting plate brackets, **MPA06**	95	Mounting plate brackets, **MPA06**	95
	Side mounting plate	Side mounting plate brackets, **MPS04**	96	*Not available*	N/A	Side mounting plate brackets, **MPS04**	96	*Not available*	N/A
	Additional mounting plate	Mounting plate brackets, **MPA06**	95	Mounting plate brackets, **MPA06**	95	Mounting plate brackets, **MPA06**	95	Mounting plate brackets, **MPA06**	95
	Back to back mounting plate	Back to back MP brackets, **MPBB06**	96	Back to back MP brackets, **MPBB06**	96	Back to back MP brackets, **MPBB06**	96	Back to back MP brackets, **MPBB06**	96
	Rear fixing	Mounting plate brackets for rear mounting, **MPA04**R *For enclosures less than 1000 mm wide.		Mounting plate brackets for rear mounting, **MPA04**R *For enclosures less than 1000 mm wide.		*Not available*	N/A	*Not available*	N/A
	Rear fixing with +20 mm of useful depth	Mounting plate brackets for rear mounting, **MPA04**R *For enclosures less than 1000 mm wide.		Mounting plate brackets for rear mounting, **MPA04**R *For enclosures less than 1000 mm wide.		*Not available*	N/A	*Not available*	N/A
HINGED	**Total height mounting plate**	Mounting plate hinge kit, **MPH01** Carrier bars, **CB**	97 118	Mounting plate hinge kit, **MPH01** Carrier bars, **CB**	97 118	Mounting plate hinge kit, **MPH01** Carrier bars, **CB**	97 118	Mounting plate hinge kit, **MPH01** Carrier bars, **CB**	97 118
	Partial height mounting plate	Mounting plate hinge kit, **MPH01** Carrier bars, **CB** Mounting profile in depth, **CLPK**/**CLPF**. 4 pcs	97 118 112	Mounting plate hinge kit, **MPH01** Carrier bars, **CB** Mounting profile in depth, **CLPK**. 4 pcs	97 118 112	Mounting plate hinge kit, **MPH01** Carrier bars, **CB** Mounting profile in depth, **CLPK**/**CLPF**. 4 pcs	97 118 112	Mounting plate hinge kit, **MPH01** Carrier bars, **CB** Mounting profile in depth, **CLPK**. 4 pcs	97 118 112
REINFORCEMENT	**Fixation reinforcement, for flush mounting**	Flush MP reinforcement brackets, **MPEF**	103	Flush MP reinforcement brackets, **MPEF** Profile bracket, **CAK02**	101 114	Flush MP reinforcement brackets, **MPEF**	101	Flush MP reinforcement brackets, **MPEF** Profile bracket, **CAK02**	101 114
	Fixation reinforcement, when no flush mounting	MP reinforcement brackets, **MPE** Side mounting bars in depth, **CMB**. 2 pcs	100 116	MP reinforcement brackets, **MPE** Side mounting bars in depth, **CMB**. 2 pcs	100 116	MP reinforcement brackets, **MPE** Side mounting bars in depth, **CMB**. 2 pcs	100 116	MP reinforcement brackets, **MPE** Side mounting bars in depth, **CMB**. 2 pcs	100 116
	Mounting plate reinforcement	MP reinforcement profile, **MPR**	101	MP reinforcement profile, **MPR**	101	MP reinforcement profile, **MPR**	101	MP reinforcement profile, **MPR**	101

Floor Standing Enclosures
Steel Range
Accessories | Mounting plates

Steel mounting plate, MP

		Mild steel, combinable enclosures MCS / MCD		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**	**Required accessories**	**Page**
BAYED ENCLOSURES	**Mounting plate for a continuous mounting surface, flush with the frame**	*Not available*	N/A	*Not available*	N/A	*Not available*	N/A	*Not available*	N/A
	Mounting plate for a continuous mounting surface, not flush with the frame	Filler plate, **MPF**. One per enclosure joining	97	*Not available*	N/A	Filler plate, **MPF**. One per enclosure joining	97	*Not available*	N/A

Wide steel mounting plate, MPW

		Mild steel, combinable enclosures MCS / MCD		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**	**Required accessories**	**Page**
FIXATION	**Flush with frame**	*Not available*	N/A	*Not available*	N/A	*Not available*	N/A	*Not available*	N/A
	Adjustable in depth	Transversal sliding profiles, **MTS**	100	*Not available*	N/A	Transversal sliding profiles, **MTS**	100	*Not available*	N/A
REINFORCEMENT	**Mounting plate reinforcement**	MP reinforcement profiles, **MPWR**	101	*Not available*	N/A	MP reinforcement profiles, **MPWR**	101	*Not available*	N/A

Partial steel mounting plate, MPP

		Mild steel, combinable enclosures MCS / MCD		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**	**Required accessories**	**Page**
FIXATION	**Flush with frame**	*Additional accessories not required*	N/A	*Additional accessories not required*	N/A	*Additional accessories not required*	N/A	*Additional accessories not required*	N/A
	Adjustable in depth	Mounting profile in depth, **CLPK/CLPF**. 4 pcs	112	Mounting profile in depth, **CLPK**. 4 pcs	112	Mounting profile in depth, **CLPK/CLPF**. 4 pcs	112	Mounting profile in depth, **CLPK**. 4 pcs	110
	Side fixation, flush with the frame	*Additional accessories not required*	N/A	*Not available*	N/A	*Additional accessories not required*	N/A	*Not available*	N/A
HINGED	**Front fixation adjustable in depth**	Mounting plate hinge kit, **MPH01** Carrier bars, **CB** Mounting profile in depth, **CLPK/CLPF**. 4 pcs	97 118 112	Mounting plate hinge kit, **MPH01** Carrier bars, **CB** Mounting profile in depth, **CLPK**. 4 pcs	97 118 112	Mounting plate hinge kit, **MPH01** Carrier bars, **CB** Mounting profile in depth, **CLPK/CLPF**. 4 pcs	97 118 112	Mounting plate hinge kit, **MPH01** Carrier bars, **CB** Mounting profile in depth, **CLPK**. 4 pcs	97 118 112
	Side fixation adjustable in depth	Mounting plate hinge kit, **MPH01** Carrier bars, **CB** Mounting profile in width, **CLPK/CLPF**. 4 pcs	97 118 112	Mounting plate hinge kit, **MPH01** Carrier bars, **CB** Mounting profile in width, **CLPF**. 4 pcs	97 118 113	Mounting plate hinge kit, **MPH01** Carrier bars, **CB** Mounting profile in width, **CLPK/CLPF**. 4 pcs	97 118 112	Mounting plate hinge kit, **MPH01** Carrier bars, **CB** Mounting profile in width, **CLPF**. 4 pcs	97 118 113

Floor Standing Enclosures

Steel Range

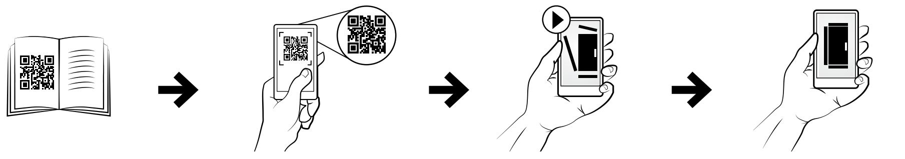
Accessories | Mounting plates

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 requirements:	Use MPA for mounting the MP inside the enclosure. Adjustable in depth with MPD accesory.

For enclosure		Mounting plate dimensions		
H	W	h	w	Item no.
1200	600	1094	494	MP1206
1200	800	1094	694	MP1208
1200	1200	1094	1094	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-P

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 brackets for rear mounting, MPA-R

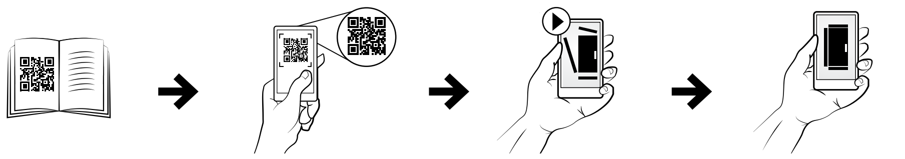
Description:	To fix mounting plates to the enclosure from rear. The kit includes brackets for fixing the mounting plate flush with the enclosure frame or set back behind the enclosure frame, adding +20mm of useful depth for mounting components. These brackets are needed when rear fixation is required or when the enclosure is ordered without the mounting plate (PE) as an alternative to MPA06/MPA04. Unmounting from both the front and rear is possible.
Material:	3 mm zinc plated steel.
Pack quantity:	2 top brackets, 2 bottom brackets, 2 brackets for flushing the mounting plate with the frame and 2 brackets for setting the mounting plate back behind the frame with mounting accessories.

Description	Item no.
MP brackets rear mounting	MPA04R

Mounting plate adjustment brackets, MPD

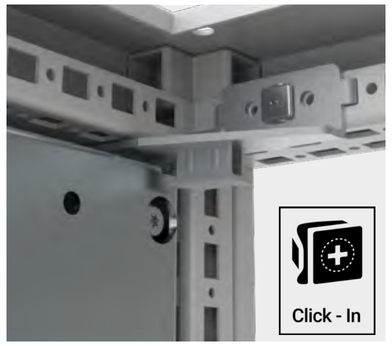
Description:	Brackets to adjust the mounting plate in depth by steps of 25 mm in the enclosure frame.
Material:	3 mm zinc plated steel.
Pack quantity:	2 brackets with mounting accessories.

Item no.
MPD02



Floor Standing Enclosures
Steel Range
Accessories | Mounting plates

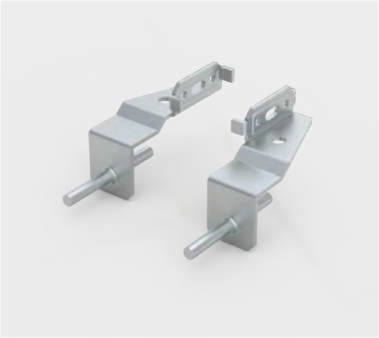
Mounting brackets rear fixing, MPA-RF



Description:	To fix mounting plates in the enclosure. 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 and 2 bottom sliding brackets with mounting accessories.

Item no.
MPA04

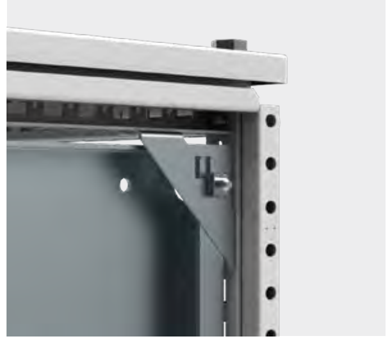
Mounting plate back to back bracket kit, MPBB



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.

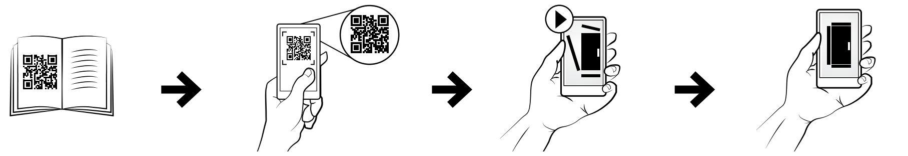
Item no.
MPBB06

Side mounting plate brackets, MPS

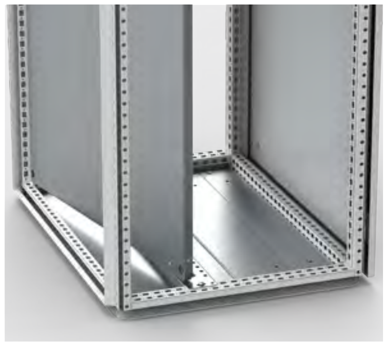


Description:	To mount the standard mounting plate on the side of the enclosure's frame. Provides a mounting surface that is flush with the profiles.
Material:	3 mm zinc plated steel.
Pack quantity:	4 brackets with mounting accessories.

Item no.
MPS04

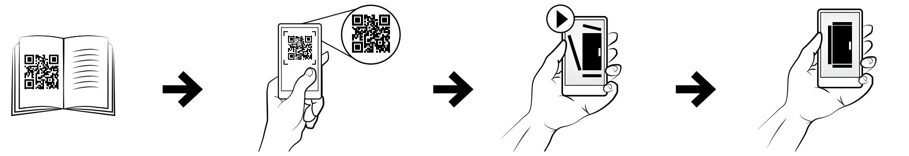


Mounting plate hinge kit, MPH

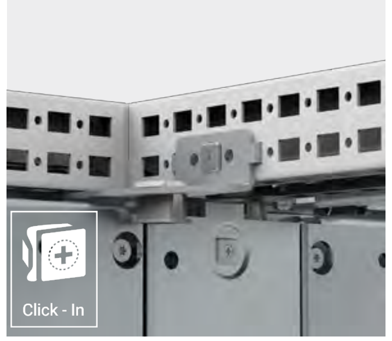


Description:	Allows the mounting plate to be opened up to 105º.
Pack quantity:	1 complete kit with accessories for one mounting plate.
Mounting requirements:	Always use in combination with the CB carrier bar.

Item no.
MPH01



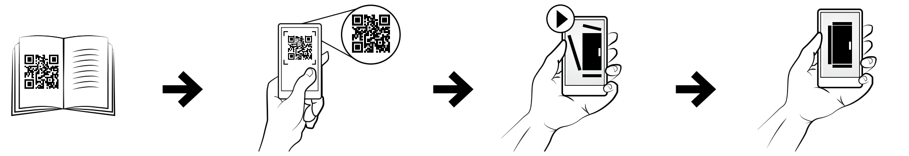
Filler plates, MPF



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 positon.



Floor Standing Enclosures

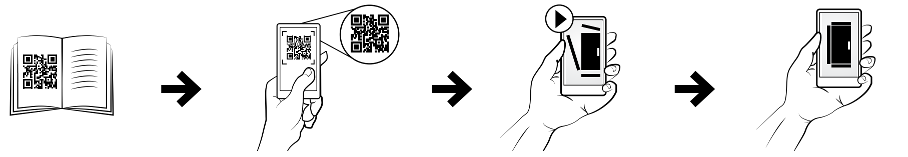
Steel Range

Accessories | Mounting plates

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 assembly. 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 requirements:	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

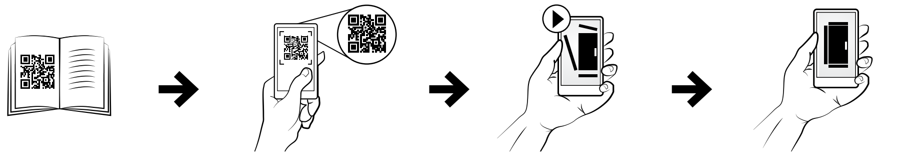


Wide mounting plates, MPW

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 rearmost position.
Material:	3 mm galvanized steel.
Pack quantity:	1 piece with mounting accessories.
Mounting requirements:	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*

** 1600 mm wide mounting plates are supplied as two 800 mm wide mounting plates.*



Floor Standing Enclosures

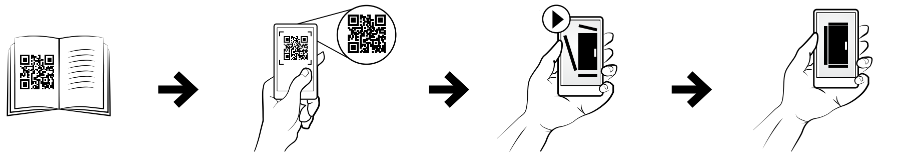
Steel Range

Accessories | Mounting plates

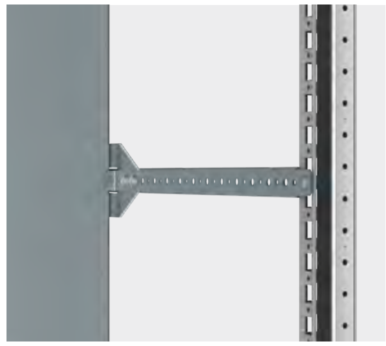
Transversal sliding profiles, MTS

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 brackets, 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 requirements:	Add CMB profiles.

Item no.
MPE10

Flush mounting plate fixing brackets, 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 profiles, 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	
W	**Item no.**
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	
W	**Item no.**
1000	MPWR1000
1200	MPWR1200

Floor Standing Enclosures

Steel Range

Accessories | Profiles

Click-in profiles, CLPK

		Mild steel, combinable enclosures		Mild steel, compact enclosures		Stainless steel, combinable enclosures		Stainless steel, compact enclosures	
		MCS / MCD		**MKS / MKD**		**MCSS / MCDS**		**EKSS / EKDS**	
		Required accessories	**Page**	**Required accessories**	**Page**	**Required accessories**	**Page**	**Required accessories**	**Page**
FIXATION IN WIDTH	**Full width, flush with the front/rear enclosure frame**	*Additional accessories not required*	N/A	*Not available*	N/A	*Additional accessories not required*	N/A	*Not available*	N/A
	Full width, adjustable in depth	Mounting profile in height, **CLPF** (2 pcs)	113	*Not available*	N/A	Mounting profile in height, **CLPF** (2 pcs)	113	Mounting profile in height, **CLPF** (2 pcs)	113
	Partial width, flush with the front/rear enclosure frame	Mounting profile in height, **CLPF** (1 pc)	113	Mounting profile in height, **CLPF** (2 pcs)	113	Mounting profile in height, **CLPF** (1 pc)	113	Mounting profile in height, **CLPF** (2 pcs)	113
	Partial width, adjustable in depth	Mounting profile in height, **CLPF** (2 pcs) Mounting profile in depth, **CLPF** (2 pcs)	113 113	Mounting profile in height, **CLPF** (2 pcs) Mounting profile in depth, **CLPF** (4 pcs)	113 113	Mounting profile in height, **CLPF** (2 pcs) Mounting profile in depth, **CLPF** (2 pcs)	113 113	Mounting profile in height, **CLPF** (2 pcs) Mounting profile in depth, **CLPF** (4 pcs)	113 113
FIXATION IN DEPTH	**Full depth, flush with the side of the enclosure frame**	*Additional accessories not required*	N/A	*Additional accessories not required*	N/A	*Additional accessories not required*	N/A	*Additional accessories not required*	N/A
	Full depth, adjustable in width	Mounting profile in height, **CLPF** (2 pcs)	113	Mounting profile in height, **CLPF** (2 pcs)	113	Mounting profile in height, **CLPF** (2 pcs)	113	Mounting profile in height, **CLPF** (2 pcs)	113
	Partial depth, flush with side enclosure frame	Mounting profile in height, **CLPF** (1 pc)	113	*Not available*	N/A	Mounting profile in height, **CLPF** (1 pc)	113	Mounting profile in height, **CLPF** (1 pc)	113
	Partial depth, adjustable in width	Mounting profile in height, **CLPF** (2 pcs) Mounting profile in width, **CLPF** (2 pcs)	113 113	Mounting profile in height, **CLPF** (2 pcs) Mounting profile in width, **CLPF** (2 pcs)	113 113	Mounting profile in height, **CLPF** (2 pcs) Mounting profile in width, **CLPF** (2 pcs)	113 113	Mounting profile in height, **CLPF** (2 pcs) Mounting profile in width, **CLPF** (2 pcs)	113 113

Floor Standing Enclosures
Steel Range
Accessories | Profiles

Mounting profile, CLPF

		Mild steel, combinable enclosures		Mild steel, compact enclosures		Stainless steel, combinable enclosures		Stainless steel, compact enclosures	
		MCS / MCD		**MKS / MKD**		**MCSS / MCDS**		**EKSS / EKDS**	
		Required accessories	**Page**	**Required accessories**	**Page**	**Required accessories**	**Page**	**Required accessories**	**Page**
FIXATION IN HEIGHT	**Full height, flush with the front/rear enclosure frame**	*Additional accessories not required*	N/A	*Additional accessories not required*	N/A	*Additional accessories not required*	N/A	*Additional accessories not required*	N/A
	Full height, flush with the side enclosure frame	*Additional accessories not required*	N/A	*Not available*	N/A	*Additional accessories not required*	N/A	*Additional accessories not required*	N/A
	Full height, adjustable in depth and width	Mounting profile in depth, **CLPF** (2 pcs)	113	Mounting profile in depth, **CLPF** (2 pcs)	113	Mounting profile in depth, **CLPF** (2 pcs)	113	*Not available*	N/A
	Partial height, flush with the front/rear enclosure frame	Mounting profile in width, **CLPF** (1 pc)	113	Mounting profile in width, **CLPF** (1 pc)	113	Mounting profile in width, **CLPF** (1 pc)	113	Mounting profile in width, **CLPF** (1 pc)	113
	Partial height, flush with the side enclosure frame	Mounting profile in depth, **CLPF** (1 pc)	113	Click-in profile in depth, **CLPK** (1 pc)	112	Mounting profile in depth, **CLPF** (1 pc)	113	Click-in profile in depth, **CLPK** (1 pc)	112
	Partial height, adjustable in depth and width	Mounting profile in width, **CLPF** (4 pcs) Mounting profile in depth, **CLPF** (2 pcs)	113 113	Mounting profile in width, **CLPF** (4 pcs) Mounting profile in depth, **CLPF** (2 pcs)	113 113	Mounting profile in width, **CLPF** (4 pcs) Mounting profile in depth, **CLPF** (2 pcs)	113 113	Mounting profile in width, **CLPF** (4 pcs) Mounting profile in depth, **CLPF** (2 pcs)	113 113
FIXATION IN WIDTH	**Full width, flush with the front/rear enclosure frame**	*Additional accessories not required*	N/A	*Additional accessories not required*	N/A	*Additional accessories not required*	N/A	*Additional accessories not required*	N/A
	Full width, adjustable in depth and height	Mounting profile in depth, **CLPF** (2 pcs)	113	Click-in profile in depth, **CLPK** (2 pcs)	112	Mounting profile in depth, **CLPF** (2 pcs)	113	Click-in profile in depth, **CLPK** (2 pcs)	112
	Partial width, flush with the front/rear enclosure frame	Mounting profile in height, **CLPF** (1 pc)	113	Mounting profile in height, **CLPF** (1 pc)	113	Mounting profile in height, **CLPF** (1 pc)	113	Mounting profile in height, **CLPF** (1 pc)	113
	Partial width, adjustable in depth and height	Mounting profile in depth, **CLPF** (4 pcs) Mounting profile in height, **CLPF** (2 pcs)	113 113	Mounting profile in depth, **CLPF** (4 pcs) Mounting profile in height, **CLPF** (2 pcs)	113 113	Mounting profile in depth, **CLPF** (4 pcs) Mounting profile in height, **CLPF** (2 pcs)	113 113	*Not available*	N/A
FIXATION IN DEPTH	**Full depth, flush with the side of the enclosure frame**	*Additional accessories not required*	N/A	*Not available*	N/A	*Additional accessories not required*	N/A	*Not available*	N/A
	Full depth, adjustable in height	Mounting profile in width, **CLPF** (2 pcs)	113	Mounting profile in width, **CLPF** (2 pcs)	113	Mounting profile in width, **CLPF** (2 pcs)	113	Mounting profile in width, **CLPF** (2 pcs)	113
	Partial depth, flush with side enclosure frame	Mounting profile in height, **CLPF** (1 pc)	113	*Not available*	N/A	Mounting profile in height, **CLPF** (1 pc)	113	Mounting profile in height, **CLPF** (2 pcs)	113
	Partial depth, adjustable in width and height	Mounting profile in width, **CLPF** (4 pcs) Mounting profile in height, **CLPF** (2 pcs)	113 113	Mounting profile in width, **CLPF** (4 pcs) Mounting profile in height, **CLPF** (2 pcs)	113 113	Mounting profile in width, **CLPF** (4 pcs) Mounting profile in height, **CLPF** (2 pcs)	113 113	Mounting profile in width, **CLPF** (4 pcs) Mounting profile in height, **CLPF** (2 pcs)	113 113

Floor Standing Enclosures

Steel Range

Accessories | Profiles

Outer mounting profile, CLPO

		Mild steel, combinable enclosures		Mild steel, compact enclosures		Stainless steel, combinable enclosures		Stainless steel, compact enclosures	
		MCS / MCD		**MKS / MKD**		**MCSS / MCDS**		**EKSS / EKDS**	
		Required accessories	**Page**	**Required accessories**	**Page**	**Required accessories**	**Page**	**Required accessories**	**Page**
FIXATION IN WIDTH	**Full width, flush with the front/rear enclosure frame**	*Additional accessories not required*	N/A	*Additional accessories not required*	N/A	*Additional accessories not required*	N/A	*Additional accessories not required*	N/A
	Partial width, flush with the front/rear enclosure frame	Mounting profile in height, **CLPF** (1 pc)	113	Mounting profile in height, **CLPF** (1 pc)	113	Mounting profile in height, **CLPF** (1 pc)	113	Mounting profile in height, **CLPF** (1 pc)	113
FIXATION IN DEPTH	**Full depth, flush with the side of the enclosure frame**	*Additional accessories not required*	N/A	*Not available*	N/A	*Additional accessories not required*	N/A	*Not available*	N/A
	Partial depth, flush with side enclosure frame	Mounting profile in height, **CLPF** (1 pc)	113	*Not available*	N/A	Mounting profile in height, **CLPF** (1 pc)	113	Mounting profile in width, **CLPF** (2 pcs)	113

Floor Standing Enclosures

Steel Range

Accessories | Profiles

Carrier bars, CB

		Mild steel, combinable enclosures		Mild steel, compact enclosures		Stainless steel, combinable enclosures		Stainless steel, compact enclosures	
		MCS / MCD		**MKS / MKD**		**MCSS / MCDS**		**EKSS / EKDS**	
		Required accessories	**Page**	**Required accessories**	**Page**	**Required accessories**	**Page**	**Required accessories**	**Page**
FIXATION IN WIDTH	**Full width, flush with the bottom enclosure frame**	*Additional accessories not required*	N/A	*Additional accessories not required*	N/A	*Additional accessories not required*	N/A	*Additional accessories not required*	N/A
	Full width, adjustable in height	Mounting profile in depth, **CLPF** (2 pcs) or Click-in profile in depth, **CLPK** (2 pcs)	113 112	Click-in profile in depth, **CLPK** (2 pcs)	112	Mounting profile in depth, **CLPF** (2 pcs) or Click-in profile in depth, **CLPK** (2 pcs)	113 112	Click-in profile in depth, **CLPK** (2 pcs)	112
	Partial width, flush with the bottom enclosure frame	Mounting profile in depth, **CLPF** (1 or 2 pcs)	113	Mounting profile in depth, **CLPF** (1 or 2 pcs)	113	Mounting profile in depth, **CLPF** (1 or 2 pcs)	113	*Not available*	N/A
	Partial width, adjustable in height	Mounting profile in height, **CLPF** (2 or 4 pcs) Mounting profile in depth, **CLPF** (2 pcs)	113 113	Mounting profile in height, **CLPF** (2 pcs) Click-in profile in depth, **CLPK** (2 pcs)	113 112	Mounting profile in height, **CLPF** (2 or 4 pcs) Mounting profile in depth, **CLPF** (2 pcs)	113 113	Mounting profile in height, **CLPF** (2 pcs) Click-in profile in depth, **CLPK** (2 pcs)	113 112
FIXATION IN DEPTH	**Full depth, flush with the bottom of the enclosure frame**	*Additional accessories not required*	N/A	*Additional accessories not required*	N/A	*Additional accessories not required*	N/A	*Additional accessories not required*	N/A
	Full depth, adjustable in width	Mounting profile in width, **CLPF** (2 pcs) or Click-in profile in width, **CLPK** (2 pcs)	113 112	Mounting profile in width, **CLPF** (2 pcs)	113	Mounting profile in width, **CLPF** (2 pcs) or Click-in profile in width, **CLPK** (2 pcs)	113 112	Mounting profile in width, **CLPF** (2 pcs)	113
	Partial depth, flush with bottom enclosure frame	Mounting profile in width, **CLPF** (1 or 2 pcs)	113	Mounting profile in width, **CLPF** (1 or 2 pcs)	113	Mounting profile in width, **CLPF** (1 or 2 pcs)	113	Mounting profile in width, **CLPF** (1 or 2 pcs)	113
	Partial depth, adjustable in height	Mounting profile in height, **CLPF** (2 or 4 pcs) Mounting profile in width, **CLPF** (2 pcs)	113 113	*Not available*	N/A	Mounting profile in height, **CLPF** (2 or 4 pcs) Mounting profile in width, **CLPF** (2 pcs)	113 113	Mounting profile in height, **CLPF** (2 or 4 pcs) Mounting profile in width, **CLPF** (2 pcs)	113 113

Floor Standing Enclosures

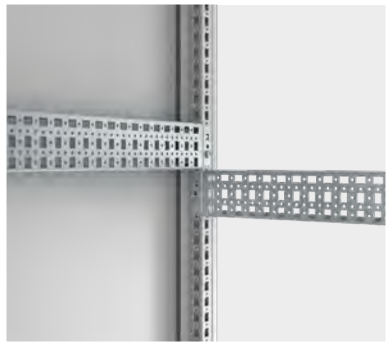
Steel Range

Accessories | Profiles

Heavy duty carrier bars, CBU

		Mild steel, combinable enclosures		Mild steel, compact enclosures		Stainless steel, combinable enclosures		Stainless steel, compact enclosures	
		MCS / MCD		**MKS / MKD**		**MCSS / MCDS**		**EKSS / EKDS**	
		Required accessories	**Page**	**Required accessories**	**Page**	**Required accessories**	**Page**	**Required accessories**	**Page**
FIXATION IN WIDTH	**Full width, flush with the bottom enclosure frame**	*Additional accessories not required*	N/A	*Additional accessories not required*	N/A	*Additional accessories not required*	N/A	*Additional accessories not required*	N/A
	Full width, adjustable in height	Mounting profile in depth, **CLPF** (2 pcs) or Click-in profile in depth, **CLPK** (2 pcs)	113 112	Click-in profile in depth, **CLPK** (2 pcs)	112	Mounting profile in depth, **CLPF** (2 pcs) or Click-in profile in depth, **CLPK** (2 pcs)	113 112	Click-in profile in depth, **CLPK** (2 pcs)	112
	Partial width, flush with the bottom enclosure frame	Mounting profile in depth, **CLPF** (1 or 2 pcs)	113	Mounting profile in depth, **CLPF** (1 or 2 pcs)	113	Mounting profile in depth, **CLPF** (1 or 2 pcs)	113	*Not available*	N/A
	Partial width, adjustable in height	Mounting profile in height, **CLPF** (2 or 4 pcs) Mounting profile in depth, **CLPF** (2 pcs)	113 113	Mounting profile in height, **CLPF** (2 pcs) Click-in profile in depth, **CLPK** (2 pcs)	113 112	Mounting profile in height, **CLPF** (2 or 4 pcs) Mounting profile in depth, **CLPF** (2 pcs)	113 113	Mounting profile in height, **CLPF** (2 pcs) Click-in profile in depth, **CLPK** (2 pcs)	113 112
FIXATION IN DEPTH	**Full depth, flush with the bottom of the enclosure frame**	*Additional accessories not required*	N/A	*Additional accessories not required*	N/A	*Additional accessories not required*	N/A	*Additional accessories not required*	N/A
	Full depth, adjustable in height	Mounting profile in width, **CLPF** (2 pcs) or Click-in profile in width, **CLPK** (2 pcs)	113 112	Mounting profile in width, **CLPF** (2 pcs)	113	Mounting profile in width, **CLPF** (2 pcs) or Click-in profile in width, **CLPK** (2 pcs)	113 112	Mounting profile in width, **CLPF** (2 pcs)	113
	Partial depth, flush with bottom enclosure frame	Mounting profile in width, **CLPF** (1 or 2 pcs)	113	Mounting profile in width, **CLPF** (1 or 2 pcs)	113	Mounting profile in width, **CLPF** (1 or 2 pcs)	113	Mounting profile in width, **CLPF** (1 or 2 pcs)	113
	Partial depth, adjustable in height	Mounting profile in height, **CLPF** (2 or 4 pcs) Mounting profile in width, **CLPF** (2 pcs)	113 113	*Not available*	N/A	Mounting profile in height, **CLPF** (2 or 4 pcs) Mounting profile in width, **CLPF** (2 pcs)	113 113	Mounting profile in height, **CLPF** (2 or 4 pcs) Mounting profile in width, **CLPF** (2 pcs)	113 113

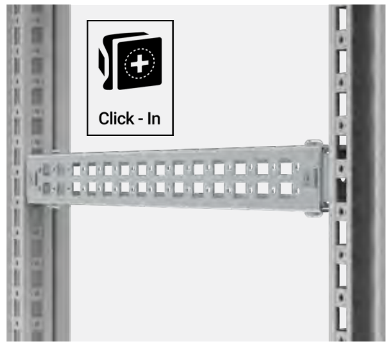
Click-in profiles, CLPK



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.

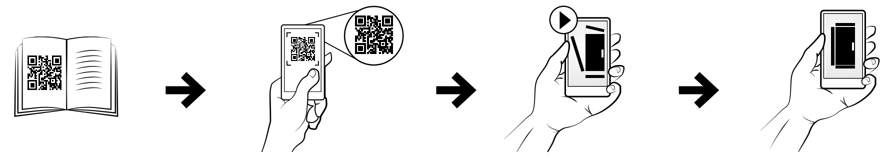
For enclosure		
W/D	Max. loading	Item no.
300	2000 N	CLPK300
400	2000 N	CLPK400
500	2000 N	CLPK500
600	1600 N	CLPK600
800	1600 N	CLPK800
1000	1200 N	CLPK1000
1200	1200 N	CLPK1200

Mounting profiles, 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 snap-line for fixing.

For enclosure				
H/W	W/D	Max. loading Horizontal C	Max. loading Horizontal	Item no.
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

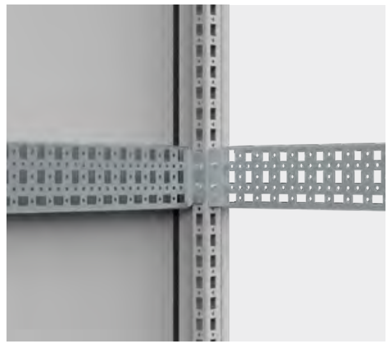


Floor Standing Enclosures

Steel Range

Accessories | Profiles

Outer mounting profile, CLPO



Description:	Universal profile for both depth and width fitting on the 25 mm DIN hole pattern on the enclosure frame. The 75 mm wide profile is equipped with three rows of holes of which one is turned 90º. This makes it possible to mount the CLPO profiles in both directions. The CLPO increases the useful space by 25 mm.
Material:	1.5 mm zinc plated steel.
Pack quantity:	4 profiles.

For enclosure		
W/D	**Max. loading**	**Item no.**
300	2400 N	CLPO300
400	2400 N	CLPO400
500	2400 N	CLPO500
600	2400 N	CLPO600
800	1800 N	CLPO800
1000	1400 N	CLPO1000
1200	1200 N	CLPO1200

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.

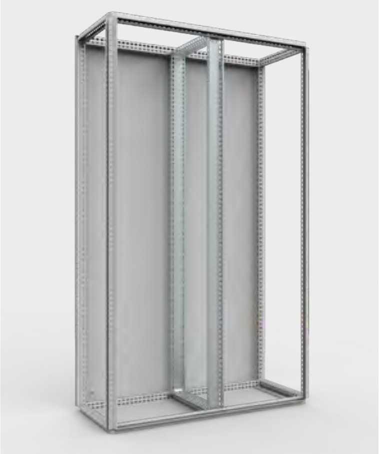
Thread	To be used with	Item no.
M6	CP1020, CP1020U, CP2020, CP2020U	GLM20-6P
M8	CP1020, CP1020U, CP2020, CP2020U	GLM20-8P
M6	CP2040, CP2040U, CLPF profiles	GLM40-6P
M8	CP2040, CP2040U, CLPF profiles	GLM40-8P

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:	1.75 mm zinc plated steel.
Pack quantity:	1 pair without mounting accessories.
Mounting requirements:	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:	1.75 mm zinc plated steel.
Pack quantity:	1 pair without mounting accessories.
Mounting requirements:	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 | Profiles

Side mounting bars, CMB

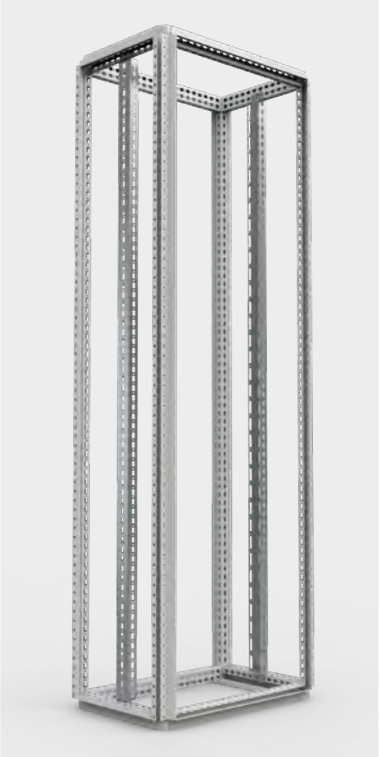
Description: For fixing cables, cable guides, etc, in the depth or the width of an enclosure.

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

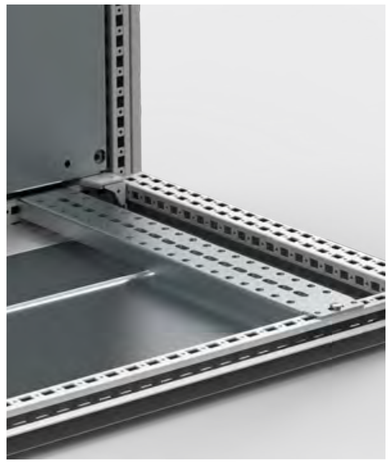
Description: To be used in the DIN pattern of round holes on the stainless steel enclosure frame. Torx extrude-tite screws for fitting accessories.

Pack quantity: 250 pieces.

Thread	Item no.
M5	CNTS05
M6	CNTS06

Floor Standing Enclosures
Steel Range
Accessories | Profiles

Carrier bars, CB

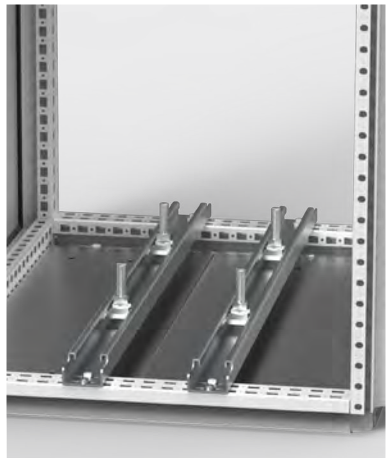


Description:	Used for heavy equipment, such as transformers, fitted in the bottom of the enclosure.
Material:	3 mm zinc plated steel.
Pack quantity:	1 pair with mounting accessories.

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 bars, CBU

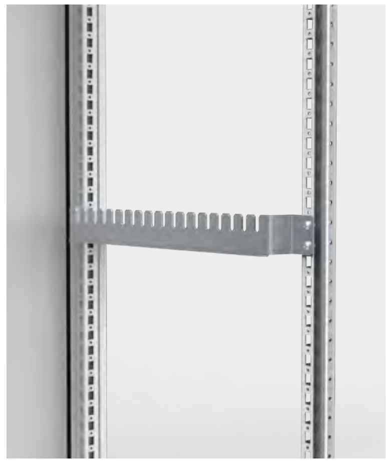


Description:	Heavy duty carrier bar for mounting heavy components e.g. transformers. Supplied with T-shaped sliding bolts and equipped with slotted holes for mounting in any position, both in width and depth of the enclosure.
Material:	2.5 mm zinc plated steel.
Pack quantity:	1 pair with mounting accessories 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

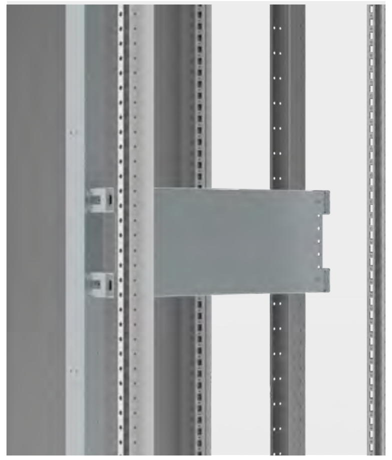


Description:	Adapter to fix the Lütze system direct to the floorstanding, enclosure frame.
Material:	2.5 mm zinc plated steel.
Pack quantity:	6 adapter bars with mounting accessories.

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

Floor Standing Enclosures
Steel Range
Accessories | Modular system

Mounting plates, MSMPN



Description:	Mounting plate for installation of breakers. Suitable for left and right hand connections.
Material:	1.5 mm galvanized steel.
Pack quantity:	1 piece with mounting material.
Mounting requirements:	To be assembled on the modular system frame with MSMPA01 or MSMPF01.

Plain

H	W	h	w	Item no.
50	600	496	470	MSMPN0506
50	800	496	670	MSMPN0508
100	600	96	470	MSMPN1006
100	800	96	670	MSMPN1008
150	600	146	470	MSMPN1506
150	800	146	670	MSMPN1508
200	600	196	470	MSMPN2006
200	800	196	670	MSMPN2008
250	600	246	470	MSMPN2506
250	800	246	670	MSMPN2508
300	600	296	470	MSMPN3006
300	800	296	670	MSMPN3008
400	600	396	470	MSMPN4006
400	800	396	670	MSMPN4008
450	600	446	470	MSMPN4506
450	800	446	670	MSMPN4508
500	600	496	470	MSMPN5006
500	800	496	670	MSMPN5008
600	600	596	470	MSMPN6006
600	800	596	670	MSMPN6008
600	1000	596	870	MSMPN6010

Horizontal opening

H	W	h	w	Item no.
100	600	96	470	MSMPN1006H
100	800	96	670	MSMPN1008H

Vertical opening

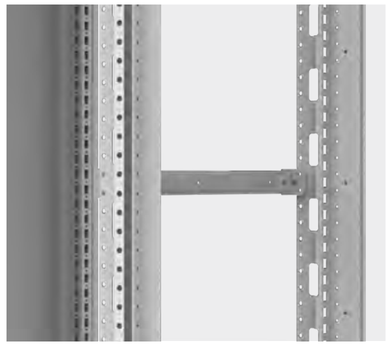
H	W	h	w	Item no.
150	600	146	470	MSMPN1506V
150	800	146	670	MSMPN1508V
200	600	196	470	MSMPN2006V
200	800	196	670	MSMPN2008V
250	600	246	470	MSMPN2506V
250	800	246	670	MSMPN2508V
300	600	296	470	MSMPN3006V
300	800	296	670	MSMPN3008V
400	600	396	470	MSMPN4006V
400	800	396	670	MSMPN4008V
450	600	446	470	MSMPN4506V
450	800	446	670	MSMPN4508V
600	600	596	470	MSMPN6006V
600	800	596	670	MSMPN6008V

Modular system frames, MSMSF

Description:	Two single vertical profiles, which can be used both for front covers and assembly of components. A cost effective solution for panel builders, reducing assembly time, which also enables assembly outside the enclosure. Useful height for front covers is, Height – 150 mm.
Material:	2 mm steel.
Finish:	RAL 7035.
Pack quantity:	1 kit.

H	W	Item no.
1800	600	MSMSF1806
1800	800	MSMSF1808
2000	600	MSMSF2006
2000	800	MSMSF2008
2200	600	MSMSF2206
2200	800	MSMSF2208

DIN rails, MSDR



Description:	Cut to size DIN rail ready to be installed. The simplified panel design makes procurement easier and reduces assembly time.
Material:	Galvanized steel.
Pack quantity:	5 pieces.
Mounting requirements:	To be used with modular system.

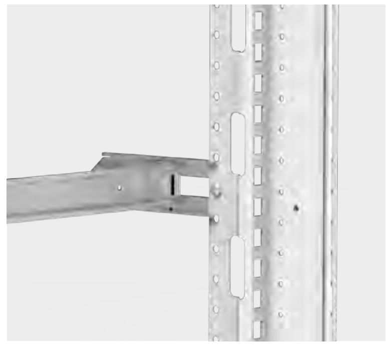
W	Item no.
600	MSDR0600
800	MSDR0800

Fixed brackets, MSMPF01

Description:	A bracket to mount a DIN-rail to allow for mounting of modular components in the modular system profiles. Cost effective solution for panel builders.
Material:	2.5 mm galvanized steel.
Pack quantity:	2 pairs.
Mounting requirements:	To be assembled on the modular system frame.

Item no.
MSMPF01

Adjustable brackets, MSMPA01



Description:	A bracket to mount a DIN-rail or mounting plate which is adjustable in depth to allow for mounting of components in different sizes in the desired position.
Material:	2.5 mm galvanized steel, zamak.
Pack quantity:	2 pairs.
Mounting requirements:	To be assembled on the modular system frame.

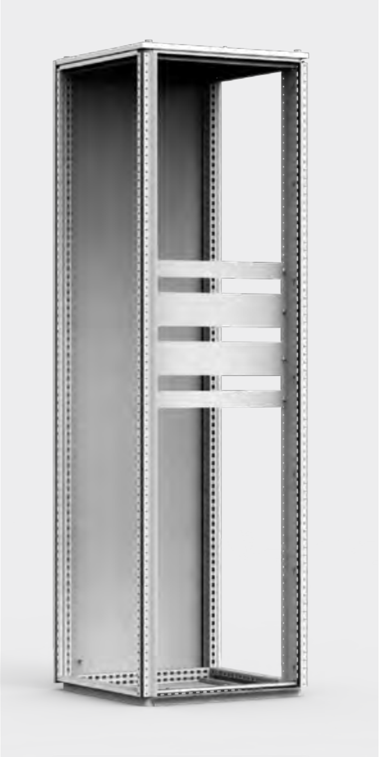
Item no.
MSMPA01

Adjustment profiles, APK

Description:	Width profiles which allows for continuous adjustment of fixation cage nuts for components in height, depth and width. Panel builders can then fix any component in the desired position without machining.
Material:	2,5 mm galvanized steel.
Pack quantity:	2 pairs.
Requirements:	To be assembled on CLPF depth profiles.

For enclosure	
W	**Item no.**
600	APK600
800	APK800

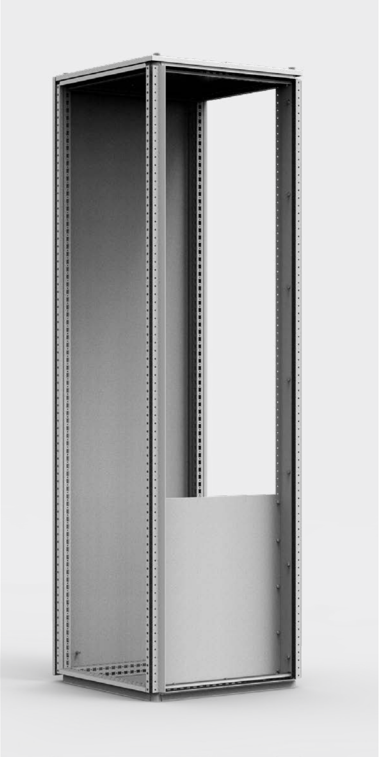
Slotted front panels, MSMCP



Description:	Slotted front panel for modular assemblies. Provided with one DIN rail per row for modular components. It has a top and bottom bending to provide extra rigidity.
Material:	1.25 mm steel.
Finish:	RAL 7035 structured powder coating.
Delivery:	1 piece with mounting material.
Mounting requirements:	To be assembled on the modular system frame.

H	**W**	**N° of rows**	**DIN modules**	**Item no.**
150	600	1	25	MSMCP1506R5
150	800	1	38	MSMCP1508R5
200	600	1	25	MSMCP2006R5
200	800	1	38	MSMCP2008R5
300	600	1	25	MSMCP3006-1R5
300	800	1	38	MSMCP3008-1R5
300	600	2	50	MSMCP3006-2R5
300	800	2	76	MSMCP3008-2R5
450	600	3	75	MSMCP4506R5
450	800	3	114	MSMCP4508R5
600	600	4	100	MSMCP6006R5
600	800	4	152	MSMCP6008R5

Plain front panels, MSMBP



Description:	Plain front panel for modular asseblies. It has a top and bottom bending to provide extra rigidity.
Material:	1.25 mm steel.
Finish:	RAL 7035 structured powder coating.
Delivery:	1 piece with mounting material.
Mounting requirements:	To be assembled on the modular system frame.

H	**W**	**h**	**w**	**Item no.**
50	600	49	503	MSMBP0506R5
50	800	49	703	MSMBP0508R5
100	600	99	503	MSMBP1006R5
100	800	99	703	MSMBP1008R5
150	600	149	503	MSMBP1506R5
150	800	149	703	MSMBP1508R5
200	600	199	503	MSMBP2006R5
200	800	199	703	MSMBP2008R5
250	600	249	503	MSMBP2506R5
250	800	249	703	MSMBP2508R5
300	600	299	503	MSMBP3006R5
300	800	299	703	MSMBP3008R5
400	600	399	503	MSMBP4006R5
400	800	399	703	MSMBP4008R5
450	600	449	503	MSMBP4506R5
450	800	449	703	MSMBP4508R5
500	600	499	503	MSMBP5006R5
500	800	499	703	MSMBP5008R5
600	600	599	503	MSMBP6006R5
600	800	599	703	MSMBP6008R5

Blanking plates for DIN slots, TB13G

Description:	Blanking plate to cover the unused space in the DIN slots. Can be divided per half a module.
Material:	Plastic.
Finish:	RAL 7035.
Pack quantity:	1 piece of blanking plate 13 mod. Overall length 234 mm.

Item no.
TB13G

Floor Standing Enclosures

Steel Range

Accessories | 19” mounting

Swing frame ESFC 600 mm width

		Mild steel, combinable enclosures		Mild steel, compact enclosures		Stainless steel, combinable enclosures		Stainless steel, compact enclosures	
		MCS / MCD		**MKS / MKD**		**MCSS / MCDS**		**EKSS / EKDS**	
		Required accessories	**Page**	**Required accessories**	**Page**	**Required accessories**	**Page**	**Required accessories**	**Page**
FIXATION	**Full height swing frame, mounted in the front/rear**	Swing frame transversal support bars, **ESFB**, in width	144	Swing frame transversal support bars, **ESFB**, in width	144	Swing frame transversal support bars, **ESFB**, in width	144	Swing frame transversal support bars, **ESFB**, in width	144
	Full height swing frame, mounted in the side	Swing frame transversal support bars, **ESFB**, in depth	144	*Not available*	N/A	Swing frame transversal support bars, **ESFB**, in depth	144	*Not available*	N/A
	Partial height swing frame, mounted in the front/rear	Swing frame transversal support bars, **ESFB**, in width Mounting profile in depth, **CLPF** (2 pcs)	144 113	Swing frame transversal support bars, **ESFB**, in width Click-in profile in depth, **CLPK** (2 pcs)	144 112	Swing frame transversal support bars, **ESFB**, in width Mounting profile in depth, **CLPF** (2 pcs)	144 113	Swing frame transversal support bars, **ESFB**, in width Click-in profile in depth, **CLPK** (2 pcs)	144 112
	Partial height swing frame, mounted in the side	Swing frame transversal support bars, **ESFB**, in depth Mounting profile in width, **CLPF** (2 pcs)	144 113	*Not available*	N/A	Swing frame transversal support bars, **ESFB**, in depth Mounting profile in width, **CLPF** (2 pcs)	144 113	*Not available*	N/A
	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**	144 115 115	Swing frame transversal support bars, **ESFB**, in width Depth dividing bars, **VBD** Fixing brackets, **VBK**	144 115 115	Swing frame transversal support bars, **ESFB**, in width Depth dividing bars, **VBD** Fixing brackets, **VBK**	144 115 115	*Not available*	N/A
	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**	144 113 115 115 115	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**	144 112 115 115 115	Swing frame transversal support bars, **ESFB** Mounting profile in depth, **CLPF** (2 pcs) Depth dividing bars, **VBD** Vertical dividing bars, **VB** Fixing brackets, **VBK**	144 113 115 115 115	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**	144 112 115 115 115
DEPTH ADJUSTMENT	**Swing frame adjustable in depth**	*Additional accessories not required*	N/A	*Additional accessories not required*	N/A	*Additional accessories not required*	N/A	*Additional accessories not required*	N/A
HINGED 180°	**Full or partial height swing frame 180° hinged**	Swing frame hinges 180°, **ESFH**	144	Swing frame hinges 180°, **ESFH**	144	Swing frame hinges 180°, **ESFH**	144	Swing frame hinges 180°, **ESFH**	144
SUPPORT	**Swing frame chassis support**	Swing frame chassis support, **SFSU**	145	Swing frame chassis support, **SFSU**	145	Swing frame chassis support, **SFSU**	144	Swing frame chassis support, **SFSU**	145
DOOR STOP	**Full or partial height swing frame door stop 130°**	Swing frame door stop 130°, **ESFD130**	145	Swing frame door stop 130°, **ESFD130**	145	Swing frame door stop 130°, **ESFD130**	144	Swing frame door stop 130°, **ESFD130**	145
	Full or partial height swing frame door stop 180°	Swing frame door stop 180°, **ESFD180**	145	Swing frame door stop 180°, **ESFD180**	145	Swing frame door stop 180°, **ESFD180**	144	Swing frame door stop 180°, **ESFD180**	145

Floor Standing Enclosures

Steel Range

Accessories | 19” mounting

Middle swing frame ESFM 800 mm width

		Mild steel, combinable enclosures		Mild steel, compact enclosures		Stainless steel, combinable enclosures		Stainless steel, compact enclosures	
		MCS / MCD		**MKS / MKD**		**MCSS / MCDS**		**EKSS / EKDS**	
		Required accessories	**Page**	**Required accessories**	**Page**	**Required accessories**	**Page**	**Required accessories**	**Page**
FIXATION	**Full height swing frame, mounted in the front/rear**	Swing frame transversal support bars, **ESFB**, in width	144	Swing frame transversal support bars, **ESFB**, in width	144	Swing frame transversal support bars, **ESFB**, in width	144	Swing frame transversal support bars, **ESFB**, in width	144
	Full height swing frame, mounted in the side	Swing frame transversal support bars, **ESFB**, in depth	144	*Not available*	N/A	Swing frame transversal support bars, **ESFB**, in depth	144	*Not available*	N/A
	Partial height swing frame, mounted in the front/rear	Swing frame transversal support bars, **ESFB**, in width Mounting profile in depth, **CLPF** (2 pcs)	144 113	Swing frame transversal support bars, **ESFB**, in width Click-in profile in depth, **CLPK** (2 pcs)	144 112	Swing frame transversal support bars, **ESFB**, in width Mounting profile in depth, **CLPF** (2 pcs)	144 113	Swing frame transversal support bars, **ESFB**, in width Click-in profile in depth, **CLPK** (2 pcs)	144 112
	Partial height swing frame, mounted in the side	Swing frame transversal support bars, **ESFB**, in depth Mounting profile in width, **CLPF** (2 pcs)	144 113	*Not available*	N/A	Swing frame transversal support bars, **ESFB**, in depth Mounting profile in width, **CLPF** (2 pcs)	144 113	*Not available*	N/A
	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**	144 115 115	Swing frame transversal support bars, **ESFB**, in width Depth dividing bars, **VBD** Fixing brackets, **VBK**	144 115 115	Swing frame transversal support bars, **ESFB**, in width Depth dividing bars, **VBD** Fixing brackets, **VBK**	144 115 115	*Not available*	N/A
	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**	144 113 115 115 115	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**	144 112 115 115 115	Swing frame transversal support bars, **ESFB** Mounting profile in depth, **CLPF** (2 pcs) Depth dividing bars, **VBD** Vertical dividing bars, **VB** Fixing brackets, **VBK**	144 113 115 115 115	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**	144 112 115 115 115
DEPTH ADJUSTMENT	**Swing frame adjustable in depth**	*Additional accessories not required*	N/A	*Additional accessories not required*	N/A	*Additional accessories not required*	N/A	*Additional accessories not required*	N/A
HINGED 180°	**Full or partial height swing frame 180° hinged**	*Additional accessories not required*	N/A	*Additional accessories not required*	N/A	*Additional accessories not required*	N/A	*Additional accessories not required*	N/A
SUPPORT	**Swing frame chassis support**	Swing frame chassis support, **SFSU**	145	Swing frame chassis support, **SFSU**	145	Swing frame chassis support, **SFSU**	145	Swing frame chassis support, **SFSU**	145
DOOR STOP	**Full or partial height swing frame door stop 130°**	Swing frame door stop 130°, **ESFD130**	145	Swing frame door stop 130°, **ESFD130**	145	Swing frame door stop 130°, **ESFD130**	145	Swing frame door stop 130°, **ESFD130**	145
	Full or partial height swing frame door stop 180°	Swing frame door stop 180°, **ESFD180**	145	Swing frame door stop 180°, **ESFD180**	145	Swing frame door stop 180°, **ESFD180**	145	Swing frame door stop 180°, **ESFD180**	145

Floor Standing Enclosures

Steel Range

Accessories | 19” mounting

Side swing frame ESFS 800 mm width

		Mild steel, combinable enclosures		Mild steel, compact enclosures		Stainless steel, combinable enclosures		Stainless steel, compact enclosures	
		MCS / MCD		**MKS / MKD**		**MCSS / MCDS**		**EKSS / EKDS**	
		Required accessories	**Page**	**Required accessories**	**Page**	**Required accessories**	**Page**	**Required accessories**	**Page**
FIXATION	**Full height swing frame, mounted in the front/rear**	Swing frame transversal support bars, **ESFB**, in width	144	Swing frame transversal support bars, **ESFB**, in width	144	Swing frame transversal support bars, **ESFB**, in width	144	Swing frame transversal support bars, **ESFB**, in width	144
	Full height swing frame, mounted in the side	Swing frame transversal support bars, **ESFB**, in depth	144	*Not available*	N/A	Swing frame transversal support bars, **ESFB**, in depth	144	*Not available*	N/A
	Partial height swing frame, mounted in the front/rear	Swing frame transversal support bars, **ESFB**, in width Mounting profile in depth, **CLPF** (2 pcs)	144 113	Swing frame transversal support bars, **ESFB**, in width Click-in profile in depth, **CLPK** (2 pcs)	144 112	Swing frame transversal support bars, **ESFB**, in width Mounting profile in depth, **CLPF** (2 pcs)	144 113	Swing frame transversal support bars, **ESFB**, in width Click-in profile in depth, **CLPK** (2 pcs)	144 112
	Partial height swing frame, mounted in the side	Swing frame transversal support bars, **ESFB**, in depth Mounting profile in width, **CLPF** (2 pcs)	144 113	*Not available*	N/A	Swing frame transversal support bars, **ESFB**, in depth Mounting profile in width, **CLPF** (2 pcs)	144 113	*Not available*	N/A
	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**	144 115 115	Swing frame transversal support bars, **ESFB**, in width Depth dividing bars, **VBD** Fixing brackets, **VBK**	144 115 115	Swing frame transversal support bars, **ESFB**, in width Depth dividing bars, **VBD** Fixing brackets, **VBK**	144 115 115	*Not available*	N/A
	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**	144 113 115 115 115	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**	144 112 115 115 115	Swing frame transversal support bars, **ESFB** Mounting profile in depth, **CLPF** (2 pcs) Depth dividing bars, **VBD** Vertical dividing bars, **VB** Fixing brackets, **VBK**	144 113 115 115 115	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**	144 112 115 115 115
DEPTH ADJUSTMENT	**Swing frame adjustable in depth**	*Additional accessories not required*	N/A	*Additional accessories not required*	N/A	*Additional accessories not required*	N/A	*Additional accessories not required*	N/A
HINGED 180°	**Full or partial height swing frame 180° hinged**	Swing frame hinges 180°, **ESFH**	144	Swing frame hinges 180°, **ESFH**	144	Swing frame hinges 180°, **ESFH**	144	Swing frame hinges 180°, **ESFH**	144
SUPPORT	**Swing frame chassis support**	Swing frame chassis support, **SFSU**	145	Swing frame chassis support, **SFSU**	145	Swing frame chassis support, **SFSU**	145	Swing frame chassis support, **SFSU**	145
DOOR STOP	**Full or partial height swing frame door stop 130°**	Swing frame door stop 130°, **ESFD130**	145	Swing frame door stop 130°, **ESFD130**	145	Swing frame door stop 130°, **ESFD130**	145	Swing frame door stop 130°, **ESFD130**	145
	Full or partial height swing frame door stop 180°	Swing frame door stop 180°, **ESFD180**	145	Swing frame hinges 180°, **ESFH**	144	Swing frame door stop 180°, **ESFD180**	145	Swing frame door stop 180°, **ESFD180**	145

Floor Standing Enclosures

Steel Range

Accessories | 19” mounting

Partial height swing frame, SFCP

		Mild steel, combinable enclosures		Mild steel, compact enclosures		Stainless steel, combinable enclosures		Stainless steel, compact enclosures	
		MCS / MCD		**MKS / MKD**		**MCSS / MCDS**		**EKSS / EKDS**	
		Required accessories	**Page**	**Required accessories**	**Page**	**Required accessories**	**Page**	**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	147	*Not available*	N/A	Partial swing frame support bars, **SFBP**, in width	147	*Not available*	N/A
	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)	147 113	*Not available*	N/A	Partial swing frame support bars, **SFBP**, in width Mounting profile in height, **CLPF** (2 pcs)	147 113	*Not available*	N/A
	Partial height swing frame, mounted in the side and adjustable in height	Partial swing frame support bars, **SFBP**, in depth	147	*Not available*	N/A	Partial swing frame support bars, **SFBP**, in depth	147	*Not available*	N/A
	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)	147 113	*Not available*	N/A	Partial swing frame support bars, **SFBP**, in depth Mounting profile in height, **CLPF** (2 pcs)	147 113	*Not available*	N/A
	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**	147 115 115 115	*Not available*	N/A	Partial swing frame support bars, **SFBP**, in width Depth dividing bars, **VBD** Vertical dividing bars, **VB** Fixing brackets, **VBK**	147 115 115 115	*Not available*	N/A
	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**	147 113 115 115	*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**	147 113 115 115	*Not available*	N/A
SUPPORT	**Swing frame chassis support**	Swing frame chassis support, **SFSU**	145	*Not available*	N/A	Swing frame chassis support, **SFSU**	145	*Not available*	N/A

Floor Standing Enclosures

Steel Range

Accessories | 19” mounting

19" mounting profiles

		Mild steel, combinable enclosures		Mild steel, compact enclosures		Stainless steel, combinable enclosures		Stainless steel, compact enclosures	
		MCS / MCD		**MKS / MKD**		**MCSS / MCDS**		**EKSS / EKDS**	
		Required accessories	**Page**	**Required accessories**	**Page**	**Required accessories**	**Page**	**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**	147 148	*Not available*	N/A	19" mounting profiles, **CIP** Horizontal profiles for centered fixation of 19" profiles, **CIB**	147 148	19" mounting profiles, **CIP** Horizontal profiles for centered fixation of 19" profiles, **CIB**	147 148
	Side 19" profiles, centered fixing	19" mounting profiles, **CIPD** Horizontal profiles for centered fixation of 19" profiles, **CIB**	148 148	*Not available*	N/A	19" mounting profiles, **CIPD** Horizontal profiles for centered fixation of 19" profiles, **CIB**	148 148	19" mounting profiles, **CIPD** Horizontal profiles for centered fixation of 19" profiles, **CIB**	148 148
	Front and side 19" profiles, asymmetric fixing	19" mounting profiles, **CIP** Horizontal profiles for assymmetric fixation of 19" profiles, **CID**	147 148	19" mounting profiles, **CIP** Horizontal profiles for assymmetric fixation of 19" profiles, **CID**	147 148	19" mounting profiles, **CIP** Horizontal profiles for assymmetric fixation of 19" profiles, **CID**	148 148	19" mounting profiles, **CIP** Horizontal profiles for assymmetric fixation of 19" profiles, **CID**	147 148
	Side 19" profiles, asymmetric fixing	19" mounting profiles, **CIPD** Horizontal profiles for assymmetric fixation of 19" profiles, **CID**	148 148	19" mounting profiles, **CIPD** Horizontal profiles for assymmetric fixation of 19" profiles, **CID**	148 148	19" mounting profiles, **CIPD** Horizontal profiles for assymmetric fixation of 19" profiles, **CID**	148 148	19" mounting profiles, **CIPD** Horizontal profiles for assymmetric fixation of 19" profiles, **CID**	148 148
	Partial front and side 19" profiles, depth adjustable in steps for 600 depth enclosures, centered fixing	Partial 19" mounting profiles, **CIPP** Click-in profile in depth, **CLPK** (2 pcs)	149 112	Partial 19" mounting profiles, **CIPP** Click-in profile in depth, **CLPK** (2 pcs)	149 112	Partial 19" mounting profiles, **CIPP** Click-in profile in depth, **CLPK** (2 pcs)	149 112	Partial 19" mounting profiles, **CIPP** Click-in profile in depth, **CLPK** (2 pcs)	149 112
	Partial front and side 19" profiles, depth adjustable in steps for 800 depth enclosures, centered fixing	Partial 19" mounting profiles, **CIPP** Brackets for fixation of partial 19" profiles, **CIC** Click-in profile in depth, **CLPK** (2 pcs)	149 149 112	Partial 19" mounting profiles, **CIPP** Brackets for fixation of partial 19" profiles, **CIC** Click-in profile in depth, **CLPK** (2 pcs)	149 149 112	Partial 19" mounting profiles, **CIPP** Brackets for fixation of partial 19" profiles, **CIC** Click-in profile in depth, **CLPK** (2 pcs)	149 149 112	Partial 19" mounting profiles, **CIPP** Brackets for fixation of partial 19" profiles, **CIC** Click-in profile in depth, **CLPK** (2 pcs)	149 149 112
	Partial front and side 19" profiles, continuous depth adjustment for 800 width enclosures, centered fixing	Partial 19" mounting profiles, **CIPP** Width reducers, **CIWR**	149 149	Partial 19" mounting profiles, **CIPP** Width reducers, **CIWR**	149 149	Partial 19" mounting profiles, **CIPP** Width reducers, **CIWR**	149 149	Partial 19" mounting profiles, **CIPP** Width reducers, **CIWR**	149 149

Floor Standing Enclosures

Steel Range

Accessories | 19” mounting

19" mounting profiles

		Mild steel, combinable enclosures		Mild steel, compact enclosures		Stainless steel, combinable enclosures		Stainless steel, compact enclosures	
		MCS / MCD		**MKS / MKD**		**MCSS / MCDS**		**EKSS / EKDS**	
		Required accessories	**Page**	**Required accessories**	**Page**	**Required accessories**	**Page**	**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**	147 148	*Not available*	N/A	19" mounting profiles, **CIP** Horizontal profiles for centered fixation of 19" profiles, **CIB**	147 148	*Not available*	N/A
	Side 19" profiles, centered fixing	19" mounting profiles, **CIPD** Horizontal profiles for centered fixation of 19" profiles, **CIB**	148 148	*Not available*	N/A	19" mounting profiles, **CIPD** Horizontal profiles for centered fixation of 19" profiles, **CIB**	148 148	*Not available*	N/A
	Front and side 19" profiles, asymmetric fixing	19" mounting profiles, **CIP** Horizontal profiles for assymmetric fixation of 19" profiles, **CID**	147 148	*Not available*	N/A	19" mounting profiles, **CIP** Horizontal profiles for assymmetric fixation of 19" profiles, **CID**	147 148	*Not available*	N/A
	Side 19" profiles, asymmetric fixing	19" mounting profiles, **CIPD** Horizontal profiles for assymmetric fixation of 19" profiles, **CID**	148 148	*Not available*	N/A	19" mounting profiles, **CIPD** Horizontal profiles for assymmetric fixation of 19" profiles, **CID**	148 148	*Not available*	N/A
	Partial front and side 19" profiles, depth adjustable in steps for 600 depth enclosures, centered fixing	Partial 19" mounting profiles, **CIPP** Brackets for fixation of partial 19" profiles, **CIC** Click-in profile in width, **CLPK** (2 pcs)	149 149 112	*Not available*	N/A	Partial 19" mounting profiles, **CIPP** Brackets for fixation of partial 19" profiles, **CIC** Click-in profile in width, **CLPK** (2 pcs)	149 149 112	*Not available*	N/A
	Partial front and side 19" profiles, depth adjustable in steps for 800 depth enclosures, centered fixing	Partial 19" mounting profiles, **CIPP** Brackets for fixation of partial 19" profiles, **CIC** Click-in profile in width, **CLPK** (2 pcs)	149 149 112	*Not available*	N/A	Partial 19" mounting profiles, **CIPP** Brackets for fixation of partial 19" profiles, **CIC** Click-in profile in width, **CLPK** (2 pcs)	149 149 112	*Not available*	N/A
	Partial front and side 19" profiles, continuous depth adjustment for 800 width enclosures, centered fixing	Partial 19" mounting profiles, **CIPP** Width reducers, **CIWR**	149 149	*Not available*	N/A	Partial 19" mounting profiles, **CIPP** Width reducers, **CIWR**	149 149	*Not available*	N/A
FRONT FRAME	**Front frame to be used when a door is not required**	Front frame covers, **FFC**	150	Front frame covers, **FFC**	150	*Not available*	N/A	*Not available*	N/A

Floor Standing Enclosures

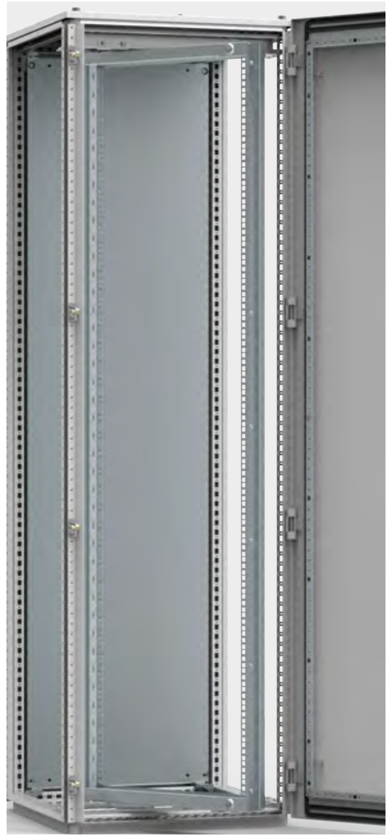
Steel Range

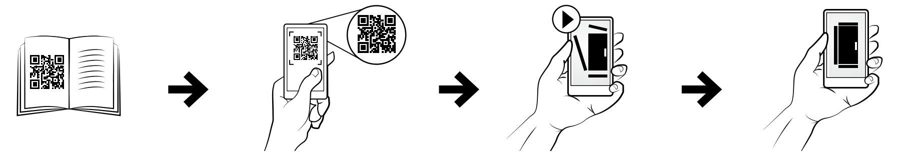
Accessories | 19” mounting

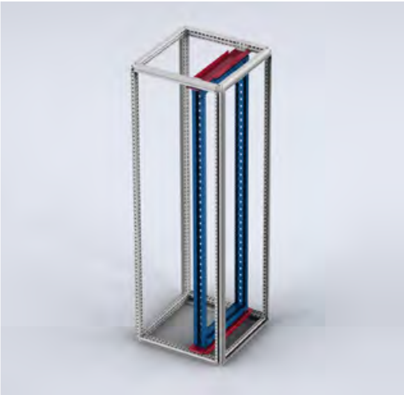
Full Height Swing Frames, ESFC

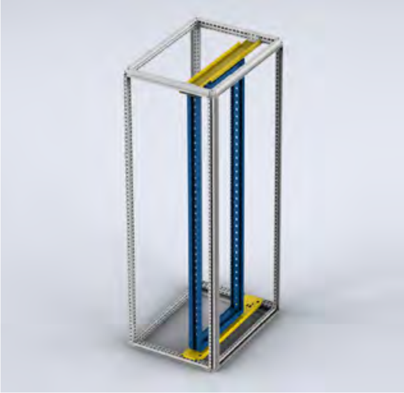
Description:	Full height swing frame for 19” components allowing left and right hand opening. Can be used in steel, combinable and compact enclosures. Hinges designed to give extra build-in depth. Adjustable top hinge for square mounting of the swing frame. Rigid W-shaped frame profile for heavy equipment. 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:	1800N, 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 requirements:	ESFC for 600 mm, 800 mm, 1000 mm, 1200 mm wide steel, combinable enclosures. Add ESFB for mounting in a steel, combinable enclosure.

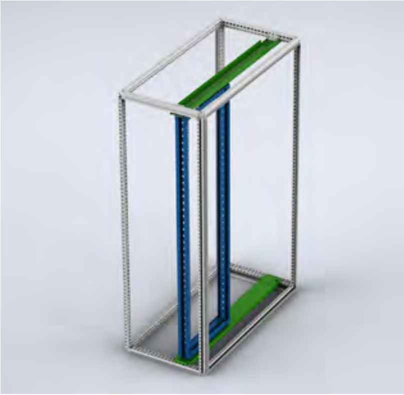
For enclosure					
H	**U**	**H1**	**H2**	**H3**	**Item no.**
1400	27	1203	1267	1337	ESFC276
1600	31	1381	1445	1515	ESFC316
1800	36	1603	1667	1737	ESFC366
2000	40	1781	1845	1915	ESFC406
2200	45	2003	2067	2137	ESFC456

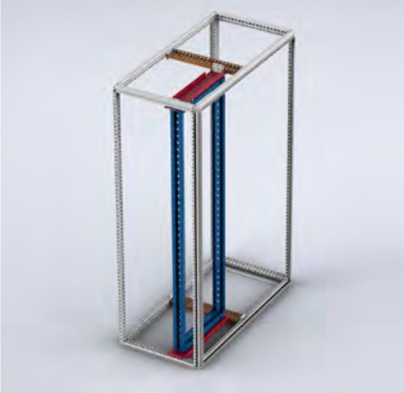


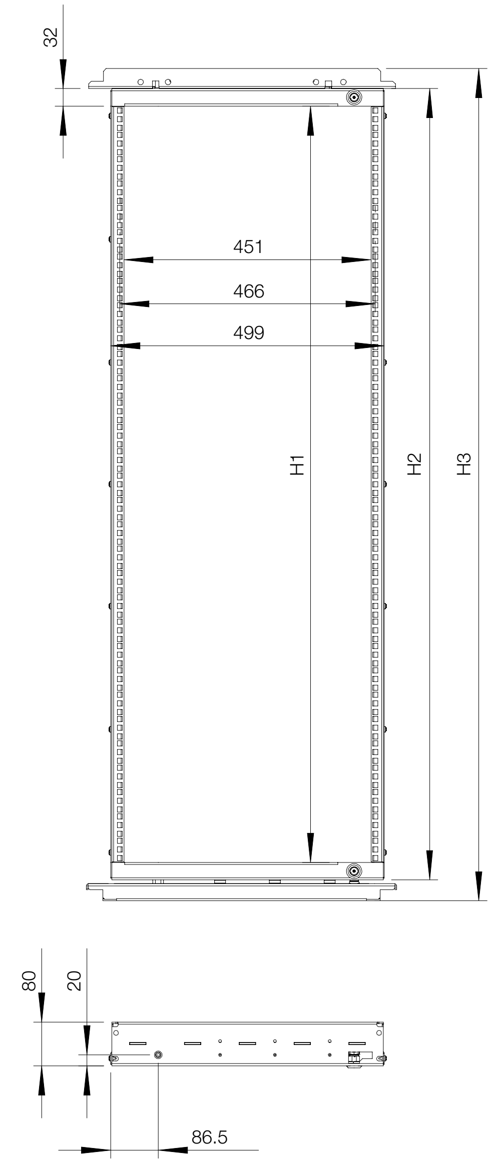


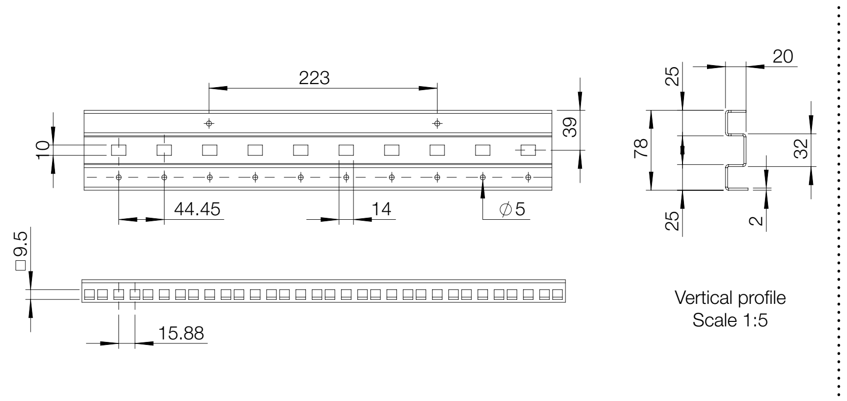












Vertical profile
Scale 1:5

🟦 Swing frame
🟪 Support bars 600 wide
🟨 Support bars 800/1000 wide
🟩 Support bars 1200 wide
🟧 Depth dividing bar

Floor Standing Enclosures

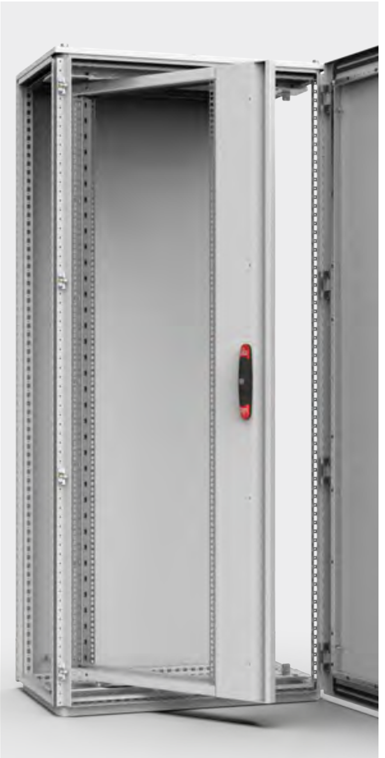
Steel Range

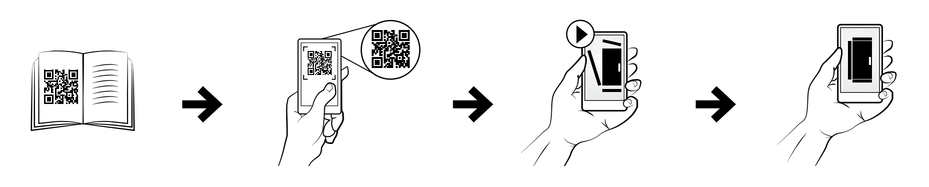
Accessories | 19” mounting

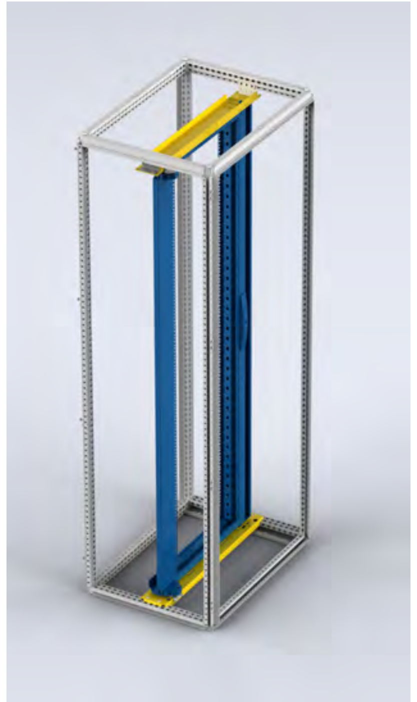
Swing Frame middle mounted, ESFM

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 and compact 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 requirements:	ESFM for 800 mm and 1000 mm wide steel, combinable enclosures. Add ESFB for mounting in a steel, combinable enclosure.

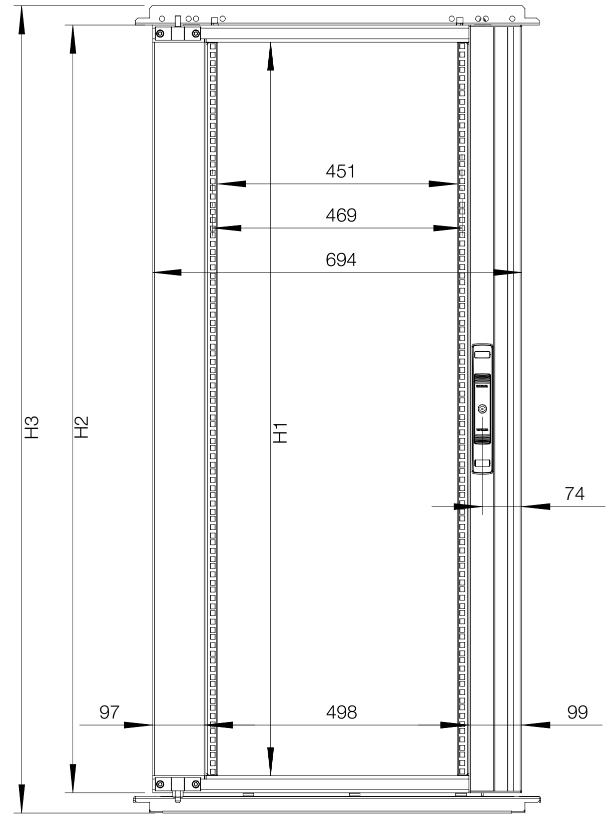
For enclosure					
H	**U**	**H1**	**H2**	**H3**	**Item no.**
1400	27	1203	1267	1337	ESFM278
1600	31	1381	1445	1515	ESFM318
1800	36	1603	1667	1737	ESFM368
2000	40	1781	1845	1915	ESFM408
2200	45	2003	2067	2137	ESFM458

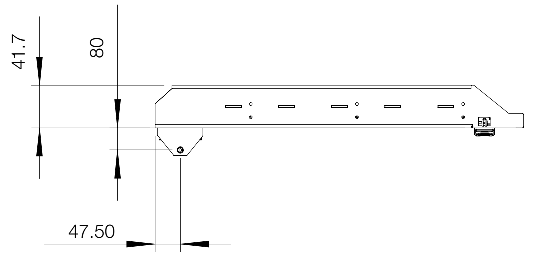


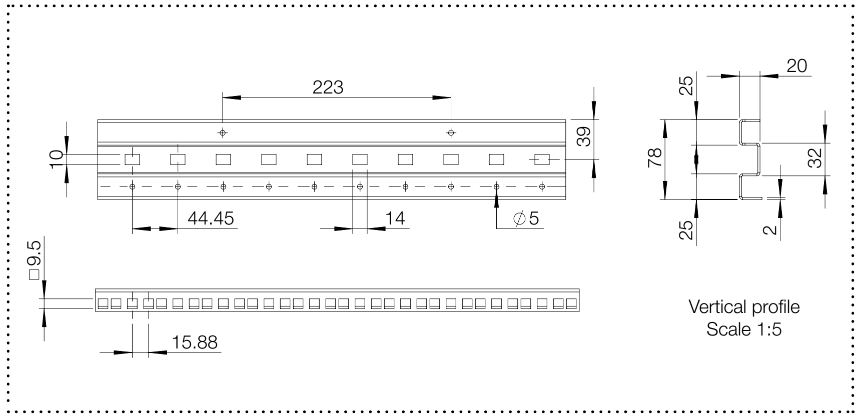




🟨 Support bars 800/1000 wide







Vertical profile
Scale 1:5

Floor Standing Enclosures

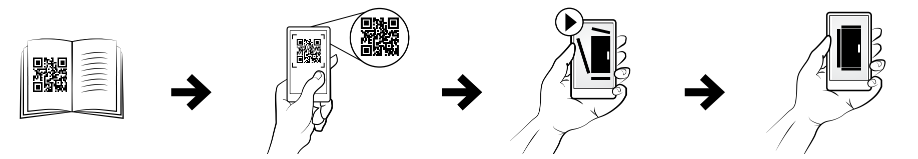
Steel Range

Accessories | 19” mounting

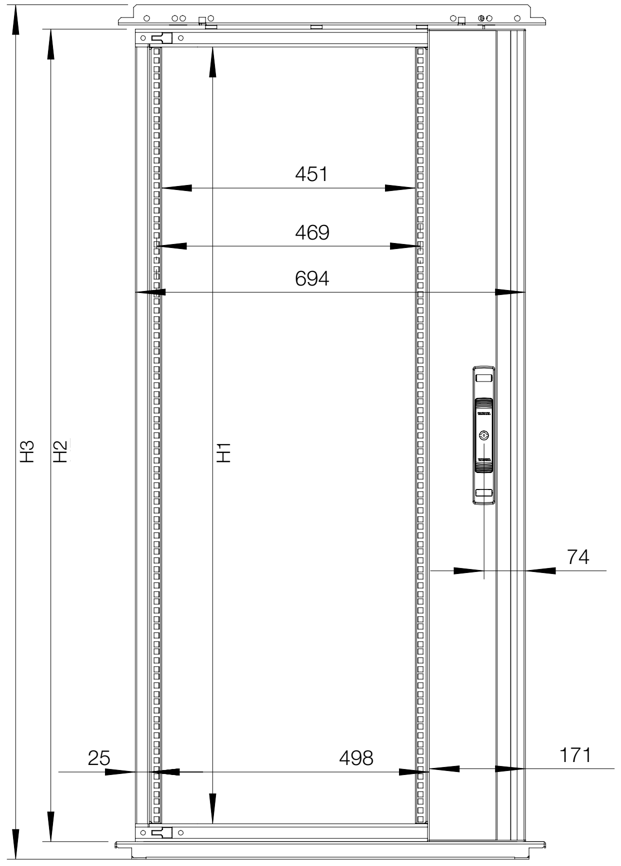
Swing Frame side mounted, ESFS

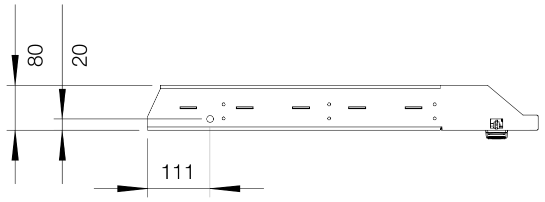
Description:	Full height swing frame for 19” components allowing left and right hand opening with grip over the full height. Can be used in steel, combinable and compact enclosures. Hinges designed to give extra build-in depth. Adjustable top hinge for square mounting of the swing frame. Rigid W-shaped 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 requirements:	ESFS for 800 mm, 1000 mm wide steel, combinable enclosures. Add ESFB for mounting in a steel, combinable enclosure.

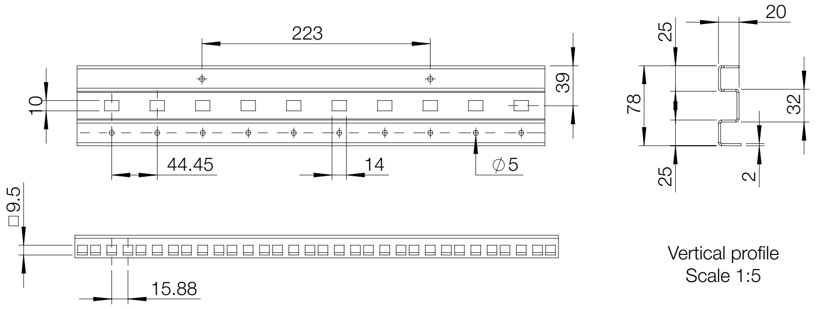
For enclosure					
H	**U**	**H1**	**H2**	**H3**	**Item no.**
1400	27	1203	1267	1337	ESFS278
1600	31	1381	1445	1515	ESFS318
1800	36	1603	1667	1737	ESFS368
2000	40	1781	1845	1915	ESFS408
2200	45	2003	2067	2137	ESFS458



🟨 Support bars 800/1000 wide







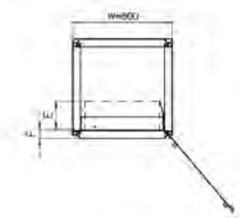
Vertical profile
Scale 1:5

Floor Standing Enclosures

Steel Range

Accessories | 19” mounting

ESFC



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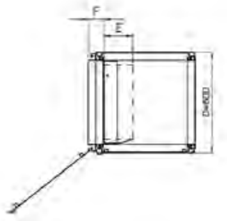

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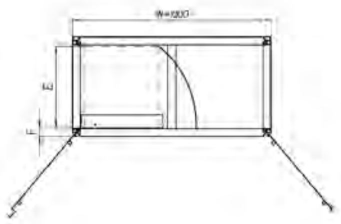
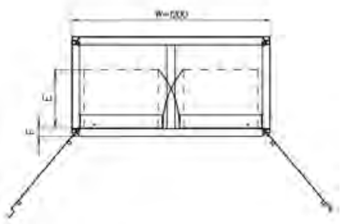
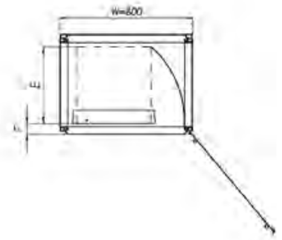


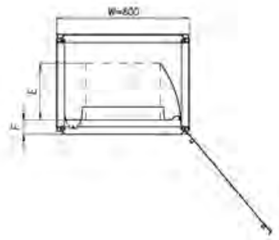
ESFC



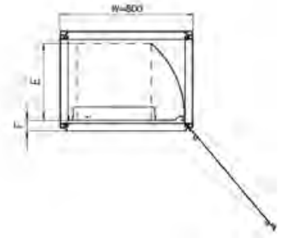
ESFC



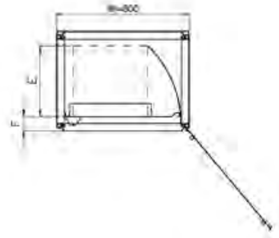
ESFM



ESFS



ESFS + SFH 180º



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

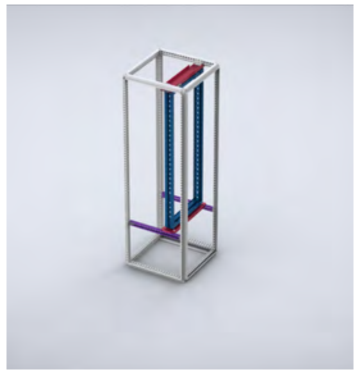
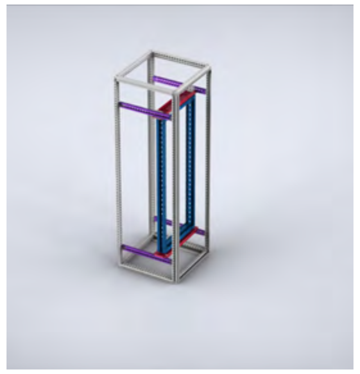
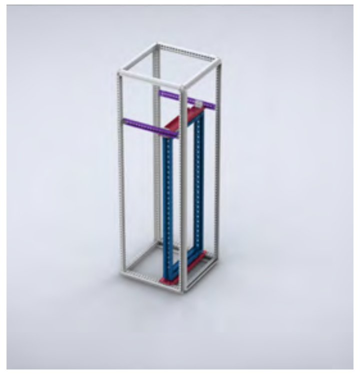
Item No	Opening angle degrees icw.	Opening angle degrees icw.
ESFC	125	125
ESFC interior	120	120
ESFM + ESFH	120	155
ESFS interior	120	130
ESFS + SFH	180	155

Maximum support per hinge type

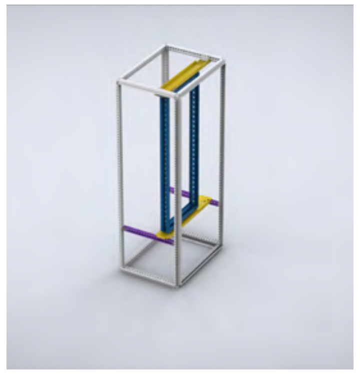
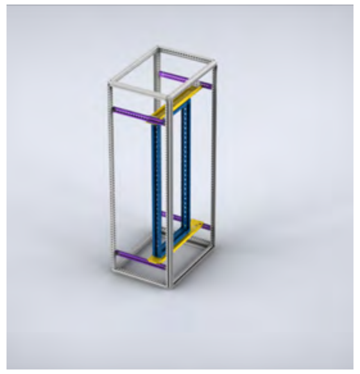
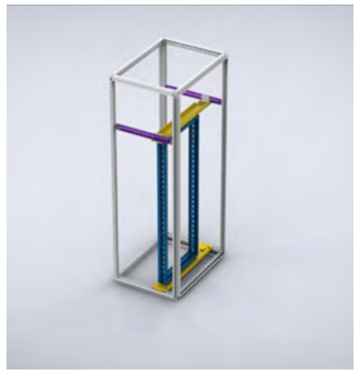
Item No	Opening angle degrees icw.	Max. loading (kg)
ESFC	125	150
ESFC	120	150
ESFM + ESFH	180	120
ESFS + ESFH	180	120
ESFS + SFH	180	120

Partial height, Top mounting | Partial height, Middle mounting | Partial height, Bottom mounting

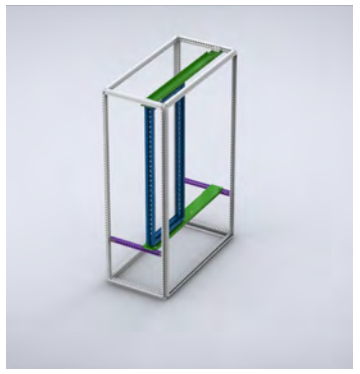
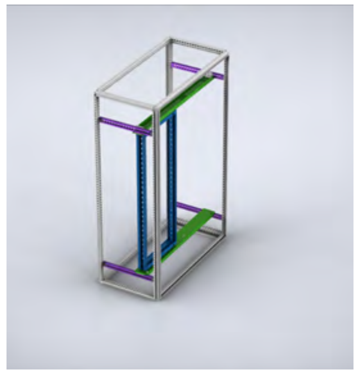
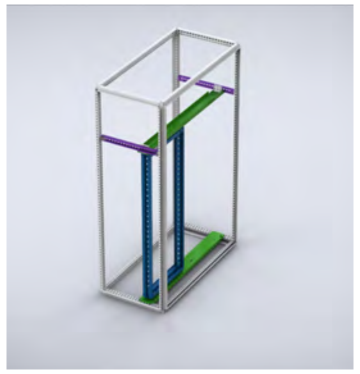
ESFC
Width: 600 mm

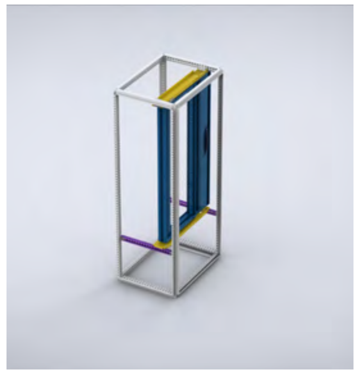
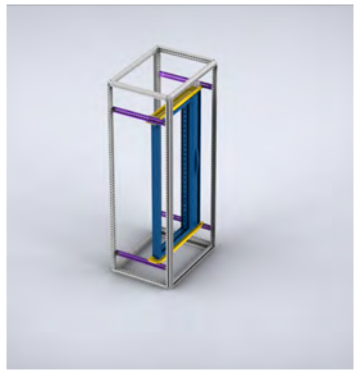
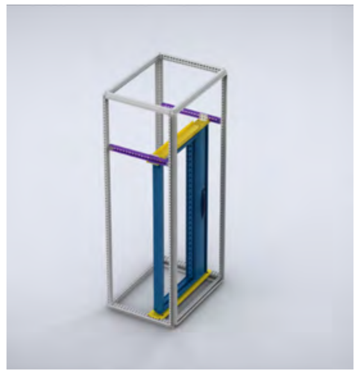
ESFC
Width: 800-1000 mm

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 | 19” mounting

Swing Frame transversal support bars, ESFB

Description: For full height mounting of swing frames in steel, combinable and compact 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) is provided in the top swing frame support with W>600mm and with ESFS or ESFM swing frames.

Material: 3 mm zinc plated steel.

Mounting requirements: 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 180º, ESFH

Description: Allows the swing frame to be opened up to 180º. 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 requirements: To be used in combination with ESFS mounted in 800 mm, 1000 mm and 1200 mm wide enclosures.

Item no.
ESFH180

Swing frame door stop, ESFD

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°	ESFD130
180°	ESFD180

Transport bracket for swing frame, ESFT

Description: To block swing frame in a closed position during transportation.

Pack quantity: 1 piece with mounting accessories.

Description	Item no.
Swing frame stopper	ESFT01

Swing Frame mounting plates, 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	
H	**Item no.**
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 requirements: 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 | 19” mounting

Partial height swing frames, 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:	1 double-bit 3 mm lock.
Material:	2 mm zinc plated steel.
Pack quantity:	1 swing frame with hinges.
Mounting requirements:	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

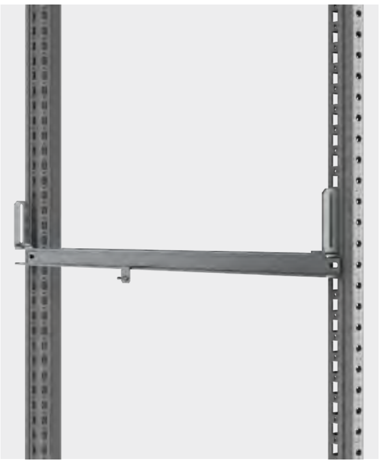
Description:	Enables partial height swing frames to be mounted in floor standing, combinable and compact, steel enclosures enclosures with full access to the enclosure's aperture. The swing frame can be mounted to allow both left and right hand opening.
Material:	3 mm zinc plated steel.
Pack quantity:	1 complete kit for one swing frame.
Mounting requirements:	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:	1 complete kit including mounting brackets for one swing frame.
Mounting requirements:	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.

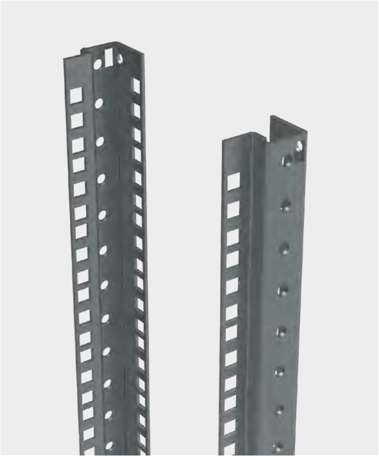
For enclosure	
W	**Item no.**
600	SFBP600
800	SFBP800



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 requirements:	To be used in conjunction with CIB or CID profiles. For partial height mounting the CIWR is required.

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

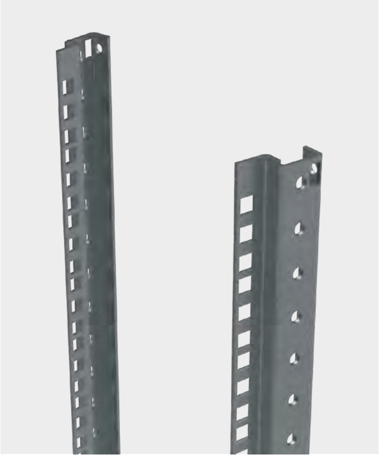


Floor Standing Enclosures

Steel Range

Accessories | 19” mounting

19” Mounting profiles, CIPD



Description:	Side universal 19" punching. For additional internal support.
Material:	2 mm zinc plated steel.
Pack quantity:	1 pair.
Mounting requirements:	To be used in conjunction with CIB or CID profiles. For partial height mounting the CIWR is required.

For enclosure		
H	**U**	**Item no.**
1600	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.

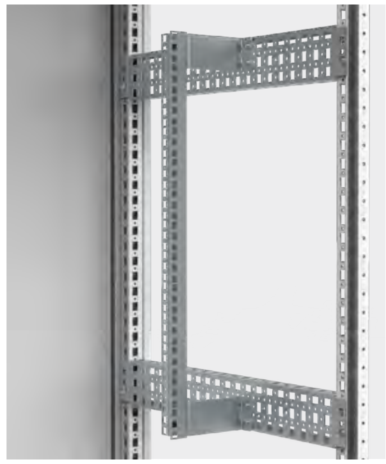
For enclosure	
W	**Item no.**
600	CIB600
800	CIB800

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

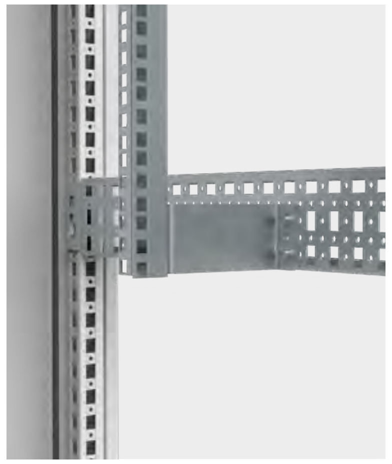
19” partial height mounting profiles, CIPP



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 requirements:	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 19” partial height 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 | 19” mounting

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.

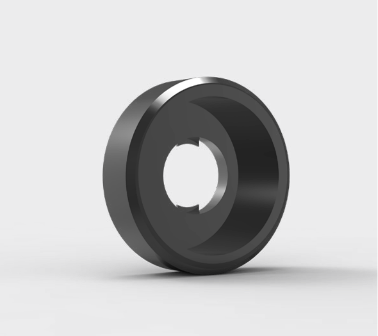
Enclosure dimensions			
H	**W**	**Height U**	**Item no.**
2000	600	42	FFC2006R5

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

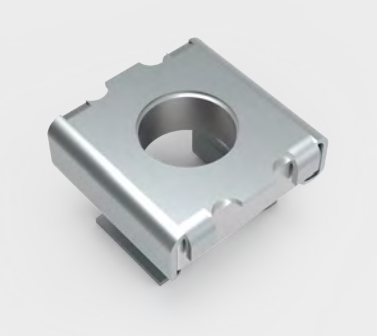
Plastic washers, PW



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

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	980 N	L406
406	click-in	490 N	L406C
470	screwed	980 N	L470
470	click-in	490 N	L470C
597	screwed	980 N	L597
700	screwed	980 N	L700

Front fixation 19” shelf, MTR

Description:	For front mounting. The tray can be adjusted towards front or rear. Ventilation openings.
Additional information:	Can be used with swing frames.
Material:	1.5 mm steel.
Finish:	RAL 7035.
Pack quantity:	1 complete kit with mounting material.

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

Floor Standing Enclosures

Steel Range

Accessories | 19” mounting

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:	RAL 7035.
Pack quantity:	1 shelf with mounting material.

For enclosure			
W	**D**	**Max. loading**	**Item no.**
19"	404	1200 N	VSF1406
19"	468	1200 N	VSF1470
19"	595	1200 N	VSF1597

19” telescopic shelf, VTS

Description:	Mounted directly onto the 19" profiles, front and rear, 1U high. Ventilation openings.
Material:	1 mm steel.
Finish:	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 Keybord tray, 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:	RAL 7035.
Pack quantity:	1 keyboard tray with telescopic rails and fixing accessories.

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 15x M5 connections each. Cable entrance in the rear 400 x 35 mm fitted with cable brush.
Material:	1.5 mm steel plate.
Finish:	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:	RAL 7035.
Pack quantity:	1 piece.

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

Ventilated front panels, PACV

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

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

Floor Standing Enclosures

Steel Range

Accessories | 19” mounting

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:	1.5 mm galvanized steel.
Finish:	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 90º. Outlets 35º 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

Digital Temperature Unit

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:	0.28A / 0.56A.
Air circulation:	4.4 / 8.8 m³/min.
Measurement limits:	-50 ºC ... +125 ºC.
Measurement accuracy:	+/-0.5ºC.
Working temperature:	0...+50ºC.
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 m) with Shuko plug and sensor cable (1.2 m). 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

24V DC and 115V available on request.

Floor Standing Enclosures
Steel Range
Accessories | 19” mounting

Cable tray, DCT

Description:	Cable tray with punching for cable management in the side of the enclosure. Length 1.9 m.
Material:	1.5 mm zinc plated steel.
Mounting requirements:	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:	CTN cable trays are to be mounted on CLPK or CLPF profiles.
Pack quantity:	1 piece.

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

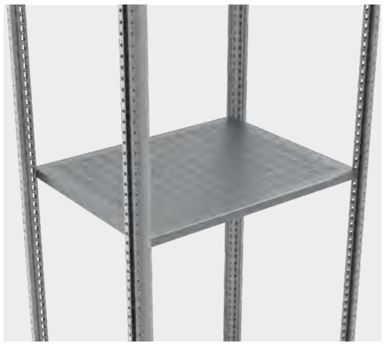
Cable tray clamps, CTC

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

Floor Standing Enclosures
Steel Range
Accessories | Shelves

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		
W	**D**	**w**	**d**	**Item no.**
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

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		
W	**D**	**Item no.**
600	600	SHTH0606
600	800	SHTH0608
800	600	SHTH0806
800	800	SHTH0808

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 requirements:	Add SHTP profiles for full/partial depth installation to the enclosure's frame.

For enclosure		Shelf dimensions		
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

Floor Standing Enclosures

Steel Range

Accessories | Shelves

Mounting profiles for SHT, SHTP

Description: Profiles for partial and full depth mounting of the telescopic shelf SHT. Makes 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: 4 mm galvanized steel. Brackets: 3 mm galvanized steel.

Pack quantity: 1 seismic bracket with mounting material.

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

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

**Other dimensions are available upon request.*

Floor Standing Enclosures
Steel Range
Accessories | Fixation

Plinth

		Mild steel, combinable enclosures MCS / MCD		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**	**Required accessories**	**Page**
STAND ALONE ENCLOSURE	**Plinth**	Front/rear plinths, **PF** Plinth side panels, **PS**	166 168	Front/rear plinths, **PF** Plinth side panels, **PS**	166 168	Stainless steel front/rear plinths, **PFS** Stainless steel plinth side panels, **PSS**	169 170	Stainless steel front/rear plinths, **PFS** Stainless steel plinth side panels, **PSS**	169 170
	Ventilated plinth	Ventilated front/rear plinths, **PV** Plinth side panels, **PS**	167 168	Ventilated front/rear plinths, **PV** Plinth side panels, **PS**	167 168	*Not available*	N/A	*Not available*	N/A
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	166 168	*Not available*	N/A	Front/rear plinths, **PFS** One per enclosure Side plinths, **PSS** One per enclosure	169 170	*Not available*	N/A
	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	166 168	*Not available*	N/A	Front/rear plinths, **PFS** One per enclosure Side plinths, **PSS** One per group of enclosures	169 170	*Not available*	N/A
	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	166 168 168	*Not available*	N/A	*Not available*	N/A	*Not available*	N/A
	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	167 168	*Not available*	N/A	*Not available*	N/A	*Not available*	N/A
	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	167 168	*Not available*	N/A	*Not available*	N/A	*Not available*	N/A
	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	167 168 168	*Not available*	N/A	*Not available*	N/A	*Not available*	N/A

Floor Standing Enclosures
Steel Range
Accessories | Fixation

Leveling feet and wheels

		Mild steel, combinable enclosures		Mild steel, compact enclosures		Stainless steel, combinable enclosures		Stainless steel, compact enclosures	
		MCS / MCD		**MKS / MKD**		**MCSS / MCDS**		**EKSS / EKDS**	
		Required accessories	**Page**	**Required accessories**	**Page**	**Required accessories**	**Page**	**Required accessories**	**Page**
LEVELING FEET	**Directly fixed in the enclosure**	Leveling feet, **LF** One per enclosure	170	Leveling feet, **LF** One per enclosure	170	Leveling feet, **LF** One per enclosure	170	Leveling feet, **LF** One per enclosure	170
	Fixation in the plinth, for stand alone enclosures	Front/rear plinths, **PF** or **PV** Plinth side panels, **PS** Leveling feet, **LF**	166 168 170	Front/rear plinths, **PF** or **PV** Plinth side panels, **PS** Leveling feet, **LF**	166 168 170	Front/rear plinths, **PFS** Side plinths, **PSS** Leveling feet, **LF**	169 170 170	Front/rear plinths, **PFS** Side plinths, **PSS** Leveling feet, **LF**	169 170 170
	Fixation in the plinth, for bayed enclosures without communication between the plinths	Front/rear plinths, **PF** or **PV** One per enclosure Plinth side panels, **PS** One per enclosure Leveling feet, **LF** One per enclosure	166 168 170	*Not available*	N/A	Front/rear plinths, **PFS** One per enclosure Side plinths, **PSS** One per enclosure Leveling feet, **LF** One per enclosure	169 170 170	*Not available*	N/A
	Fixation in the plinth, for bayed enclosures with communication between the plinths	Front/rear plinths, **PF** or **PV** One per enclosure Plinth combining profiles, **PCP** One per enclosure joining Plinth side panels, **PS** One per group of enclosures Leveling feet, **LF** One per enclosure	166 168 168 170	*Not available*	N/A	*Not available*	N/A	*Not available*	N/A
WHEELS	**Directly fixed in the enclosure**	Casters, **LCR** One per enclosure	171	Casters, **LCR** One per enclosure	171	Casters, **LCR** One per enclosure	171	Casters, **LCR** One per enclosure	171
	Fixation in the plinth, for stand alone enclosures	Front/rear plinths, **PF** or **PV** Plinth side panels, **PS** Casters, **LCR**	166 168 171	Front/rear plinths, **PF** or **PV** Plinth side panels, **PS** Casters, **LCR**	166 168 171	Front/rear plinths, **PFS** Side plinths, **PSS** Casters, **LCR**	169 170 171	Front/rear plinths, **PFS** Side plinths, **PSS** Casters, **LCR**	169 170 171
	Fixation in the plinth, for bayed enclosures without communication between the plinths	Front/rear plinths, **PF** or **PV** One per enclosure Plinth side panels, **PS**, One per enclosure Casters, **LCR** One per enclosure	166 168 171	*Not available*	N/A	Front/rear plinths, **PFS** One per enclosure Side plinths, **PSS** One per enclosure Casters, **LCR** One per enclosure	169 170 171	*Not available*	N/A
	Fixation in the plinth, for bayed enclosures with communication between the plinths	Front/rear plinths, **PF** or **PV** One per enclosure Plinth combining profiles, **PCP** One per enclosure joining Plinth side panels, **PS** One per group of enclosures Casters, **LCR** One per enclosure	166 168 168 171	*Not available*	N/A	*Not available*	N/A	*Not available*	N/A

Floor Standing Enclosures

Steel Range

Accessories | Fixation

Wall brackets

		Mild steel, combinable enclosures		Mild steel, compact enclosures		Stainless steel, combinable enclosures		Stainless steel, compact enclosures	
		MCS / MCD		**MKS / MKD**		**MCSS / MCDS**		**EKSS / EKDS**	
		Required accessories	**Page**	**Required accessories**	**Page**	**Required accessories**	**Page**	**Required accessories**	**Page**
WALL BRACKETS	**Stand alone enclosure**	Wall fixing brackets, **CCB**	171	Wall fixing brackets, **CCB**	171	Stainless steel wall fixing brackets, **CCBS**	171	Stainless steel wall fixing brackets, **CCBS**	171
	Bayed enclosures	Wall fixing brackets, **CCB** One per enclosure	171	*Not available*	N/A	Stainless steel wall fixing brackets, **CCBS** One per enclosure	171	*Not available*	N/A

Floor Standing Enclosures

Steel Range

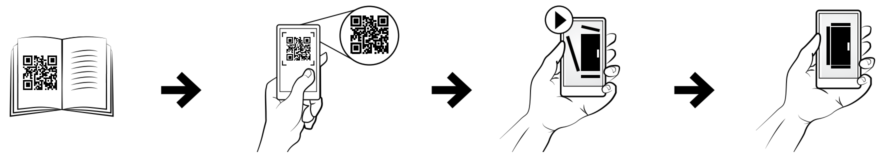
Accessories | Fixation

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 requirements:	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

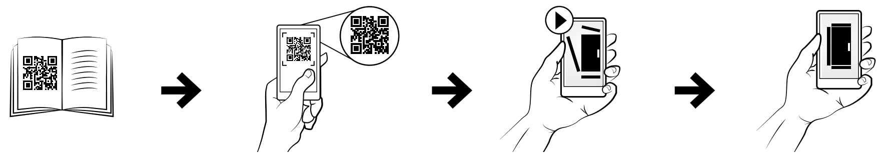
For enclosures 1600 mm wide use 2 x 800 mm wide plinth.



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 requirements:	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



Side plinths, PS

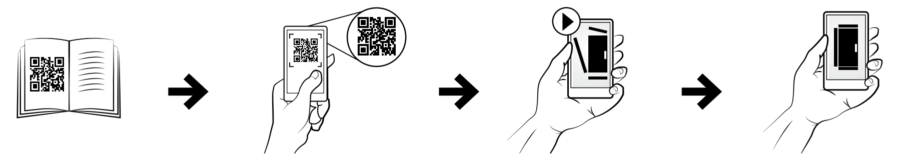
Description: Side panels to cover the openings in the sides of the PF/PV plinths. Double folded panels for maximum strength. Compatible with combinable and semi-compact enclosure ranges.

Material: 1.5 mm steel plate.

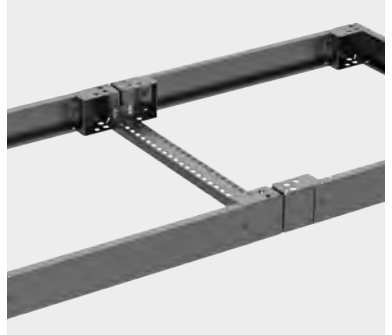
Finish: RAL 7022 structured powder coating.

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	400	PS2040
200	300	PS2030
200	500	PS2050
200	600	PS2060
200	800	PS2080



Plinth combining profiles, PCP



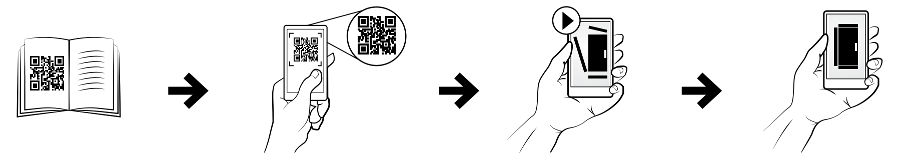
Description: Acts as a stabiliser when cabling is routed between bayed enclosures. With the PCP, plinths can be combined and fixed to the floor before the enclosures are mounted on them. The PCP can be used when cables have to go under the enclosure. For 200 mm high plinths, the PCP can be mounted in three different heights, top, middle or bottom. The hole pattern for cage nuts and M5 x 10 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



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 1.5 mm.

Finish: 400 pre-grained stainless steel.

Pack quantity: 1x front plinth and 1x rear plinth with mounting accessories.

Mounting requirements: 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.

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.

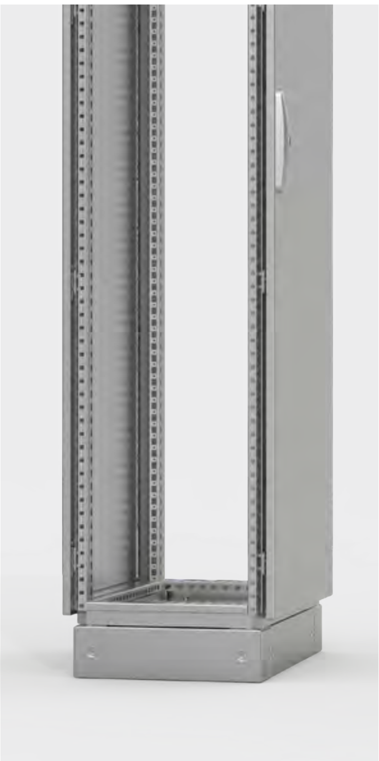
Item no.
LF430

Floor Standing Enclosures

Steel Range

Accessories | Fixation

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: 1.5 mm.
Finish:	400 pre-grained stainless steel.
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
100	800	PSS1080-316
100	1000	PSS1100-316
200	400	PSS2040
200	400	PSS2040-316
200	500	PSS2050
200	500	PSS2050-316
200	600	PSS2060
200	600	PSS2060-316
200	800	PSS2080-316
200	1000	PSS2100-316

Levelling adjuster, LFA

Description:	For levelling adjustment on uneven floors at the installation site up to a maximum of 15 mm. Installed through the PF/PFS plinth corner piece.
Material:	Zinc plated.
Maximum load:	2500 N per foot.
Pack quantity:	4 pieces with mounting accessories.

Item no.
LFA104
LFA204

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 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

Floor Standing Enclosures

Steel Range

Accessories | Full height doors

Full height doors		Mild steel, combinable enclosures		Mild steel, compact enclosures		Stainless steel, combinable enclosures		Stainless steel, compact enclosures	
		MCS / MCD		**MKS / MKD**		**MCSS / MCDS**		**EKSS / EKDS**	
		Required accessories	**Page**	**Required accessories**	**Page**	**Required accessories**	**Page**	**Required accessories**	**Page**
PLAIN DOOR	**Replacement of standard door, 130° opening**	Plain door, **DN**	176	Plain door, **DN**	176	Stainless steel plain door, **DNSS**	177	Stainless steel plain door, **DNSS**	177
	Additional door in the rear, 130° opening	Plain door, **DN** Door mounting kit, **DNMK**	176 179	Plain door, **DN** Door mounting kit, **DNMK**	176 179	Stainless steel plain door, **DNSS** Door mounting kit for stainless steel enclosures, **DNMKS**	177 179	Stainless steel plain door, **DNSS** Door mounting kit for stainless steel enclosures, **DNMKS**	177 179
GLAZED DOOR	**Replacement of standard door, 130° opening**	Glazed door, **DNG**	178	Glazed door, **DNG**	178	Stainless steel glazed door, **DNGS**	178	Stainless steel glazed door, **DNGS**	178
	Additional door in the rear, 130° opening	Glazed door, **DNG** Door mounting kit, **DNMK**	178 179	Glazed door, **DNG** Door mounting kit, **DNMK**	178 179	Stainless steel glazed door, **DNGS** Door mounting kit for stainless steel enclosures, **DNMKS**	178 179	Stainless steel glazed door, **DNGS** Door mounting kit for stainless steel enclosures, **DNMKS**	178 179
SIDE DOOR	**Side door**	Side door, **DNS**	180	*Not available*	N/A	*Not available*	N/A	*Not available*	N/A
RAISED SIDE DOOR	**Raised side door for cabling**	Raised side door, **DNSR**	227	*Not available*	N/A	*Not available*	N/A	*Not available*	N/A
	Raised side door for cabling with marshalling plate	Raised side door, **DNSR** Marshalling plate, **MM** Cover plate, **MMG**. Required when some cut-outs are not used	227 228 228	*Not available*	N/A	*Not available*	N/A	*Not available*	N/A
INNER DOOR	**Inner door adjustable in depth**	Inner door, **DI**	180	Inner door, **DI**	180	Inner door, **DI** * Mild steel, painted in RAL 7035	180	Inner door, **DI** * Mild steel, painted in RAL 7035	180

Floor Standing Enclosures

Steel Range

Accessories | Full height doors

Door accessories		Mild steel, combinable enclosures		Mild steel, compact enclosures		Stainless steel, combinable enclosures		Stainless steel, compact enclosures	
		MCS / MCD		**MKS / MKD**		**MCSS / MCDS**		**EKSS / EKDS**	
		Required accessories	**Page**	**Required accessories**	**Page**	**Required accessories**	**Page**	**Required accessories**	**Page**
180° HINGES	**For plain and glazed doors**	180° door hinges, **DHN**	179	180° door hinges, **DHN**	179	180° door hinges, **DHN** * Made in Zamak	179	180° door hinges, **DHN** * Made in Zamak	179
	For side doors	180° door hinges, **DHN**	179	180° door hinges, **DHN**	179	*Not available*	N/A	*Not available*	N/A
	For inner doors	*Not available*	N/A	*Not available*	N/A	*Not available*	N/A	*Not available*	N/A
DOORSTOP	**For plain and glazed doors**	Door stop, **DSTP**	182	Door stop, **DSTP**	182	Door stop, **DSTP**	182	Door stop, **DSTP**	182
	For side doors	Door stop, **DSTP**	182	*Not available*	N/A	*Not available*	N/A	*Not available*	N/A
	For raised side doors	*Not available*	N/A	*Not available*	N/A	*Not available*	N/A	*Not available*	N/A
	For inner doors	*Not available*	N/A	*Not available*	N/A	*Not available*	N/A	*Not available*	N/A
DOOR WHEELS	**For plain and glazed doors**	Door wheels, **DW**	182	Door wheels, **DW**	182	Door wheels, **DW**	182	Door wheels, **DW**	182
	For side doors	Door wheels, **DW**	182	*Not available*	N/A	*Not available*	N/A	*Not available*	N/A
	For inner doors	*Not available*	N/A	*Not available*	N/A	*Not available*	N/A	*Not available*	N/A
PLASTIC DOOR SUPPORT DEVICE	**For plain and glazed doors**	Plastic door support device, **DPSL**	182	Plastic door support device, **DPSL**	182	Plastic door support device, **DPSL**	182	Plastic door support device, **DPSL**	182
	For side doors	Plastic door support device, **DPSL**	182	*Not available*	N/A	*Not available*	N/A	*Not available*	N/A
	For inner doors	*Not available*	N/A	*Not available*	N/A	*Not available*	N/A	*Not available*	N/A
PLASTIC DOCUMENT POCKET	**For all doors**	Adhesive plastic document pocket, **DRA**	183	Adhesive plastic document pocket, **DRA**	183	Adhesive plastic document pocket, **DRA**	183	Adhesive plastic document pocket, **DRA**	183
STEEL DOCUMENT POCKET	**For all external doors**	Steel document pocket to be fixed on the door frame, **DRB**	183	Steel document pocket to be fixed on the door frame, **DRB**	183	Steel document pocket to be fixed on the door frame, **DRB** Stainless steel version available	183	Steel document pocket to be fixed on the door frame, **DRB** Stainless steel version available	183
DRAWING DESK	**For all external doors**	Drawing desk, **DDK** * Two **DCP** profiles are required for doors wider than the desk	183 184	Drawing desk, **DDK** * Two **DCP** profiles are required for doors wider than the desk	183 184	Drawing desk, **DDK** * Two **DCP** profiles are required for doors wider than the desk * Mild steel, painted in RAL 7035	183 184	Drawing desk, **DDK** * Two **DCP** profiles are required for doors wider than the desk * Mild steel, painted in RAL 7035	183 184
DOOR FRAME MOUNTING PROFILES	**For all external doors**	Door frame mounting profiles, **DCP**	184	Door frame mounting profiles, **DCP**	184	Door frame mounting profiles, **DCP**	184	Door frame mounting profiles, **DCP**	184

Floor Standing Enclosures

Steel Range

Accessories | Full height doors

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 requirements:	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	DN1206LR5
1400	500	DN1405LR5
1400	600	DN1406LR5
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	DN1206RR5
1400	500	DN1405RR5
1400	600	DN1406RR5
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:	800 N.
Finish:	400 pre-grained stainless steel.
Pack quantity:	1 piece.
Mounting requirements:	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 Enclosures

Steel Range

Accessories | Full height doors

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 requirements:	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

Stainless steel glazed doors, 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: 4 mm clear safety glass.
Finish:	400 pre-grained stainless steel.
Protection:	IP 55 | TYPE 12, 13 | IK 07.
Mounting requirements:	Use hinge kit DNMKS01 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, DNMK

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	DNMK01
for double door enclosures	DNMK02

Door mounting kits, stainless steel floorstanding enclosures, DNMKS

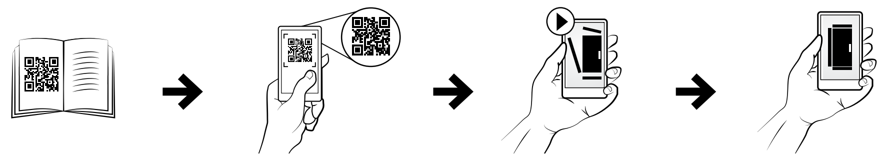
Description:	Door mounting kit for stainless steel floor standing enclosures. Required when fitting a door. Only needed when there was no door mounted previously.
Pack quantity:	1 complete kit with hinges, rod catches and mounting accessories.

Description	Item no.
for single door enclosures	DNMKS01
for double door enclosures	DNMKS02

Door hinges 180°, DHN

Description:	Adjustable door hinges which allows the door to open 180°. Machining is required.
Material:	Die-cast alloy.
Finish:	Structured black.
Maximum load:	800 N (per kit).
Pack quantity:	4 hinges with mounting accessories.

Item no.
DHN180N



Floor Standing Enclosures

Steel Range

Accessories | Full height doors

Side doors, 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. Equipped with 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.
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.

Floor Standing Enclosures

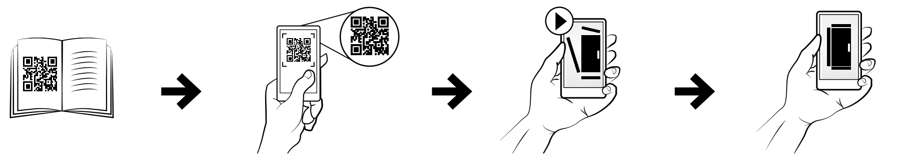
Steel Range

Accessories | Full height doors

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°.
Pack quantity:	1 piece with mounting accessories.

Material	Item no.
Zinc plated	DSTP02
Stainless steel 316L	DSTP02-316



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.
Pack quantity:	2 pieces with mounting accessories.

Item no.
DW01

Door plastic support, DPSL

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.

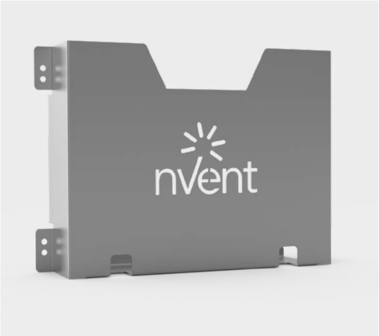
Item no.
DPSL01

Document pockets, DRB

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

Description	Material	Item no.
Universal document pocket 300mm wide	1.5 mm mild steel	DRB0303R5
For 600 mm doors	1.5 mm mild steel	DRB600R5
For 800 mm doors	1.5 mm mild steel	DRB800R5

Document pockets, DRBS



Description:	A large steel document pocket fixed directly onto the door frame. Usable depth: 68 mm.
Finish:	400 pre-grained stainless steel.
Pack quantity:	1 piece with mounting accessories.

Description	Material	Item no.
Universal document pocket 300 mm wide	Stainless steel 316L	DRBS03030-316L
For 800 mm doors	Stainless steel 316L	DRBS0800-316L
For 1000 mm doors	Stainless steel 316L	DRBS1000-316L

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

Floor Standing Enclosures

Steel Range

Accessories | Full height doors

Drawing desks, 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 55º, 70º and 90º. The DDK800R5 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

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.

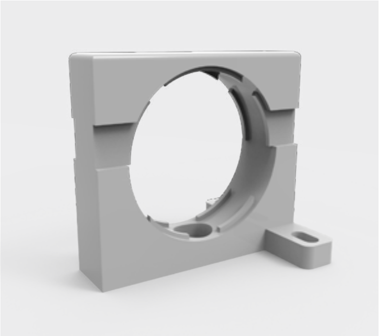
W	Item no.
400	DCP402
500	DCP502
600	DCP602
800	DCP802
1000	DCP1002

Cable conduits, 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 requirements:	Add CONH for direct mounting to profiles.
Pack quantity:	25 m.

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

Universal conduit holders, 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:	3 A / 240 V.
Approvals:	CE, cCSAus, CCC.
Pack quantity:	1 piece with mounting accessories.

Item no.
DSW01

Universal keyboard trays, 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 Enclosures

Steel Range

Accessories | Full height doors

Transparent aluminium windows, 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			
H	W	h	w	N° of locks	Item no.
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

Transparent aluminium windows, ADAB

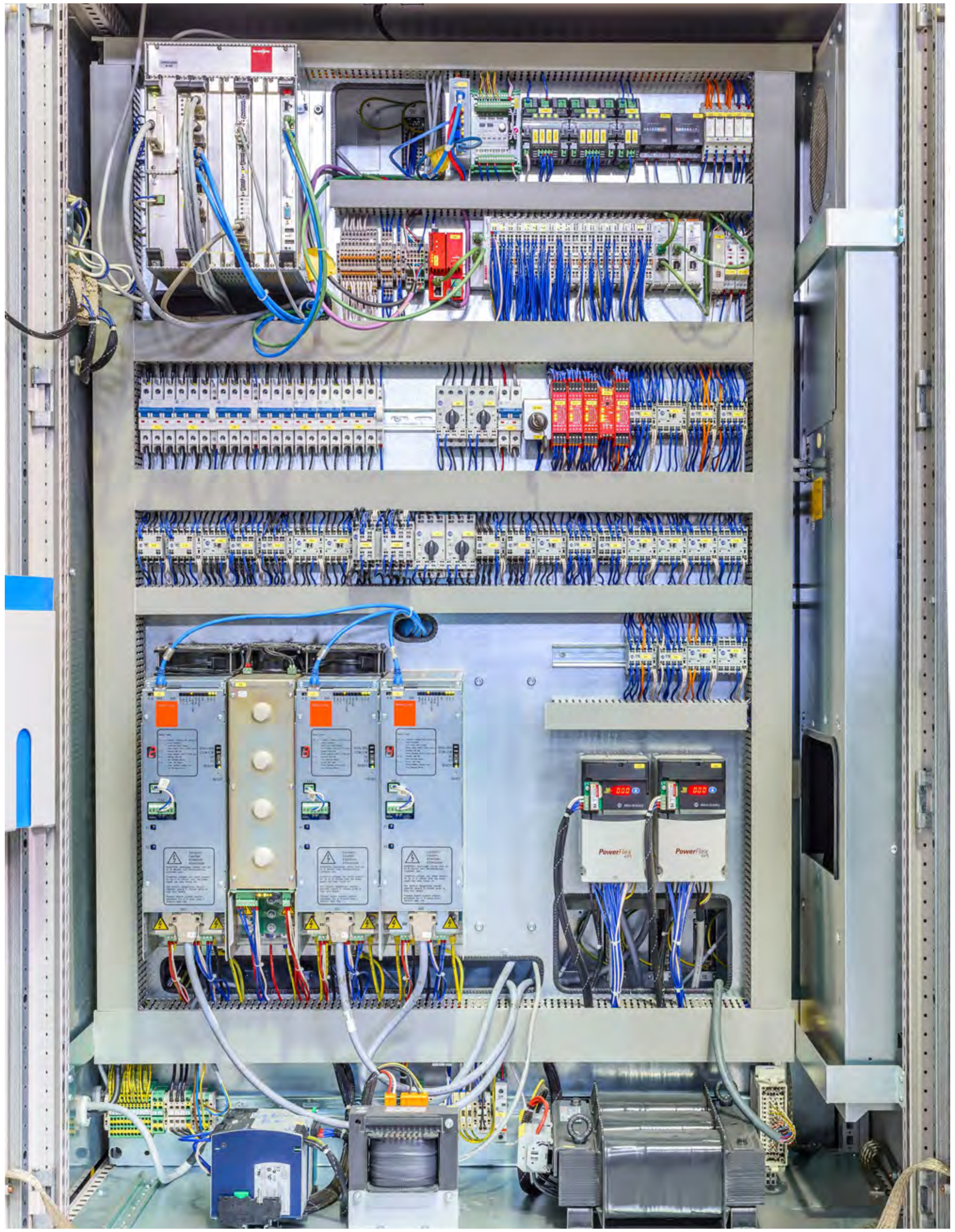
Description:	Viewing window when used in combination with mounting kit ADABMK. The 3 mm DIN lock can be replaced by any optional insert or handle. It increases the enclosure depth in 35 mm.
Material:	Aluminium and 3 mm acrylic glass.
Finish:	Anodised aluminium.
Protection:	Complies with IP54.
Pack quantity:	1 viewing window.

For enclosure		Viewing area			
H	W	h	w	N° of locks	Item no.
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



Floor Standing Enclosures

Steel Range

Accessories | Locking

Locking systems for full height doors

		Mild steel, combinable enclosures		Mild steel, compact enclosures		Stainless steel, combinable enclosures		Stainless steel, compact enclosures	
		MCS / MCD		**MKS / MKD**		**MCSS / MCDS**		**EKSS / EKDS**	
		Required accessories	**Page**	**Required accessories**	**Page**	**Required accessories**	**Page**	**Required accessories**	**Page**
STANDARD LOCK COVER	**Insert double bit 3 mm**	*Additional accessories not required*	N/A	*Additional accessories not required*	N/A	*Additional accessories not required*	N/A	*Additional accessories not required*	N/A
	Other inserts available in Eldon's portfolio	Inserts for standard lock cover, **LI**	196	Inserts for standard lock cover, **LI**	196	Inserts for standard lock cover, **LI**	196	Inserts for standard lock cover, **LI**	196
LIFT HANDLE FOR ROUND CYLINDERS, WITHOUT PADLOCKING	**Square, triangle or double-bit insert**	Lifting handle lock cover, **LLH501**N Locking system insert for lift handles, **LHC523/LHC524/LHC526/LHC527/LHC528/LHC529**	196 197	Lifting handle lock cover, **LLH501**N Locking system insert for lift handles, **LHC523/LHC524/LHC526/LHC527/LHC528/LHC529**	197 197	Lifting handle lock cover, **LLHS501**N Locking system insert for lift handles, **LHC523/LHC524/LHC526/LHC527/LHC528/LHC529**	197 197	Lifting handle lock cover, **LLHS501**N Locking system insert for lift handles, **LHC523/LHC524/LHC526/LHC527/LHC528/LHC529**	197 197
	Ronis key C21323	Lifting handle lock cover, **LLH501**N Locking system insert for lift handles, **LHC522**	196 197	Lifting handle lock cover, **LLH501**N Locking system insert for lift handles, **LHC522**	196 197	Lifting handle lock cover, **LLHS501**N Locking system insert for lift handles, **LHC522**	197 197	Lifting handle lock cover, **LLHS501**N Locking system insert for lift handles, **LHC522**	197 197
	Daimler Benz	Lifting handle lock cover, **LLH501**N Locking system insert for lift handles, **LHC530**	196 197	Lifting handle lock cover, **LLH501**N Locking system insert for lift handles, **LHC530**	196 197	Lifting handle lock cover, **LLHS501**N Locking system insert for lift handles, **LHC530**	197 197	Lifting handle lock cover, **LLHS501**N Locking system insert for lift handles, **LHC530**	197 197
	Push button	Lifting handle lock cover, **LLH501**N Locking system insert for lift handles, **LHC536**	196 197	Lifting handle lock cover, **LLH501**N Locking system insert for lift handles, **LHC536**	196 197	Lifting handle lock cover, **LLHS501**N Locking system insert for lift handles, **LHC536**	197 197	Lifting handle lock cover, **LLHS501**N Locking system insert for lift handles, **LHC536**	197 197
	Other key numbers available on request	Lifting handle lock cover, **LLH501**N Locking system insert for lift handles, **LHCXXX**	196 197	Lifting handle lock cover, **LLH501**N Locking system insert for lift handles, **LHCXXX**	196 197	Lifting handle lock cover, **LLHS501**N Locking system insert for lift handles, **LHCXXX**	197 197	Lifting handle lock cover, **LLHS501**N Locking system insert for lift handles, **LHCXXX**	197 197
LIFT HANDLE FOR ROUND CYLINDERS, WITH PADLOCKING	**Square, triangle or double-bit insert**	Lifting handle lock cover, **LLH503**N Locking system insert for lift handles, **LHC523/LHC524/LHC526/LHC527/LHC528/LHC529**	196 197	Lifting handle lock cover, **LLH503**N Locking system insert for lift handles, **LHC523/LHC524/LHC526/LHC527/LHC528/LHC529**	196 197	Lifting handle lock cover, **LLH503**N Locking system insert for lift handles, **LHC523/LHC524/LHC526/LHC527/LHC528/LHC529** * RAL 5013	196 197	Lifting handle lock cover, **LLH503**N Locking system insert for lift handles, **LHC523/LHC524/LHC526/LHC527/LHC528/LHC529** * RAL 5013	196 197
	Ronis key C21323	Lifting handle lock cover, **LLH503**N Locking system insert for lift handles, **LHC522**	196 197	Lifting handle lock cover, **LLH503**N Locking system insert for lift handles, **LHC522**	196 197	Lifting handle lock cover, **LLH503**N Locking system insert for lift handles, **LHC522** * RAL 5013	196 197	Lifting handle lock cover, **LLH503**N Locking system insert for lift handles, **LHC522** * RAL 5013	196 197
	Daimler Benz	Lifting handle lock cover, **LLH503**N Locking system insert for lift handles, **LHC530**	196 197	Lifting handle lock cover, **LLH503**N Locking system insert for lift handles, **LHC530**	196 197	Lifting handle lock cover, **LLH503**N Locking system insert for lift handles, **LHC530** * RAL 5013	196 197	Lifting handle lock cover, **LLH503**N Locking system insert for lift handles, **LHC530** * RAL 5013	196 197
	Push button	Lifting handle lock cover, **LLH503**N Locking system insert for lift handles, **LHC536**	196 197	Lifting handle lock cover, **LLH503**N Locking system insert for lift handles, **LHC536**	196 197	Lifting handle lock cover, **LLH503**N Locking system insert for lift handles, **LHC536** * RAL 5013	196 197	Lifting handle lock cover, **LLH503**N Locking system insert for lift handles, **LHC536** * RAL 5013	196 197
	Other key numbers available on request	Lifting handle lock cover, **LLH503**N Locking system insert for lift handles, **LHCXXX**	196 197	Lifting handle lock cover, **LLH503**N Locking system insert for lift handles, **LHCXXX**	196 197	Lifting handle lock cover, **LLH503**N Locking system insert for lift handles, **LHCXXX** * RAL 5013	196 197	Lifting handle lock cover, **LLH503**N Locking system insert for lift handles, **LHCXXX** * RAL 5013	196 197
LIFT HANDLE FOR HALF CYLINDERS, WITHOUT PADLOCKING	**Ronis key C21323**	Lifting handle lock cover, **LLH502**N Locking system insert for lift handles, **LHC521**	196 197	Lifting handle lock cover, **LLH502**N Locking system insert for lift handles, **LHC521**	196 197	Lifting handle lock cover, **LLHS502**N Locking system insert for lift handles, **LHC521**	197 197	Lifting handle lock cover, **LLHS502**N Locking system insert for lift handles, **LHC521**	197 197
	Cover plate, MMG. Required when some cut-outs are not used	Lifting handle lock cover, **LLH502**N Locking system insert for lift handles, **LHC533**	196 197	Lifting handle lock cover, **LLH502**N Locking system insert for lift handles, **LHC533**	196 197	Lifting handle lock cover, **LLHS502**N Locking system insert for lift handles, **LHC533**	197 197	Lifting handle lock cover, **LLHS502**N Locking system insert for lift handles, **LHC533**	197 197

Floor Standing Enclosures

Steel Range

Accessories | Locking

Locking systems for full height doors

		Mild steel, combinable enclosures		Mild steel, compact enclosures		Stainless steel, combinable enclosures		Stainless steel, compact enclosures	
		MCS / MCD		**MKS / MKD**		**MCSS / MCDS**		**EKSS / EKDS**	
		Required accessories	**Page**	**Required accessories**	**Page**	**Required accessories**	**Page**	**Required accessories**	**Page**
LIFT HANDLE FOR HALF CYLINDERS, WITHOUT PADLOCKING	**Ronis key 2132E**	Lifting handle lock cover, **LLH502N** Locking system insert for lift handles, **LHC5212132E**	196 197	Lifting handle lock cover, **LLH502N** Locking system insert for lift handles, **LHC5212132E**	196 197	Lifting handle lock cover, **LLHS502N** Locking system insert for lift handles, **LHC5212132E**	197 197	Lifting handle lock cover, **LLHS502N** Locking system insert for lift handles, **LHC5212132E**	197 197
	Ronis key 3121E	Lifting handle lock cover, **LLH502N** Locking system insert for lift handles, **LHC5213121E**	196 197	Lifting handle lock cover, **LLH502N** Locking system insert for lift handles, **LHC5213121E**	196 197	Lifting handle lock cover, **LLHS502N** Locking system insert for lift handles, **LHC5213121E**	197 197	Lifting handle lock cover, **LLHS502N** Locking system insert for lift handles, **LHC5213121E**	197 197
	Adapter for ASSA Abloy and TrioVing cylinders	Lifting handle lock cover, **LLH502N** Locking system insert for lift handles, **LHC535**	196 197	Lifting handle lock cover, **LLH502N** Locking system insert for lift handles, **LHC535**	196 197	Lifting handle lock cover, **LLHS502N** Locking system insert for lift handles, **LHC535**	197 197	Lifting handle lock cover, **LLHS502N** Locking system insert for lift handles, **LHC535**	197 197
	Adapter for Ronis half cylinders	Lifting handle lock cover, **LLH502N** Locking system insert for lift handles, **LHC534**	196 197	Lifting handle lock cover, **LLH502N** Locking system insert for lift handles, **LHC534**	196 197	Lifting handle lock cover, **LLHS502N** Locking system insert for lift handles, **LHC534**	197 197	Lifting handle lock cover, **LLHS502N** Locking system insert for lift handles, **LHC534**	197 197
	Other key numbers available on request	Lifting handle lock cover, **LLH502N** Locking system insert for lift handles, **LHCXXX**	196 197	Lifting handle lock cover, **LLH502N** Locking system insert for lift handles, **LHCXXX**	196 197	Lifting handle lock cover, **LLHS502N** Locking system insert for lift handles, **LHCXXX**	197 197	Lifting handle lock cover, **LLHS502N** Locking system insert for lift handles, **LHCXXX**	197 197
LIFT HANDLE FOR HALF CYLINDERS, WITH PADLOCKING	**Ronis key C21323**	Lifting handle lock cover, **LLH504N** Locking system insert for lift handles, **LHC521**	196 197	Lifting handle lock cover, **LLH504N** Locking system insert for lift handles, **LHC521**	196 197	Lifting handle lock cover, **LLH504N** Locking system insert for lift handles, **LHC521** * RAL 5013	196 197	Lifting handle lock cover, **LLH504N** Locking system insert for lift handles, **LHC521** * RAL 5013	196 197
	Cylinder N°E1 (VW), key excluded	Lifting handle lock cover, **LLH504N** Locking system insert for lift handles, **LHC533**	196 197	Lifting handle lock cover, **LLH504N** Locking system insert for lift handles, **LHC533**	196 197	Lifting handle lock cover, **LLH504N** Locking system insert for lift handles, **LHC533** * RAL 5013	196 197	Lifting handle lock cover, **LLH504N** Locking system insert for lift handles, **LHC533** * RAL 5013	196 197
	Ronis key C2132E	Lifting handle lock cover, **LLH504N** Locking system insert for lift handles, **LHC5212132E**	196 197	Lifting handle lock cover, **LLH504N** Locking system insert for lift handles, **LHC5212132E**	196 197	Lifting handle lock cover, **LLH504N** Locking system insert for lift handles, **LHC5212132E** * RAL 5013	196 197	Lifting handle lock cover, **LLH504N** Locking system insert for lift handles, **LHC5212132E** * RAL 5013	196 197
	Ronis key C3121E	Lifting handle lock cover, **LLH504N** Locking system insert for lift handles, **LHC5213121E**	196 197	Lifting handle lock cover, **LLH504N** Locking system insert for lift handles, **LHC5213121E**	196 197	Lifting handle lock cover, **LLH504N** Locking system insert for lift handles, **LHC5213121E** * RAL 5013	196 197	Lifting handle lock cover, **LLH504N** Locking system insert for lift handles, **LHC5213121E** * RAL 5013	196 197
	Adapter for ASSA Abloy and TrioVing cylinders	Lifting handle lock cover, **LLH504N** Locking system insert for lift handles, **LHC535**	196 197	Lifting handle lock cover, **LLH504N** Locking system insert for lift handles, **LHC535**	196 197	Lifting handle lock cover, **LLH504N** Locking system insert for lift handles, **LHC535** * RAL 5013	196 197	Lifting handle lock cover, **LLH504N** Locking system insert for lift handles, **LHC535** * RAL 5013	196 197
	Adapter for Ronis half cylinders	Lifting handle lock cover, **LLH504N** Locking system insert for lift handles, **LHC534**	196 197	Lifting handle lock cover, **LLH504N** Locking system insert for lift handles, **LHC534**	196 197	Lifting handle lock cover, **LLH504N** Locking system insert for lift handles, **LHC534** * RAL 5013	196 197	Lifting handle lock cover, **LLH504N** Locking system insert for lift handles, **LHC534** * RAL 5013	196 197
	Other key numbers available on request	Lifting handle lock cover, **LLH504N** Locking system insert for lift handles, **LHCXXX**	196 197	Lifting handle lock cover, **LLH504N** Locking system insert for lift handles, **LHCXXX**	196 197	Lifting handle lock cover, **LLH504N** Locking system insert for lift handles, **LHCXXX** * RAL 5013	196 197	Lifting handle lock cover, **LLH504N** Locking system insert for lift handles, **LHCXXX** * RAL 5013	196 197
T-HANDLE	**Without cylinder**	T-handle, **LLTH560CEN**	198	T-handle, **LLTH560CEN**	198	T-handle, **LLTH560CEN** * RAL 5013	198	T-handle, **LLTH560CEN** * RAL 5013	198
	Ronis key C21323	T-handle, **LLTH560**	198	T-handle, **LLTH560N**	198	T-handle, **LLTH560N** * RAL 5013	198	T-handle, **LLTH560N** * RAL 5013	198
	Ronis key C2132E	T-handle, **LLTH5602132EN**	198	T-handle, **LLTH5602132EN**	198	T-handle, **LLTH5602132EN** * RAL 5013	198	T-handle, **LLTH5602132EN** * RAL 5013	198
	Ronis key C3121E	T-handle, **LLTH5603121EN**	198	T-handle, **LLTH5603121EN**	198	T-handle, **LLTH5603121EN** * RAL 5013	198	T-handle, **LLTH5603121EN** * RAL 5013	198
	Ronis key C3524E	T-handle, **LLTH5603524EN**	198	T-handle, **LLTH5603524EN**	198	T-handle, **LLTH5603524EN** * RAL 5013	198	T-handle, **LLTH5603524EN** * RAL 5013	198

Floor Standing Enclosures

Steel Range

Accessories | Locking

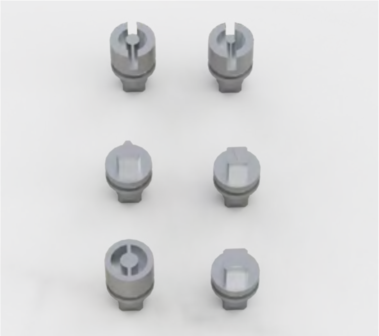
Locking systems for partial doors

		Mild steel, combinable enclosures		Mild steel, compact enclosures		Stainless steel, combinable enclosures		Stainless steel, compact enclosures	
		MCS / MCD		**MKS / MKD**		**MCSS / MCDS**		**EKSS / EKDS**	
		Required accessories	**Page**	**Required accessories**	**Page**	**Required accessories**	**Page**	**Required accessories**	**Page**
STANDARD LOCK COVER	**Insert double bit 3 mm**	*Additional accessories not required*	N/A	*Additional accessories not required*	N/A	*Not available*	N/A	*Not available*	N/A
	Other inserts available in Eldon's portfolio	Inserts for standard lock cover, **ALIS**	328	Inserts for standard lock cover, **ALIS**	328	*Not available*	N/A	*Not available*	N/A
KEY LOCK	**Chrome plated lock with cylinder, Ronis key M21323**	Key lock, **ALL508**	328	Key lock, **ALL508**	328	*Not available*	N/A	*Not available*	N/A
	Polyamide lock with cylinder, key 5333	Key lock, **ALL509**	328	Key lock, **ALL509**	328	*Not available*	N/A	*Not available*	N/A
	Polyamide Eldon lock with cylinder, Ronis key M21323	Key lock, **ALL510N**	328	Key lock, **ALL510N**	328	*Not available*	N/A	*Not available*	N/A
HANDLE	**Plastic handle**	Handle, **ALT560**	329	Handle, **ALT560**	329	*Not available*	N/A	*Not available*	N/A
	Chrome plated T-handle with cylinder, key M21323	Handle, **ALT561**	329	Handle, **ALT561**	329	*Not available*	N/A	*Not available*	N/A
	Chrome plated handle with cylinder, key M21323	Handle, **ALT562**	329	Handle, **ALT562**	329	*Not available*	N/A	*Not available*	N/A
	Plastic handle with cylinder, key 5333	Handle, **ALT563**	329	Handle, **ALT563**	329	*Not available*	N/A	*Not available*	N/A
PADLOCKING	**Padlocking cover to be used with the standard lock cover or key lock**	Padlocking, **PLC01**	329	Padlocking, **PLC01**	329	*Not available*	N/A	*Not available*	N/A

Floor Standing Enclosures
Steel Range
Accessories | Locking

Keys		Mild steel, combinable enclosures		Mild steel, compact enclosures		Stainless steel, combinable enclosures		Stainless steel, compact enclosures	
		MCS / MCD		**MKS / MKD**		**MCSS / MCDS**		**EKSS / EKDS**	
		Required accessories	**Page**	**Required accessories**	**Page**	**Required accessories**	**Page**	**Required accessories**	**Page**
KEYS	**Plastic double-bit 3 mm key**	Key, **LSK502**	198	Key , **LSK502**	198	Key, **LSK502**	198	Key, **LSK502**	198
	Metallic double-bit 3 mm key	Key, **LSK503**	198	Key, **LSK503**	198	Key, **LSK503**	198	Key, **LSK503**	198
	Metallic double-bit 5 mm key	Key, **LSK505**	198	Key, **LSK505**	198	Key, **LSK505**	198	Key, **LSK505**	198
	Metallic square 7 mm key	Key, **LSK523**	198	Key, **LSK523**	198	Key, **LSK523**	198	Key, **LSK523**	198
	Metallic square 8 mm key	Key, **LSK524**	198	Key, **LSK524**	198	Key, **LSK524**	198	Key, **LSK524**	198
	Metallic triangle 7 mm key	Key, **LSK526**	198	Key, **LSK526**	198	Key, **LSK526**	198	Key, **LSK526**	198
	Metallic triangle 8 mm key	Key, **LSK527**	198	Key, **LSK527**	198	Key, **LSK527**	198	Key, **LSK527**	198
	Multi key with double-bit 5 mm, square 8 mm, triangle 8 mm, and hexagonal adaptor	Multi key, **LSMK01**	198	Multi key, **LSMK01**	198	Multi key, **LSMK01**	198	Multi key, **LSMK01**	198

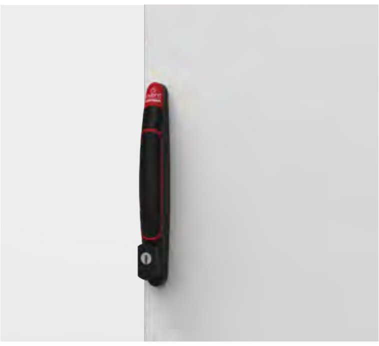
Inserts, LI



Description:	Inserts to replace the standard double-bit 3 mm insert in the standard lock cover.
Material:	Zamak.
Pack quantity:	1 piece.

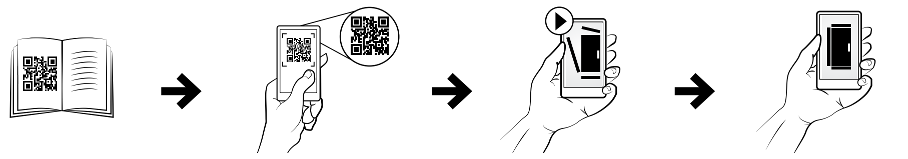
Description	Item no.
Double-bit 3 mm	LI503
Double-bit 5 mm	LI505
Square 7 mm	LI523
Square 8 mm	LI524
Triangular 7 mm	LI526
Triangular 8 mm	LI527
Daimler Benz	LI530

Lift handle lock covers, LLH



Description:	Lift handle for LHC locking inserts/half cylinders.
Material:	Zamak.
Pack quantity:	1 lift handle.
Mounting requirements:	Add LHC inserts/half cylinders when required.

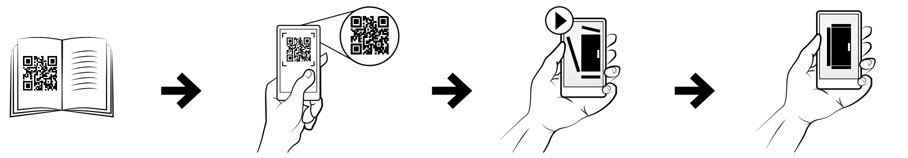
Description	Finish	Compatible inserts	Item no.
Without padlocking	RAL 9005	LHC522 / LHC523 / LHC524 / LHC526 / LHC527 / LHC528 / LHC529 / LHC530 / LHC536	LLH501N
Without padlocking	RAL 9005	LHC533 / LHC534 / LHC535 / LHC5212132E / LHC5213121E	LLH502N
With padlocking	RAL 9005	LHC522 / LHC523 / LHC524 / LHC526 / LHC527 / LHC528 / LHC529 / LHC530 / LHC536	LLH503N
With padlocking	RAL 9005	LHC533 / LHC534 / LHC535 / LHC5212132E / LHC5213121E	LLH504



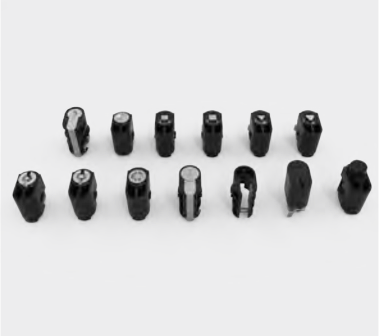
Lift handle lock covers, LLHS

Description:	Lift handle for LHC locking inserts/half cylinders.
Material:	Zamak.
Pack quantity:	1 lift handle.
Mounting requirements:	Add LHC inserts/half cylinders when required.

Description	Finish	Compatible inserts	Item no.
Without padlocking	Chrome	LHC522 / LHC523 / LHC524 / LHC526 / LHC527 / LHC528 / LHC529 / LHC530 / LHC536	LLHS501N
Without padlocking	Chrome	LHC533 / LHC534 / LHC535 / LHC5212132E / LHC5213121E	LLHS502N



Locking system for lift handles, 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	LLH502N/LLHS502N/LLH504N	LHC521
Round cylinder Ronis key C21323	LLH501N/LLHS501N/LLH503N	LHC522
Square 7 mm	LLH501N/LLHS501N/LLH503N	LHC523
Square 8 mm	LLH501N/LLHS501N/LLH503N	LHC524
Triangle 7 mm	LLH501N/LLHS501N/LLH503N	LHC526
Triangle 8 mm	LLH501N/LLHS501N/LLH503N	LHC527
Double-bit 3 mm	LLH501N/LLHS501N/LLH503N	LHC528
Double-bit 5 mm	LLH501N/LLHS501N/LLH503N	LHC529
Daimler Benz	LLH501N/LLHS501N/LLH503N	LHC530
Cylinder NºE1 (VW), key excluded	LLH502N/LLHS502N/LLH504N	LHC533
Adapter for other profile half cylinders (DIN18252)	LLH502N/LLHS502N/LLH504N	LHC534
Adapter for ASSA ABLOY and Trioving cylinders	LLH502N/LLHS502N/LLH504N	LHC535
Push button only	LLH501N/LLHS501N/LLH503N	LHC536
Profile half cylinder Ronis key 2132E	LLH502N/LLHS502N/LLH504N	LHC5212132E
Profile half cylinder Ronis key 3121E	LLH502N/LLHS502N/LLH504N	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.*

Floor Standing Enclosures

Steel Range

Accessories | Locking

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	LLTH560CEN
With Ronis cylinder key nr. C21323	LLTH560N
With Ronis cylinder key nr. 2132E	LLTH5602132EN
With Ronis cylinder key nr. 3121E	LLTH5603121EN
With Ronis cylinder key nr. 3524E	LLTH5603524EN

Keys, LSK

Description:	Key with nVent HOFFMAN 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

Multi key, LSMK

Description:	Multi-Key function with nVent HOFFMAN 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

Floor Standing Enclosures

Steel Range

Accessories | Interlocking system

Interlocking system

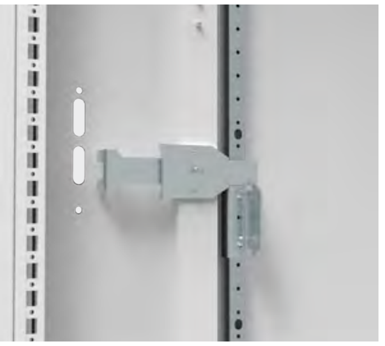
		Mild steel, combinable enclosures **MCS / MCD**		Mild steel, compact enclosures **MKS / MKD**		Stainless steel, combinable enclosures **MCSS / MCDS**		Stainless steel, compact enclosures **EKSS / EKDS**	
		Required accessories	**Page**	**Required accessories**	**Page**	**Required accessories**	**Page**	**Required accessories**	**Page**
ASSEMBLY WITH FLANGE MOUNT DISCONNECT	**Single enclosure**	Flange mount disconnect floor standing enclosure, **MCF** Main door interlock kit, **FMD**	36 202	*Not available*	N/A	*Not available*	N/A	*Not available*	N/A
	Bayed enclosure assembly	Flange mount disconnect floor standing enclosure, **MCF** Additional slave enclosures, **MCS** Main door interlock kit, **FMD** System actuator, **FMA*** *One per master door Interlock bar, **FMB**** **One per slave door (same width) Slave door interlock kit, **FMS***** ***One per slave door	36 12 202 202 203 203	*Not available*	N/A	*Not available*	N/A	*Not available*	N/A
DOOR INTERLOCKING FOR TWO DOORS OR MORE	**Bayed enclosure assembly**	Main enclosure, **MCS/MCD** Slave enclosures, **MCS/MCD** System actuator, **FMA*** *One per master door Interlock bar, **FMB**** **One per slave door (same width) Slave door interlock kit, **FMS***** ***One per slave door	12 12 202 203 203	*Not available*	N/A	Main enclosure, **MCSS/MCDS** Slave enclosures, **MCSS/MCDS** System actuator, **FMA*** *One per master door Interlock bar, **FMB**** **One per slave door (same width) Slave door interlock kit, **FMS***** ***One per slave door	60 60 202 203 203	*Not available*	N/A

Floor Standing Enclosures

Steel Range

Accessories | Interlocking system

Main door interlock kit, FMD



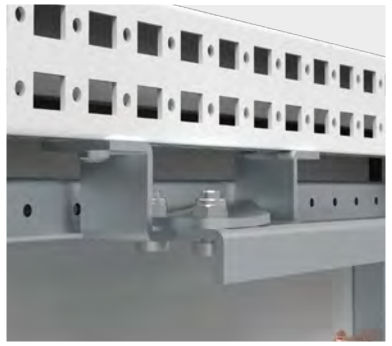
Description: Locks or releases the main door after the power has been switched. Universal adapter permits all popular manufacturers variable depth actuators without modification.

Material: Zinc plated steel.

Pack quantity: 1 piece with mounting material.

Item no.
FMD01

System actuator, FMA



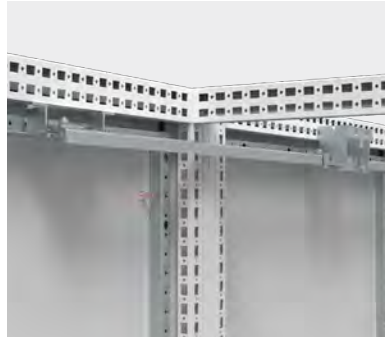
Description: Used with suited multiple enclosure installations. Activates the locking of the slave doors when the master door is closed. One per master door.

Material: Zinc plated steel.

Pack quantity: 1 piece with mounting material.

Item no.
FMA01

Interlock bars, FMB



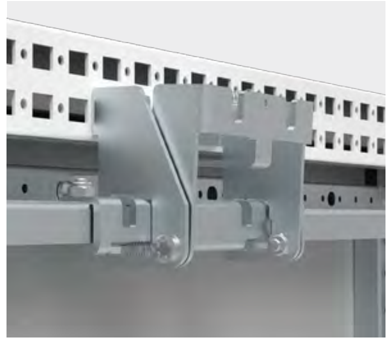
Description: For MCF/MCS enclosures. Interlock rods mechanically link all slave doors to the master door. Rod length corresponds to enclosure door width.

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 Enclosures

Steel Range

Accessories | Partial doors

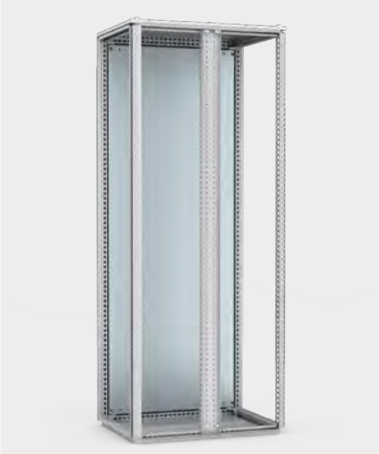
Partial doors		Mild steel, combinable enclosures **MCS / MCD**		Mild steel, compact enclosures **MKS / MKD**		Stainless steel, combinable enclosures **MCSS / MCDS**		Stainless steel, compact enclosures **EKSS / EKDS**	
		Required accessories	**Page**	**Required accessories**	**Page**	**Required accessories**	**Page**	**Required accessories**	**Page**
VERTICAL DIVISION	**Vertical division with front hole pattern**	Vertical dividers, **CDV**	206	Vertical dividers, **CDV**	206	*Not available*	N/A	*Not available*	N/A
	Vertical division with front and rear hole pattern	Vertical dividers, **CDV** Vertical dividing bars, **VB** One piece Fixing brackets, **VBK**	206 115 115	Vertical dividers, **CDV** Vertical dividing bars, **VB** One piece Fixing brackets, **VBK**	206 115 115	*Not available*	N/A	*Not available*	N/A
	Vertical division with front, rear, top and bottom hole pattern	Vertical dividers, **CDV** Vertical dividing bars, **VB** One piece Depth dividing bars, **VBD** Fixing brackets, **VBK**	206 115 115 115	Vertical dividers, **CDV** Vertical dividing bars, **VB** One piece Depth dividing bars, **VBD** Fixing brackets, **VBK**	206 115 115 115	*Not available*	N/A	*Not available*	N/A
VERTICAL SECTION WITH PLAIN TOP AND BOTTOM FRONT PANELS	**Vertical section with partial doors and panels**	Top and bottom panels, **DPC** Configuration of partial doors, **DP** Configuration of partial panels, **DPP** Horizontal dividers, **CDH** Qty = Nº of **DP** + Nº 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.	207 208 209 206	Top and bottom panels, **DPC** Configuration of partial doors, **DP** Configuration of partial panels, **DPP** Horizontal dividers, **CDHK** Qty = Nº of **DP** + Nº 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.	207 208 209 206	*Not available*	N/A	*Not available*	N/A
	Vertical section with door for cabling	Top and bottom panels, **DPC** Cable space door, **DPA** Height of the enclosure, less 200 mm Horizontal dividers, **CDH**. 2 pcs	207 210 206	Top and bottom panels, **DPC** Cable space door, **DPA** Height of the enclosure, less 200 mm Horizontal dividers, **CDHK**. 2 pcs	207 210 206	*Not available*	N/A	*Not available*	N/A
	Vertical section with panel for busbars	Vertical front panel, **DPB** Total height of the enclosure	210	Vertical front panel, **DPB** Total height of the enclosure	210	*Not available*	N/A	*Not available*	N/A
VERTICAL SECTION WITH VENTILATED TOP AND BOTTOM FRONT PANELS	**Vertical section with partial doors and panels**	Ventilated top and bottom panels, **DPCV** Configuration of partial doors, **DP** Configuration of partial panels, **DPP** Horizontal dividers, **CDH** Qty = Nº of **DP** + Nº 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.	207 208 209 206	Ventilated top and bottom panels, **DPCV** Configuration of partial doors, **DP** Configuration of partial panels, **DPP** Horizontal dividers, **CDHK** Qty = Nº of **DP** + Nº 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.	207 208 209 206	*Not available*	N/A	*Not available*	N/A
	Vertical section with door for cabling	Ventilated top and bottom panels, **DPCV** Cable space door, **DPA** Height of the enclosure, less 200 mm Horizontal dividers, **CDH**. 2 pcs	207 210 206	Ventilated top and bottom panels, **DPCV** Cable space door, **DPA** Height of the enclosure, less 200 mm Horizontal dividers, **CDHK**. 2 pcs	207 210 206	*Not available*	N/A	*Not available*	N/A
	Vertical section with panel for busbars	Vertical front panel, **DPB** Total height of the enclosure	210	Vertical front panel, **DPB** Total height of the enclosure	210	*Not available*	N/A	*Not available*	N/A

Floor Standing Enclosures

Steel Range

Accessories | Partial doors

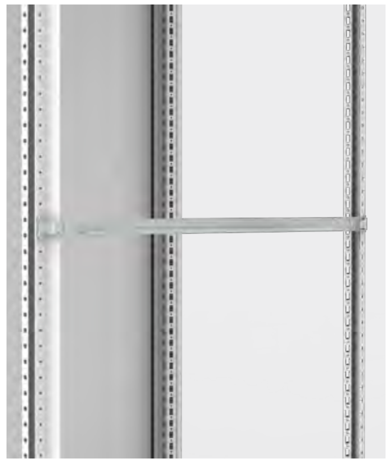
Vertical dividers, CDV



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

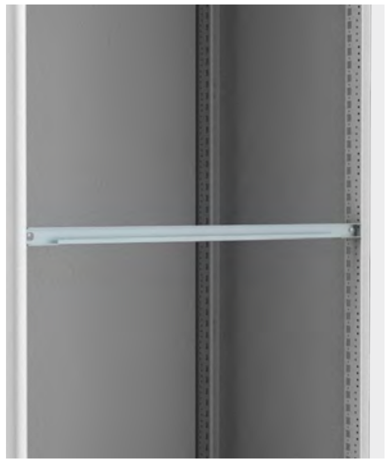
Horizontal dividers, CDH



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 requirements:	CDH pieces = number of door DP and/or panels DPP + 1.
Pack quantity:	2 profiles with mounting accessories.

W	**Item no.**
400	CDH400
600	CDH600
800	CDH800

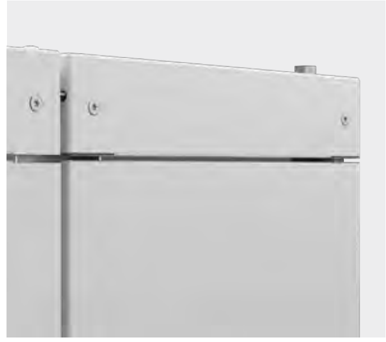
Horizontal dividers, CDHK



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.
Mounting requirements:	CDHK pieces = number of door DP and/or panels DPP + 1.
Pack quantity:	2 profiles with mounting accessories.

W	**Item no.**
400	CDHK400
600	CDHK600
800	CDHK800

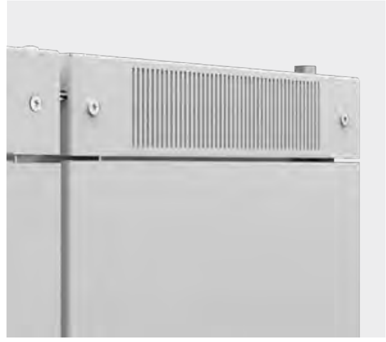
Top and bottom panels, DPC



Description:	Required to cover the remaining space at the top and bottom. Used in combination with horizontal dividers CDH/CDHK, 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 requirements:	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.

For enclosure		
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/CDHK, 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 requirements:	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.

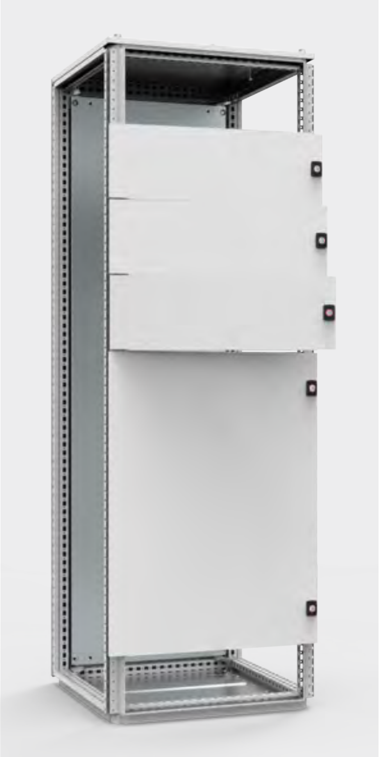
For enclosure			
W	**H (top)**	**H (bottom)**	**Item no.**
400	70	100	DPCV0714R5
600	70	100	DPCV0716R5
800	70	100	DPCV0718R5

Floor Standing Enclosures

Steel Range

Accessories | Partial doors

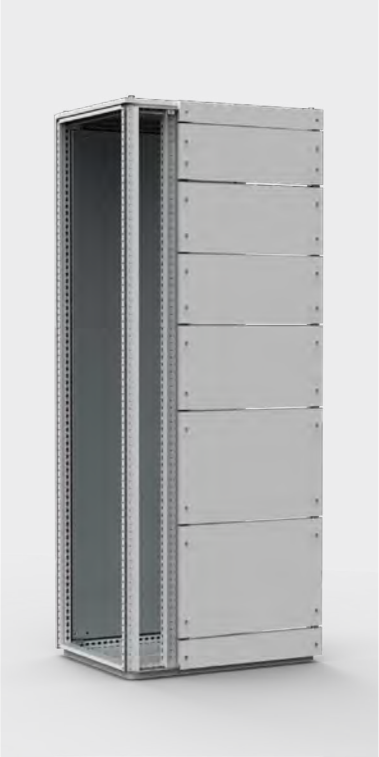
Partial doors, DP



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 requirements:	Add CDH for MC frames and use CDHK for MK frames. Use DPC/DPCV for top and bottom panels.

For enclosure		
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 requirements:	Add CDH for MC frames and use CDHK for MK frames. Use DPC/DPCV 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 Enclosures

Steel Range

Accessories | Partial doors

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:	2 mm steel plate.
Finish:	RAL 7035 structured powder coating.
Protection:	Complies with IP 44.
Mounting requirements:	Add CDH for MC frames and use CDHK for MK frames.
Pack quantity:	1 door with hinges and equipped with double-bit 3 mm espagnolette locking system.

H	W	Item no.
1600	400	DPA1604R5
1600	600	DPA1606R5
1800	400	DPA1804R5
1800	600	DPA1806R5
2000	400	DPA2004R5
2000	600	DPA2006R5

Vertical front panels, 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.

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

Partial doors 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 requirements:	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	N° 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.

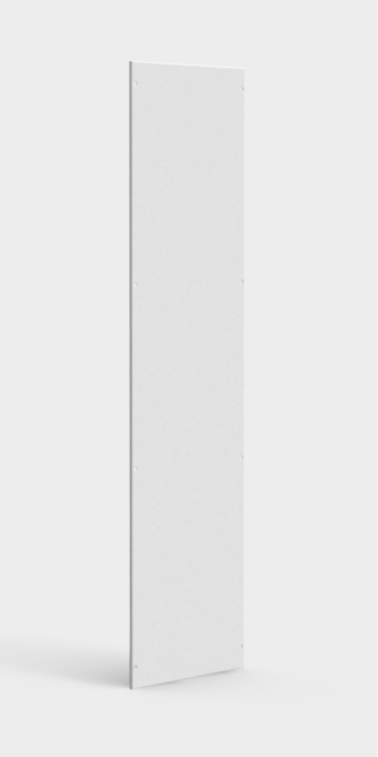
H	W	Item no.
250	600	DPK06R5

Floor Standing Enclosures
Steel Range
Accessories | Baying & lifting

Enclosure baying		Mild steel, combinable enclosures		Mild steel, compact enclosures		Stainless steel, combinable enclosures		Stainless steel, compact enclosures	
		MCS / MCD		**MKS / MKD**		**MCSS / MCDS**		**EKSS / EKDS**	
		Required accessories	**Page**	**Required accessories**	**Page**	**Required accessories**	**Page**	**Required accessories**	**Page**
SIDE BY SIDE BAYING	**Simple internal baying, not to be lifted**	Internal baying brackets, **CCI** Side panels, **SPM**	215 214	*Not available*	N/A	Internal baying brackets, **CCI** Stainless steel side panels, **SPMS**	215 215	*Not available*	N/A
	Simple external baying, not to be lifted *1	External baying brackets, **CCE** Side panels, **SPM**	216 214	*Not available*	N/A	*Not available*	N/A	*Not available*	N/A
	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**	216 217 214	*Not available*	N/A	*Not available*	N/A	*Not available*	N/A
	Internal baying, for when the assembly is to be lifted *2	Internal baying brackets, **CCI** Corner baying brackets, **CCM** Side panels, **SPM**	215 216 214	*Not available*	N/A	Internal baying brackets, **CCI** Corner baying brackets, **CCM** Stainless steel side panels, **SPMS**	215 216 215	*Not available*	N/A
	External baying, for when the assembly will be lifted *1 *2	External baying brackets, **CCE** Corner baying brackets, **CCM** Side panels, **SPM**	216 216 214	*Not available*	N/A	*Not available*	N/A	*Not available*	N/A
	*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			*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	217 214	Depth baying kit, **CJDN**	217	*Not available*	N/A	*Not available*	N/A
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	218 214	*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	218 215	*Not available*	N/A
OTHER ACCESSORIES	**Separation between two bayed enclosures (no IP test done)**	Separation plate, **SPD** Separation plate brackets, **CCJ**	218 219	*Not available*	N/A	Separation plate, **SPDS** Separation plate brackets, **CCJ**	219 219		
	Separation between two bayed enclosures, IP 43	Separation plate, **SPD** Separation plate brackets, **CCJ** Separation plate gasket, **SPDG**	218 219 220	*Not available*	N/A	Separation plate, **SPDS** Separation plate brackets, **CCJ** Separation plate gasket, **SPDG**	219 219 220	*Not available*	N/A
	Lifting	Lifting eyes, **LE**. 4 pcs per enclosure assembly Lifting devices, **LC**. 2 pcs per enclosure joining	220 221	*Not available*	N/A	Lifting eyes, **LE**. 4 pcs per enclosure assembly Lifting devices, **LC**. 2 pcs per enclosure joining	220 221	*Not available*	N/A

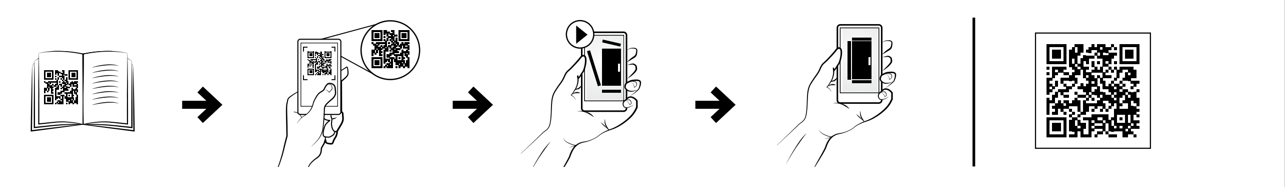
Floor Standing Enclosures
Steel Range
Accessories | Baying & lifting

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 55 | TYPE 12, 13 in combination with MCS. IP66 | TYPE 4, 12, 13 in combination with MCS-HP.
Pack quantity:	2 panels with mounting accessories.

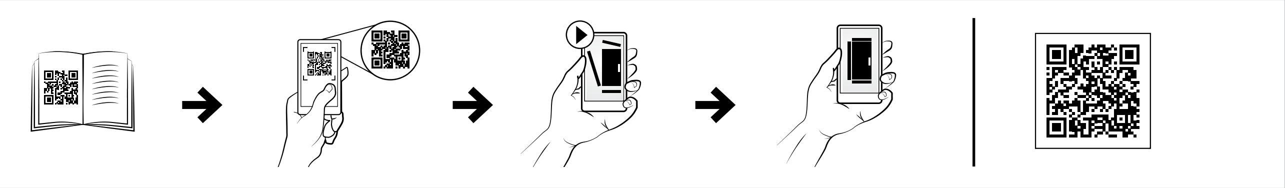
For enclosure		
H	**D**	**Item no.**
1100	600	SPM1106R5
1400	600	SPM1406R5
1600	600	SPM1606R5
1800	400	SPM1804R5
1800	500	SPM1805R5
1800	600	SPM1806R5
1800	800	SPM1808R5
2000	400	SPM2004R5
2000	500	SPM2005R5
2000	600	SPM2006R5
2000	800	SPM2008R5
2200	600	SPM2206R5
2200	800	SPM2208R5



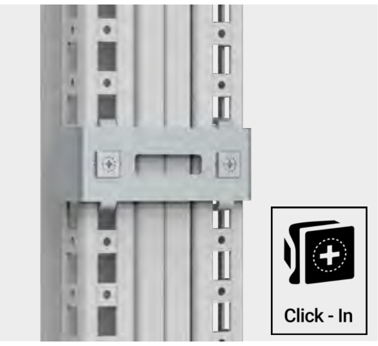
Side panels, stainless steel, SPMS

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:	400 pre-grained stainless steel.
Protection:	IP 55 | TYPE 12, 13 in combination with MCSS. IP66 | TYPE 4X, 12, 13 in combination with MCSS-HP.
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

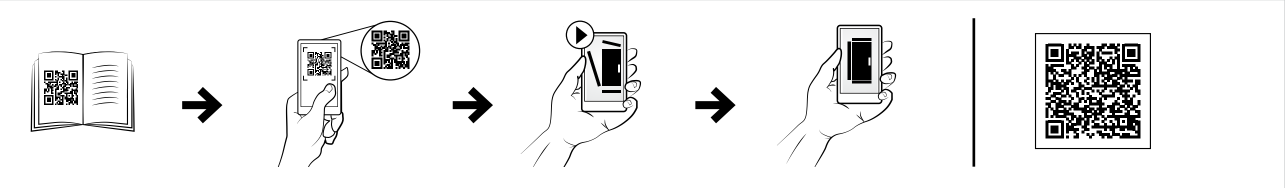


Internal baying brackets, CCI



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

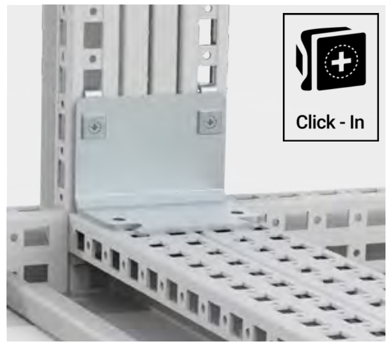


Floor Standing Enclosures

Steel Range

Accessories | Baying & lifting

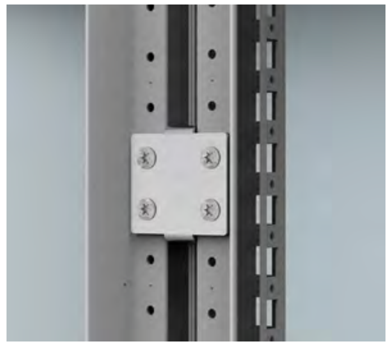
Internal corner baying kit, CCM



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.

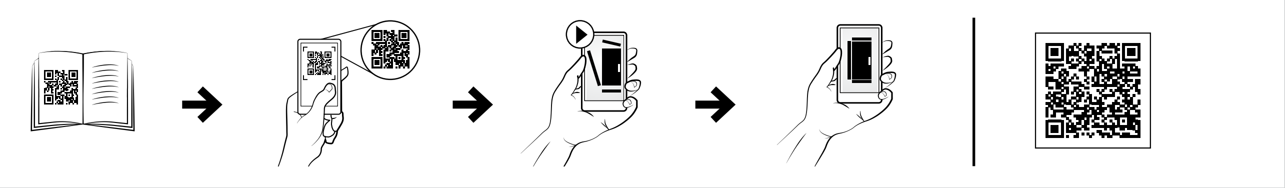
Item no.
CCM04

External baying brackets, CCE

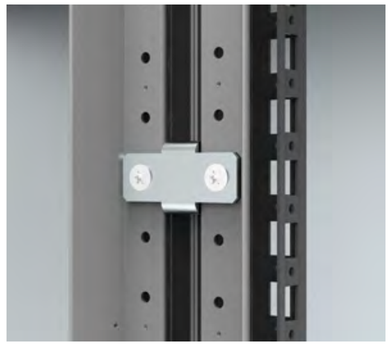


Description:	Brackets mounted on the outside hole pattern of the frame ensuring a strong and 3 dimensional alignment of the mild steel bayed enclosures with an "auto spacer" function. This method of baying enclosures also has the advantage of creating a direct earthing connection between the enclosure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

Item no.
CCE06

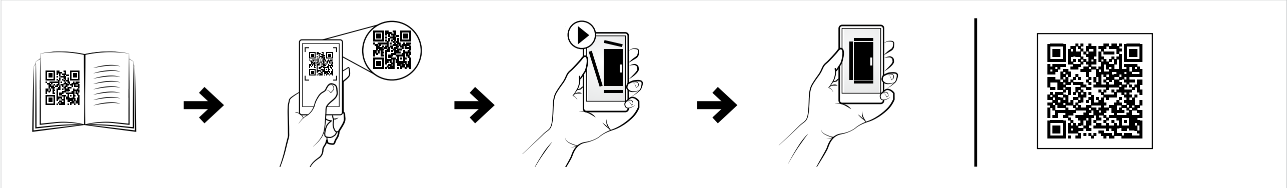


Short external baying brackets, CCEH

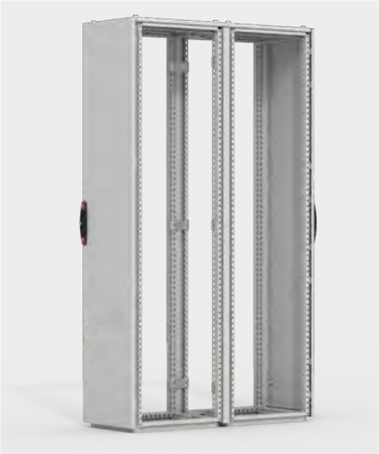


Description:	Short brackets mounted on the outside hole pattern of the frame of the bayed enclosures with an "auto spacer" function. Specially designed for small doors/pannels configuration. This method of baying mild steel enclosures has also the advantage of creating a direct earthing connection between the enclosure frames.
Material:	3 mm zinc plated steel.
Pack quantity:	6 brackets with mounthing material.

Item no.
CCEH06



Depth baying kit, CJDN



Description:	For baying enclosures rear to rear.
Material:	Covers: 2 mm mild steel. Brackets: 3 mm zinc plated steel.
Finish:	RAL 7035.
Protection:	IP 55
Pack quantity:	1 kit with mounting accessories.

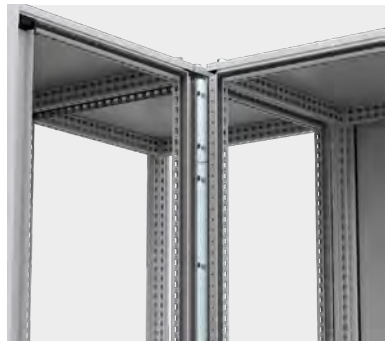
For enclosure		
H	**W**	**Item no.**
1800	600	CJDN1806R5
1800	800	CJDN1808R5
1800	1000	CJDN1810R5
2000	600	CJDN2006R5
2000	800	CJDN2008R5
2000	1000	CJDN2010R5
2200	600	CJDN2206R5
2200	800	CJDN2208R5

Floor Standing Enclosures

Steel Range

Accessories | Baying & lifting

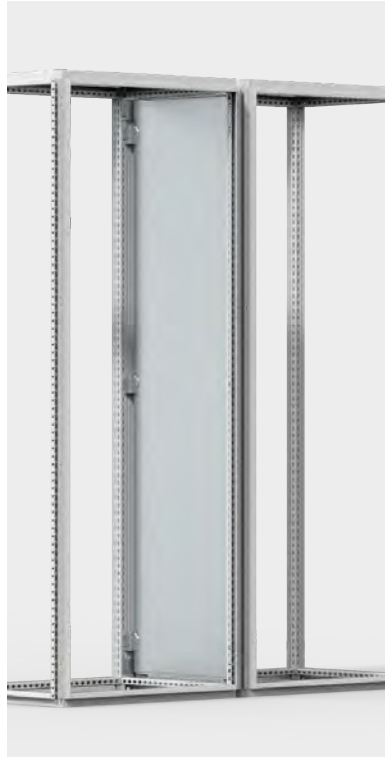
Corner baying kit, CJDS



Description:	The enclosures can be bayed together side to front or side to side. The IP rating is thus maintained.
Material:	3 mm zinc plated steel.
Pack quantity:	1 set.
Mounting requirements:	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.

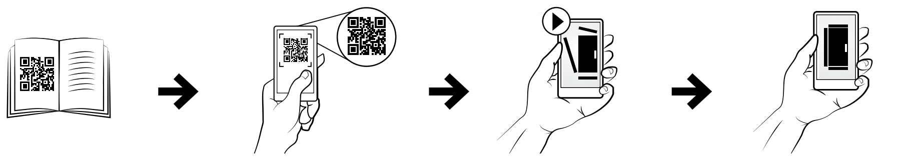
Item no.
CJDS12

Separation plates for MCS and MCD enclosures, SPD



Description:	Separates two bayed MCS/MCD enclosures.
Material:	1.5 mm zinc plated steel.
Mounting requirements:	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 and CCI brackets. For EMI shielding the SPDEG gasket must be used.
Pack quantity:	1 piece.

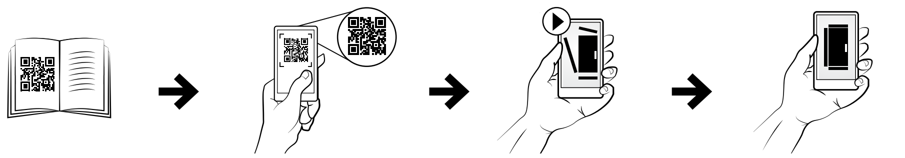
For enclosure		
H	**D**	**Item no.**
1800	400	SPD1804
1800	500	SPD1805
1800	600	SPD1806
2000	400	SPD2004
2000	500	SPD2005
2000	600	SPD2006
2000	800	SPD2008
2200	600	SPD2206
2200	800	SPD2208



Separation plates for MCSS, MCDS and ECOM enclosures, SPDS

Description:	Separates two bayed MCSS/MCDS/ECOM enclosures.
Material:	1.5 mm zinc plated steel.
Mounting requirements:	IP 43 | TYPE 1 sealing can be obtained by using SPDG gasket. CCJ brackets are required to mount the SPDS into the enclosures. To bay enclosures together, use CCM and CCI brackets.For EMI shielding the SPDEG gasket must be used.
Pack quantity:	1 piece.

For enclosure		
H	**D**	**Item no.**
1800	500	SPDS1805
2000	600	SPDS2006



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:	6 brackets with mounting accessories.

Item no.
CCJ06

Separation plate gasket, SPDG

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

Item no.
SPDG01

Floor Standing Enclosures

Steel Range

Accessories | Baying & lifting

Baying gasket for IP66, HPPG01

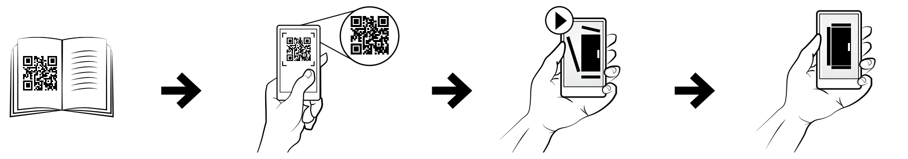
Description:	To obtain IP66 | Type 4 (4X), 12, 13 sealing in bayed configuration of MCS-HP/MCSS-HP in combination with CCI06 and CCM04.
Material:	EPDM, 5 mm thickness.
Pack quantity:	1 pad compatible with all enclosure dimensions.

Item no.
HPPG01

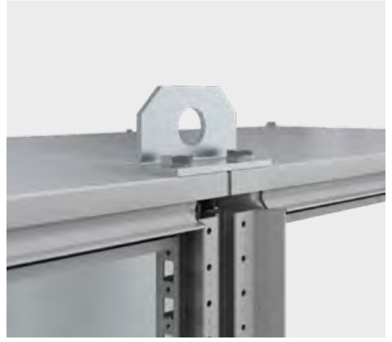
Lifting eye bolts, LE

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 nVent HOFFMAN lifting instructions.
Pack quantity:	4 pieces.

Material	Item no.
Zinc plated	LE9304
Stainless steel 304	LE9304SS
Stainless steel 316L	LE9316SS

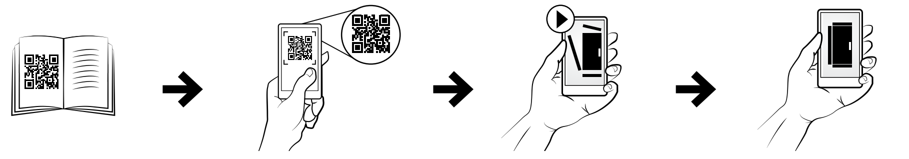


Lifting devices, LC



Description:	For optimal weight distribution when lifting bayed enclosures. To be used in combination with baying bracket.
Pack quantity:	2 pieces with mounting accessories.

Material	Item no.
Zinc plated	LC02
Stainless steel 316L	LC02-316



Lifting kit, MCUK

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.
MCUK04

Floor Standing Enclosures

Steel Range

Accessories | Thermal

Ventilation roofs, 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 requirements:	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

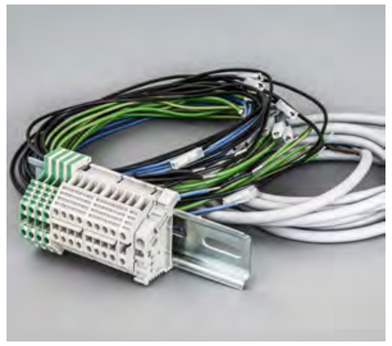
Ventilation fans, DFN

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 plates, DFC

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

Item no.
DFC04

Floor Standing Enclosures
Steel Range
Accessories | Thermal

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

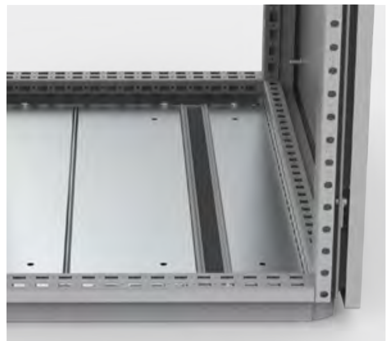
Ventilated bottom plates, CVB

Description:	Can be used in combination with a ventilated plinth PV. 33% ventilated.
Material:	1.5 mm perforated zinc plated steel.
Pack quantity:	3 pieces, 4 pieces for D>600mm, with mounting material.
Mounting requirements:	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 Enclosures
Steel Range
Accessories | Cabling

Section profiles 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 gaskets, 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 bars, 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 requirements:	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

Floor Standing Enclosures
Steel Range
Accessories | Cabling

Outside cable fixing bars, 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 requirements:	Add CAC clamps depending on diameter of cable.

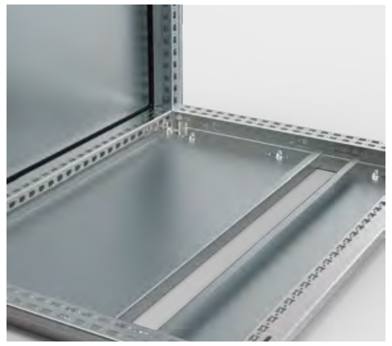
For enclosure	
W	**Item no.**
400	CABP400
500	CABP500
600	CABP600
800	CABP800
1000	CABP1000
1200	CABP1200

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 requirements:	Add CAB/CABP to mount the cable clamps CAC.

Size	Item no.
06-12	CAC0612
10-14	CAC1014
12-16	CAC1216
14-18	CAC1418
18-22	CAC1822
22-26	CAC2226
26-30	CAC2630
30-34	CAC3034
34-38	CAC3438
38-42	CAC3842
42-46	CAC4246
58-64	CAC5864

Split bottom plates 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:	400 pre-grained stainless steel.
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.

Raised side doors, 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:	2 mm.
Finish:	RAL 7035 structured powder coating.
Protection:	Complies with IP 33 | TYPE 1 in combination with MM connector plate and gasket SPDG01. Door frame optional.
Mounting requirements:	Add a separation plate SPD or marshalling plate MM to mount connectors and separate the side compartment.
Pack quantity:	1 piece with mounting accessories.

For enclosure		
H	**D**	**Item no.**
2000	500	DNSR2005R5
2000	600	DNSR2006R5

Floor Standing Enclosures
Steel Range
Accessories | Cabling

Marshalling plates, MM

Description:	Connector plate between two enclosures, or to be used in combination with a raised side door (DNSR). 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 requirements:	Add CCJ12. Add raised side door DNSR 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 MCUK 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	600	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
300	800	MCUP308R5

Floor Standing Enclosures
Steel Range
Accessories | Cabling

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 requirements:	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.

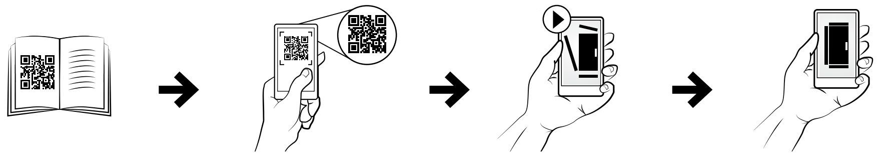
For enclosure		
H	**D**	**Item no.**
300	600	PCUP306R5
300	800	PCUP308R5

Floor Standing Enclosures
Steel Range
Accessories | Earthing

Earthing cables, ECFA

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

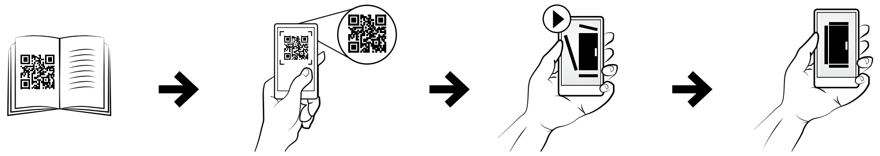
Length	Connection size	Item no.
220 mm	M6 / M8	ECFA220
300 mm	M8 / M8	ECFA300



Earthing straps, ECFE

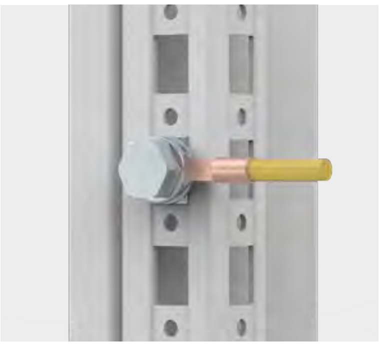
Description:	For earthing and potential compensation between panels, parts and the enclosure's frame.
Length:	300 mm.
Material:	Tinned electrolytic copper 0.15 mm wire.
Working temperature:	Up to 105°C.
Pack quantity:	10 pieces.
Mounting requirements:	Add ECF connection set for fixing strap to painted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

Cross sectional area	Holes diam.	Current (A)	Item no.
16 mm²	8.5	120 A	ECFE1630
25 mm²	10.5	150 A	ECFE2530



Floor Standing Enclosures
Steel Range
Accessories | Earthing

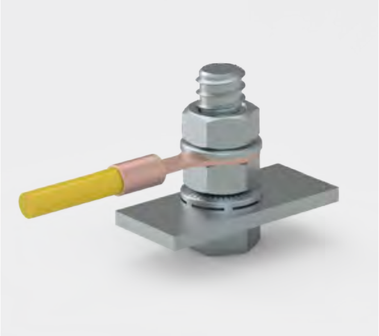
Earthing connections for frames, ECF



Description:	Earthing connections for fixing the earthing straps and cables to the enclosure's frame.
Pack quantity:	10 sets.

Bolt size	Item no.
M6	ECF06
M8	ECF08

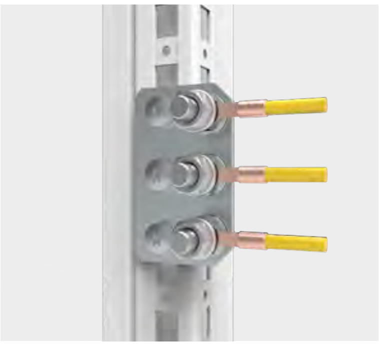
Earthing connection for panels, ECP



Description:	Earthing connection for fixing the earthing straps and cables to panels, mounting plates or profiles.
Pack quantity:	10 sets.

Bolt size	Item no.
M6	ECP06
M8	ECP08

Central earthing point, ECFP

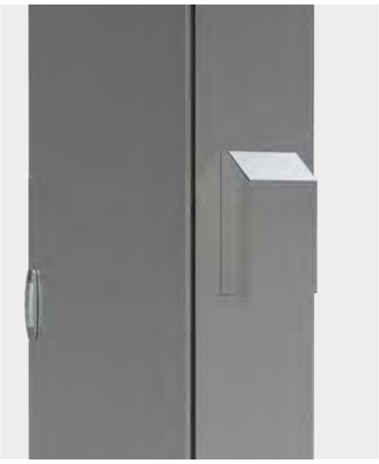


Description:	Provides earthing contact surface on horizontal or vertical frame profiles. For a secure earthing point with multiple connections.
Material:	Galvanized steel.
Pack quantity:	3 central earthing points with mounting accessories. M8 earthing kit included for the three holes.

Item no.
ECFP08

Floor Standing Enclosures
Steel Range
Accessories | Protection

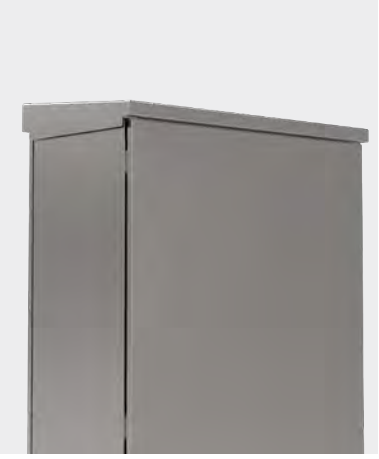
Protective fan covers, EFCS



Description:	Provides additional protection to the filter fans against the ingress of water in outdoor or wash down envirnoments. Folded and seam welded. (Machining is required).
Material:	1.5 mm stainless steel AISI 304/ AISI 316L.
Finish:	400 pre-grained stainless steel.
Pack quantity:	1 piece with mounting accessories.

For enclosure				
H	**W**	**D**	**Suitable for fans**	**Item no.**
275	175	100	EF100 / EF200	EFCS20
375	275	100	EF250 / EF300	EFCS25-30
450	350	100	EF500 / EF700	EFCS50-60
275	175	100	EF100 / EF200	EFCS20-316
375	275	100	EF250 / EF300	EFCS25-30-316
450	350	100	EF500 / EF700	EFCS50-60-316

Rain hoods, MSST



Description:	To be fitted as extra protection on stainless steel enclosures. The roof is slightly sloped and has a dripstrip.
Material:	1.5 mm stainless steel AISI 304 / AISI 316L.
Finish:	400 pre-grained stainless steel.

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 Enclosures

Aluminium Range | Aluminium

Combinable, double wall | ECOM

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

Material:
Aluminium ALMg3. Door: 2 mm. Rear panel: 2 mm. Rain hood: 2 mm. Bottom plate: 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:
One piece bottom plate, with injected polyurethane gasket to ensure maximum sealing.

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:
Complies 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 baying without removal. All packing material is recyclable. Mounting plate and side panels are not included in the standard delivery.

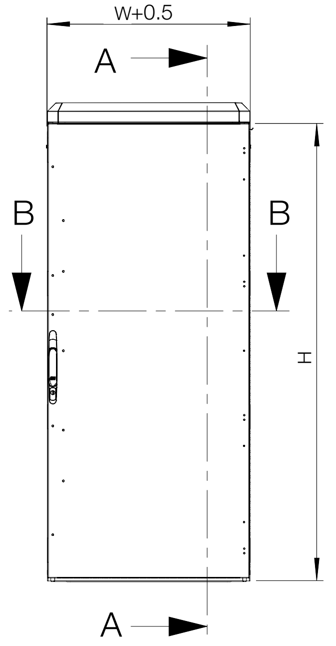
CE UK CA

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

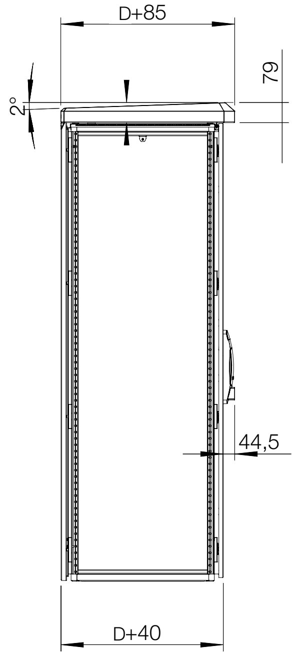
Without mounting plate

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

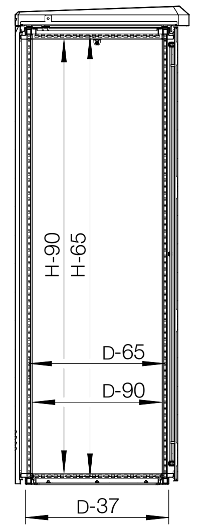
Front view



Side view

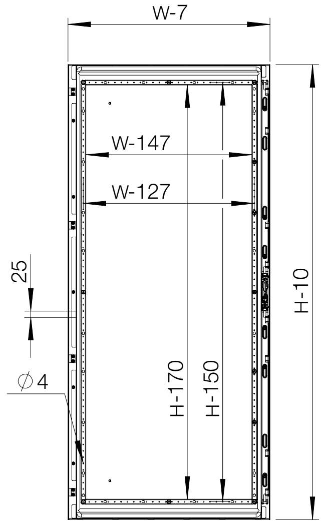

D+85
2°
79
44,5
D+40

Sectional side view

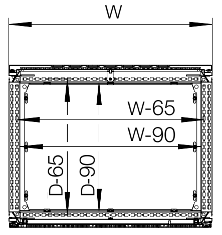

H-90
H-65
D-65
D-90
D-37

SECTION A-A

Inside door frame view

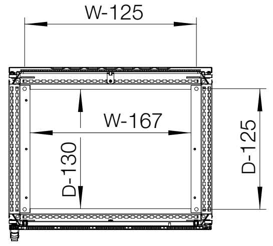

W-7
W-147
W-127
25
∅4
H-170
H-150
H-10

Sectional top view

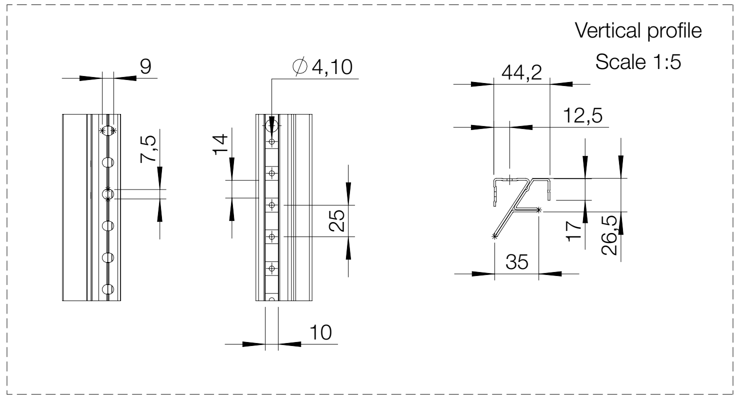

W
W-65
W-90
D-65
D-90

SECTION B-B

Sectional top view
(without bottom plates)


W-125
W-167
D-130
D-125

SECTION C-C

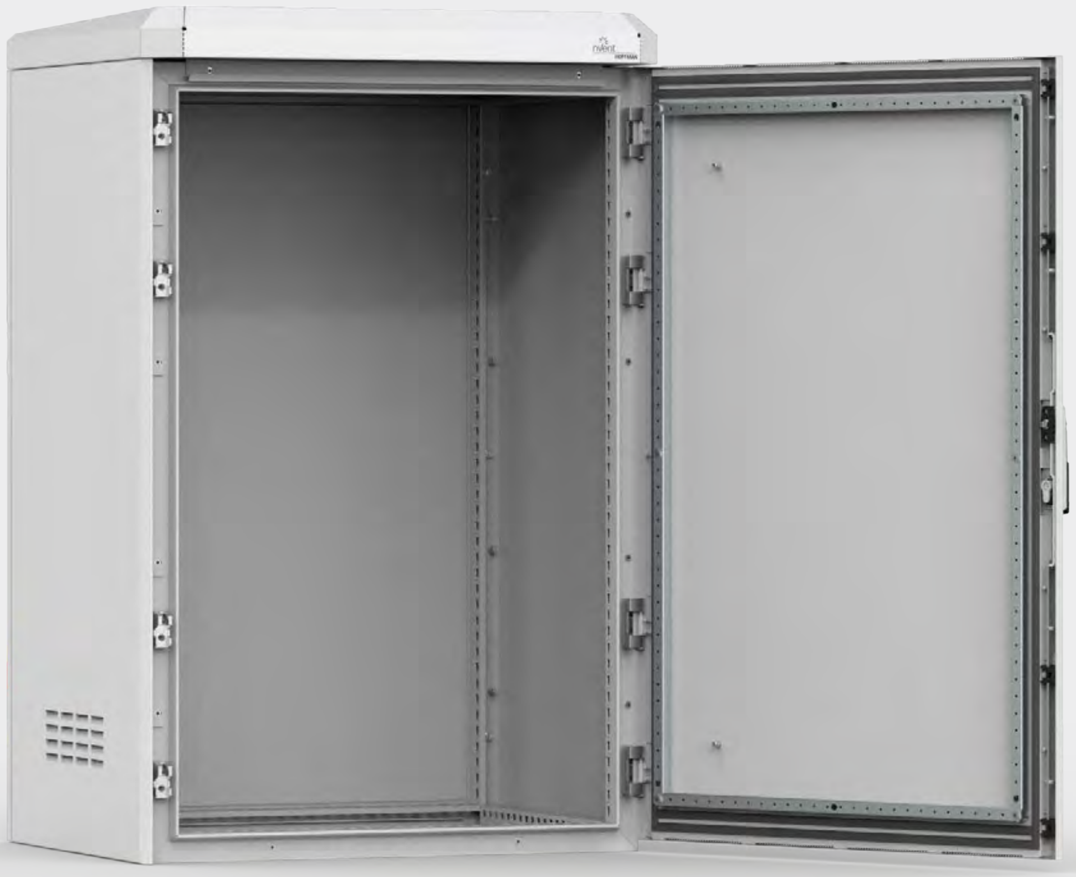


Vertical profile
Scale 1:5

9
7,5
∅4,10
14
25
10
44,2
12,5
17
26,5
35

Floor Standing Enclosures
Aluminium Range | Aluminium
Compact, double wall | EKOM

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



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:
Complies with IP 66 | TYPE 4X, 12, 13 | IK 10, when a 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 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 baying without removal. All packing material is recyclable. Mounting plate and bottom plates are not included in the standard delivery.

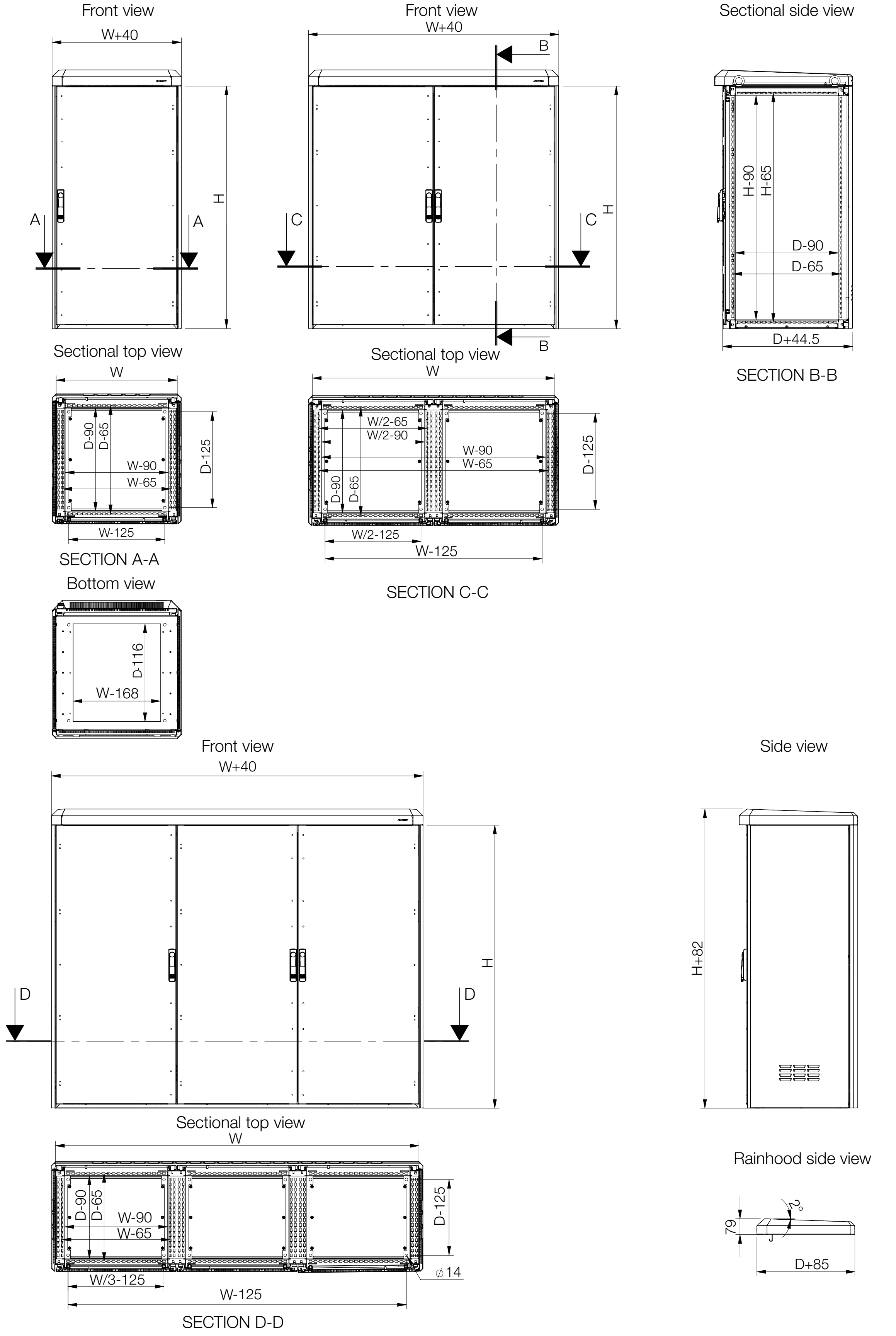
Dimensional table | EKOM

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

Without mounting plate / bottom plate

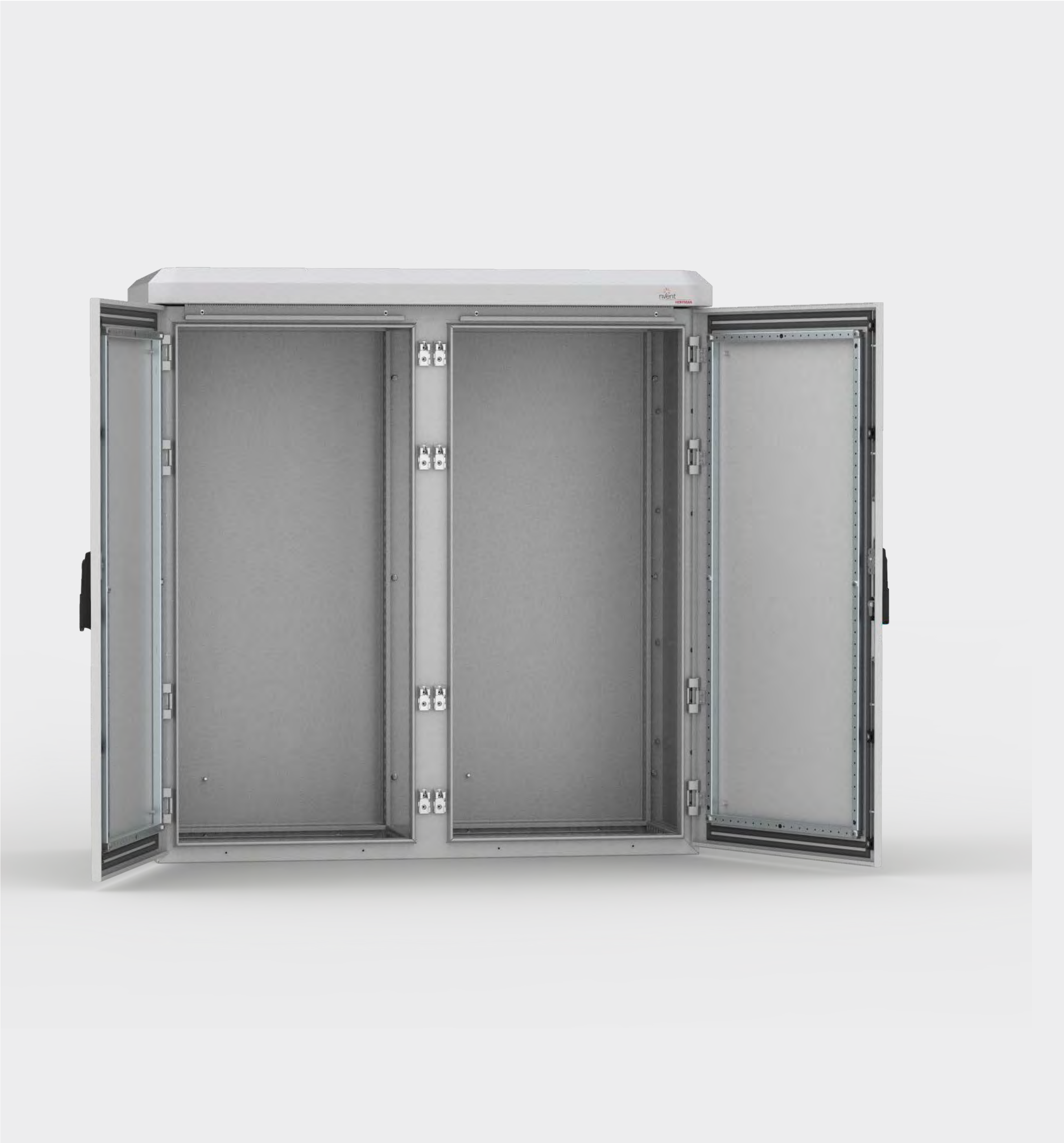
Enclosure dimensions				
H	**W**	**D**	**N° of doors**	**Item no.**
1200	600	600	1	EKOM12066
1200	800	600	1	EKOM12086
1200	1200	600	2	EKOM12126
1400	600	600	1	EKOM14066
1400	800	600	1	EKOM14086
1400	1800	500	3	EKOM14185

Dimensional drawing | EKOM


Front view
W+40
A
A
H
Front view
W+40
B
C
C
H
B
Sectional side view
H-90
H-65
D-90
D-65
D+44.5
SECTION B-B
Sectional top view
W
D-90
D-65
W-90
W-65
D-125
W-125
SECTION A-A
Sectional top view
W
W/2-65
W/2-90
W-90
W-65
D-90
D-65
D-125
W/2-125
W-125
SECTION C-C
Bottom view
D-116
W-168
Front view
W+40
D
D
H
Side view
H+82
Sectional top view
W
D-90
D-65
W-90
W-65
D-125
⌀14
W/3-125
W-125
SECTION D-D
Rainhood side view
79
5°
D+85

Floor Standing Enclosures
Aluminium Range | Aluminium
Compact, single wall | EKOM-SW

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



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:
Complies with IP 66 | TYPE 4X, 12, 13 | IK 10, when a 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 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 baying without removal. All packing material is recyclable. Mounting plate and bottom plates are not included in the standard delivery.

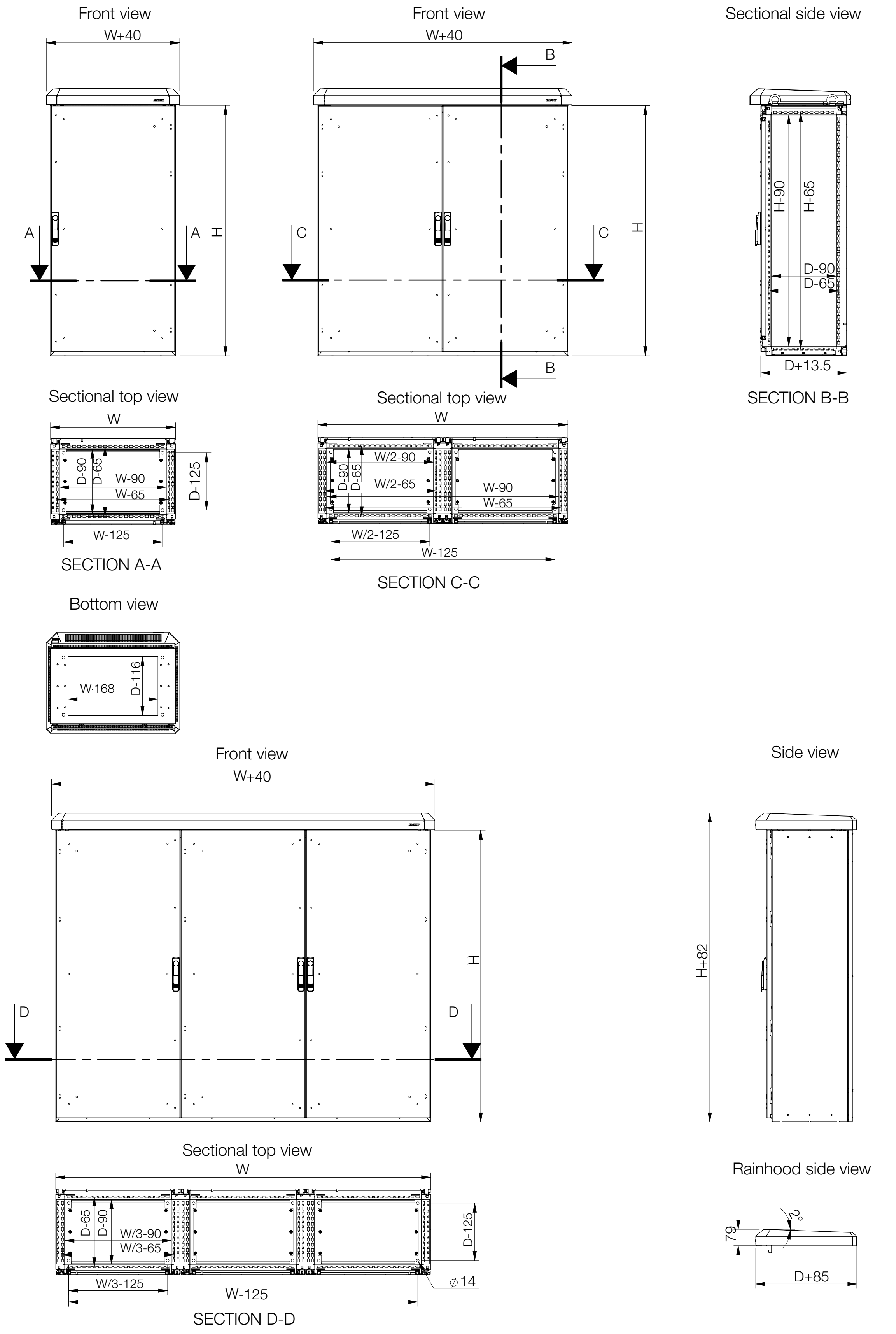
Dimensional table | EKOM-SW

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

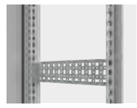
Without mounting plate / bottom plate

Enclosure dimensions				
H	**W**	**D**	**N° of doors**	**Item no.**
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

Dimensional drawing | EKOM-SW


Front view
W+40
A
A
H
Front view
W+40
B
C
C
H
B
Sectional side view
H-90
H-65
D-90
D-65
D+13.5
SECTION B-B
Sectional top view
W
D-90
D-65
W-90
W-65
D-125
W-125
SECTION A-A
Sectional top view
W
W/2-90
W/2-65
D-90
D-65
W-90
W-65
W/2-125
W-125
SECTION C-C
Bottom view
W-168
D-116
Front view
W+40
H
D
D
Side view
H+82
Sectional top view
W
D-65
D-90
W/3-90
W/3-65
D-125
W/3-125
W-125
⌀14
SECTION D-D
Rainhood side view
79
3°
D+85

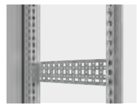
Accessories selection matrix | ECOM

										
Enclosure				**Mounting**						
	H	**W**	**D**	**Mounting plate**	**Aluminium mounting plate**	**Mounting profile, in H**	**Mounting profile, in W**	**Mounting profile, in D**	**Outer mounting profile, in W**	**Outer mounting profile, in D**
ECOM16066	1600	600	600	MP1606	MPAL1606	CLPF1600	CLPF600	CLPF600	CLPO600	CLPO600
ECOM16086	1600	800	600	MP1608	MPAL1608	CLPF1600	CLPF800	CLPF600	CLPO800	CLPO600
ECOM18066	1800	600	600	MP1806	MPAL1806	CLPF1800	CLPF600	CLPF600	CLPO600	CLPO600
ECOM18086	1800	800	600	MP1808	MPAL1808	CLPF1800	CLPF800	CLPF600	CLPO800	CLPO600
ECOM20066	2000	600	600	MP2006	MPAL2006	CLPF2000	CLPF600	CLPF600	CLPO600	CLPO600
ECOM20086	2000	800	600	MP2008	MPAL2008	CLPF2000	CLPF800	CLPF600	CLPO800	CLPO600

Enclosure				**Mounting**					
	H	**W**	**D**	**Click in profile, in W**	**Click in profile, in D**	**Mounting profiles (19") ***	**Brackets for fixing 19" mounting profiles**	**Carrier bars, in D**	**Carrier bars, in W**
ECOM16066	1600	600	600	CLPK600	CLPK600	CIP33	CIB600	CB600	CB600
ECOM16086	1600	800	600	CLPK800	CLPK600	CIP33	CIB800	CB600	CB800
ECOM18066	1800	600	600	CLPK600	CLPK600	CIP38	CIB600	CB600	CB600
ECOM18086	1800	800	600	CLPK800	CLPK600	CIP38	CIB800	CB600	CB800
ECOM20066	2000	600	600	CLPK600	CLPK600	CIP42	CIB600	CB600	CB600
ECOM20086	2000	800	600	CLPK800	CLPK600	CIP42	CIB800	CB600	CB800
* CIB, CID or CIWR are required.									

Enclosure				**Fixing**	**Cable**	**Baying**	
	H	**W**	**D**	**Plinth (100 mm height)**	**Aluminium bottom plates**	**Double wall aluminium side panels**	**Segregation plate ***
ECOM16066	1600	600	600	PFAL1066	CBPA066	SPMA1606	-
ECOM16086	1600	800	600	PFAL1086	CBPA086	SPMA1608	-
ECOM18066	1800	600	600	PFAL1066	CBPA066	SPMA1806	-
ECOM18086	1800	800	600	PFAL1086	CBPA086	SPMA1808	-
ECOM20066	2000	600	600	PFAL1066	CBPA066	SPMA2006	SPDS2006
ECOM20086	2000	800	600	PFAL1086	CBPA086	SPMA2008	SPDS2006
* CCJ is required.							

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**	**Outer mounting profile, in W**	**Outer mounting profile, in D**
EKOM12066	1200	600	600	MP1206	MPAL1206	CLPF1200	CLPF600	CLPF600	CLPK600	CLPK600	CLPO600	CLPO600
EKOM12086	1200	800	600	MP1208	MPAL1208	CLPF1200	CLPF600	CLPF600	CLPK800	CLPK600	CLPO600	CLPO600
EKOM12126	1200	1200	600	2x MP1206	2x MPAL1206	CLPF1200	2x CLPF600	2x CLPF600	2x CLPK600	2x CLPK600	2x CLPO600	2x CLPO600
EKOM14066	1400	600	600	MP1406	MPAL1406	CLPF1400	CLPF600	CLPF600	CLPK600	CLPK600	CLPO600	CLPO600
EKOM14086	1400	800	600	MP1408	MPAL1408	CLPF1400	CLPF800	CLPF600	CLPK800	CLPK600	CLPO800	CLPO600
EKOM14185	1400	1800	500	3x MP1406	3x MPAL1406	CLPF1400	3x CLPF600	CLPF500	3x CLPK600	CLPK500	3x CLPO600	CLPO500

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	CB800	PFAL1086	CBPA086
EKOM12126	1200	1200	600	CIP24	2x CIB600	2x CB600	2x CB600	PFAL1126	2x CBPA066
EKOM14066	1400	600	600	CIP29	CIB600	CB600	CB600	PFAL1066	CBPA066
EKOM14086	1400	800	600	CIP29	CIB800	CB600	CB800	PFAL1086	CBPA086
EKOM14185	1400	1800	500	CIP29	3x CIB600	CB500	3x CB600	PFAL1185	3x CBPA065
* CIB, CID or CIWR are required.									

Accessories selection matrix | EKOM-SW

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**	**Outer mounting profile, in W**	**Outer mounting profile, in D**
EKOM12064-SW	1200	600	400	MP1206	MPAL1206	CLPF1200	CLPF600	CLPF400	CLPK600	CLPK400	CLPO600	CLPO400
EKOM12066-SW	1200	600	600	MP1206	MPAL1206	CLPF1200	CLPF600	CLPF600	CLPK600	CLPK600	CLPO600	CLPO600
EKOM12084-SW	1200	800	400	MP1208	MPAL1208	CLPF1200	CLPF800	CLPF400	CLPK800	CLPK400	CLPO800	CLPO400
EKOM12086-SW	1200	800	600	MP1208	MPAL1208	CLPF1200	CLPF800	CLPF600	CLPK800	CLPK600	CLPO800	CLPO600
EKOM12124-SW	1200	1200	400	2x MP1206	2x MPAL1206	CLPF1200	2x CLPF600	CLPF400	2x CLPK600	CLPK400	2x CLPO600	CLPO400
EKOM14184-SW	1400	1800	400	3x MP1406	3x MPAL1406	CLPF1400	3x CLPF600	CLPF400	3x CLPK600	CLPK400	3x CLPO600	CLPO400

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	2x CIB600	CB400	2x CB600	PFAL1124	2x CBPA064
EKOM14184-SW	1400	1800	400	CIP29	3x CIB600	CB400	3x CB600	PFAL1184	3x CBPA064

* CIB, CID or CIWR are required.

Floor Standing Enclosures

Aluminium Range

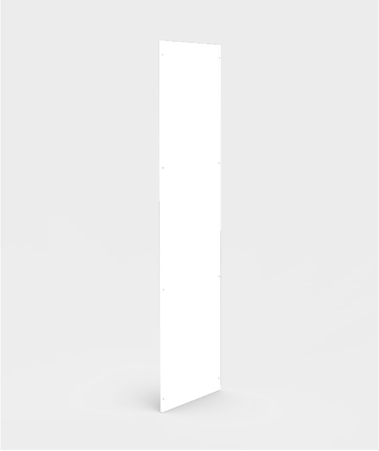
Accessories

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**		
H	**W**	**h**	**w**	**Item no.**
1200	600	1094	494	MPAL1206
1200	800	1094	694	MPAL1208
1400	600	1294	494	MPAL1406
1400	800	1294	694	MPAL1408
1600	600	1494	494	MPAL1606
1600	800	1494	694	MPAL1608
1800	600	1694	494	MPAL1806
1800	800	1694	694	MPAL1808
2000	600	1894	494	MPAL2006
2000	800	1894	694	MPAL2008

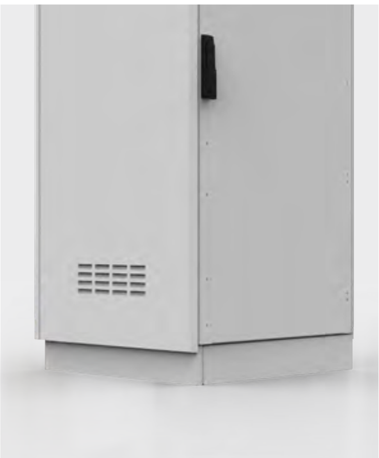
Side panels aluminium, SPMA



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 plinth, PFAL

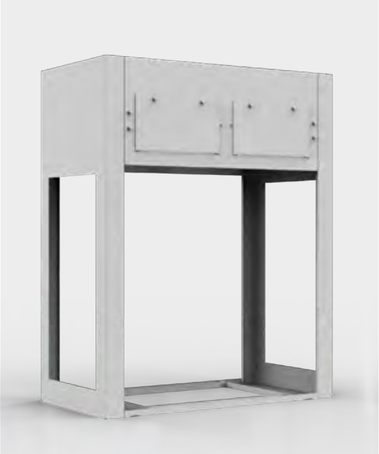


Description:	Aluminium plinth allows cabling without any restrictions. The plinth consists of two lateral profiles with removable front and rear plates.
Material:	Aluminium AlMg3. Profiles: 3 mm and panels 2 mm.
Finish:	RAL 7035 polyester powder coated.
Pack quantity:	1 plinth with mounting material.

Enclosure dimensions			
H	**W**	**D**	**Item no.**
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.

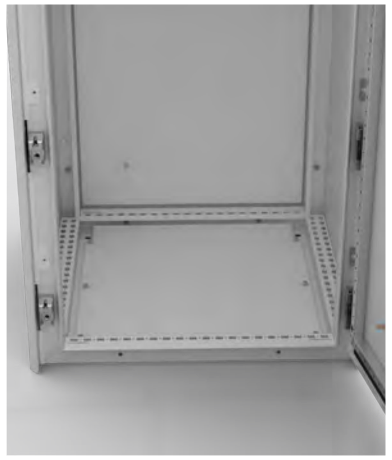
Ground mounted plinth, PGM



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

Aluminium bottom plates, CBPA



Description:	One piece bottom plate.
Material:	2 mm Aluminium AlMg3.
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

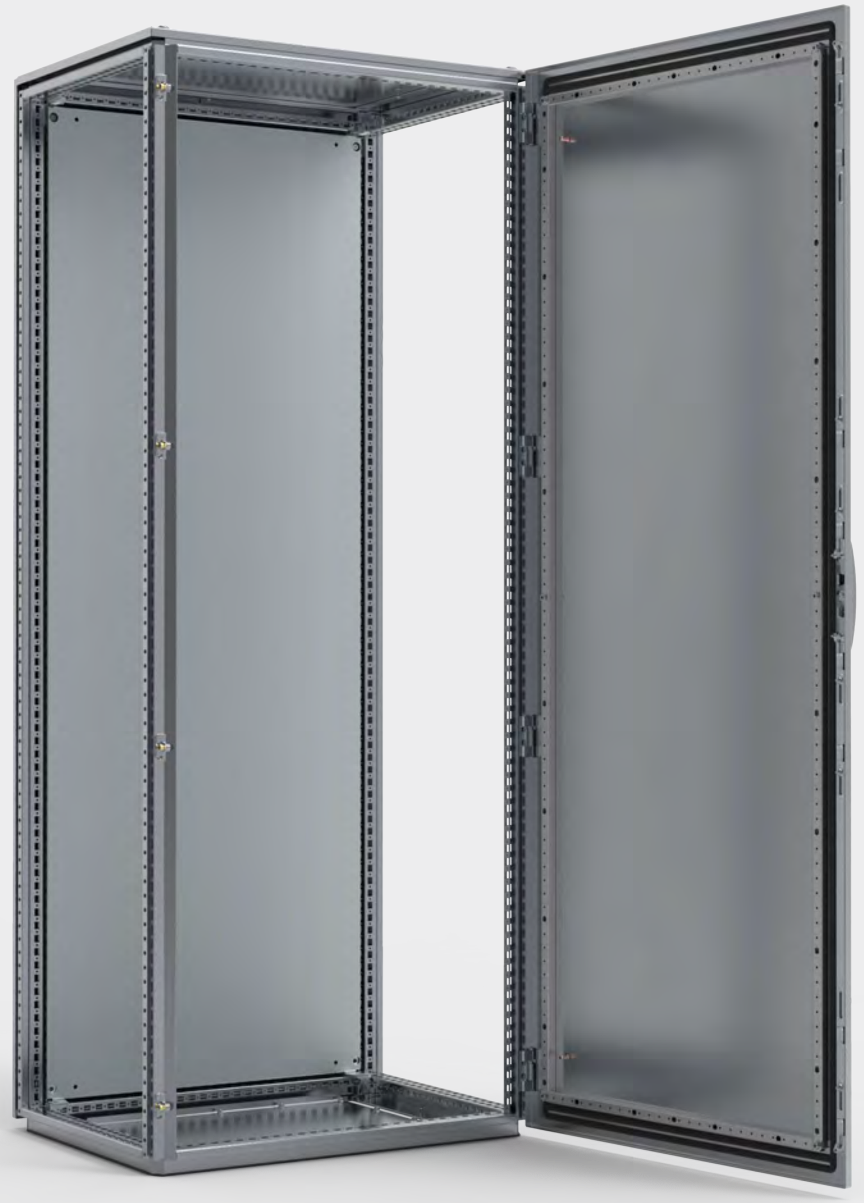
Note: For enclosures 1200 mm & 1800 mm wide use 2 x 600 mm or 3 x 600 mm wide bottom plates.

Floor Standing 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:

With 4 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-handes 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 supplied, attached on the outside of the enclosure packaging.

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.

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 baying without removal. All packing material is recyclable.

Note:

Also available in stainless steel (MCSSE).

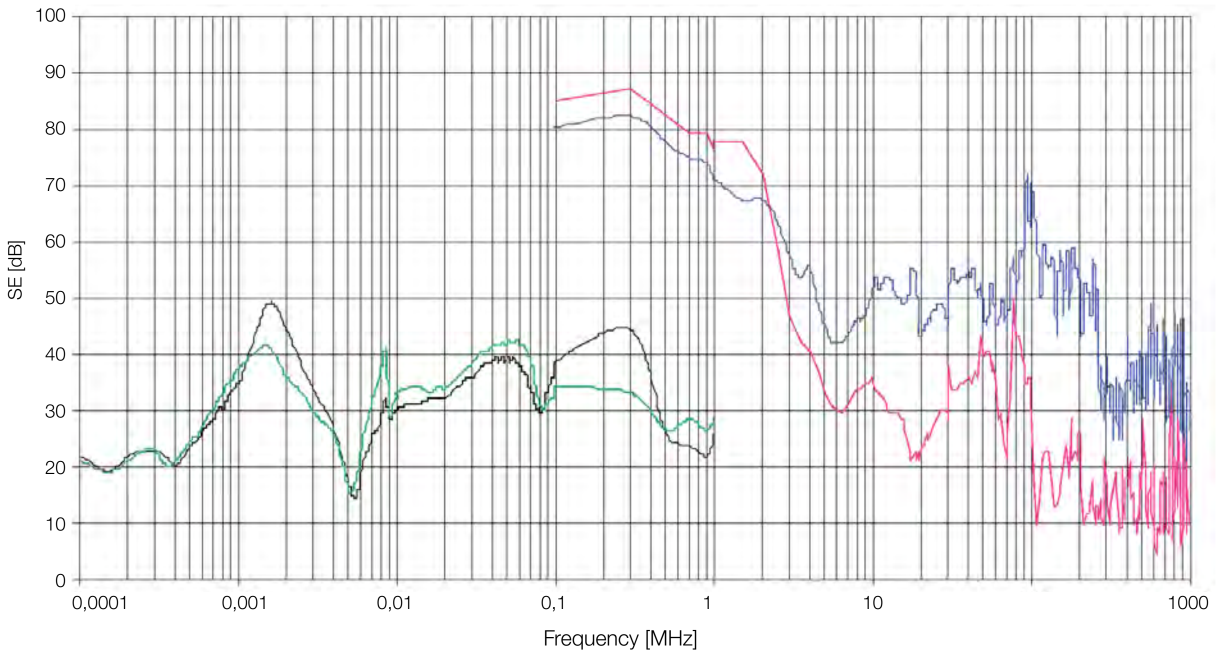
Dimensional table | MCSE

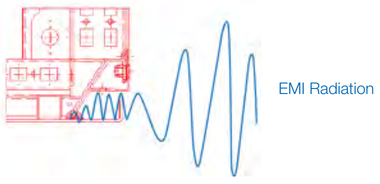
IP 54 | TYPE 12 | IK 10

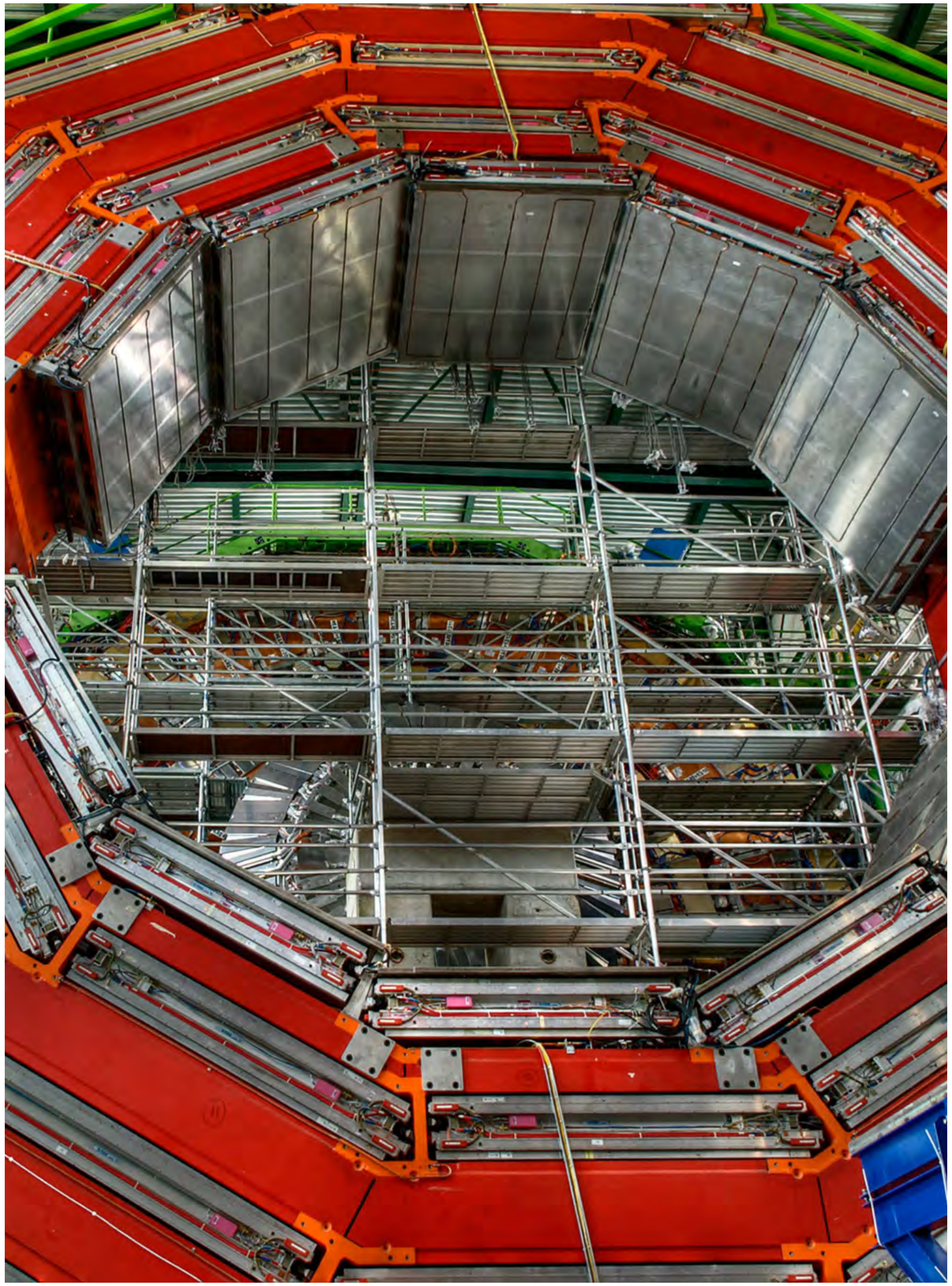
Enclosure dimensions			Mounting plate dimensions		Usable depth	
H	**W**	**D**	**h**	**w**	**d**	**Item no.**
2000	800	600	1894	694	559	MCSE20086R5
2000	800	800	1894	694	759	MCSE20088R5

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

Dimensional drawing | MCSE







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 requirements:	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		
H	**D**	**Item no.**
2000	600	SPME2006R5
2000	800	SPME2008R5

Other sizes available on request.

Separation plates, SPD EMC

Description:	Separates two bayed enclosures. For EMI separation the SPDEG gasket must be fitted.
Material:	1,5 mm zinc plated steel.
Pack quantity:	1 piece.
Mounting requirements:	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:	6 brackets with mounting accessories.

Item no.
CCJ06

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

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, UKCA, GOST, UR, cUL.
Material:	Plastic, UL 94-V0. EMC screen: stainless steel, contact strips.
Pack quantity:	1 fan with filter.

230 V AC, 50/60 Hz

Unimpeded airflow (m^3/h)	EFE+EFAE Air flow (mÂ^3/h)	Filter mat (EN779)	Filtration efficiency (%)	Service life L10 (40°C) (h)	Bearing type	Item no.
61/70	44/52	G4	>90	37.500	Sleeve	EFE200R5
110/125	82/93	G4	>90	37.500	Sleeve	EFE220R5
156/171	116/127	G4	>90	40.000	Ball	EFE250R5
256/292	231/265	G4	>90	40.000	Ball	EFE300R5
480/480	370/370	G3	80-90	40.000	Ball	EFE500R5
640/653	445/445	G3	80-90	40.000	Ball	EFE600R5
845/875	560/625	G3	80-90	40.000	Ball	EFE700R5

230 V AC, 50/60 Hz

Noise (dB)	IP	Cut-out (mm)	Weight (kg)	Connection	Current (A)	Power (W)	Fuse (A)	Item no.
44	54	126,5 x 126,5	0.80	Terminal strip	0.12/0.18	19/18	6	EFE200R5
40	54	178 x 178	1.05	Terminal strip	0.12/0.18	19/18	6	EFE220R5
40	54	224 x 224	1.45	Spring type	0.12/0.10	18/17	6	EFE250R5
42	54	224 x 224	1.90	Spring type	0.32/0.26	45/39	6	EFE300R5
54	54	292 x 292	3.85	Spring type	0.35/0.45	80/100	6	EFE500R5
63	54	292 x 292	4.05	Spring type	0.53/0.72	120/160	6	EFE600R5
66	54	292 x 292	4.50	Spring type	0.62/0.86	140/197	6	EFE700R5

IP 55 on request

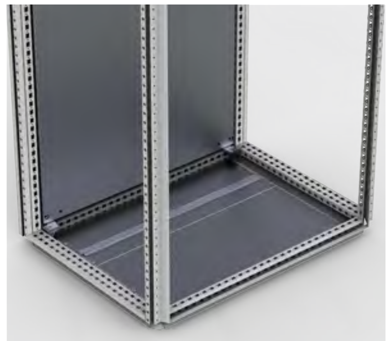
EMC Exhaust filter, EFAE

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, UKCA, GOST, UR, cUL.
Protection:	IP 54.
Pack quantity:	1 filter with housing.

Filter mat (EN779)	Filtration efficiency (%)	Cut out dim.	Depth	Item no.
G4	>90	126.5 x 126.5	26	EFAE200R5
G4	>90	178 x 178	34	EFAE220R5
G4	>90	224 x 224	38	EFAE250-300R5
G3	>90	292 x 292	39	EFAE500-700R5

IP 55 models on request.

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 requirements:	Use in combination with ventilated plinths PV.

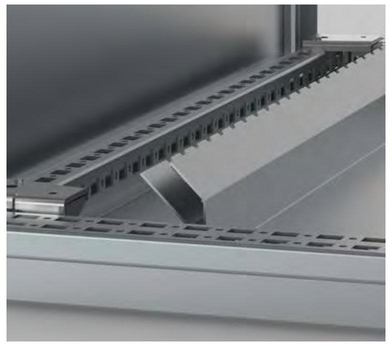
For enclosure		
W	**D**	**Item no.**
800	600	CVB0806
800	800	CVB0808

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:	2 m adhesive EMC gasket for cable entry. 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

Mild Steel

Single door, MAS 262
Double door, MAD 272
Panel, MAP 278

Stainless Steel

Single door, ASR 282
Double door, ADR 290
Single door, AFS 294

Polyester

Compact, UCP / UCPT 342
Modular, UDP / UDPT 354

Hygienic Design

Single door, HDW 368

Galvanized Steel, EMC

Single door, MASE 374

Hazardous Location

ZONEX, Stainless Steel, Single door, EXE-WM 378

Accessories

Steel range 300
  Mounting plates 302
  Modular system 308
  Fixation 313
  Doors 317
  Locks 328
  Baying & Lifting 331
  Gland plates, Ventilation & Cabling 332
  Earthing 338
  Protection 340
Polyester range / Compact 348
  Mounting 348
  Fixing 352
  Doors 353
  Ventilation 353
Polyester range / Modular 360
  Mounting 360
  Fixing 362
  Doors 364
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Wall Mounted Enclosures

Steel Range | Mild Steel

Mild steel, single door enclosure | 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. Gland plate: 1.4 mm mild steel. Door: 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. 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 × 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. Inner M6 welded studs to mount door profiles MMDP. Sealing is ensured by an injected one piece polyurethane gasket.

Lock:

nVent HOFFMAN customized double-bit 3 mm lock, with 90° movement and anti-vibration mechanism. Two locks for 600 mm high to 800 mm high enclosures. Espagnolette three point locking for 1000 mm high enclosures and above. 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.

Finish:

RAL 7035 structured powder coating.

Delivery:

Enclosure with door. For height 600 mm and above, two door mounting profiles. Gland plate(s) with gasket(s), plastic double-bit 3 mm key, and mounting accessories. Metallic key, for height 1000 mm and above. 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				
H	W	D	h	w	d	Size	Type	Openings	N° of locks	Item no.
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

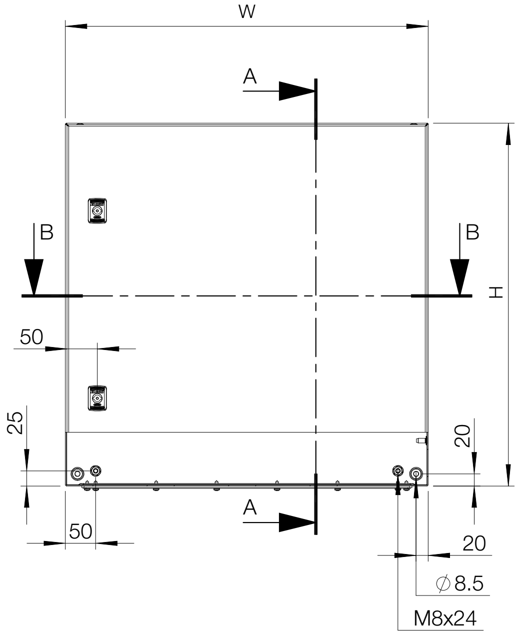
Without mounting plate

Enclosure dimensions			Gland plate				
H	W	D	Size	Type	Openings	N° of locks	Item no.
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

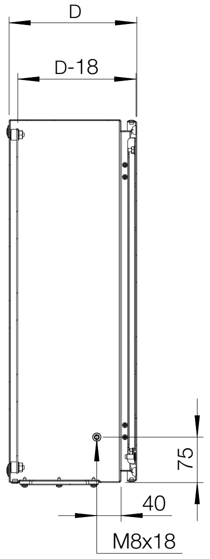
** 1000 mm high enclosures and above have espagnolette three point locking.*

Dimensional drawing | MAS

Front view

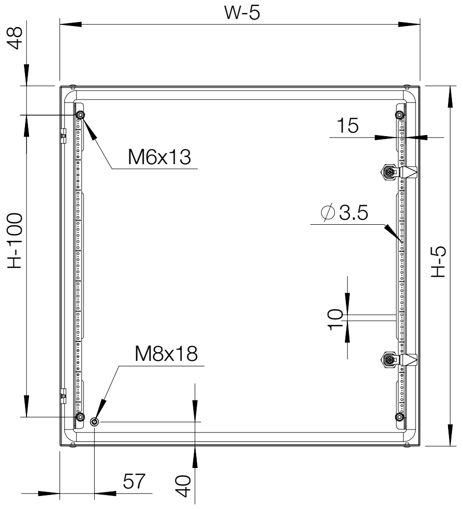


Sectional side view

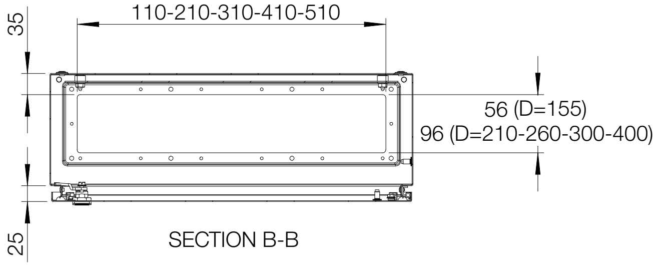


SECTION A-A

Inside door view

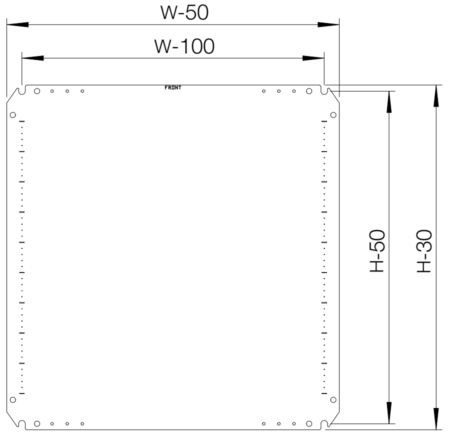


Sectional top view

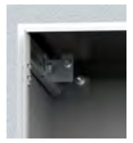


SECTION B-B

Mounting plate view

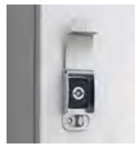


Accessories selection matrix | MAS

									
Enclosure				**Mounting**					**Modular System**
	H	**W**	**D**	**Steel mounting plate**	**Insulated mounting plate**	**Telequick mounting plate**	**Depth adjustment kit**	**Depth interior profile**	**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	DIP210	AC03025R5
MAS0303015R5	300	300	155	AMP03030	AMI03030	-	AMG155	-	-
MAS0303021R5	300	300	210	AMP03030	AMI03030	-	AMG210	DIP210	-
MAS0352515R5	350	250	155	AMP03525	AMI03525	-	AMG155	-	-
MAS0403015R5	400	300	155	AMP04030	AMI04030	AMT04030	AMG155	-	AC04030R5
MAS0403021R5	400	300	210	AMP04030	AMI04030	AMT04030	AMG210	DIP210	AC04030R5
MAS0404021R5	400	400	210	AMP04040	AMI04040	AMT04040	AMG210	DIP210	-
MAS0405021R5	400	500	210	AMP04050	AMI04050	AMT04050	AMG210	DIP210	-
MAS0406021R5	400	600	210	AMP04060	AMI04060	AMT04060	AMG210	DIP210	-
MAS0503021R5	500	300	210	AMP05030	AMI05030	AMT05030	AMG210	DIP210	-
MAS0504015R5	500	400	155	AMP05040	AMI05040	AMT05040	AMG155	-	AC05040R5
MAS0504021R5	500	400	210	AMP05040	AMI05040	AMT05040	AMG210	DIP210	AC05040R5
MAS0504026R5	500	400	260	AMP05040	AMI05040	AMT05040	AMG260	DIP260	AC05040R5
MAS0504030R5	500	400	300	AMP05040	AMI05040	AMT05040	AMG300	DIP300	AC05040R5
MAS0505021R5	500	500	210	AMP05050	AMI05050	AMT05050	AMG210	DIP210	-
MAS0505030R5	500	500	300	AMP05050	AMI05050	AMT05050	AMG300	DIP300	-
MAS0604015R5	600	400	155	AMP06040	AMI06040	AMT06040	AMG155	-	AC06040R5
MAS0604021R5	600	400	210	AMP06040	AMI06040	AMT06040	AMG210	DIP210	AC06040R5
MAS0604026R5	600	400	260	AMP06040	AMI06040	AMT06040	AMG260	DIP260	AC06040R5
MAS0604030R5	600	400	300	AMP06040	AMI06040	AMT06040	AMG300	DIP300	AC06040R5
MAS0605015R5	600	500	155	AMP06050	AMI06050	AMT06050	AMG155	-	-
MAS0605021R5	600	500	210	AMP06050	AMI06050	AMT06050	AMG210	DIP210	-
MAS0605026R5	600	500	260	AMP06050	AMI06050	AMT06050	AMG260	DIP260	-
MAS0605030R5	600	500	300	AMP06050	AMI06050	AMT06050	AMG300	DIP300	-
MAS0606021R5	600	600	210	AMP06060	AMI06060	AMT06060	AMG210	DIP210	AC06060R5
MAS0606030R5	600	600	300	AMP06060	AMI06060	AMT06060	AMG300	DIP300	AC06060R5
MAS0606040R5	600	600	400	AMP06060	AMI06060	AMT06060	AMG400	DIP400	AC06060R5
MAS0608030R5	600	800	300	AMP06080	AMI06080	AMT06080	AMG300	DIP300	-
MAS0705021R5	700	500	210	AMP07050	AMI07050	AMT07050	AMG210	DIP210	AC07050R5
MAS0705026R5	700	500	260	AMP07050	AMI07050	AMT07050	AMG260	DIP260	AC07050R5
MAS0804030R5	800	400	300	AMP08040	AMI08040	AMT08040	AMG300	DIP300	-
MAS0806021R5	800	600	210	AMP08060	AMI08060	AMT08060	AMG210	DIP210	AC08060R5
MAS0806026R5	800	600	260	AMP08060	AMI08060	AMT08060	AMG260	DIP260	AC08060R5
MAS0806030R5	800	600	300	AMP08060	AMI08060	AMT08060	AMG300	DIP300	AC08060R5
MAS0806040R5	800	600	400	AMP08060	AMI08060	AMT08060	AMG400	DIP400	AC08060R5
MAS0808021R5	800	800	210	AMP08080	AMI08080	AMT08080	AMG210	DIP210	-
MAS0808030R5	800	800	300	AMP08080	AMI08080	AMT08080	AMG300	DIP300	-
MAS0808040R5	800	800	400	AMP08080	AMI08080	AMT08080	AMG400	DIP400	-
MAS1006026R5	1000	600	260	AMP10060	AMI10060	AMT10060	AMG260	DIP260	AC10060R5
MAS1006030R5	1000	600	300	AMP10060	AMI10060	AMT10060	AMG300	DIP300	AC10060R5
MAS1008026R5	1000	800	260	AMP10080	AMI10080	AMT10080	AMG260	DIP260	AC10080R5
MAS1008030R5	1000	800	300	AMP10080	AMI10080	AMT10080	AMG300	DIP300	AC10080R5
MAS1008040R5	1000	800	400	AMP10080	AMI10080	AMT10080	AMG400	DIP400	AC10080R5
MAS1206030R5	1200	600	300	AMP12060	AMI12060	AMT12060	AMG300	DIP300	-
MAS1208030R5	1200	800	300	AMP12080	AMI12080	AMT12080	AMG300	DIP300	-
MAS1208040R5	1200	800	400	AMP12080	AMI12080	AMT12080	AMG400	DIP400	-

Accessories selection matrix | MAS

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)**
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**				**Locks**
	H	**W**	**D**	**Inner door**	**Transparent door**	**Glazed door**	**Transparent 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				**Doors**				
	H	**W**	**D**	**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	-	-
MAS0302521R5	300	250	210	MMH02	-	ADSW01	-	-
MAS0303015R5	300	300	155	MMH02	ADO202	ADSW01	-	DHP030
MAS0303021R5	300	300	210	MMH02	ADO202	ADSW01	-	DHP030
MAS0352515R5	350	250	155	MMH02	-	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	DHP080
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

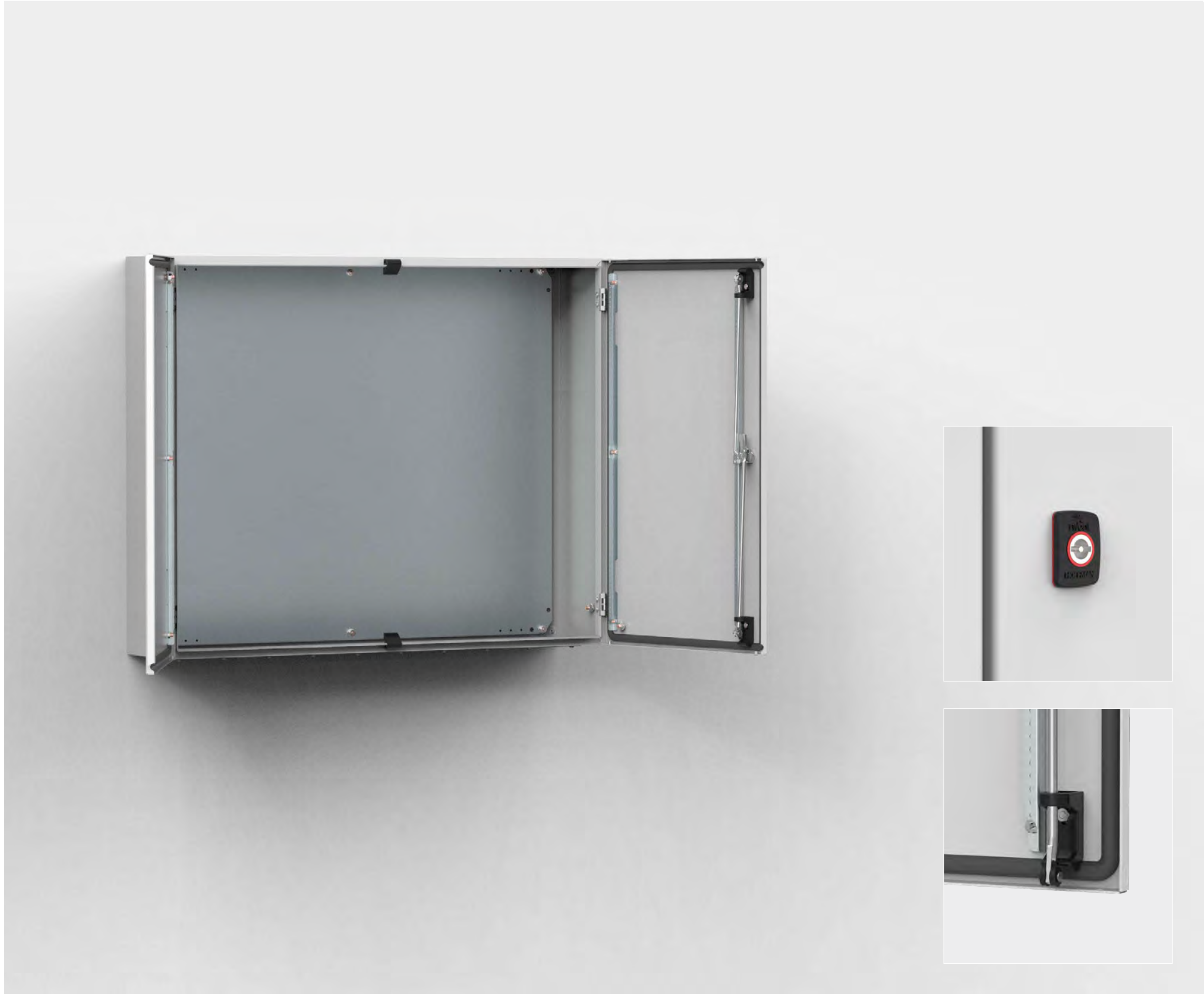
Enclosure				**Gland plates**					**Protection**
	H	**W**	**D**	**Ventilated gland plate**	**Ventilated gland plate with fly-net**	**Ventilated gland plate with filter**	**Adapter gland plate**	**Gland plate with knock-outs**	**Rainhood**
MAS0202015R5	200	200	155	-	-	-	-	-	-
MAS0252015R5	250	200	155	-	-	-	-	-	-
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/AFK22R5	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 × 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. Inner M6 welded studs to mount door profiles MMDP. Two removable mounting profiles on the right hand door and two on the left hand door. 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. 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.

Finish:

RAL 7035 structured powder coating.

Delivery:

Enclosure with doors, and two door mounting profiles on each door. Gland plate(s) with gasket(s), metallic double-bit 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				
H	**W**	**D**	**h**	**w**	**d**	**Size**	**Type**	**Openings**	**N° of locks**	**Item no.**
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

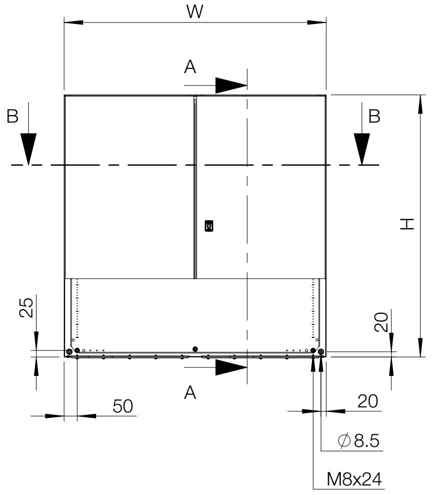
Without mounting plate

Enclosure dimensions			Gland plate				
H	**W**	**D**	**Size**	**Type**	**Openings**	**N° of locks**	**Item no.**
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

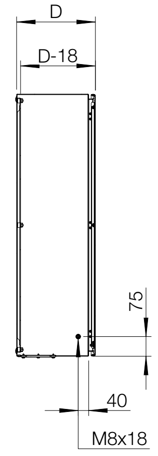
** 3 point espagnolette locking.*

Dimensional drawing | MAD

Front view

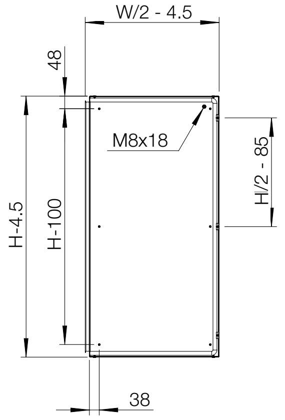

W
A
B
B
H
25
20
50
A
20
∅8.5
M8x24

Sectional side view

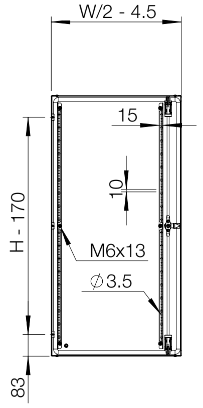

D
D-18
75
40
M8x18

SECTION A-A

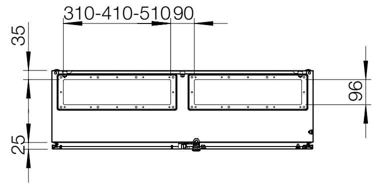
Inside left door view


W/2 - 4.5
48
M8x18
H/2 - 85
H-4.5
H-100
38

Inside right door view

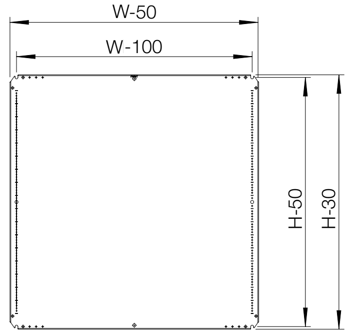

W/2 - 4.5
15
10
H - 170
M6x13
∅3.5
83

Sectional top view

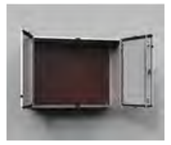

310-410-510
90
35
96
25

SECTION B-B

Mounting plate view


W-50
W-100
H-50
H-30

Accessories selection matrix | MAD

								
Enclosure				**Mounting**				
	H	**W**	**D**	**Steel mounting plate**	**Insulated mounting plate**	**Telequick mounting plate**	**Depth adjustment kit**	**Depth interior profile**
MAD0608030R5	600	800	300	AMP06080	AMI06080	AMT06080	AMG300	DIP300
MAD0801230R5	800	1200	300	AMP08120	-	-	AMG300	DIP300
MAD1001030R5	1000	1000	300	AMP10100	-	-	AMG300	DIP300
MAD1201030R5	1200	1000	300	AMP12100	-	-	AMG300	DIP300
MAD1201230R5	1200	1200	300	AMP12120	-	-	AMG300	DIP300
MAD1401030R5	1400	1000	300	AMP14100	-	-	AMG300	DIP300

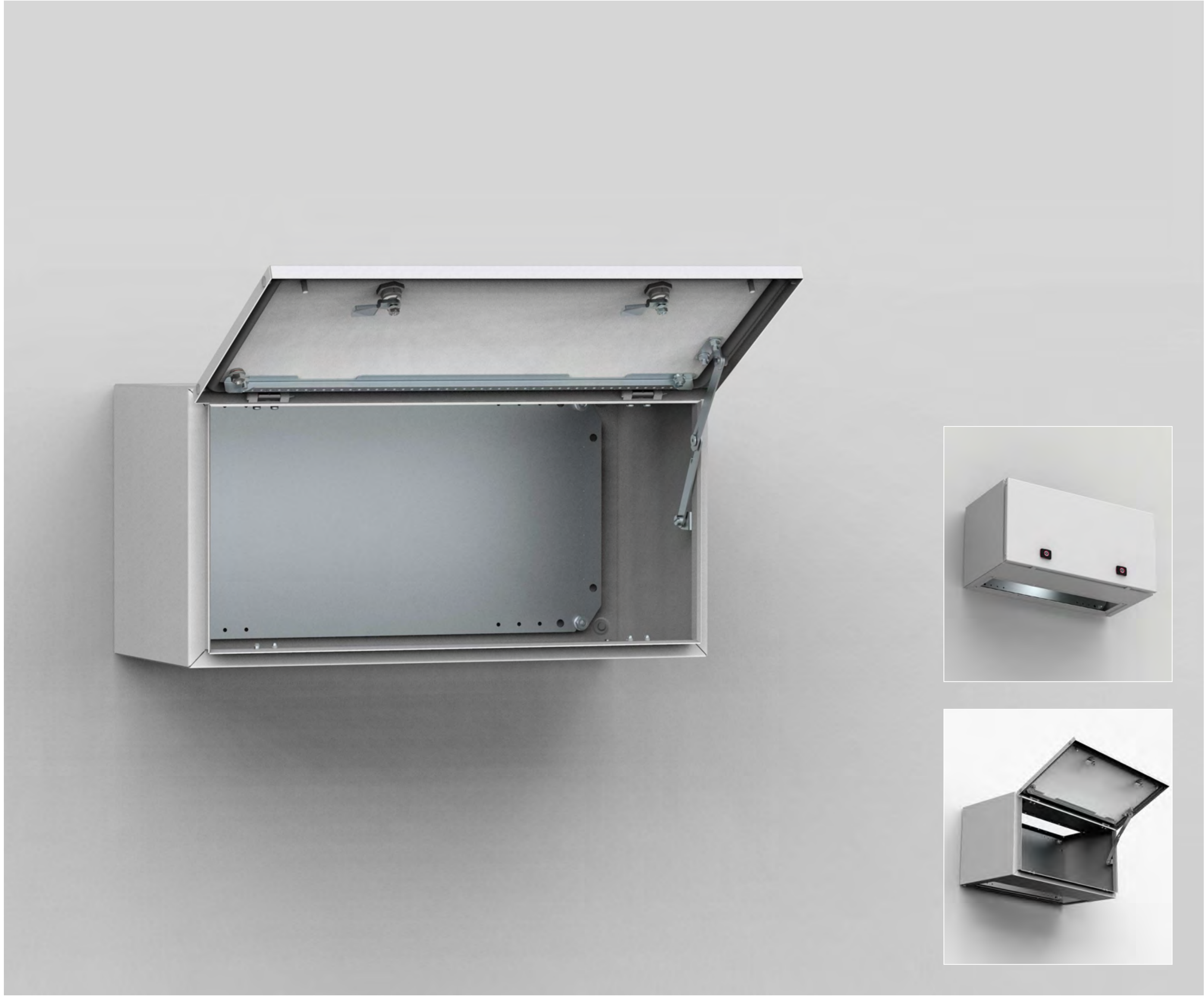
Enclosure				**Fixing**					
	H	**W**	**D**	**Wall mounting brackets**	**Pole fixation**	**Front/rear plinths (100 mm height)**	**Side plinths (100 mm height)**	**Front/rear plinths (200 mm height)**	**Side plinths (200 mm height)**
MAD0608030R5	600	800	300	AW41	EPF0800	P1080	PA1030	P2080	PA2030
MAD0801230R5	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

Enclosure				**Doors**					
	H	**W**	**D**	**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	2x MMH03	ADO202	ADSW01	MMDP120	DHP060
MAD1401030R5	1400	1000	300	PLC01	2x MMH03	ADO202	ADSW01	MMDP140	DHP050

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**
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 × 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. Inner M6 welded studs. One removable mounting profile on the hinge side. Sealing is ensured by an injected one piece polyurethane gasket.

Lock:

Customized 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, providing you mount the gland plate(s) and gasket(s), supplied as an accessory. Combined with MAS or MAD, complies with IP 55 | TYPE 12.

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

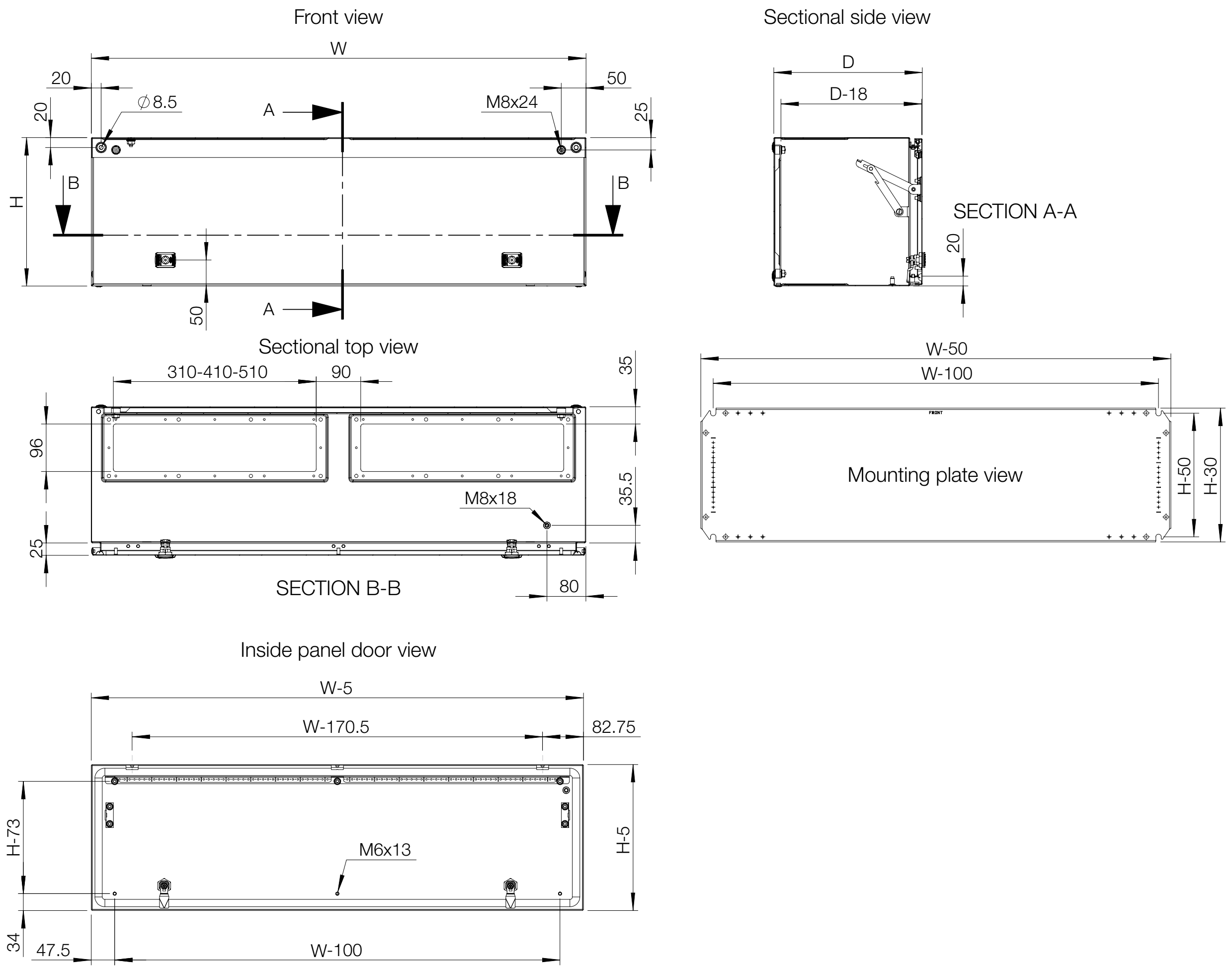
With mounting plate

Enclosure dimensions			Mounting plate dimensions		Usable depth	Gland plate				
H	W	D	h	w	d	Size	Type	Openings	N° of locks	Item no.
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

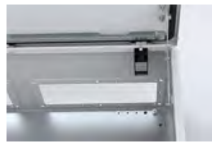
Without mounting plate

Enclosure dimensions			Gland plate				
H	W	D	Size	Type	Openings	N° of locks	Item no.
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

Dimensional drawing | MAP



Accessories selection matrix | MAP

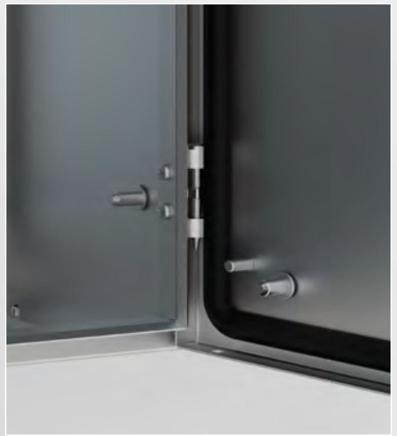
							
Enclosure				Mounting		Doors	
	H	W	D	Steel mounting plate	Depth interior profile	Padlocking	Door switch
MAP0306030R5	300	600	300	AMP03060	DIP300	PLC01	ADSW01
MAP0308030R5	300	800	300	AMP03080	DIP300	PLC01	ADSW01
MAP0310030R5	300	1000	300	AMP03100	DIP300	PLC01	ADSW01
MAP0312030R5	300	1200	300	AMP03120	DIP300	PLC01	ADSW01

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	Adapter 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

Wall Mounted Enclosures
Steel Range | Stainless Steel
Single door | ASR

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



nVent
HOFFMAN

Material:

AISI 304L / AISI 316L pre-grained stainless steel. Body: 1.5 mm. Door for AISI 304L: 1.5 mm / 2 mm for enclosures with a height or width of 600 mm or greater. Door for AISI 316L: 2 mm. 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 allow left or right hand opening. For AISI 316L, sealing is ensured by an injected one piece silicone gasket. Inner M6 welded studs, to mount door profiles MMDP.

Lock:

nVent HOFFMAN customized zamak double-bit 3 mm lock, with 90° movement and anti-vibration mechanism. Two locks for 600 mm high to 800 mm high enclosures. Espagnolette three point locking or 3 locks for 1000 mm high enclosures and above. 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 cleanliness.

Protection:

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

Finish:

400 pre-grained stainless steel.

Delivery:

Enclosure with door, mounting plate, plastic double-bit 3 mm key, and mounting accessories. Metallic key, for height 1000 mm and above.

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 the thermal management section.

Dimensional table | ASR

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

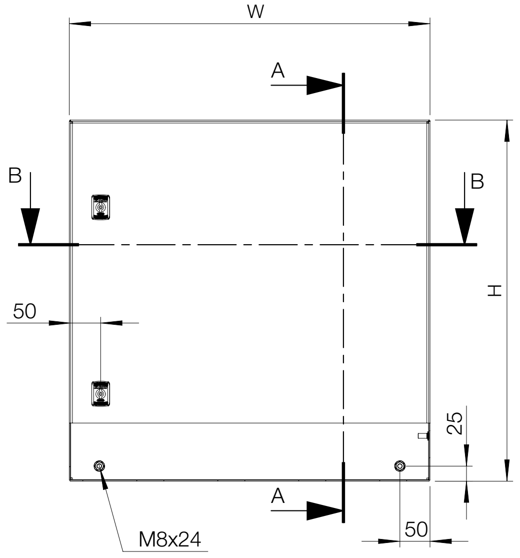
With mounting plate

Enclosure dimensions			Mounting plate dimensions		Usable depth		
H	**W**	**D**	**h**	**w**	**d**	**N° of locks**	**Item no.**
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	3	ASR1408040-316

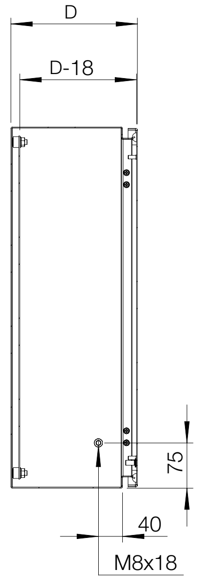
** 1000 mm high enclosures and above have espagnolette three point locking or 3 locks.*

Dimensional drawing | ASR

Front view

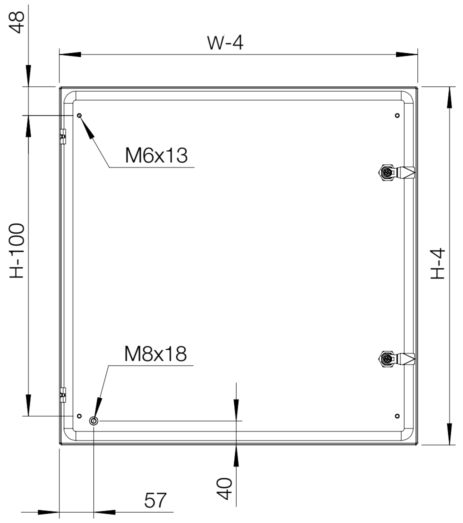


Sectional side view

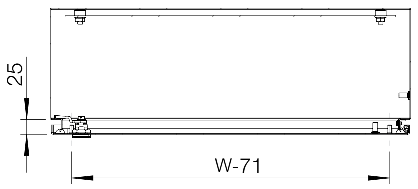


SECTION A-A

Inside door view

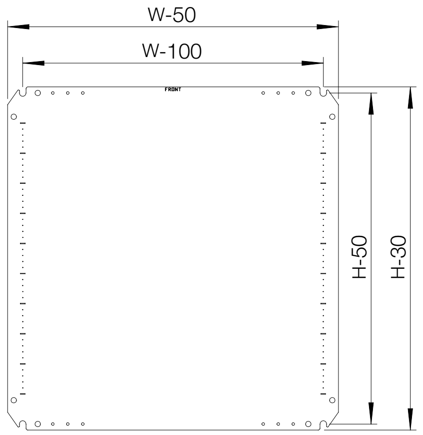


Sectional top view



SECTION B-B

Mounting plate view



Accessories selection matrix | ASR

Enclosure				**Mounting**					**Modular System**
	H	**W**	**D**	**Steel mounting plate**	**Insulated mounting plate**	**Telequick mounting plate**	**Depth adjustment kit**	**Depth interior profile**	**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	DIP210	AC04030R5
ASR0403021-316	400	300	210	AMP04030	AMI04030	AMT04030	AMG210	DIP210	AC04030R5
ASR0404021	400	400	210	AMP04040	AMI04040	AMT04040	AMG210	DIP210	-
ASR0404021-316	400	400	210	AMP04040	AMI04040	AMT04040	AMG210	DIP210	-
ASR0406021	400	600	210	AMP04060	AMI04060	AMT04060	AMG210	DIP210	-
ASR0406021-316	400	600	210	AMP04060	AMI04060	AMT04060	AMG210	DIP210	-
ASR0504021	500	400	210	AMP05040	AMI05040	AMT05040	AMG210	DIP210	AC05040R5
ASR0504021-316	500	400	210	AMP05040	AMI05040	AMT05040	AMG210	DIP210	AC05040R5
ASR0505021	500	500	210	AMP05050	AMI05050	AMT05050	AMG210	DIP210	-
ASR0505021-316	500	500	210	AMP05050	AMI05050	AMT05050	AMG210	DIP210	-
ASR0604021	600	400	210	AMP06040	AMI06040	AMT06040	AMG210	DIP210	AC06040R5
ASR0604021-316	600	400	210	AMP06040	AMI06040	AMT06040	AMG210	DIP210	AC06040R5
ASR0606021	600	600	210	AMP06060	AMI06060	AMT06060	AMG210	DIP210	AC06060R5
ASR0606021-316	600	600	210	AMP06060	AMI06060	AMT06060	AMG210	DIP210	AC06060R5
ASR0606030	600	600	300	AMP06060	AMI06060	AMT06060	AMG300	DIP300	AC06060R5
ASR0606030-316	600	600	300	AMP06060	AMI06060	AMT06060	AMG300	DIP300	AC06060R5
ASR0608030	600	800	300	AMP06080	AMI06080	AMT06080	AMG300	DIP300	-
ASR0608030-316	600	800	300	AMP06080	AMI06080	AMT06080	AMG300	DIP300	-
ASR0806021	800	600	210	AMP08060	AMI08060	AMT08060	AMG210	DIP210	AC08060R5
ASR0806021-316	800	600	210	AMP08060	AMI08060	AMT08060	AMG210	DIP210	AC08060R5
ASR0806030	800	600	300	AMP08060	AMI08060	AMT08060	AMG300	DIP300	AC08060R5
ASR0806030-316	800	600	300	AMP08060	AMI08060	AMT08060	AMG300	DIP300	AC08060R5
ASR0808030	800	800	300	AMP08080	AMI08080	AMT08080	AMG300	DIP300	-
ASR0808030-316	800	800	300	AMP08080	AMI08080	AMT08080	AMG300	DIP300	-
ASR1008030	1000	800	300	AMP10080	AMI10080	AMT10080	AMG300	DIP300	AC10080R5
ASR1008030-316	1000	800	300	AMP10080	AMI10080	AMT10080	AMG300	DIP300	AC10080R5
ASR1208030	1200	800	300	AMP12080	AMI12080	AMT12080	AMG300	DIP300	-
ASR1208030-316	1200	800	300	AMP12080	AMI12080	AMT12080	AMG300	DIP300	-
ASR1208040	1200	800	400	AMP12080	AMI12080	AMT12080	AMG400	DIP400	-
ASR1208040-316	1200	800	400	AMP12080	AMI12080	AMT12080	AMG400	DIP400	-
ASR1408040	1400	800	400	-	-	-	AMG400	DIP400	-
ASR1408040-316	1400	800	400	-	-	-	AMG400	DIP400	-

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

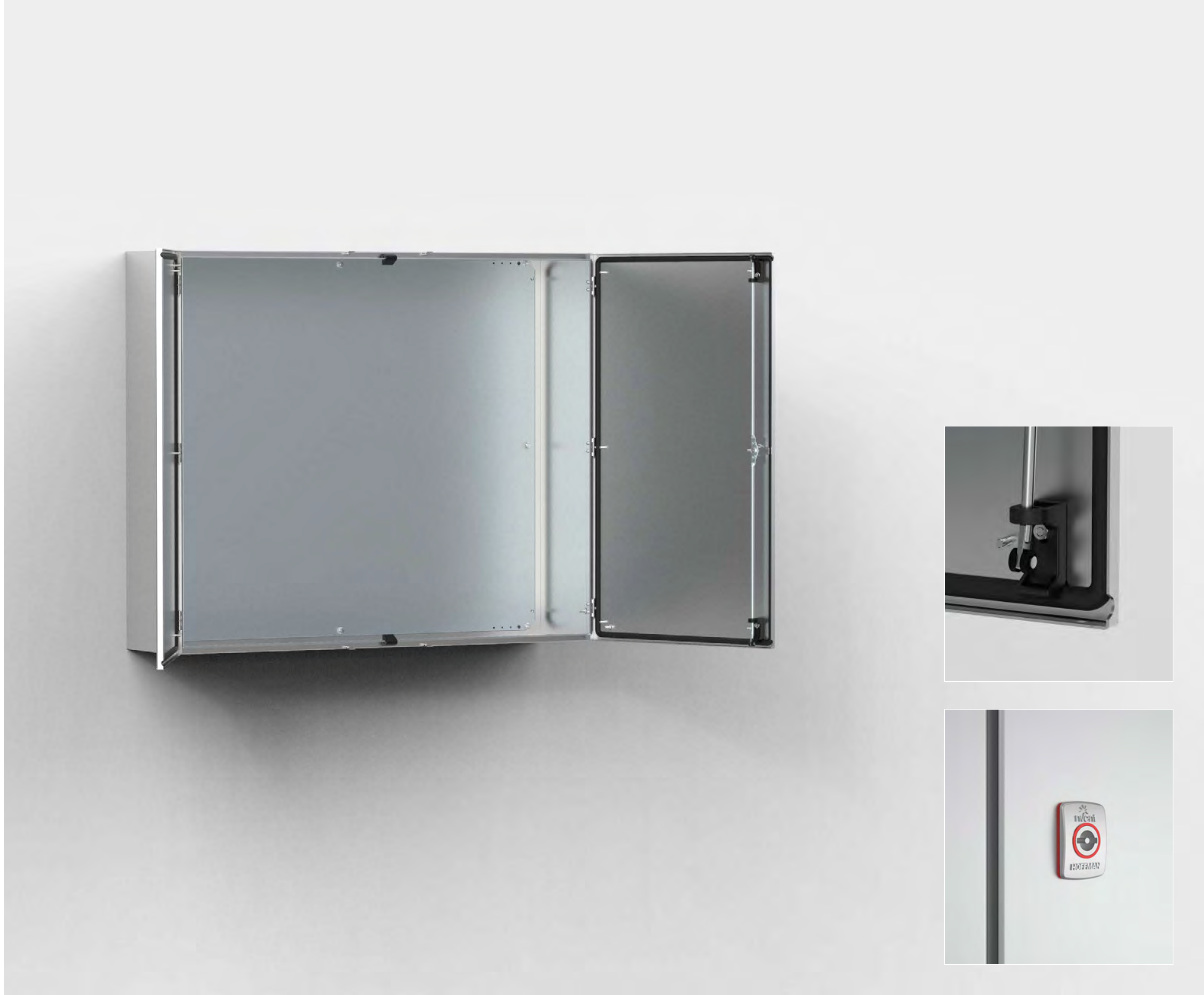
Accessories selection matrix | ASR

Enclosure				**Doors**				
	H	**W**	**D**	**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	-	-
ASR0302015-316	300	200	150	MMHS02	-	ADSW01	-	-
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**			**Locks**
	H	**W**	**D**	**Inner door**	**Glazed door**	**Transparent 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 304L / 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. Inner M6 welded studs to mount door profiles MMDP. For AISI 316L, sealing is ensured by an injected one piece silicone gasket.

Lock:

nVent HOFFMAN customized zamak double-bit 3 mm lock, with 90° movement and anti-vibration mechanism. 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 cleanliness.

Finish:

400 pre-grained stainless steel.

Protection:

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

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 the thermal management section.

Dimensional table | ADR

IP 55 | TYPE 12, 13 | IK 10

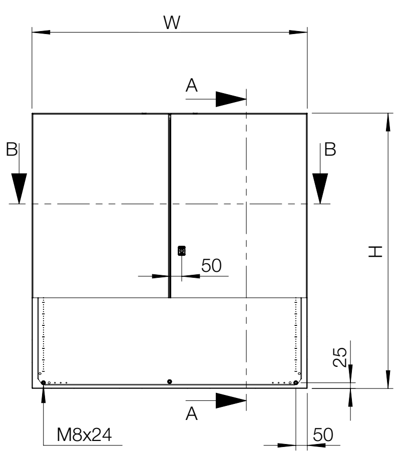
With mounting plate

Enclosure dimensions			Mounting plate dimensions		Usable depth		
H	W	D	h	w	d	N° of locks	Item no.
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

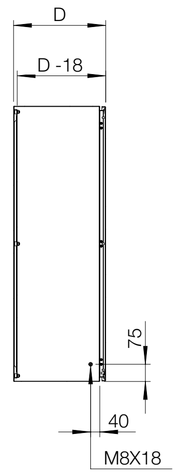
** 3 point espagnolette locking.*

Dimensional drawing | ADR

Front view

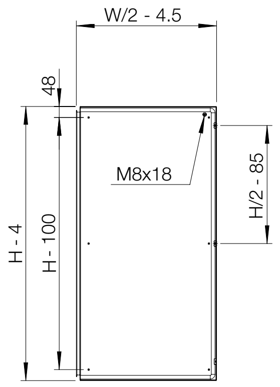


Sectional side view

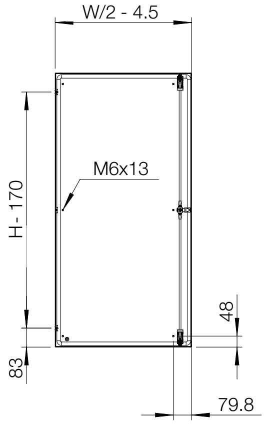


SECTION A-A

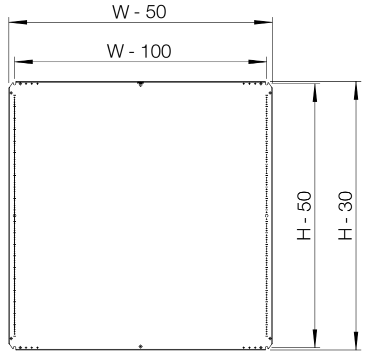
Inside left door view



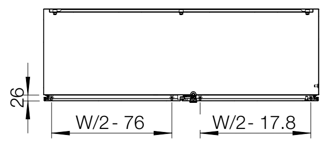
Inside right door view



Mounting plate view

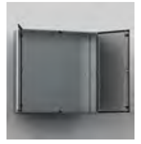


Sectional top view



SECTION B-B

Accessories selection matrix | ADR

									
Enclosure				**Mounting**			**Fixing**		**Protection**
	H	**W**	**D**	**Steel mounting plate**	**Depth adjustment kit**	**Depth interior profile**	**Wall mounting brackets**	**Plinth**	**Rainhood**
ADR1001030	1000	1000	300	AMP10100	AMG300	DIP300	AWS41-304	MSVS1103	ASST103
ADR1001030-316	1000	1000	300	AMP10100	AMG300	DIP300	AWS41-316	MSVS1103-316	ASST103-316
ADR1001230	1000	1200	300	AMP10120	AMG300	DIP300	AWS41-304	MSVS1123	ASST123
ADR1001230-316	1000	1200	300	AMP10120	AMG300	DIP300	AWS41-316	MSVS1123-316	ASST123-316
ADR1201240	1200	1200	400	AMP12120	AMG400	DIP400	AWS41-304	MSVS1124	ASST124
ADR1201240-316	1200	1200	400	AMP12120	AMG400	DIP400	AWS41-316	MSVS1124-316	ASST124-316

Enclosure				**Doors**					
	H	**W**	**D**	**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 304L / 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 has an integral sloping roof at an angle of between 8 and 20 degrees, sloping towards the front, giving a 10 mm overhang, to move 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). For AISI 316L, 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.

Finish:

400 pre-grained stainless steel.

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 the thermal management section.

Dimensional table | AFS

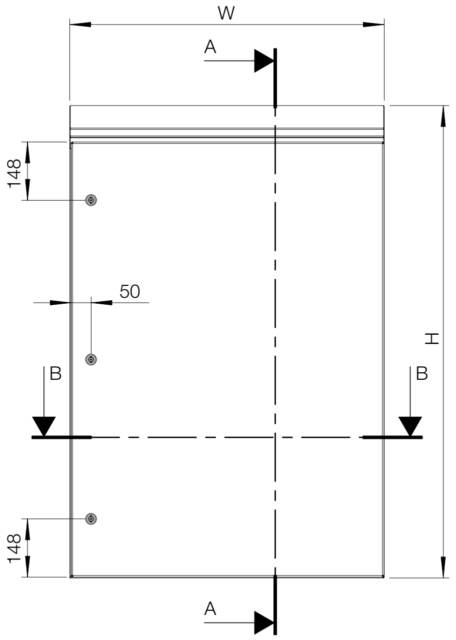
IP 66 | TYPE 4X, 12, 13 | IK 10

With mounting plate

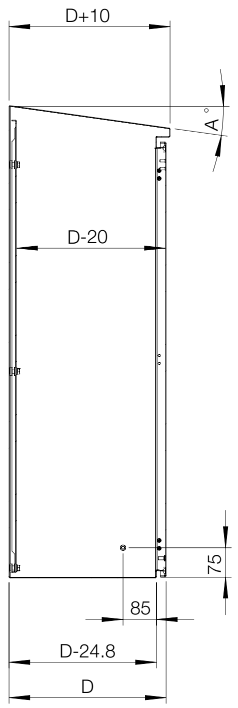
Enclosure dimensions			Mounting plate dimensions		Usable depth			
H	**W**	**D**	**h**	**w**	**d**	**Degree of slope**	**N° of locks**	**Item no.**
300	200	155	275	150	135	20°	1	AFS03021
300	200	155	275	150	135	20°	1	AFS03021-316
400	300	155	375	250	135	20°	1	AFS04031
400	300	155	375	250	135	20°	1	AFS04031-316
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	11°	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

Dimensional drawing | AFS

Front view

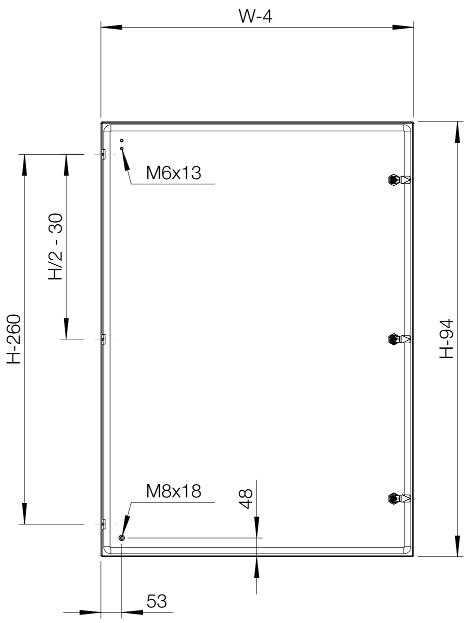


Sectional side view

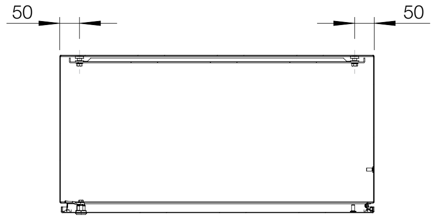


SECTION A-A

Inside door view

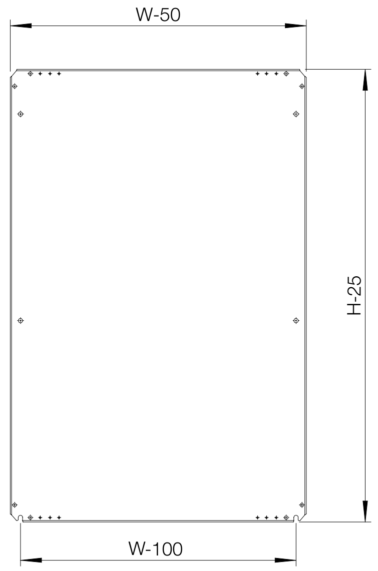


Sectional top view



SECTION B-B

Mounting plate view



Accessories selection matrix | AFS

Enclosure				**Mounting**	**Fixing**		
	H	**W**	**D**	**Depth interior profile**	**Plinth**	**Pole fixation**	**Wall mounting brackets**
AFS03021	300	200	155	-	-	-	AWS41-304
AFS03021-316	300	200	155	-	-	-	AWS41-316
AFS04031	400	300	155	-	-	EPF0300	AWS41-304
AFS04031-316	400	300	155	-	-	EPF0300	AWS41-316
AFS04042	400	400	210	DIP210	-	EPF0400	AWS41-304
AFS04042-316	400	400	210	DIP210	-	EPF0400	AWS41-316
AFS04062	400	600	210	DIP210	-	EPF0600	AWS41-304
AFS04062-316	400	600	210	DIP210	-	EPF0600	AWS41-316
AFS05052	500	500	210	DIP210	-	EPF0500	AWS41-304
AFS05052-316	500	500	210	DIP210	-	EPF0500	AWS41-316
AFS06042	600	400	210	DIP210	-	EPF0400	AWS41-304
AFS06042-316	600	400	210	DIP210	-	EPF0400	AWS41-316
AFS06062	600	600	210	DIP210	-	EPF0600	AWS41-304
AFS06062-316	600	600	210	DIP210	-	EPF0600	AWS41-316
AFS06063	600	600	300	DIP300	MSVS1063	EPF0600	AWS41-304
AFS06063-316	600	600	300	DIP300	MSVS1063-316	EPF0600	AWS41-316
AFS06083	600	800	300	DIP300	MSVS1083	EPF0800	AWS41-304
AFS06083-316	600	800	300	DIP300	MSVS1083-316	EPF0800	AWS41-316
AFS08062	800	600	210	DIP210	-	EPF0600	AWS41-304
AFS08062-316	800	600	210	DIP210	-	EPF0600	AWS41-316
AFS08063	800	600	300	DIP300	MSVS1063	EPF0600	AWS41-304
AFS08063-316	800	600	300	DIP300	MSVS1063-316	EPF0600	AWS41-316
AFS08082	800	800	210	DIP210	-	EPF0800	AWS41-304
AFS08082-316	800	800	210	DIP210	-	EPF0800	AWS41-316
AFS08083	800	800	300	DIP300	MSVS1083	EPF0800	AWS41-304
AFS08083-316	800	800	300	DIP300	MSVS1083-316	EPF0800	AWS41-316
AFS10083	1000	800	300	DIP300	MSVS1083	EPF0800	AWS41-304
AFS10083-316	1000	800	300	DIP300	MSVS1083-316	EPF0800	AWS41-316
AFS12063	1200	600	300	DIP300	MSVS1063	EPF0600	AWS41-304
AFS12063-316	1200	600	300	DIP300	MSVS1063-316	EPF0600	AWS41-316
AFS12083	1200	800	300	DIP300	MSVS1083	EPF0800	AWS41-304
AFS12083-316	1200	800	300	DIP300	MSVS1083-316	EPF0800	AWS41-316
AFS12084	1200	800	400	DIP400	MSVS1084	EPF0800	AWS41-304
AFS12084-316	1200	800	400	DIP400	MSVS1084-316	EPF0800	AWS41-316
AFS14084	1400	800	400	DIP400	MSVS1084	EPF0800	AWS41-304
AFS14084-316	1400	800	400	DIP400	MSVS1084-316	EPF0800	AWS41-316

Enclosure				**Doors**			
	H	**W**	**D**	**180° hinges**	**Door stop**	**Door switch**	**Padlocking**
AFS03021	300	200	155	MMHS02	-	ADSW01	PLC01
AFS03021-316	300	200	155	MMHS02	-	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

02

Wall Mounted Enclosures

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Wall Mounted Enclosures

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**		
H	**W**	**h**	**w**	**Item no.**
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	1200	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**		
H	**W**	**h**	**w**	**Item no.**
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

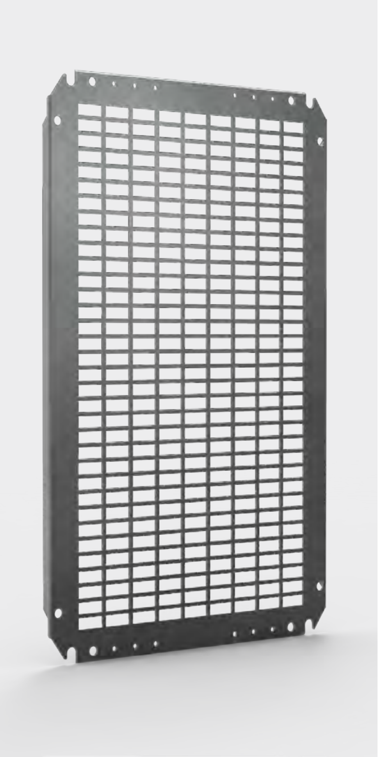
Not suitable for AFS.

Wall Mounted Enclosures

Steel Range

Accessories

Telequick mounting plate, AMT

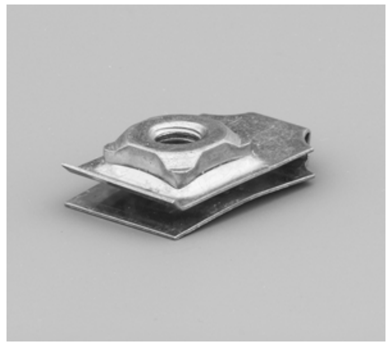


Description:	Steel mounting plate simplifies installation and equipment mounting. Rectangular holes 28 x 11 mm to obtain required fixing positions with snap nuts. The nuts can be moved around within the rectangular hole. By using the AMG accessory, the mounting plate position can be adjusted to any depth. 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		
H	**W**	**h**	**w**	**Item no.**
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

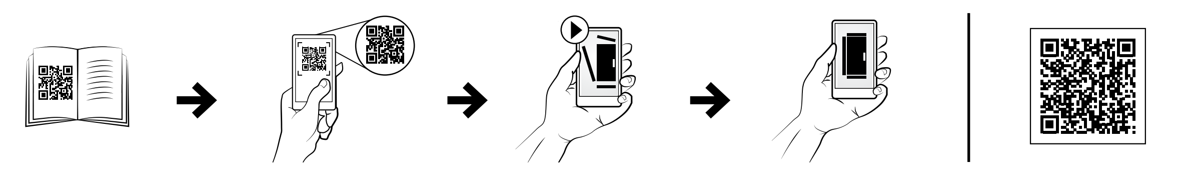
Not suitable for AFS.

Depth adjustment kit, AMG

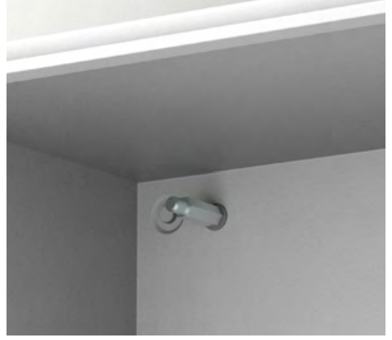
Description:	To provide depth adjustment for different accessories: mounting plate, 19" profiles and inner door. In stainless steel enclosures machining is required.
Material:	2 mm galvanized steel.
Depth adjustment:	Distance to the door D-35 to 65 mm.
Pack quantity:	2 pairs with mounting accessories.

For enclosure	
D	**Item no.**
155	AMG155
210	AMG210
260	AMG260
300	AMG300
400	AMG400

Not suitable for AFS.



Depth adjustment bolts, AMTE



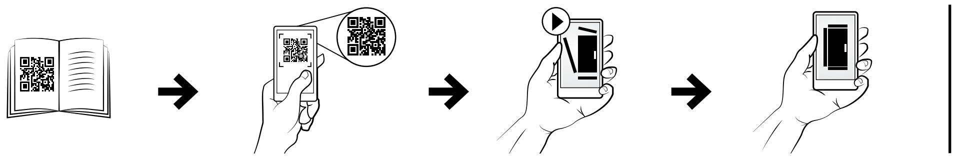
Description:	For depth adjustment of the mounting plate. Metric thread M8.
Material:	Zinc plated steel.

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

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. DIP profiles are not compatible with adjustment in depth of the mounting plate.
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



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	**U**	**Item no.**
600	13	AVP0600
800	17	AVP0800
1000	21	AVP1000
1200	26	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.

Partial height swing frames, 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:	1 double-bit 3 mm lock.
Material:	2 mm zinc plated steel.
Pack quantity:	1 swing frame with hinges.
Mounting requirements:	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.

Wall Mounted Enclosures

Steel Range

Accessories

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:	1 complete kit including mounting brackets for one swing frame.
Mounting requirements:	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.**
600	SFBP600
800	SFBP800

Not suitable for AFS.

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.
Mounting requirements:	To be assembled on MAS and ASR enclosures.

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

Modular system frames, MSMSM

Description:	Two single vertical profiles, which can be used both for front covers and assembly of components. A cost effective solution for panel builders, reducing assembly time, which also enables assembly outside the enclosure. Useful height for front covers is, Height – 100 mm.
Material:	1.5 mm steel.
Finish:	RAL 7035.
Pack quantity:	1 kit.
Mounting requirements:	To be assembled on MAS and ASR enclosures.

H	W	Item no.
600	600	MSMSM0606
600	800	MSMSM0608
800	600	MSMSM0806
800	800	MSMSM0808
1000	600	MSMSM1006
1000	800	MSMSM1008
1200	600	MSMSM1206
1200	800	MSMSM1208

Wall Mounted Enclosures

Steel Range

Accessories

Mounting plates, MSMPN

Description:	Mounting plate for installation of breakers. Suitable for left and right hand connections.
Material:	1.5 mm galvanized steel.
Pack quantity:	1 piece with mounting material.
Mounting requirements:	To be assembled on the modular system frame with MSMPA01 or MSMPF01.

Plain

H	W	h	w	Item no.
50	600	496	470	MSMPN0506
50	800	496	670	MSMPN0508
100	600	96	470	MSMPN1006
100	800	96	670	MSMPN1008
150	600	146	470	MSMPN1506
150	800	146	670	MSMPN1508
200	600	196	470	MSMPN2006
200	800	196	670	MSMPN2008
250	600	246	470	MSMPN2506
250	800	246	670	MSMPN2508
300	600	296	470	MSMPN3006
300	800	296	670	MSMPN3008
400	600	396	470	MSMPN4006
400	800	396	670	MSMPN4008
450	600	446	470	MSMPN4506
450	800	446	670	MSMPN4508
500	600	496	470	MSMPN5006
500	800	496	670	MSMPN5008
600	600	596	470	MSMPN6006
600	800	596	670	MSMPN6008
600	1000	596	870	MSMPN6010

Horizontal opening

H	W	h	w	Item no.
100	600	96	470	MSMPN1006H
100	800	96	670	MSMPN1008H

Vertical opening

H	W	h	w	Item no.
150	600	146	470	MSMPN1506V
150	800	146	670	MSMPN1508V
200	600	196	470	MSMPN2006V
200	800	196	670	MSMPN2008V
250	600	246	470	MSMPN2506V
250	800	246	670	MSMPN2508V
300	600	296	470	MSMPN3006V
300	800	296	670	MSMPN3008V
400	600	396	470	MSMPN4006V
400	800	396	670	MSMPN4008V
450	600	446	470	MSMPN4506V
450	800	446	670	MSMPN4508V
600	600	596	470	MSMPN6006V
600	800	596	670	MSMPN6008V

DIN rails, MSDR

Description:	Cut to size DIN rail ready to be installed. The simplified panel design makes procurement easier and reduces assembly time.
Material:	Galvanized steel.
Pack quantity:	5 pieces.
Mounting requirements:	To be used with modular system.

W	Item no.
600	MSDR0600
800	MSDR0800

Fixed brackets, MSMPF01

Description:	A bracket to mount a DIN-rail to allow for mounting of modular components in the modular system profiles. Cost effective solution for panel builders.
Material:	2.5 mm galvanized steel.
Pack quantity:	2 pairs.
Mounting requirements:	To be assembled on the modular system frame.

Item no.
MSMPF01

Adjustable brackets, MSMPA01

Description:	A bracket to mount a DIN-rail or mounting plate which is adjustable in depth to allow for mounting of components in different sizes in the desired position.
Material:	2.5 mm galvanized steel, zamak.
Pack quantity:	2 pairs.
Mounting requirements:	To be assembled on the modular system frame.

Item no.
MSMPA01

Wall Mounted Enclosures

Steel Range

Accessories

Slotted front panels, MSMCP

Description:	Slotted front panel for modular assemblies. Provided with one DIN rail per row for modular components. It has a top and bottom bending to provide extra rigidity.
Material:	1.25 mm steel.
Finish:	RAL 7035 structured powder coating.
Delivery:	1 piece with mounting material.
Mounting requirements:	To be assembled on the modular system frame.

H	W	N° of rows	DIN modules	Item no.
150	600	1	25	MSMCP1506R5
150	800	1	38	MSMCP1508R5
200	600	1	25	MSMCP2006R5
200	800	1	38	MSMCP2008R5
300	600	1	25	MSMCP3006-1R5
300	800	1	38	MSMCP3008-1R5
300	600	2	50	MSMCP3006-2R5
300	800	2	76	MSMCP3008-2R5
450	600	3	75	MSMCP4506R5
450	800	3	114	MSMCP4508R5
600	600	4	100	MSMCP6006R5
600	800	4	152	MSMCP6008R5

Plain front panels, MSMBP

Description:	Plain front panel for modular asseblies. It has a top and bottom bending to provide extra rigidity.
Material:	1.25 mm steel.
Finish:	RAL 7035 structured powder coating.
Delivery:	1 piece with mounting material.
Mounting requirements:	To be assembled on the modular system frame.

H	W	h	w	Item no.
50	600	49	503	MSMBP0506R5
50	800	49	703	MSMBP0508R5
100	600	99	503	MSMBP1006R5
100	800	99	703	MSMBP1008R5
150	600	149	503	MSMBP1506R5
150	800	149	703	MSMBP1508R5
200	600	199	503	MSMBP2006R5
200	800	199	703	MSMBP2008R5
250	600	249	503	MSMBP2506R5
250	800	249	703	MSMBP2508R5
300	600	299	503	MSMBP3006R5
300	800	299	703	MSMBP3008R5
400	600	399	503	MSMBP4006R5
400	800	399	703	MSMBP4008R5
450	600	449	503	MSMBP4506R5
450	800	449	703	MSMBP4508R5
500	600	499	503	MSMBP5006R5
500	800	499	703	MSMBP5008R5
600	600	599	503	MSMBP6006R5
600	800	599	703	MSMBP6008R5

Blanking plates for DIN slots, TB13G

Description:	Blanking plate to cover the unused space in the DIN slots. Can be divided per half a module.
Material:	Plastic.
Finish:	RAL 7035.
Pack quantity:	1 piece of blanking plate 13 mod. Overall length 234 mm.

Item no.
TB13G

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

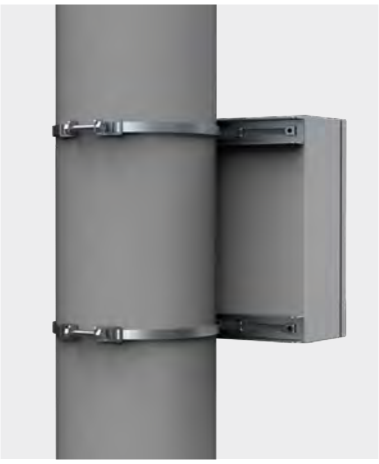
Wall mounting brackets, AWS

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

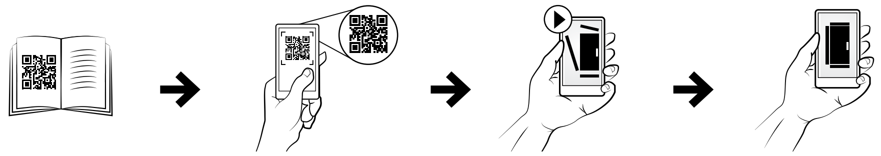
Wall Mounted Enclosures
Steel Range
Accessories

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)	
MAS, MAD, MAP, ASR, ADR, AFS	**Item no.**
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.

Plinth	For enclosure	
Height	**Width**	**Item no.**
100	400	P1040
100	500	P1050
100	600	P1060
100	800	P1080
100	1000	P1100
100	1200	P1120
200	400	P2040
200	500	P2050
200	600	P2060
200	800	P2080
200	1000	P2100
200	1200	P2120

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.

Plinth	For enclosure	
Height	**Depth**	**Item no.**
100	260	PA1026
100	300	PA1030
100	400	PA1040
200	260	PA2026
200	300	PA2030
200	400	PA2040

Wall Mounted Enclosures

Steel Range

Accessories

Plinths, MSVS

Description: Four U-section side pieces fixed by screws to the corner sections. Plinth height 100 mm. Machining is required.

Material: 2 mm AISI 304 / AISI 316L pre-grained stainless steel.

Finish: 400 pre-grained stainless steel.

Pack quantity: 1 plinth with mounting material.

For enclosure		
W	**D**	**Item no.**
600	300	MSVS1063
600	300	MSVS1063-316
800	300	MSVS1083
800	300	MSVS1083-316
800	400	MSVS1084
800	400	MSVS1084-316
1000	300	MSVS1103
1000	300	MSVS1103-316
1200	300	MSVS1123
1200	300	MSVS1123-316
1200	400	MSVS1124
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.

Plinth	For enclosure	
Height	**Depth**	**Item no.**
300	300	PFF330R5
450	300	PFF345R5
300	400	PFF430R5
450	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 nVent HOFFMAN'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 IP55, IK 07.

Pack quantity: 1 door.

For enclosure		Viewing area			
H	**W**	**h**	**w**	**N° of locks**	**Item no.**
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 Enclosures
Steel Range
Accessories

Glazed doors, 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 nVent HOFFMAN'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**			
H	**W**	**h**	**w**	**N° of locks**	**Item no.**
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.*
Not suitable for AFS.

Glazed doors, 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 nVent HOFFMAN'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:	400 pre-grained stainless steel.
Protection:	Complies with IP55 | TYPE 12, 13, IK 07.
Pack quantity:	1 door.

For enclosure		**Viewing area**			
H	**W**	**h**	**w**	**N° of locks**	**Item no.**
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	1	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	659	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 Enclosures

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 IP54.
Pack quantity:	1 door with mounting accessories.

For enclosure		Viewing area			
H	W	h	w	N° of locks	Item no.
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

Wall Mounted Enclosures

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

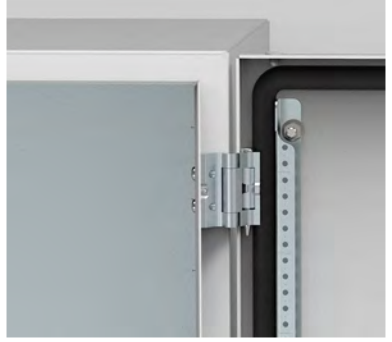
Description:	For controls, meters, lamps, etc. Hinges can be mounted to allow left or right hand opening (Machining is required). Double-bit 3 mm lock, 800 mm high doors and above have 2 locks. Usable depth between inner and external door: 35 mm, adjustable depth position with AMG accessory. Workable 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:	400 pre-grained stainless steel.
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	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.

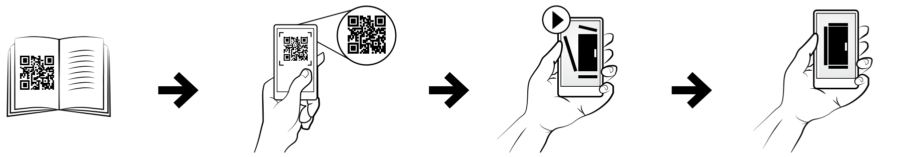
Wall Mounted Enclosures
Steel Range
Accessories

180° Hinges, MMH

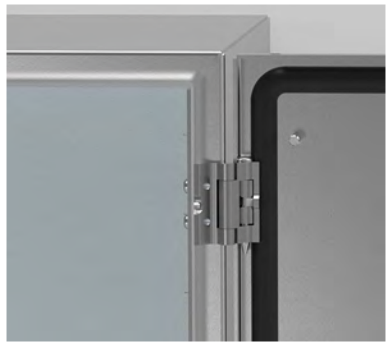


Description:	Door hinges that allow the door to open 180º. Machining is not required.
Material:	Zamak.
Pack quantity:	MMH02 - 2 pcs. MMH03 - 3 pcs.

For enclosure	
H	**Item no.**
≤ 800mm	MMH02
> 800mm	MMH03

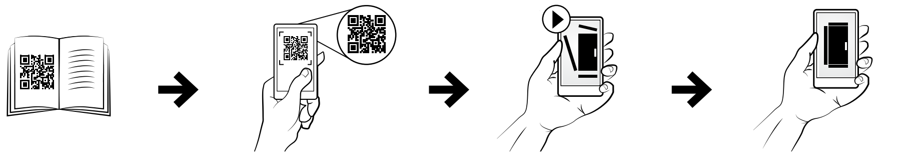


180° Hinges, MMHS

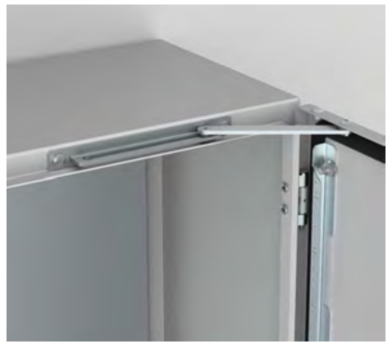


Description:	Door hinges that allow the door to open 180º. Machining is not required.
Material:	Stainless steel 316.
Pack quantity:	MMHS02 - 2 pcs. MMHS03 - 3 pcs.

For enclosure	
H	**Item no.**
≤ 800mm	MMHS02
> 800mm	MMHS03

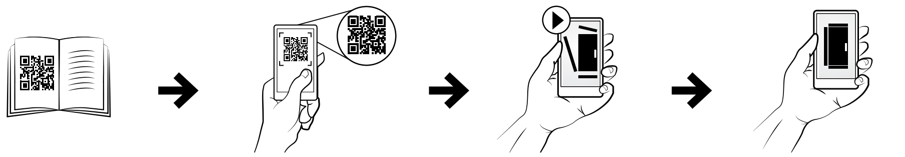


Door stop, ADO

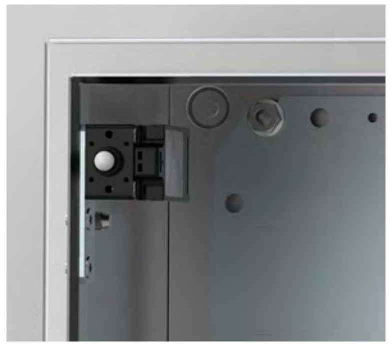


Description:	Door stop to fit all wall mounted enclosure dimensions. To secure the door in an open position to the degree that meets user requirements. Door stop can be mounted at the top or bottom of the enclosure. Machining is required. Minimum enclosure width ≥ 300 mm.
Pack quantity:	1 piece with mounting accessories.

Material	Item no.
3 mm thick zinc plated steel	ADO202
2.5 mm stainless steel AISI 316L	ADO202S

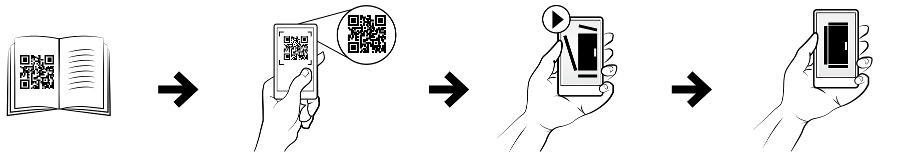


Door switch, ADSW



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 / 240 V.
Approvals:	CE, cCCSAus, CCC.
Pack quantity:	1 piece with mounting accessories.

Item no.
ADSW01



Wall Mounted Enclosures

Steel Range

Accessories

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

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.
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.
Material:	1.5 mm galvanized steel.
Pack quantity:	5 pieces with mounting accessories.
Mounting requirements:	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.

For enclosure	
W	Item no.
300	DHP030
400	DHP040
500	DHP050
600	DHP060
800	DHP080

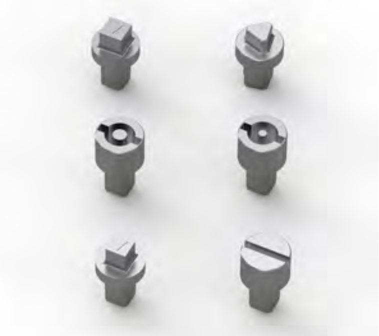
Not suitable for AFS.

Wall Mounted Enclosures

Steel Range

Accessories

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
Triangular 8 mm	ALIS524
Square 8 mm	ALIS525
Slotted 2x4 mm	ALIS528

Not suitable for AFS.

Locks, ALL

Description:	Alternative locks to replace the standard one.
Pack quantity:	1 piece.

Description	Type	Protection	Compatibility	Item no.
ADA lock with cylinder	Ronis key n° C21323	IP 65	ADA	ALL506
ADAB lock with cylinder	Ronis key n° C21323	IP 65	ADAB	ALL507
Chrome plated lock with cylinder	Ronis key n° M21323	IP 65		ALL508
Polyamide lock with cylinder	Key 5333	IP 55		ALL509
Lock with cylinder	Ronis key n° C21323	IP 65		ALL510N

Not suitable for AFS.

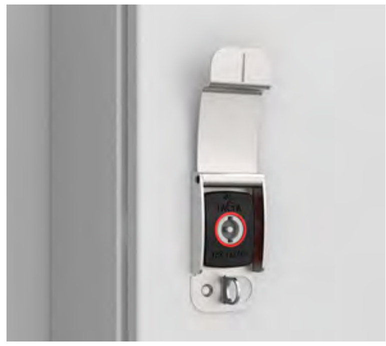
Double-bit 3 mm stainless steel locks, ALLS

Description:	Stainless steel double-bit 3 mm lock.
Pack quantity:	1 piece.

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

Not suitable for AFS.

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

Other locking options available, please contact our sales representative. Not suitable for AFS.

Keys, LSK

Description:	Key with nVent HOFFMAN 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

Wall Mounted Enclosures

Steel Range

Accessories

Multi key, LSMK

Description:	Multi-Key function with nVent HOFFMAN 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

Wall mounted combining kit, CK

Description:	Wall mounting combining kit is to be used for baying 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.

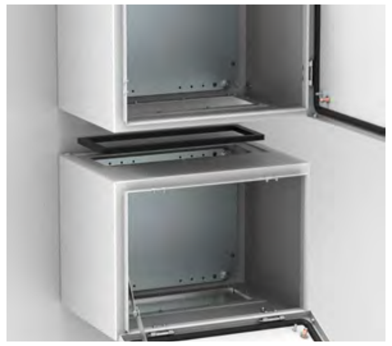
Item no.
CK01

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 bay gland plate openings together.
Material:	8 mm polyethylene foam.
Pack quantity:	2 pieces, and combination mounting accessories.

For opening	Gland plate type	Item no.
310 x 96	2	AGC02
410 x 96	3	AGC03
510 x 96	4	AGC04



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 Enclosures
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	Gland plate type	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

Gland plate gaskets, AG

Description:	For standard gland plate opening.
Material:	4 mm polyethylene foam.
Pack quantity:	1 piece.

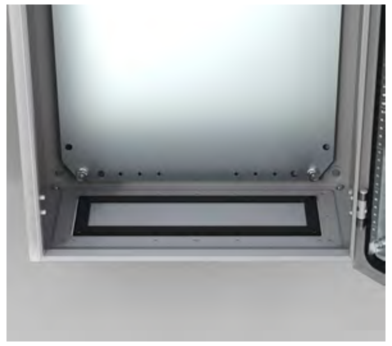
For opening	Gland plate type	Item no.
110 x 56	0S	AG00S
210 x 56	1S	AG01S
310 x 56	2S	AG02S
410 x 56	3S	AG03S
210 x 96	1	AG01
310 x 96	2	AG02
410 x 96	3	AG03
510 x 96	4	AG04

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	Gland plate type	Item no.
210 x 96	1	AFR01R5
310 x 96	2	AFR02R5
410 x 96	3	AFR03R5
510 x 96	4	AFR04R5

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	Gland plate type	Item no.
210 x 96	1	AFV01R5
310 x 96	2	AFV02R5
410 x 96	3	AFV03R5
510 x 96	4	AFV04R5

Wall Mounted Enclosures
Steel Range
Accessories

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	Gland plate type	Item no.
210 x 96	1	AFG01R5
310 x 96	2	AFG02R5
410 x 96	3	AFG03R5
510 x 96	4	AFG04R5

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	Gland plate type	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

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 AFA. Please see the cable management section.
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.

For opening	Item no.
FL21	EHTC2125G
FL21	EHTC213G
FL21	EHTC2135G
FL21	EHTC2150G

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	M16	M20	M25	M32	Gland plate type	Item no.
210 x 56	4	3	_	_	1S	AFK11SR5
310 x 56	6	3	1	_	2S	AFK21SR5
410 x 56	9	4	1	_	3S	AFK31SR5
210 x 96	4	5	2	2	1	AFK11R5
210 x 96	12	_	1	1	1	AFK12R5
310 x 96	9	5	4	2	2	AFK21R5
310 x 96	21	_	1	1	2	AFK22R5
410 x 96	18	5	4	2	3	AFK31R5
410 x 96	21	10	_	_	3	AFK32R5
510 x 96	27	5	4	2	4	AFK41R5
510 x 96	18	14	3	1	4	AFK42R5

Wall Mounted Enclosures

Steel Range

Accessories

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:	-20ºC to +100ºC.
Flammability:	V-2 according to UL94.
Finish:	RAL 7035.
Protection:	IP 66

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 ºC to +125 ºC.
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

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 ºC to +110 ºC.
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 ºC to +125 ºC.
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

Wall Mounted Enclosures

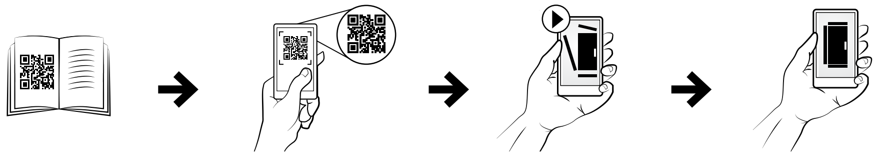
Steel Range

Accessories

Earthing cables, ECFA

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

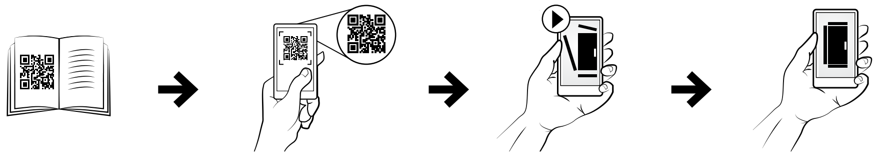
Length	Connection size	Item no.
220 mm	M6 / M8	ECFA220
300 mm	M8 / M8	ECFA300



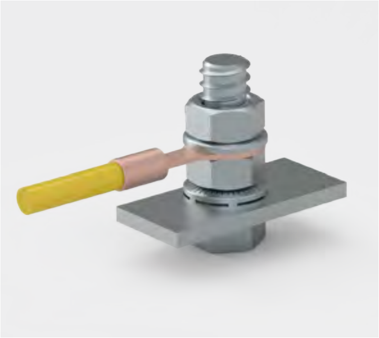
Earthing straps, ECFE

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 105ºC.
Pack quantity:	10 pieces.
Mounting requirements:	Add ECF connection set for fixing strap to painted frame.

Cross sectional area	Holes diam.	Current (A)	Item no.
16 mm²	8.5	120 A	ECFE1630
25 mm²	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.

Bolt size	Item no.
M6	ECP06
M8	ECP08

Wall Mounted Enclosures
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:	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. The ARF is not compatible with 180º MMH hinges.

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:	400 pre-grained stainless steel.
Pack quantity:	1 rain hood with mounting material.
Additional information:	ASST is not compatible with 180º MMHS hinges.

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

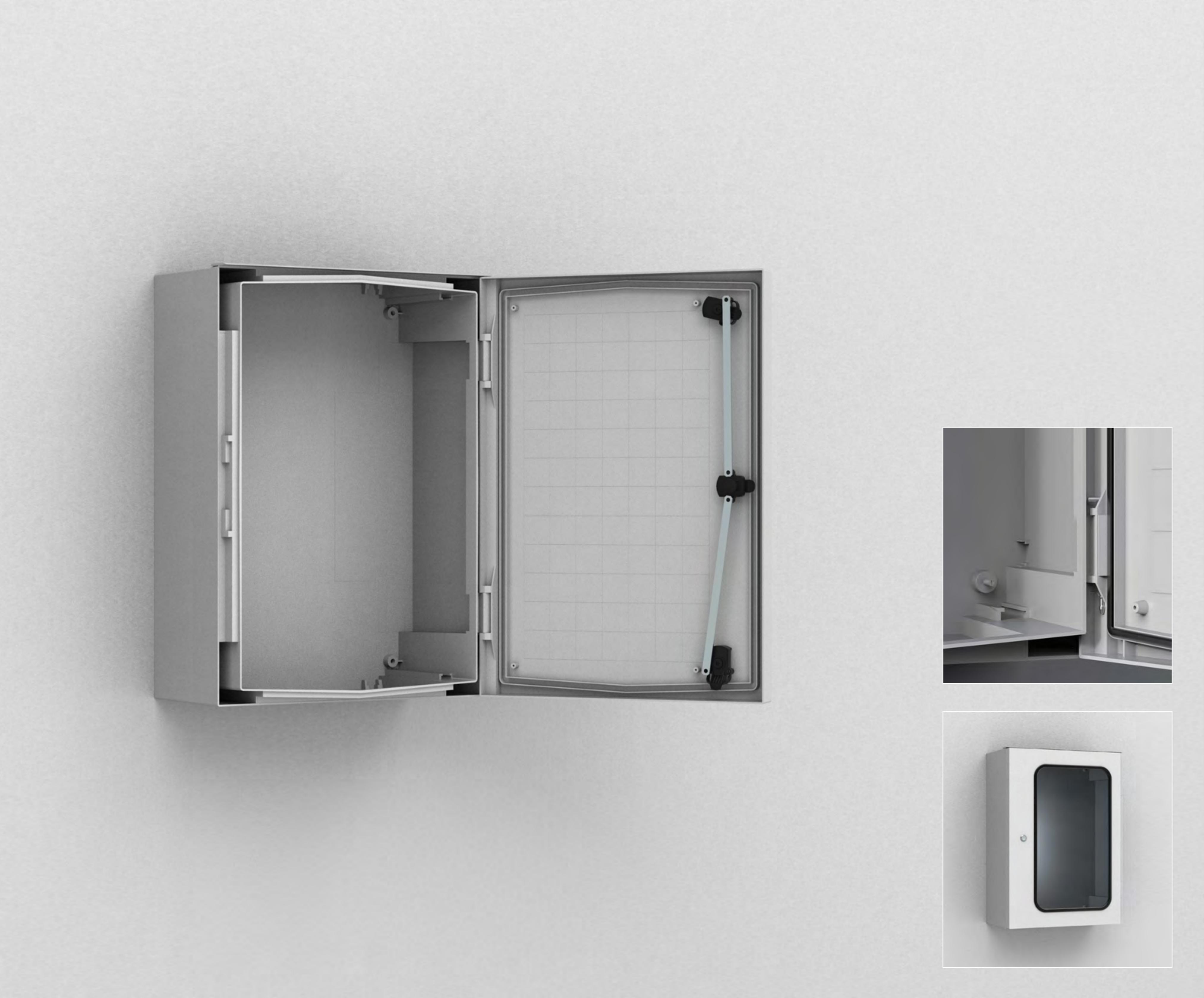
Not suitable for AFS.

Wall Mounted Enclosures

Polyester Range | Polyester

Compact, Plain / Transparent door | UCP/UCPT

IP 66 | TYPE 4, 4X, 12, 13 | IK 08 / 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:
-25 °C to 70 °C in continuous use (peak temperatures up to 130 °C).

Characteristics:
Self extinguishing and halogen free. Double insulated, according to EN61439-1. Rated insulation voltage Ui=1000V.

Protection:
IP 66 | TYPE 4, 4X, 12, 13 and IP 65 only for UCPT430. Impact resistance IK 08 (IK 07 for enclosures with transparent door).

Approvals:
CE, GOST. CSA and cULus_UL Listed approvals apply to plain door enclosures only. For further approvals, please contact nVent HOFFMAN'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.

Note:
UCP320, UCP430 and UCP540 are delivered with the doors inside the packaging, unmounted.

Dimensional table | UCP/UCPT

IP 66 | TYPE 4, 4X, 12, 13 | IK 08 / 07

Plain door

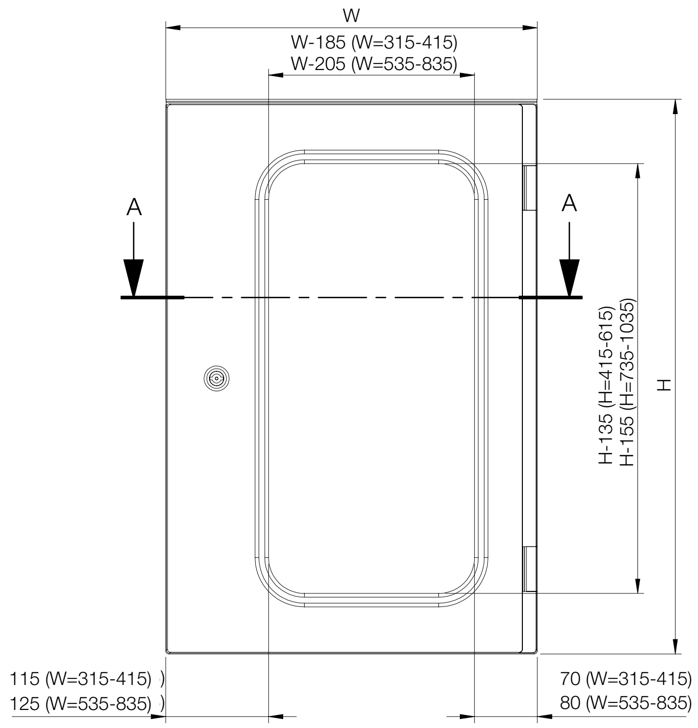
Enclosure dimensions				
H	**W**	**D**	**N° of locking points**	**Item no.**
315	215	170	1	UCP320
415	315	170	1	UCP430
515	415	230	3	UCP540
615	415	230	3	UCP640
735	535	270	3	UCP750
835	635	300	3	UCP860
1035	835	300	3	UCP1080

Transparent door

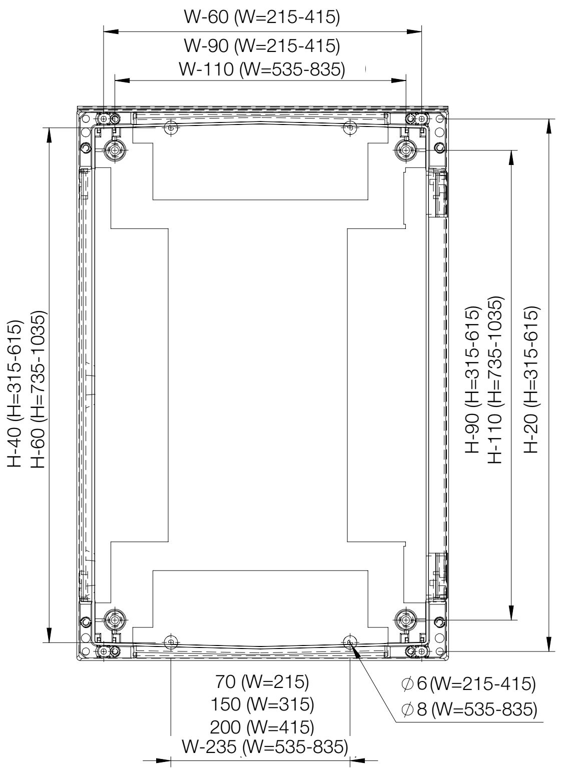
Enclosure dimensions				
H	**W**	**D**	**N° of locking points**	**Item no.**
415	315	170	1	UCPT430
515	415	230	3	UCPT540
615	415	230	3	UCPT640
735	535	270	3	UCPT750
835	635	300	3	UCPT860
1035	835	300	3	UCPT1080

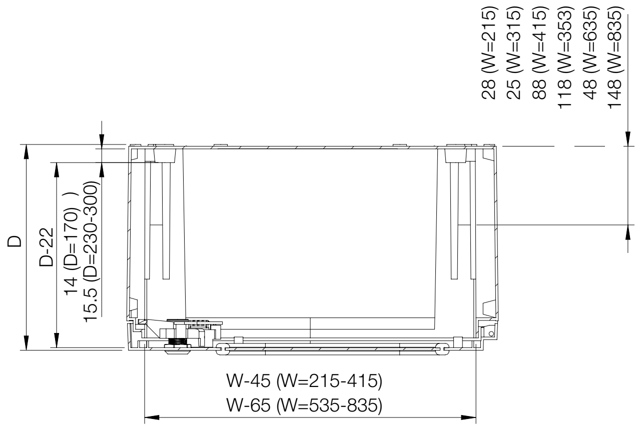
Dimensional drawing | UCP/UCPT

Front view

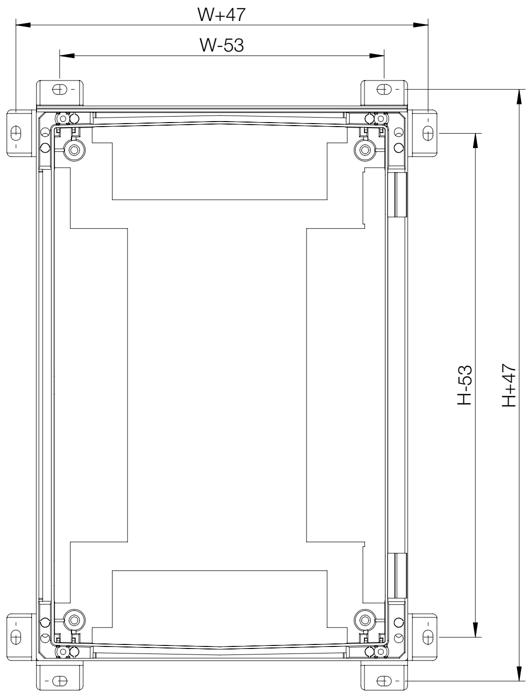

W
W-185 (W=315-415)
W-205 (W=535-835)
A
A
H-135 (H=415-615)
H-155 (H=735-1035)
H
115 (W=315-415)
125 (W=535-835)
70 (W=315-415)
80 (W=535-835)

Inside enclosure view


W-60 (W=215-415)
W-90 (W=215-415)
W-110 (W=535-835)
H-40 (H=315-615)
H-60 (H=735-1035)
H-90 (H=315-615)
H-110 (H=735-1035)
H-20 (H=315-615)
70 (W=215)
150 (W=315)
200 (W=415)
W-235 (W=535-835)
⌀6 (W=215-415)
⌀8 (W=535-835)


28 (W=215)
25 (W=315)
88 (W=415)
118 (W=353)
48 (W=635)
148 (W=835)
D
D-22
14 (D=170)
15.5 (D=230-300)
W-45 (W=215-415)
W-65 (W=535-835)

SECTION A-A


W+47
W-53
H-53
H+47

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

Enclosure				**Mounting**			
	H	**W**	**D**	**Mounting frame**	**Cover plate with cut-outs**	**Plain cover plate**	**Hinge support**
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	UFCP1080	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 Enclosures

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		
H	W	h	w	Item no.
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-C

Description: Insulated mounting plate for UCP/UCPT enclosures.

Material: Hard paper 5 mm.

Pack quantity: 1 piece.

For enclosure		Mounting plate dimensions		
H	W	h	w	Item no.
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

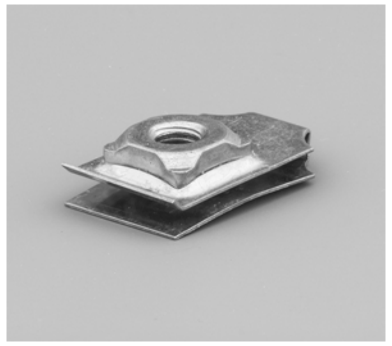
Description: Telequick mounting plate for UCP/UCPT enclosures.

Material: 1.5 mm perforated steel.

Pack quantity: 1 piece.

For enclosure		Mounting plate dimensions		
H	W	h	w	Item no.
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.
M 4	TN04
M 5	TN05
M 6	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 Enclosures

Polyester Range

Accessories

Cover plate with DIN cut-outs, UFCP-D

Description:	Front cover plate with cut-outs for DIN components. Distance between UFCP and enclosure door: 39 mm; 49 mm for UCP750 and above. Reversible mounting position, to increase the distance between UFCP and enclosure door by 30 mm. 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			
H	**W**	**d**	**N° of modules**	**N° of rows**	**Item no.**
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-I

Description:	Frame to be covered with individual cover plates UICP. For enclosures 600 and 800 mm wide it has 2 columns. Distance between UFCP and enclosure door: 39 mm; 49 mm for UCP750 and above. Reversible mounting position, to increase the distance between UFCP and enclosure door by 30 mm.
Material:	Polyester.
Finish:	RAL 7035.
Delivery:	Frame, supporting brackets, one quarter turn fasteners and mounting accessories.

For enclosure				
H	**W**	**Frame**	**N° Individual cover plates**	**Item no.**
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 UFCP, the height of the cover is 150 mm.
Material:	PVC.
Finish:	RAL 7035.
Delivery:	1 piece with mounting accessories.

For enclosure		Cover plate dimension		
H	**W**	**h**	**w**	**Item no.**
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-S

Description:	Individual slotted cover plate to be mounted in the frame UFCP, the height of the cover is 150 mm.
Material:	PVC.
Finish:	RAL 7035.
Delivery:	1 piece with mounting accessories.

For enclosure		Cover plate dimension			
H	**W**	**h**	**w**	**N° of modules**	**Item no.**
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 Enclosures
Polyester Range
Accessories

Plain full cover plate, UFCP

Description:	Plain front cover plate to protect the equipment mounted in the enclosure. Distance between UFCP and enclosure door: 39 mm; 49 mm for UCP750 and above. Reversible mounting position, to increase the distance between UFCP and enclosure door by 30 mm. The cover plate can be hinged using the UHS accessory, allowing 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		
H	**W**	**h**	**w**	**Item no.**
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 UFCP closed cover plate if a hinged inner door is required.
Delivery:	2 pieces with mounting accessories.
Additional information:	Not compatible with reversible mounting position of UFCP.

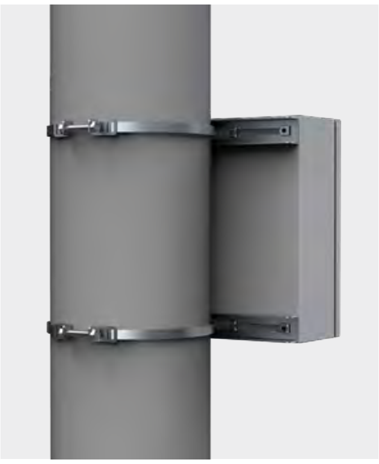
Item no.
UHS01

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-C



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)		
UCP	**UDP**	**Item no.**
315		EPF0300
415	500 in horizontal position	EPF0400
535		EPF0500
635	500 in horizontal position, 750 in vertical position	EPF0600
835		EPF0800

Handles, UDH

Description:	Handle to replace the standard lock in UCP/UCPT enclosures. For the handle UDH2C, UDH2CS and UDH3C, machining is required. UDH1C is supplied with 2 keys.
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.

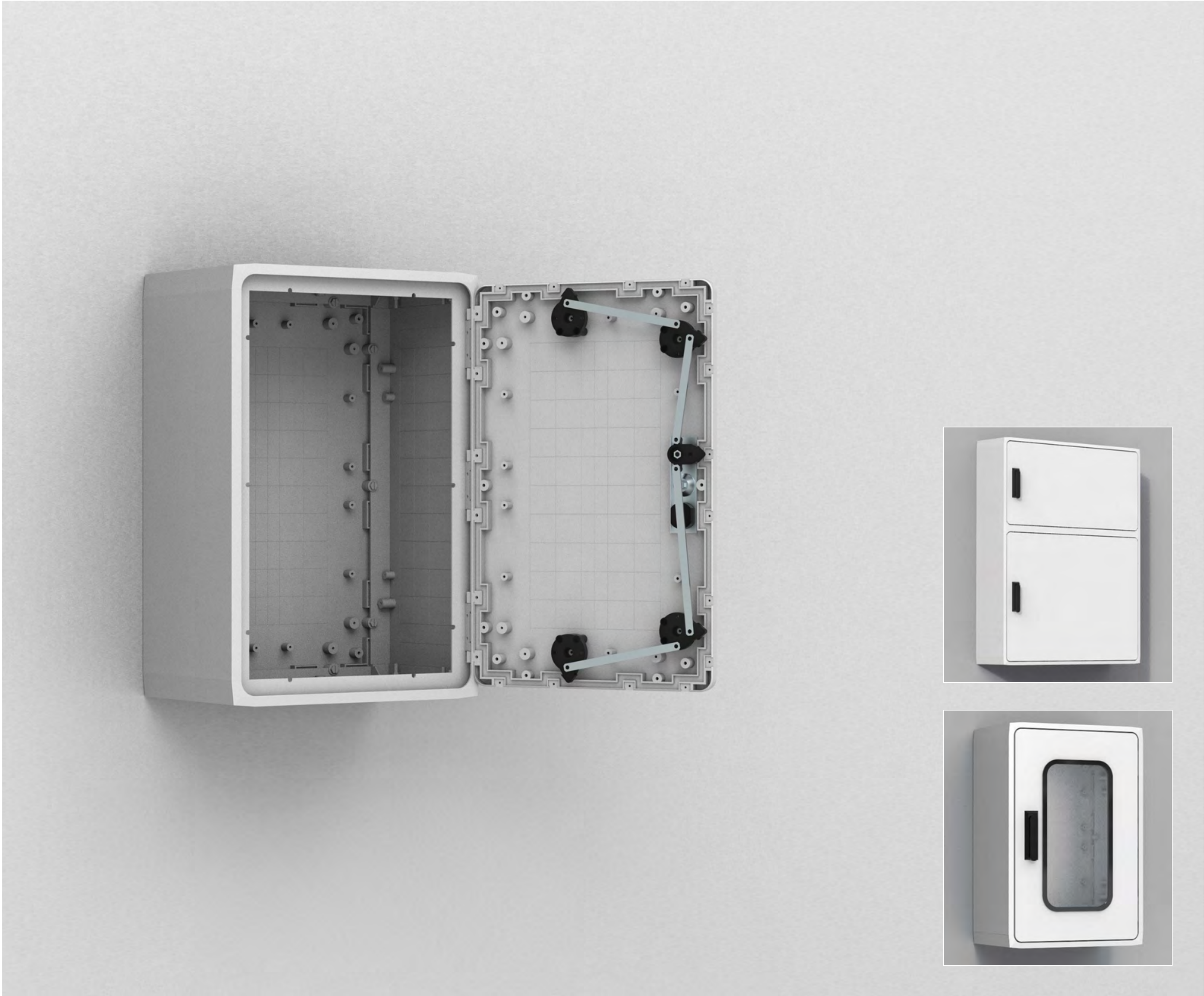
Item no.
UPVD01

Wall Mounted Enclosures

Polyester Range | 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, 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 a neoprene 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:
-25 °C to 70 °C in continuous use (peak temperatures up to 130 °C).

Characteristics:
Self extinguishing and halogen free. Double insulated, according to EN61439-1. Rated insulation voltage Ui=1000V.

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. cULus_UL Listed for single door enclosures. For further approvals, please contact nVent HOFFMAN'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).

CE UK CA

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 double door

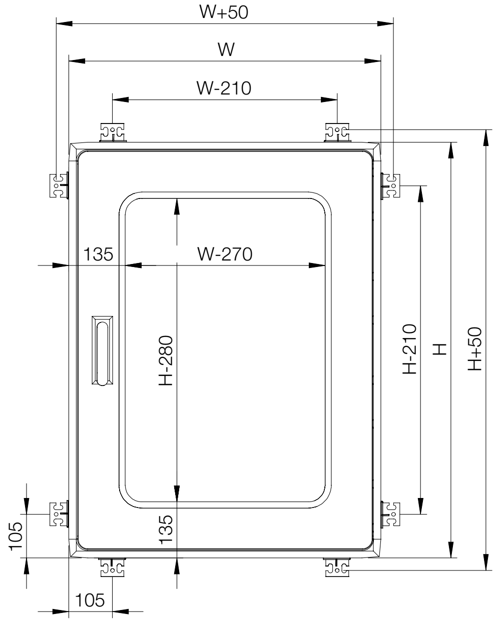
Enclosure dimensions				
H	**W**	**D**	**N° of doors**	**Item no.**
750	500 + 750	320	2	UDP75125
1000	500 + 500	320	2	UDP100102
1000	500 + 750	320	2	UDP100125
500 + 750	1000	320	2	UDP125100
500 + 750	1000	320	2	UDP125102

Transparent door

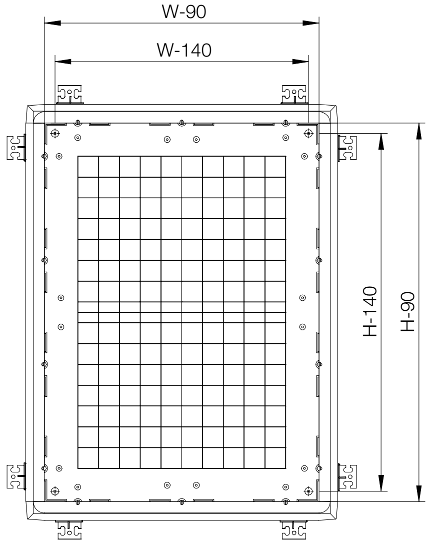
Enclosure dimensions				
H	**W**	**D**	**N° of doors**	**Item no.**
500	500	320	1	UDPT5050
500	750	320	1	UDPT5075
750	500	320	1	UDPT7550
750	750	320	1	UDPT7575
1000	500	320	1	UDPT10050
1000	750	320	1	UDPT10075
1250	750	320	1	UDPT12575

Dimensional drawing | UDP/UDPT

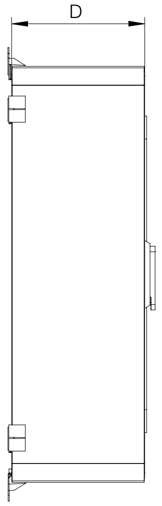
Front view


W+50
W
W-210
135
W-270
H-280
135
105
105
H-210
H
H+50

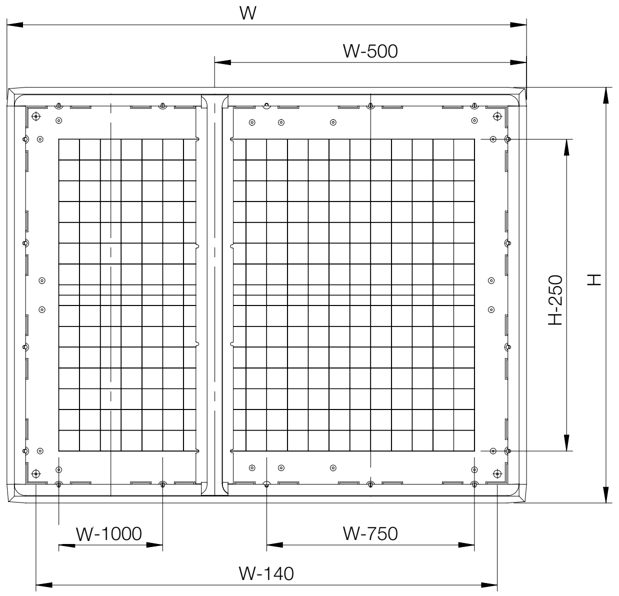
Front view
(without doors)


W-90
W-140
H-140
H-90

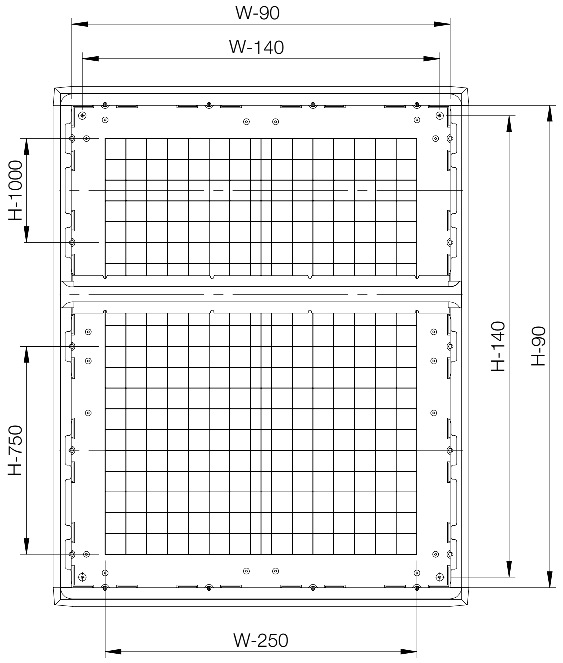
Side view



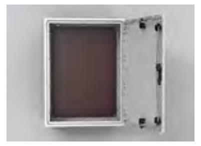
Front view W=1250
(without doors)


W
W-500
H-250
H
W-1000
W-750
W-140

Front view H=1250
(without doors)


W-90
W-140
H-1000
H-750
H-140
H-90
W-250

Accessories selection matrix | UDP/UDPT

						
Enclosure				**Mounting**		
	H	**W**	**D**	**Steel mounting plate**	**Insulated mounting plate**	**Mounting profiles**
UDP5050	500	500	320	UMPZ5050	UMPP5050	UMF500
UDP5075	500	750	320	UMPZ5075	UMPP5075	UMF500
UDP7550	750	500	320	UMPZ5075	UMPP5075	UMF750
UDP7575	750	750	320	UMPZ7575	UMPP7575	UMF750
UDP75100	750	1000	320	UMPZ75100	UMPP75100	UMF750
UDP10050	1000	500	320	UMPZ100500	UMPP10050	UMF1000
UDP10075	1000	750	320	UMPZ75100	UMPP75100	UMF1000
UDP100100	1000	1000	320	UMPZ100100	UMPP100100	UMF1000
UDP12575	1250	750	320	UMPZ75125	UMPP75125	UMF1250
UDP75125	750	500 + 750	320	UMPZ75125	UMPP75125	UMF750
UDP100102	1000	500 + 500	320	UMPZ100100	UMPP100100	UMF1000
UDP100125	1000	500 + 750	320	UMPZ100125	UMPP100125	UMF1000
UDP125100	500 + 750	1000	320	UMPZ100125	UMPP100125	UMF1250
UDP125102	500 + 750	1000	320	UMPZ100125	UMPP100125	UMF1250
UDPT5050	500	500	320	UMPZ5050	UMPP5050	UMF500
UDPT5075	500	750	320	UMPZ5075	UMPP5075	UMF500
UDPT7550	750	500	320	UMPZ5075	UMPP5075	UMF750
UDPT7575	750	750	320	UMPZ7575	UMPP7575	UMF750
UDPT10050	1000	500	320	UMPZ100500	UMPP10050	UMF1000
UDPT10075	1000	750	320	UMPZ75100	UMPP75100	UMF1000
UDPT12575	1250	750	320	UMPZ75125	UMPP75125	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
UDPT10050	1000	500	320	EPF0400/EPF0600	-	-	UPP5032
UDPT10075	1000	750	320	EPF0600	UAF7532	UMPS7532	UPP7532
UDPT12575	1250	750	320	EPF0600	UAF7532	UMPS7532	UPP7532

Enclosure				**Doors**		**Protection**	**Ventilation**	**Baying**
	H	**W**	**D**	**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	-	UDS01/UDS02	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
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 Enclosures
Polyester Range
Accessories

Steel mounting plate, UMPZ-M

Description:	Steel mounting plate for UDP/UDPT enclosures.
Material:	2 mm galvanized steel.
Pack quantity:	1 piece.

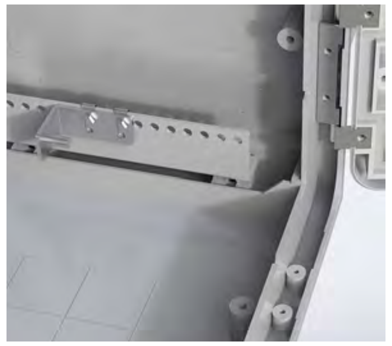
For enclosure		Mounting plate dimensions		
H or W	**W or H**	**h or w**	**w or h**	**Item no.**
500	500	390	390	UMPZ5050
500	750	640	390	UMPZ5075
750	750	640	640	UMPZ7575
750	1000	890	640	UMPZ75100
750	1250	1140	640	UMPZ75125
1000	500	390	890	UMPZ100500
1000	1000	890	890	UMPZ100100
1000	1250	1140	890	UMPZ100125

Insulated mounting plate, UMPP

Description:	Insulated mounting plate for UDP/UDPT enclosures.
Material:	Hard paper 5 mm.
Pack quantity:	1 piece.

For enclosure		Mounting plate dimensions		
H or W	**W or H**	**h or w**	**w or h**	**Item no.**
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

Depth adjustment kit, UPD



Description:	To provide depth adjusment 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.

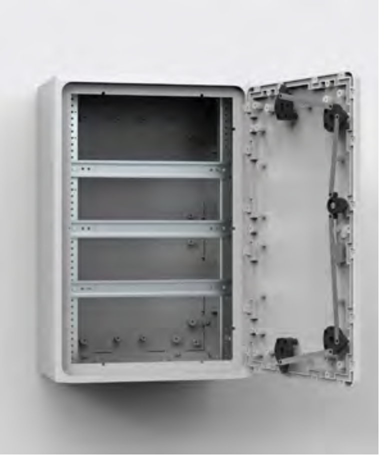
Item no.
UPD01

Wall Mounted Enclosures

Polyester Range

Accessories

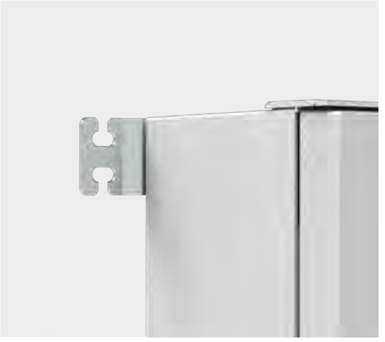
Adjustable vertical mounting profiles, UMF-A



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

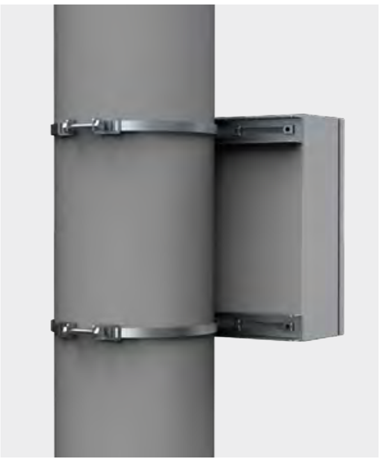
Wall mounting brackets for enclosures with rain hood, UWB



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-M



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.

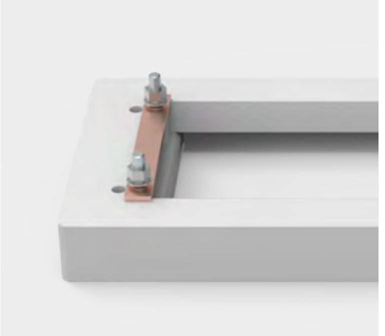
For Enclosure (W)		
UCP	**UDP**	**Item no.**
415	500 in horizontal position	EPF0400
635	500 in horizontal position, 750 in vertical position	EPF0600

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 Enclosures

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. Distance between UID and enclosure door: 48 mm.
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

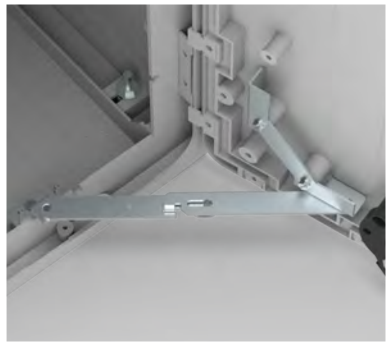
Profile half cylinder locks, LSSU

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

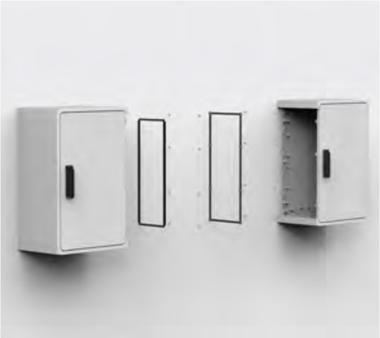


Description:	To secure the door/panel in an open position. Mounted directly to the door and body. Machining is not required.
Material:	Steel.
Delivery:	1 piece with mounting accessories.

Description	**Item no.**
Left turning	UDS01
Right turning	UDS02

Valid for enclosures starting with 750 mm width.

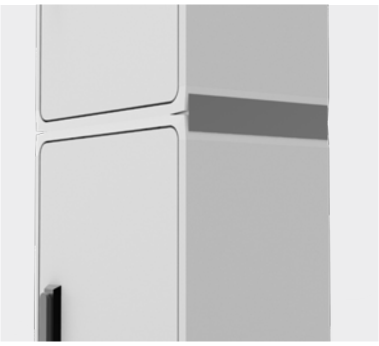
Combining kit, UCK



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		**Opening**		
H or W	**D**	**h or w**	**d**	**Item no.**
500	320	330	200	UCK500
750	320	580	200	UCK750
1000	320	830	200	UCK1000
1250	320	1080	200	UCK1250

Corner profile, UCP



Description:	Fills the corner between two coupled enclosures. Length: 308 mm.
Finish:	RAL 7035.
Delivery:	1 piece.

Item no.
UCP01

Wall Mounted Enclosures

Polyester Range

Accessories

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

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

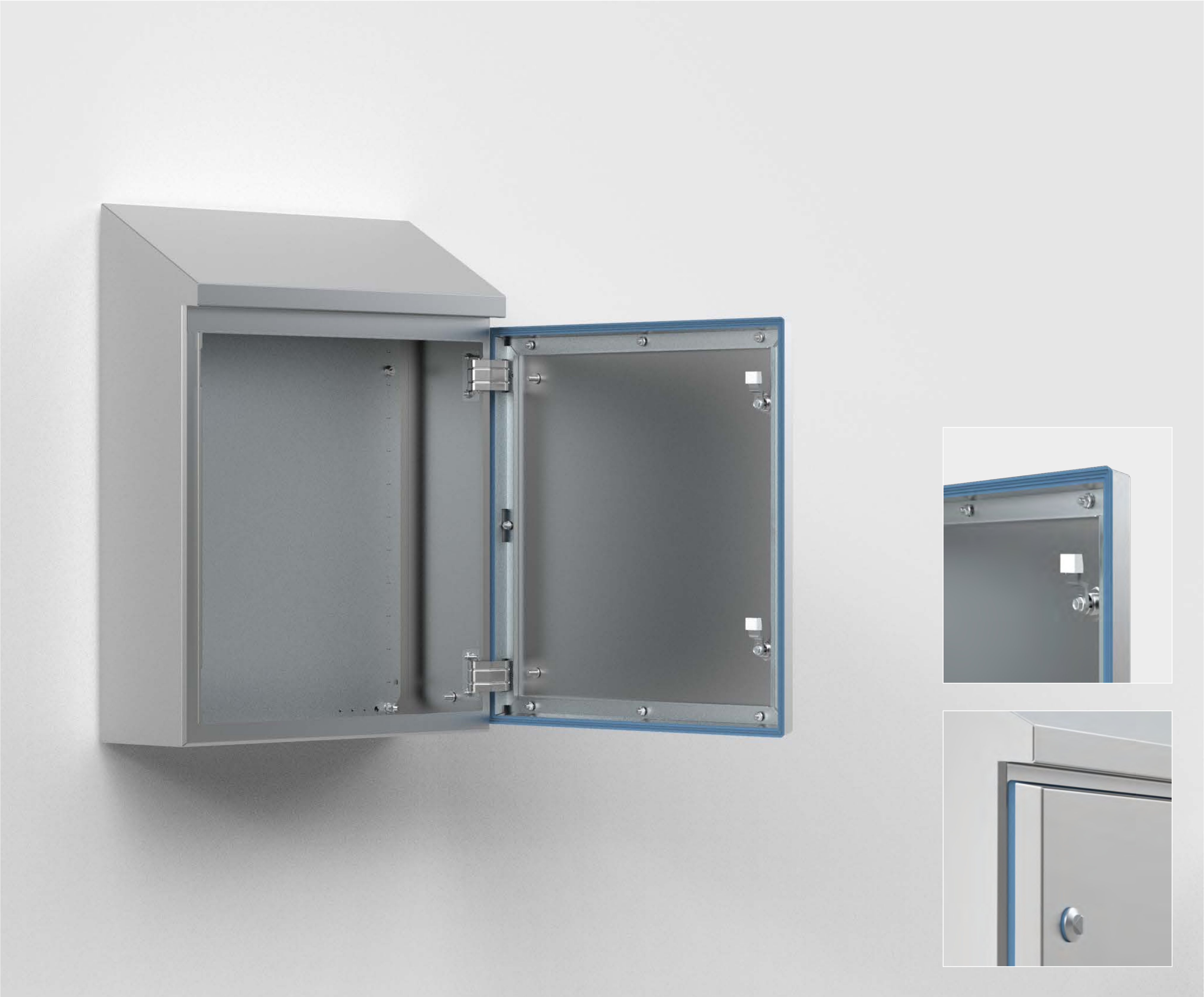
Rain hood, URH

Description:	Extra protection for outdoor use. Ventilation holes can be drilled in the top of the enclosure. 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.
Mounting requirements:	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.

For enclosure	
W	**Item no.**
500	URH5032
750	URH7532
1000	URH10032
1250	URH12532

Wall Mounted Enclosures
Hygienic Design Range | Stainless Steel
Single door | HDW

IP 66/69/69K | TYPE 4X, 12, 13 | IK08



Material:
Body: 1.5 mm. Door: 2 mm. AISI 304L 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 towards the front, ending with a 30 mm overhang to avoid any draining liquids from dripping onto the gasket and the door.

Door:
Folded with a sloping angle of 8° on all sides. Surface mounted with 120° opening. Concealed zinc plated steel hinges with captive pin. Can be mounted to give left or right hand opening (machining is not required).

Internal hinge:
The door hinge has been especially designed to fit concealed inside the enclosure once the door is closed, avoiding dirt deposits that would accumulate if it were outside, thus making the enclosure easy to clean.

Gasket:
Sealing is ensured by a one piece removable blue silicone gasket with molded corners. The silicone is FDA 21 CFR 177.2600 compliant.

Lock:
HD lock made of stainless steel AISI 316L with blue silicone gasket, the lock conforms with norm DIN EN 1672-2:2009.

Mounting plate:
Fixed onto M8 studs welded on the rear of the enclosure. All sides from 800 mm and above are strengthened by folded edges. The mounting plate is marked vertically at 10 mm intervals for easy horizontal positioning of equipment.

Cable access:
No gland openings as standard to avoid hygiene risks.

Protection:
Corresponds with IP 66/69/69K | TYPE 4X, 12, 13 | IK08.

Finish:
400 Pre-grained stainless steel, polished to Ra < 0.8 µm.

Delivery:
Enclosure with door, mounting plate, metallic key and mounting accessories.

Additional information:
For accessories on the outside of the enclosure please see our HD accessories section.

Dimensional table | HDW

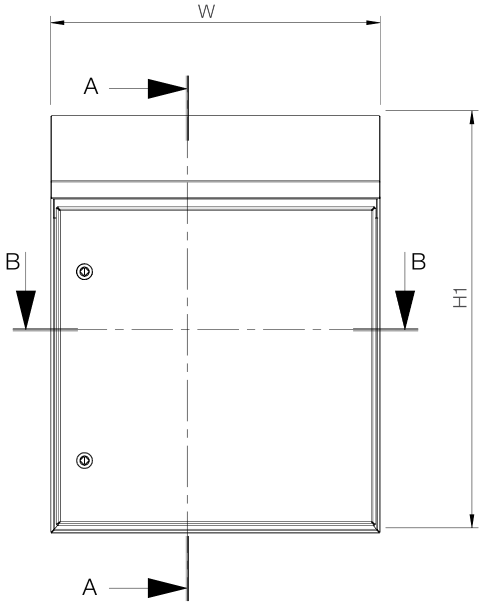
IP 66/69/69K | TYPE 4X, 12, 13 | IK08

H Plinth	H1	W	D	h	w	Item no.
350	442	220	155	350	160	HDW0442215
430	552	390	210	430	330	HDW0553921
430	552	810	210	430	750	HDW0558121
430	605	610	300	430	550	HDW0606130
550	672	510	210	550	450	HDW0675121
650	772	390	210	650	330	HDW0773921
650	772	610	210	650	550	HDW0776121
650	825	810	300	650	750	HDW0828130
1050	1225	810	300	1050	750	HDW1228130
1250	1425	810	300	1250	750	HDW1428130

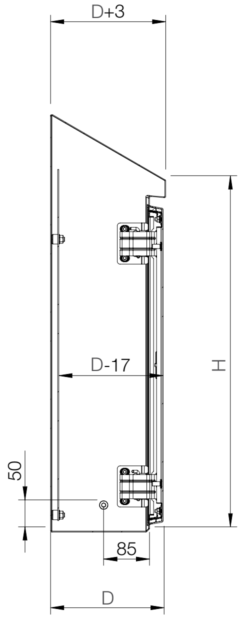
Southfield Street, NELSON, La
Tel+44(0)1282 440040 Fax
e-mail:sales@autopack.co.uk
websi
A

Dimensional drawing | HDW

Front view

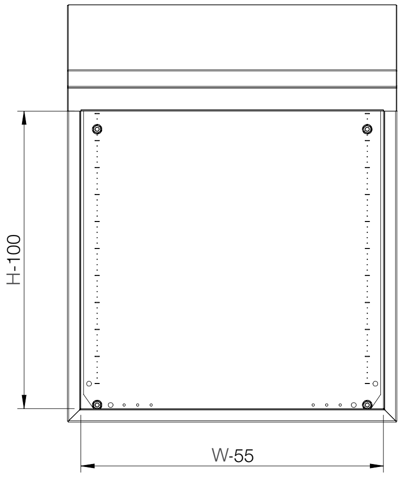


Sectional side view

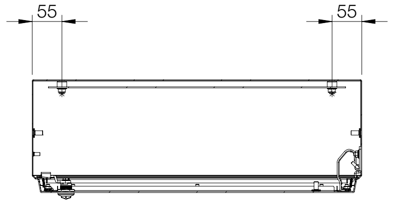

D+3
D-17
H
50
85
D

SECTION A-A

Inside enclosure view

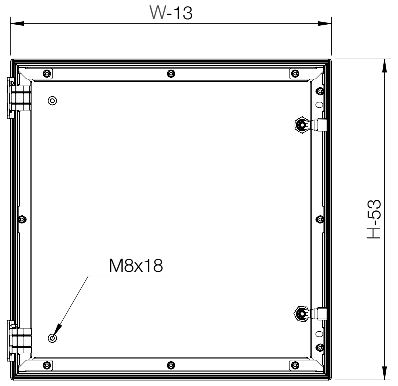


Sectional top view

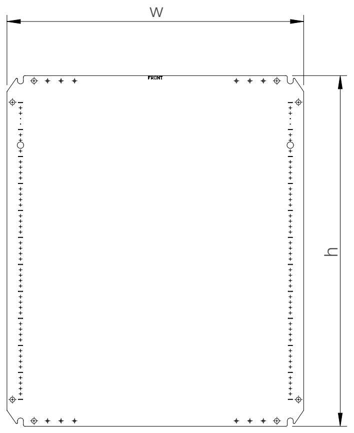


SECTION B-B

Inside door view


W-13
H-53
M8x18

Mounting plate view



Wall Mounted Enclosures

Hygienic Design Range

Accessories

Depth interior profile for HDW, DIPH

Description:	The DIPH profile system is a 40 mm wide and 25 mm high profile to be mounted on the sides and base of HDW range enclosures. It has two rows of hole patterns and can be used in combination with the CLPK and CLPF profiles. No machining is required.
Material:	Zinc plated Steel.
Pack quantity:	4 profiles with mounting accessories.

For enclosure		
D	**Max. loading**	**Item no.**
210	150 N	DIPH210
300	150 N	DIPH300

Wall mounting brackets HD, 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. Machining required. Design according to EHEDG standards.
Material:	AISI 304 stainless steel. Sealing in FDA approved silicone.
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. Machining required. Design according to EHEDG standards.
Material:	AISI 304 stainless steel. Sealing in FDA approved silicone.
Pack quantity:	4 pieces with mounting accessories.

Total height	Max. height	Min. height	Item no.
178 mm	140 mm	104 mm	LFHD04

Door switch for HDW, HDSW

Description:	Door switch to activate any electrical device (lighting, signalling, alarms, etc.) designed for HDW range of wall mounted enclosures. No machining is required.
Switch capacity:	3 A / 240 V
Approvals:	CE, UKCA, cCCSAus, CCC.
Pack quantity:	1 piece with mounting instructions.
Additional information:	Minimum enclosure depth 210 mm.

Item no.
HDSW01

Cable glands HD, CGHD

Description:	Hygienic design cable fittings. Known for excellent strain relief even while providing higher protection class. Machining required. Design according to EHEDG standards.
Material:	AISI 303 stainless steel. Sealing in FDA approved silicone.
Protection:	IP 69.
Pack quantity:	5 pieces, locknut included.

Thread	Cable Size	Item no.
M12 x 1.5	3 - 6.5	CGHD12
M16 x 1.5	5 - 10	CGHD16
M20 x 1.5	6 - 12	CGHD20
M25 x 1.5	12 - 17	CGHD25

Wall Mounted Enclosures

EMC Range | Galvanized Steel

Single door | MASE

IP 54 | TYPE 12 | IK 10

Material:

Body: 1.2 mm zinc plated steel / 1.5 mm MASE0606021R5 and above. Door: 1.2 mm zinc plated steel / 1.5 mm MASE0606021R5 and above / 2 mm MASE1006030R5 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 × 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 on to 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, to ensure maximum EMI protection.

Earthing:

The door is earthed by means of a separate earthing stud M8.

Finish:

RAL 7035 structured powder coating on the outside only.

Protection:

IP 54 | TYPE 12 | IK 10.

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.

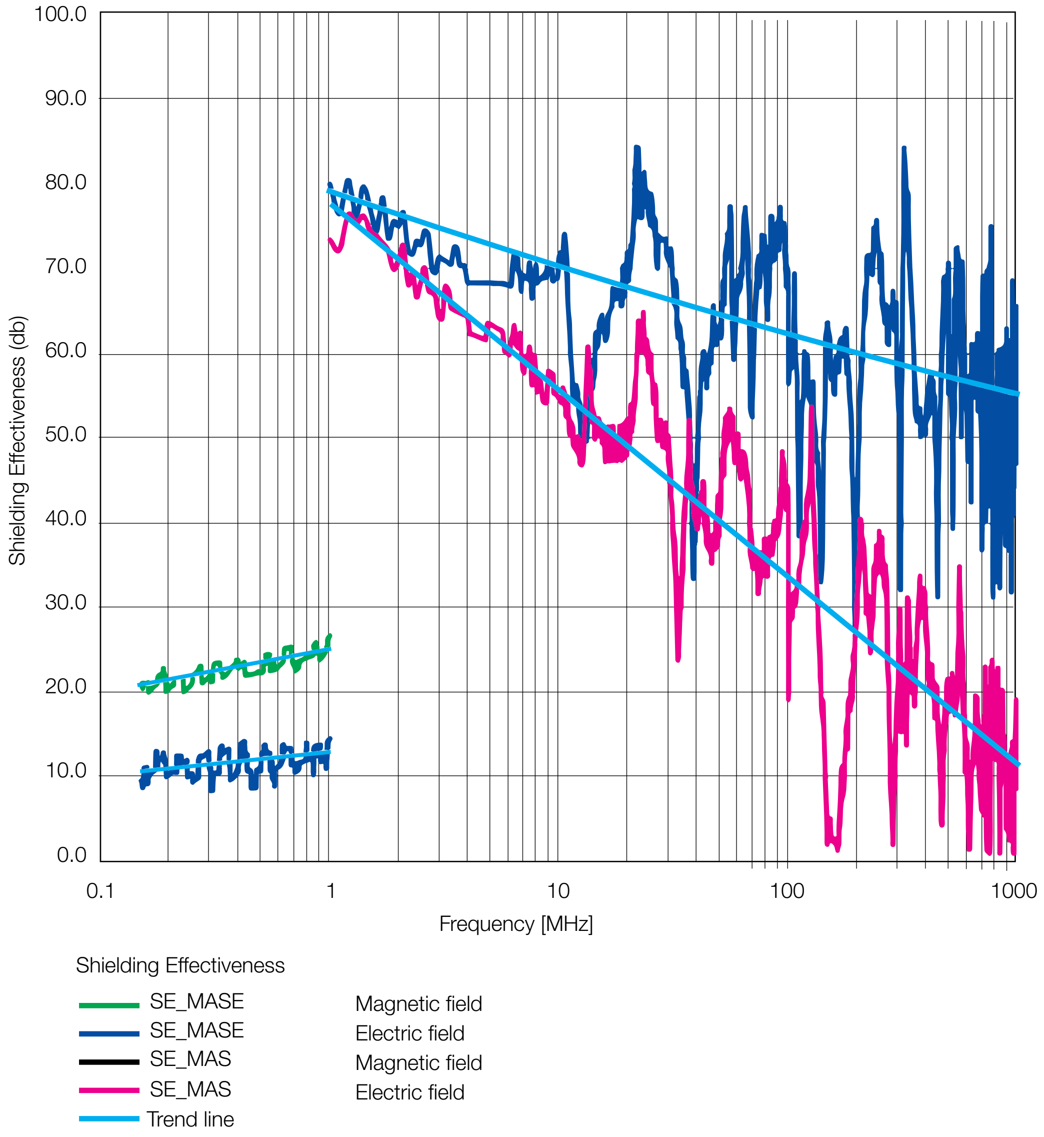
Dimensional table | MASE

IP 54 | TYPE 12 | IK 10

Enclosure dimensions			Mounting plate dimensions		Usable depth		
H	W	D	h	w	d	N° of locks	Item no.
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 as an EMC version on request. MASE: From 200/200/155 mm to 1200/800/400 mm. e.g. MASE0606021R5, EMC single door enclosure 600 × 600 × 210 mm. For more details please see MAS table.

Dimensional drawing | MASE



Wall Mounted 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.

230 V AC, 50/60 Hz

Unimpeded airflow (m³/h)	EFE+EFAE Air flow (mÂ³/h)	Filter mat (EN779)	Filtration efficiency (%)	Service life L10 (40°C)(h)	Bearing type	Item no.
61/70	44/52	G4	>90	37.500	Sleeve	EFE200R5
110/125	82/93	G4	>90	37.500	Sleeve	EFE220R5
156/171	116/127	G4	>90	40.000	Ball	EFE250R5
256/292	231/265	G4	>90	40.000	Ball	EFE300R5
480/480	370/370	G3	80-90	40.000	Ball	EFE500R5
640/653	445/445	G3	80-90	40.000	Ball	EFE600R5
845/875	560/625	G3	80-90	40.000	Ball	EFE700R5

230 V AC, 50/60 Hz

Noise (dB)	IP	Cut-out (mm)	Weight (kg)	Connection	Current (A)	Power (W)	Fuse (A)	Item no.
44	54	126,5 x 126,5	0.80	Terminal strip	0.12/0.18	19/18	6	EFE200R5
40	54	178 x 178	1.05	Terminal strip	0.12/0.18	19/18	6	EFE220R5
40	54	224 × 224	1.45	Spring type	0.12/0.10	18/17	6	EFE250R5
42	54	224 × 224	1.90	Spring type	0.32/0.26	45/39	6	EFE300R5
54	54	292 × 292	3.85	Spring type	0.35/0.45	80/100	6	EFE500R5
63	54	292 × 292	4.05	Spring type	0.53/0.72	120/160	6	EFE600R5
66	54	292 × 292	4.50	Spring type	0.62/0.86	140/197	6	EFE700R5

IP 55 on request

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.

Filter mat (EN779)	Filtration efficiency (%)	Cut out dim.	Depth	Item no.
G4	>90	126.5 x 126.5	26	EFAE200R5
G4	>90	178 x 178	34	EFAE220R5
G4	>90	224 x 224	38	EFAE250-300R5
G3	>90	292 x 292	39	EFAE500-700R5

IP 55 models on request.

Wall Mounted Enclosures
Hazardous Locations Range
ZONEX, Stainless Steel, Wall Mount Enclosures, EXE-WM

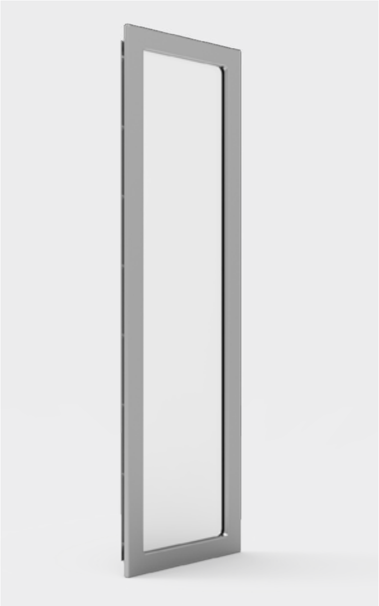
Material:	Fabricated from Type 316L stainless steel. Body: 1.5 mm / 2.0 mm for enclosures with a height of 600 mm or above. Door: 1.5 mm / 2.0 mm for enclosures with a height of 600 mm or above. Gland plate: 2.5 mm. Mounting plate: 2.0 mm galvanized steel.	
Body:	M10 brass internal/external bonding provision. 2.5 mm thick wall-mounting brackets welded on the rear. M5 threads for gland plate screws provide quick and easy installation.	
Door:	Continuous seal polyurethane gasket, operating range -40 to +70 ºC. Door opening 210º. Door is easily removed by pulling clip-style hinge pins. M6 inner grounding stud. Optional silicone gasket with operating range -55 to +180 ºC.	
Lock:	Type 316L stainless steel quarter-turn latch with double bit 3 mm insert.	
Mounting plate:	Fixed onto M8 welded studs to the rear of the enclosure. Holes to facilitate cable fixing are on the top and bottom.	
Cable access:	Fabricated and formed M5 threads for gland plate screws provide quick and easy installation. Flat gasketed.	
Protection:	IP 66 | TYPE 4, 4X, 12	
Finish:	320 grain brushed finish.	
Approvals:	ATEX Directive 94/9/EC Sira 09ATEX3224U Ex eb IIC Gb Ex tb IIIC Db IP 66 EN60079-0:2009 EN60079-7:2007 EN61241-0:2006 EN61241-1:2004	IECEx IECEx SIR 09.0099U Ex eb IIC Gb Ex tb IIIC Db IP 66 IEC 60079-0:2007-2010 IEC 60079-7:2006-2007 IEC 61241-0:2004 IEC 61241-1:2004
Delivery:	Enclosure with door, mounting plate, gland plate and mounting accessories.	
Note:	nVent HOFFMAN ATEX Ex e enclosures are not intended for use in explosion-proof or flame-proof applications.	

H	W	D	Gland plate opening width	Gland plate opening depth	Mounting Plate Height	Mounting Plate Width	Item no.
300	300	150	236,5	73,5	255	255	EXE303015SS61E
300	300	210	236,5	133,5	255	255	EXE303021SS61E
400	300	150	236,5	73,5	355	255	EXE403015SS61E
400	300	210	236,5	133,5	355	255	EXE403021SS61E
400	400	150	336,5	73,5	355	355	EXE404015SS61E
400	400	210	336,5	133,5	355	355	EXE404021SS61E
500	400	150	336,5	73,5	455	355	EXE504015SS61E
500	400	210	336,5	133,5	455	355	EXE504021SS61E
500	500	210	436,5	133,5	455	455	EXE505021SS61E
600	500	210	436,5	133,5	555	455	EXE605021SS61E
600	600	210	536,5	133,5	555	555	EXE606021SS61E
600	600	300	536,5	223,5	555	555	EXE606030SS61E
750	500	210	436,5	133,5	705	455	EXE755021SS61E
750	600	210	536,5	133,5	705	555	EXE756021SS61E
750	750	300	686,5	223,5	705	705	EXE757530SS61E
900	600	210	536,5	133,5	855	555	EXE906021SS61E

Note: enclosure with horizontal mounting brackets can be ordered by replacing SS61E with SS61HE in the item number.

Wall Mounted Enclosures
Hazardous Locations Range
Accessories

Hazardous location window kits, EXWK



Description:	Window kits are ideal for visibility of internal enclosure components. Secure sealing with silicone gasket to protect against water and dust ingress in extreme temperature applications.	
Material:	Frame: Type 316 stainless steel. Gasket: Silicone. Window: Tempered safety glass, 6 mm.	
Operating temperature:	-55 (-67) to 180 °C (356 °F).	
Protection:	IP 66 | TYPE 4, 4X, 12, 3R	
Approvals:	ATEX Directive 94/9/EC Sira 13ATEX3315U Ex e IIC Gb Ex tb IIIC Db IP 66	IECEx IECEx SIR 13.0123U Ex e IIC Gb Ex tb IIIC Db IP 66 UL 508A Component Recognized Type 4, 4X,12, 3R; File No. E61997
Pack quantity:	1 piece with mounting accessories.	

H	W	D	Viewing area height	Viewing area width	Cutout Height	Cutout Width	Item no.
191	140	36	127	76	170	119	EXWK53SS6
292	203	36	229	140	272	183	EXWK95SS6
241	343	36	178	279	211	392	EXWK711SS6
394	267	36	330	203	373	246	EXWK138SS6
241	445	36	178	381	211	424	EXWK715SS6
495	343	36	432	279	475	322	EXWK1711SS6
241	572	36	178	508	221	551	EXWK720SS6
648	445	36	584	381	627	424	EXWK2315SS6
241	673	36	178	610	653	221	EXWK724SS6
241	800	36	178	737	221	780	EXWK729SS6
800	546	36	737	483	780	526	EXWK2919SS6

Hazardous location LED lights, LEDHL

Description:	Standard LED light: Cool white lighting with colour temperature range of 6500K. Versatile mounting allows the light to be positioned horizontally or vertically with 160° rotation. 100° angle of illumination. Minimum power consumption and superior lighting with 24 VDC power input. Indoor/outdoor LED light: Cool white lighting with colour temperature range of 6500 K. Robust construction design for suitable outdoor applications. 360° rotation allows flexible and versatile mounting. 100° angle of illumination. Minimum power consumption and superior lighting with 12-24 VDC power input.
Operating temperature:	-40 (-40) to 85 °C (185 °F).
Protection:	IP 54 | IP 66 for indoor/outdoor light | Maintains enclosure Type 4, 4X rating when properly installed.
Approvals:	ETL Listed Class I Division 2, Groups A, B, C, D, T3 Conforms To CSA.22.2 No. 137, 213, 250 Standards Conforms To UL 844 & 1598 Standards Conforms to ISA-12.12-01
Pack quantity:	1 piece with assembly kit and 6 ft cable with flying leads.

W	Weight (kg)	VDC	Amps	Lumens	Item no.
344	0.3	24	0.33	558	LEDHL24V12
636	0.6	24	0.66	1116	LEDHL24V24
916	0.9	24	0.99	1674	LEDHL24V36
1220	1.2	24	1.32	2256	LEDHL24V48
88	1	12/24	0.66/0.35	459	LEDHL24VCAN

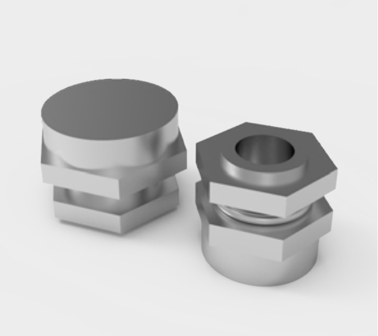
Wall Mounted Enclosures
Hazardous Locations Range
Accessories

Hazardous location door switch, LEDHLSW

Description:	Door switch to activate any electrical device (lighting, signalling, alarms, etc.) designed for wall mounted enclosures in hazardous locations. The included 5 ft connect cable allows ease of wiring to the enclosure back panel. Machining is required.
Switch capacity:	30 VDC / 5 A.
Operating temperature:	-40 (-40) to 90ºC (194 °F).
Protection:	The included hardware kit allows the door switch to easily be mounted and maintain the enclosure rating up to UL Type 4X.
Approvals:	Explosion Proof for Class 1, Division 2, Groups A, B, C and D. FM Approved to Standard Class 3600, 3615-1989.
Pack quantity:	1 piece with mounting accessories and 5 ft connect cable.

Item no.
LEDHLSWITCH

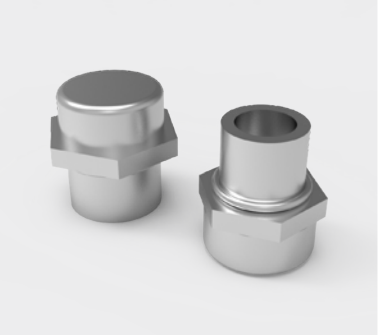
Hazardous location breather drains Ex e, EXEBD



Description:	Combination of drainage and breathing elements especially for use in potentially explosive atmosphere. Type of protection: Increased Safety (Ex e). Thread length: 10 mm. To be installed in a clearance hole 0.3 mm to 0.5 mm larger than major diameter of the thread size being used, or in a threaded hole. Position at the lowest point of an enclosure to ensure optimal draining of any moisture.
Material:	Type 316 stainless steel with castellated nut and nitrile O-ring.
Operating temperature:	-50 (-58) to 85 ºC (185 °F).
Protection:	IP 66 | Maintain enclosure Type 4, 4X rating when properly installed.
Approvals:	Certified for Zone 1 or 2 areas ATEX; Sira 13ATEX3354U Ex e IIC Gb Ex tb IIIC Db IP 66 IECEx IECEx SIR 13.0138U Ex e IIC Gb Ex tb IIIC Db IP 66 cCSAus Certified Class 1 Zone 1, Ex e II, IP 66, Type 4X
Pack quantity:	1 piece.

H	Thread	Item no.
25	M20	EXEBDM20SS6
33	M25	EXEBDM25SS6

Hazardous location breather drains Ex d, EXDBD



Description:	Combination of drainage and breathing elements especially for use in potentially explosive atmosphere. Type of protection: Flameproof (Ex d). Thread length: 16 mm. To be installed in a threaded hole. Position at the lowest point of an enclosure to ensure optimal draining of any moisture.	
Material:	Type 316 stainless steel with silicone O-ring	
Operating temperature:	-30 (-22) to 150 °C (302 °F).	
Protection:	IP 66 | Maintain enclosure Type 4, 4X rating when properly installed.	
Approvals:	Certified for Zone 1 or 2 areas ATEX ITS13ATEX17900X Ex d IIC Gb; Ex e IIC Gb Ex tb IIIC Db IP 66	IECEx; IECEx ITS 13.0049X Ex d IIC Gb Ex e IIC Gb Ex tb IIIC Db IP 66 cCSAus Certified Class 1 Zone 1, Ex e II, IP 66, Type 4X
Pack quantity:	1 piece.	

H	Thread	Item no.
25	M20	EXDBDM20SS6
33	M25	EXDBDM25SS6

Hazardous location hole seals, EXAS

Description:	Used to seal cable entries in bare metallic, smooth-surfaced enclosures. Mount on any flat enclosure surface, 1.46 mm (0.0576 in) to 3.2 mm (0.13 in) enclosure wall thickness.	
Material:	Outer plates: Type 316 stainless steel. Inner plates: Type 304 stainless steel. Gasket: Silicone.	
Operating temperature:	-55 (-67) to 180 °C (356 °F).	
Protection:	Hole seals maintain an IP 66 and Type 4X rating in increased safety hazardous location.	
Approvals:	ATEX Sira 14ATEX3233U Ex e IIC Gb Ex tb IIIC Db IP 66	IECEx IECEx SIR 14.0073U Ex e IIC Gb Ex tb IIIC Db IP 66 UL 508A Component Recognized Type 4, 4X,12, 3R; File No. E61997.
Pack quantity:	1 piece.	

Thread	Item no.
M20	EXAS050SS6
M25	EXAS075SS6
M32	EXAS100SS6
M40	EXAS125SS6
M50	EXAS150SS6
M63	EXAS200SS6
M75	EXAS250SS6

Wall Mounted Enclosures
Hazardous Locations Range
Accessories

Hazardous location small-volume purging/ pressurization system, HLA1

Description:	Small-volume type Y or Z purging/pressurization system are enclosure pressurization or purging systems that operate on a supply of compressed instrument air or inert gas. It regulates and monitors pressure within sealed (protected) enclosures to prevent combustible dust accumulation, or remove and prevent flammable gas or vapor accumulations. Available in two models for enclosures with a maximum enclosure volume of up to 2 or 10 cubic feet (0.06 or 0.28 cubic meters). Includes tamper-proof regulator with gauge (TR-10G) to comply with NFPA standard requiring protection against overpressurization. Other purposes include heat, moisture and dust contamination prevention.
Material:	Mounting plate: Type 316 brushed stainless steel. Regulator body: Zinc with enamel finish. Enclosure pressure gauge: Aluminium with enamel finish. Polycarbonate regulator handle. Fastener hardware available in aluminium and stainless steel.
Approvals:	For A1001YZUMC1 (Volume up to 2 cubic feet) NEC Type Y Class I, Division 1, Groups A, B, C, D to Division 2 NEC Type Z Class I, Division 2, Groups A, B, C, D to Unclassified For A1001YZUMC2 (Volume up to 10 cubic feet) NEC Type Y Class II, Division 1, Groups F, G to Division 2 NEC Type Z Class II, Division 2, Groups F, G to Unclassified Classified by Underwriters Laboratories, cUL and Factory Mutual
Requirements:	Protected enclosures should be constructed from materials, such as metal, fiberglass or polycarbonate material, to meet or exceed NEMA Type 4, Type 4X or Type 12 performance requirements.
Mounting:	Universal mount.
Pack quantity:	1 piece with mounting kit and accessories.
Note:	Pressure vent not required when inlet pressure limited to 5PSI using standard TR-10G. For inlet pressure over 5PSI order EPV-1-SA-00 or EPV-1-SA-90 separately. This system is not intended for use to protect enclosures or devices that contain ignitable concentrations of gases or vapours.

H	W	D	Weight (kg)	Volume	Item no.
229	229	127	3.74	0.06	A1001YZUMC1
229	229	127	3.86	0.28	A1001YZUMC2

Hazardous location large-volume purging system, HLA3

Description:	Purging Type Y or Z assembly that operates on a supply of compressed instrument air or inert gas. It is designed to regulate and monitor pressure within one or more sealed (protected) enclosures, in order to rapidly remove and prevent flammable vapour accumulation within the enclosure(s). The system is designed to accomplish the required air exchanges and maintain a ""safe"" pressure on one or more protected enclosures. A Model EPV enclosure protection vent is required for proper operation. 90 cubic feet (2.55 cubic meters) maximum enclosure volume. Enclosure protection vent (90°). Rapid exchange control valve.
Material:	System face plate and mounting plate: Type 316 stainless steel with tumble finish. Regulator body: Zinc with enamel finish. Manifold body: Anodized aluminium with Type 316 stainless steel valves. Enclosure pressure gauge: Aluminium with enamel finish. Gas supply gauge: Poly case and nickel-plated tube. Enclosure supply and enclosure reference bulkhead fittings: Type 316 stainless steel.
Approvals:	(Volume up to 90 cubic feet) 3003 LPS NEC Type Y Class 1, Division 1, Groups A, B, C, D / Zone 1 Groups IIA, IIB and IIC to Division 2 / Zone 2; NEC Type Z Class I, Division 2, Groups A, B, C, D / Zone 2 Groups IIA, IIB and IIC to Non-hazardous; Classified by Underwriters Laboratories, NFPA 496-1993.
Requirements:	Protected enclosures should be constructed from materials such as metal, fiberglass or polycarbonate material to meet or exceed NEMA Type 4, Type 4X or Type 12 performance requirements.
Mounting:	Two models available: Vertical mount (VM) or horizontal mount (HM).
Pack quantity:	1 piece with mounting kit and accessories.
Note:	This system is not intended for use to protect enclosures or devices that contain ignitable concentrations of gases or vapours.

H	W	D	Weight (kg)	Volume	Item no.
241	140	140	4.54	2.55	A3003YZVM
140	273	140	4.54	2.55	A3003YZHM

Hazardous location large-volume ATEX purging system Type Y, Z and Ex [pz], HLA3X

Description:	These products are designed to supply one or more enclosures with a protective gas supply. Enclosure protection vent (90°). Rapid exchange control valve. Explosion Proof differential pressure switch with "C" contacts for alarm.
Material:	System face plate and mounting plate: Type 316 stainless steel with tumble finish. Regulator body: Zinc with enamel finish. Manifold body: Anodized aluminium with Type 316 stainless steel valves. Enclosure pressure gauge: Aluminium with enamel finish. Gas supply gauge: Poly case and nickel-plated tube. Enclosure supply and enclosure reference bulkhead fittings: Type 316 stainless steel.
Approvals:	(Volume up to 90 cubic feet); 3003 WPSA: Type Y System, UL and FM Certified: Class I, Division I Group; A,B,C, D/Zone 1, Groups IIB and H2 to Division 2/Zone 2; Type Z system, UL and FM Certified: Class 1, Division 2 Group; A,B,C, D/Zone 2, Groups IIB and H2 to Non-hazardous. ATEX-certified: II 3 (3) G Ex [pz] II, -29 °C ≤ Tamb. ≤ 49 °C.
Requirements:	Protected enclosures should be constructed from materials such as metal, fiberglass or polycarbonate material to meet or exceed NEMA Type 4, Type 4X or Type 12 performance requirements.
Mounting:	Two models available: Vertical mount (VM) or horizontal mount (HM).
Pack quantity:	1 piece with mounting kit and accessories.
Note:	This system is not intended for use to protect enclosures or devices that contain ignitable concentrations of gases or vapours.

H	W	D	Weight (kg)	Volume	Item no.
356	203	189	8.2	2.55	ATEX3003YZVM
203	361	189	8.2	2.55	ATEX3003YZHM

Hazardous location ATEX purging/pressurization systems, HLP

Description:	All models utilize dry, clean inert gas supply of 60 PSI (4 bar) to 115 PSI (8 bar). Type X models provide automatic purge cycle and 4PNO/20A/440VAC power contactor with 115 VAC or 230 VAC coil. Local visual indicators provide system status.
Material:	All exterior components are 316 stainless steel or corrosion-resistant composite. Brushed 316 stainless steel finish.
Leak compensation:	Maintains positive pressure by compensating for losses. System consists of control unit and relief valve. Leak compensation models are equipped with rapid purge valve and visual purge status indicator.; ; Certification Type Y and Z models; • Flush (internal) or external mount models; • Local visual alarm indicator and dry contact output for remote alarm; • Typically recommended for enclosures with volume of 60 cubic feet or less; ; Certification Type X Model; • Provides power disconnect when pressurization is lost or not attained; • Provides automatic purge process; • External mount; • Local visual alarm indicator and dry contact output for remote alarm; • Typically recommended for enclosures with volume of 60 cubic feet or less;
Continuous flow:	Provides positive pressure via continuous protective air flow through the enclosure. System consists of control unit, calibrated outlet orifice and relief valve.; ; Certification Type Y and Z Models; • Flush (internal) or external mount models; • Local visual alarm indicator and dry contact output for remote alarm; • Typically recommended for enclosures with volume of 17 Ft3 or less. Larger enclosures can use continuous flow models, but will require longer purging times.
Operating temperature:	-20 (-4) to 55 ºC (131 °F).
Approvals:	Type X: Ex [px] Ex [p]; IECEx SIR.0019X [Gb, Db]; Europe, ATEX Category 2 GD; Cert no Sira 14ATEX1045X; USA/Canada NFPA496 Cl I Div 1 Groups A, B, C, D; UL E466718. Type Y: Ex [py] Ex [p]; IECEx SIR.0019X [Gb, Db]; Europe, ATEX Category 2 GD; Cert no Sira 14ATEX1045X; North America Cl I Div 1 Groups A, B, C, D; For protecting Cl I Div 2 equipment; UL E466718. Type Z: Ex [pz] Ex [p]; IECEx SIR.0019X [Gc, Dc]; Europe, ATEX Category 3 GD; Cert no Sira 14ATEX1045X; North America Cl I Div 2 Groups A, B, C, D; UL E466718.
Requirements:	Type 4, 4X and 12 (IP54 recommended minimum) enclosures.
Pack quantity:	1 piece.

Mounting type	Certification	Item no.
Flush Mount	Y and Z	PLCF1YZ
Exterior Mount	Y and Z	PLCB1YZ
Flush Mount	Y and Z	PCFF1YZ
Exterior Mount	Y and Z	PCFB1YZ
Exterior Mount	X (120 VAC)	PLCS1X1
Exterior Mount	X (230 VAC)	PLCS1X2
-	-	PLCSKIT
-	-	PCFSKIT

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TANKERS
TEL. 01291 620324
FULLER
bar
VAC PUMP ON/OFF
ENGINE SPEED ON/OFF

03

Terminal Boxes

Steel Range

Mild steel terminal box, STB 388
Stainless steel terminal box, SSTB 390
Accessories 394

Aluminium Range

Aluminium terminal box, HALP 398
Accessories 400

Polyester Range

Polyester terminal box, MGRP 402
Accessories 404

ABS Range

Small ABS terminal box, DABP 406
Accessories 409

Medium ABS terminal box, SABP 410
Accessories 413

Large ABS terminal box, OABP 414
Accessories 417

Polycarbonate Range

Small polycarbonate terminal box, DPCP 420
Accessories 423
Large polycarbonate terminal box, OPCP 424
Accessories 427

Hazardous Location Range

ZONEX, stainless steel terminal box, EXE-SB 430
ZONEX, polyester terminal box, EXE-NB 431

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 M6 × 13 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.

Delivery:

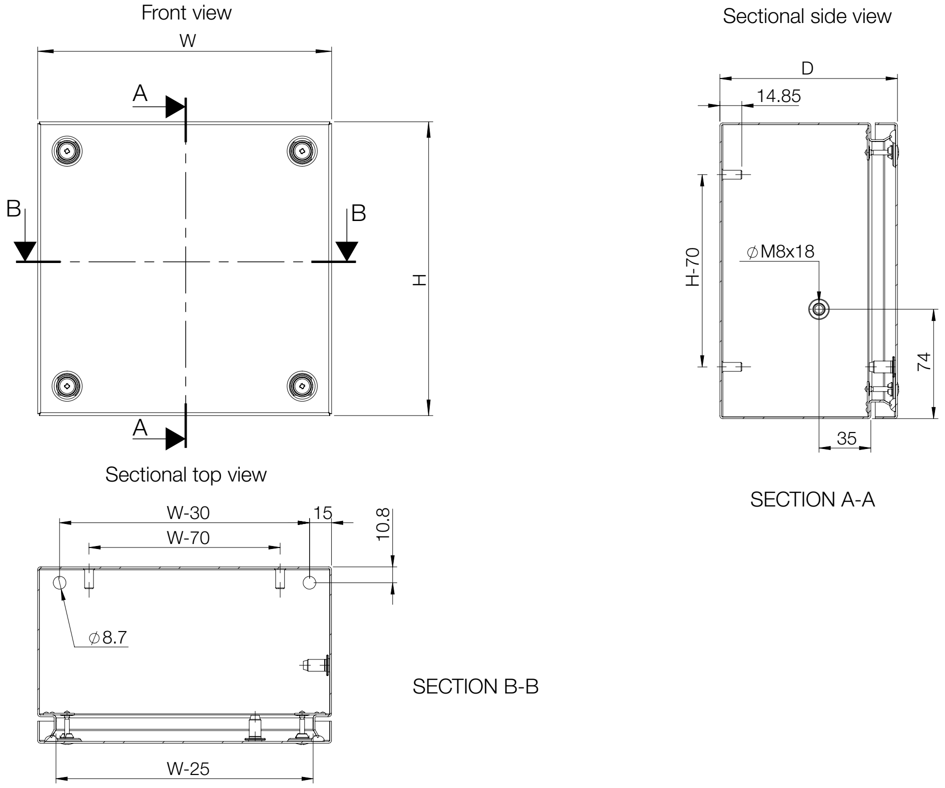
Body, cover, cover screws, fixing screws, cover plugs, and earthing facilities.

Dimensional table | STB

IP 66 | TYPE 4, 12, 13 | IK 08

Box dimension				
H	**W**	**D**	**Weight (kg)**	**Item no.**
150	150	80	1.15	STB151508
150	150	120	1.35	STB151512
150	300	80	1.90	STB153008
150	300	120	2.25	STB153012
200	200	80	1.70	STB202008
200	200	120	2.00	STB202012
200	300	80	2.35	STB203008
200	300	120	2.75	STB203012
200	400	80	2.90	STB204008
200	400	120	3.35	STB204012
200	500	120	4.10	STB205012
200	600	120	4.75	STB206012
200	800	120	6.30	STB208012
300	300	80	3.15	STB303008
300	300	120	3.55	STB303012
300	400	120	4.50	STB304012
300	500	120	5.40	STB305012
300	600	120	6.40	STB306012
400	400	120	5.85	STB404012
400	600	120	7.80	STB406012
400	800	120	9.90	STB408012

Dimensional drawing | STB



Terminal Boxes

Steel Range

Stainless steel terminal box | SSTB

IP 66 | TYPE 4X, 12, 13 | IK 08

Material:

AISI 304L 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:

400 pre-grained stainless steel.

Delivery:

Body, cover, cover screws, fixing screws, cover plugs and earthing facilities.

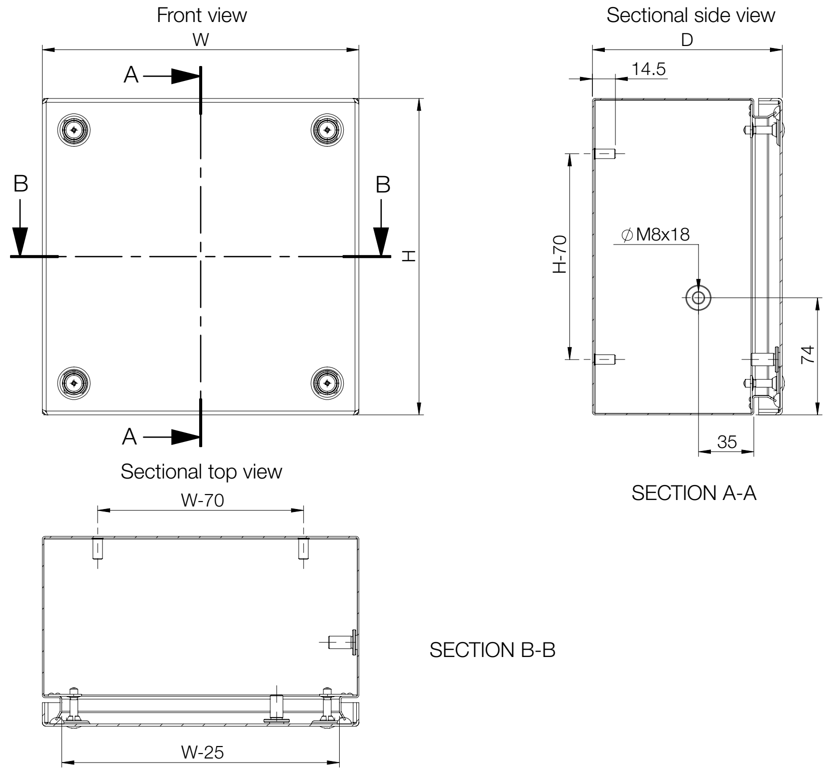
Dimensional table | SSTB

IP 66 | TYPE 4X, 12, 13 | IK 08

Box dimension				
H	W	D	Weight (kg)	Item no.
150	150	80	1.10	SSTB151508
150	150	80	1.10	SSTB151508-316
150	150	120	1.30	SSTB151512
150	150	120	1.30	SSTB151512-316
150	300	80	1.80	SSTB153008
150	300	80	1.80	SSTB153008-316
150	300	120	2.15	SSTB153012
150	300	120	2.15	SSTB153012-316
200	200	80	1.65	SSTB202008
200	200	80	1.65	SSTB202008-316
200	200	120	1.95	SSTB202012
200	200	120	1.90	SSTB202012-316
200	300	80	2.25	SSTB203008
200	300	80	2.25	SSTB203008-316
200	300	120	2.55	SSTB203012
200	300	120	2.55	SSTB203012-316
200	400	80	2.80	SSTB204008
200	400	80	2.80	SSTB204008-316
200	400	120	3.20	SSTB204012
200	400	120	3.15	SSTB204012-316
200	500	120	3.90	SSTB205012

Box dimension				
H	W	D	Weight (kg)	Item no.
200	500	120	3.90	SSTB205012-316
200	600	120	4.60	SSTB206012
200	600	120	4.55	SSTB206012-316
200	800	120	5.90	SSTB208012
200	800	120	5.90	SSTB208012-316
300	300	80	3.05	SSTB303008
300	300	80	3.05	SSTB303008-316
300	300	120	3.40	SSTB303012
300	300	120	3.45	SSTB303012-316
300	400	120	4.25	SSTB304012
300	400	120	4.30	SSTB304012-316
300	500	120	5.10	SSTB305012
300	500	120	5.10	SSTB305012-316
300	600	120	6.10	SSTB306012
300	600	120	6.10	SSTB306012-316
400	400	120	5.50	SSTB404012
400	400	120	5.40	SSTB404012-316
400	600	120	7.65	SSTB406012
400	600	120	7.55	SSTB406012-316
400	800	120	9.70	SSTB408012
400	800	120	9.70	SSTB408012-316

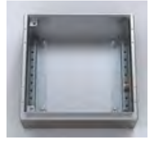
Dimensional drawing | SSTB



Accessories selection matrix | STB

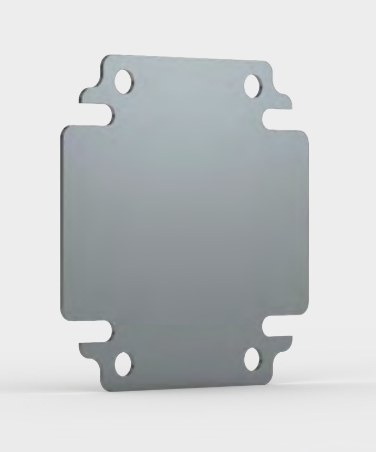
Box				**Mounting**			**Fixing**		**Cover**
	H	**W**	**D**	**Mounting plate**	**Bottom profile**	**DIN rail**	**Wall mounting brackets**	**Pole fixation**	**Hinges**
STB151508	150	150	80	BMP1515	BPP15	BDR3515	AW41	-	STBH02
STB151512	150	150	120	BMP1515	BPP15	BDR3515	AW41	-	STBH02
STB153008	150	300	80	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

Accessories selection matrix | SSTB

									
Box				**Mounting**			**Fixing**		**Cover**
	H	**W**	**D**	**Mounting plate**	**Bottom profile**	**DIN rail**	**Wall mounting brackets**	**Pole fixation**	**Hinges**
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		
H	**W**	**h**	**w**	**Item no.**
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-TB

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.

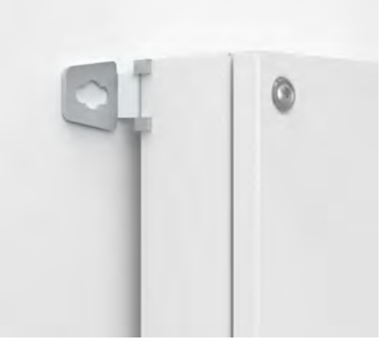
Material: Galvanized steel.

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

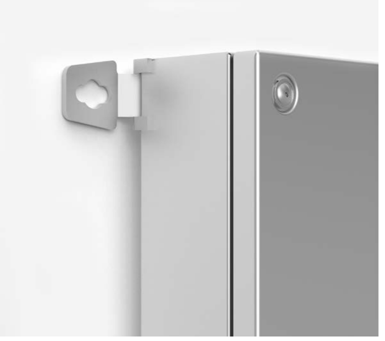
Wall mounting brackets, AW-TB



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

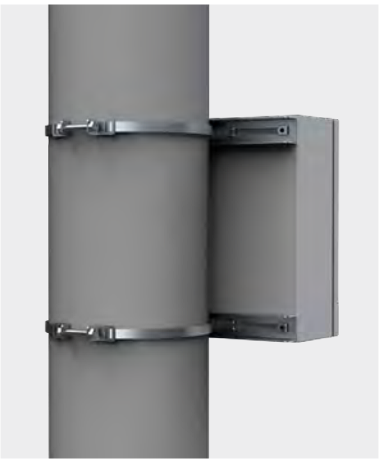
Wall mounting brackets, AWS-TB



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

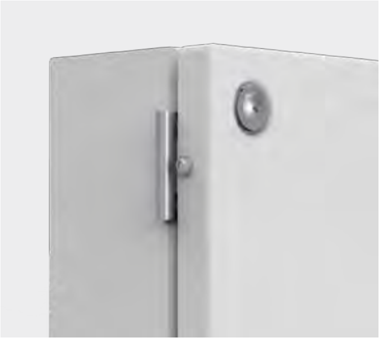
Enclosure pole fixation, EPF-TB



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

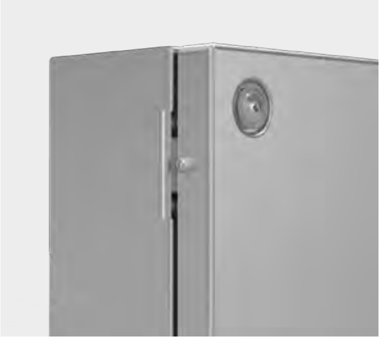
Hinges, STBH



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
Aluminium terminal box | HALP

IP 66, 67 | IK 08/09

Material:

Aluminium alloy EN AC-47100.

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 | IK 09, 08 for HALP050503GE.

Finish:

RAL 7001.

Approvals:

CE, GOST. For cULus_UL Listed approvals, please contact our sales department.

Delivery:

Body and cover are manufactured from aluminum, cover screws are made of stainless steel.

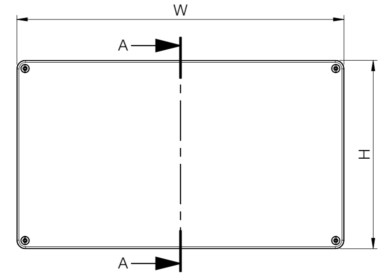
Dimensional table | HALP

IP 66, 67 | IK 08/09

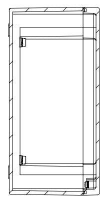
Box dimension								
H	**W**	**D**	**Weight (kg)**	**Body thickness**	**Cover thickness**	**Number of cover screws**	**Thread for mounting plate**	**Item no.**
45	50	30	0.10	3	2	2	-	HALP050503GE
64	58	36	0.15	3.5	3	4	-	HALP060604GE
64	98	36	0.25	3.5	3	4	-	HALP061004GE
64	150	36	0.35	3,5	3	4	-	HALP061504GE
80	75	57	0.30	3.5	2.5	4	M4	HALP080806GE
80	125	57	0.45	3.5	2.6	4	M4	HALP081306GE
80	175	57	0.55	3.5	2.5	4	M4	HALP081806GE
80	250	57	0.70	3.5	2.5	4	M4	HALP082506GE
122	122	80	0.90	4.1	3.7	4	M6	HALP121208GE
122	122	90	1.00	4.1	4	4	M6	HALP121209GE
122	220	80	1.35	4	4	4	M6	HALP122208GE
122	220	90	1.45	4	4	4	M6	HALP122209GE
122	360	80	1.80	4.1	3.7	4	M6	HALP123608GE
160	160	90	1.55	4.1	3.7	4	M6	HALP161609GE
160	260	90	2.10	4	4	4	M6	HALP162609GE
160	360	90	2.70	4.1	3.7	4	M6	HALP163609GE
160	560	90	4.05	4	4	6	M6	HALP165609GE
230	200	110	2.60	4.1	4.1	4	M6	HALP232011GE
230	330	110	3.70	4,1	3.7	4	M6	HALP233311GE
230	330	180	5.10	4.5	3.7	4	M6	HALP233318GE
230	400	110	4.15	4.1	3.7	4	M6	HALP234011GE
230	600	110	6.00	4	4	6	M6	HALP236011GE

Dimensional drawing | HALP

Front view

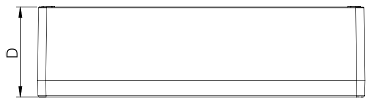


Sectional side view



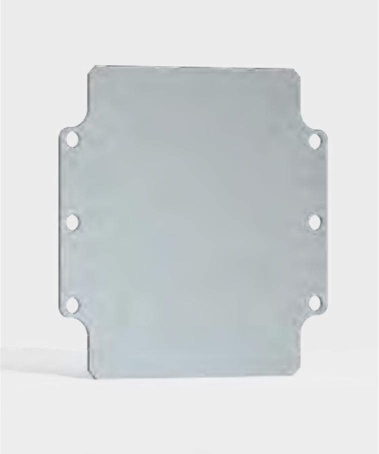
SECTION A-A

Top view



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		
H	W	h	w	Item no.
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.

Terminal Boxes

Polyester Range

Polyester terminal box | MGRP

IP 66, 67 | IK 07/08

Description:

Polyester box. Suitable for outdoor use, UV-resistant according to UL746 C.

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 | IK 08, 07 for MGRP08080xGE.

Finish:

RAL 7000.

Approvals:

CE, GOST. For cULus_UL Listed approvals, please contact our sales department.

Delivery:

Body, cover and cover screws. Cover screws made of stainless steel.

Note:

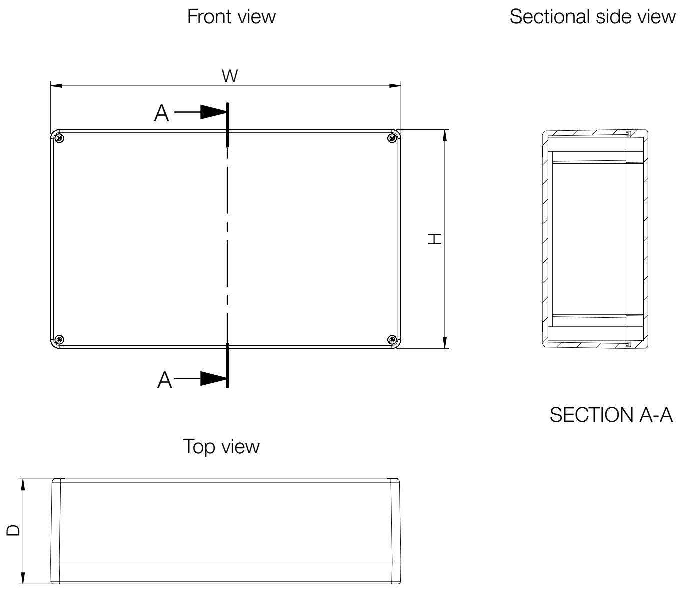
Mounting plate, GMP, and hinges, HHI, are available separately.

Dimensional table | MGRP

IP 66, 67 | IK 07/08

Box dimension							
H	W	D	Weight (kg)	Body thickness	Cover thickness	Number of cover screws	Item no.
75	80	55	0.25	3.5	4	4	MGRP080806GE
75	80	75	0.30	3.5	4	4	MGRP080808GE
75	110	55	0.30	3.5	4	4	MGRP081106GE
75	110	75	0.35	3.5	4	4	MGRP081108GE
75	160	55	0.40	3.5	4	4	MGRP081606GE
75	160	75	0.50	3.5	4	4	MGRP081608GE
75	190	55	0.45	3.5	4	4	MGRP081906GE
75	190	75	0.55	3.5	4	4	MGRP081908GE
120	122	90	0.75	4.5	5	4	MGRP121209GE
120	220	90	1.10	4.5	4	4	MGRP122209GE
160	160	90	1.30	6	5	4	MGRP161609GE
160	260	90	1.85	6	5	4	MGRP162609GE
160	360	90	2.30	6	5	4	MGRP163609GE
160	560	90	3.35	6	5	6	MGRP165609GE
250	255	120	2.80	6	5	4	MGRP252612GE
250	400	120	4.00	6	5	4	MGRP254012GE
405	400	120	5.25	6	5	4	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 from GMP1656E.
Pack quantity:	1 piece.

For box		Mounting plate dimensions		
H	**W**	**h**	**w**	**Item no.**
75	80	64	69	GMP0808E
75	110	64	98	GMP0811E
75	160	64	148	GMP0816E
75	190	64	178	GMP0819E
120	122	107	108	GMP1212E
120	220	107	206	GMP1222E
160	160	144	144	GMP1616E
160	260	144	244	GMP1626E
160	360	144	344	GMP1636E
160	560	144	543	GMP1656E
250	255	233	238	GMP2526E
250	400	233	383	GMP2540E
405	400	390	385	GMP4140E

Hinges, HHI

Description:	Using this accessory the cover can be hinged. 150° opening. Machining is required.
Material:	Aluminium.
For box:	MGRP121209GE to MGRP414012GE.
Pack quantity:	Set of 3 hinges. Mounting accessories are included.

Item no.
HHI03

Terminal Boxes

ABS Range

Small 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. Transparent cover: polycarbonate.

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.

Delivery:

Body, cover, cover screws manufactured from stainless steel, mounting screws and cover plugs made from polyamide.

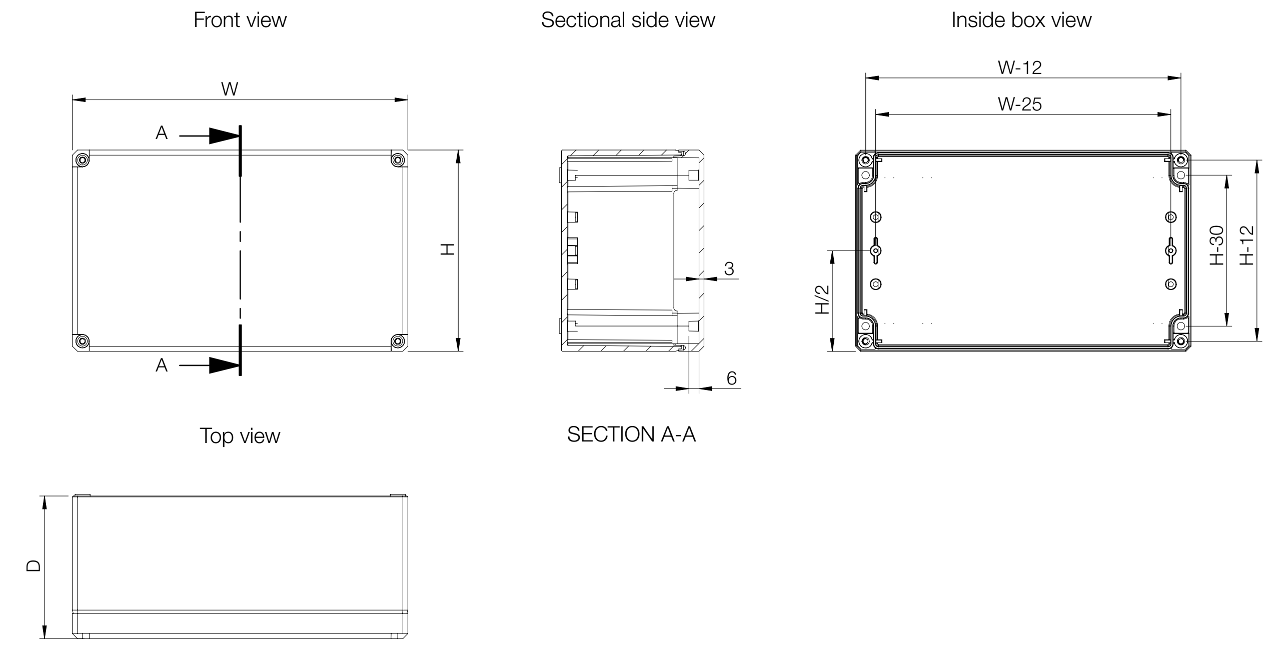
Dimensional table | DABP

IP 66,67 | IK 06/07

Box dimension					
H	W	D	Inner depth (mm)	Weight (kg)	Item no.
53	55	36	27.5	0.50	DABP050504GE
53	65	36	25	0.80	DABP050704GE
80	82	56	42	0.10	DABP080806GE
80	82	86	72	0.10	DABP080809GE
80	120	56	42	0.15	DABP081206GE
80	120	86	72	0.20	DABP081209GE
80	160	56	42	0.20	DABP081606GE
80	160	86	72	0.20	DABP081609GE
120	122	56	42	0.20	DABP121206GE
120	122	86	72	0.25	DABP121209GE
120	160	91	77	0.35	DABP121609GE
120	200	86	72	0.35	DABP122009GE
150	200	76	62	0.40	DABP152008GE
160	240	91	77	0.55	DABP162409GE
160	240	121	107	0.70	DABP162412GE
230	300	86	72	0.85	DABP233009GE
230	300	111	97	1.00	DABP233011GE

Note: Terminal box, with polycarbonate 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	DSHI1E
DABP050704GE	53	65	36	-	-	DFL1E	DSHI1E
DABP080806GE	80	82	56	DMP0808E	DR350584E	DFL1E	DSHI1E
DABP080809GE	80	82	86	DMP0808E	DR350584E	DFL1E	DSHI1E
DABP081206GE	80	120	56	DMP0812E	DR350964E	DFL1E	DSHI1E
DABP081209GE	80	120	86	DMP0812E	DR350964E	DFL1E	DSHI1E
DABP081606GE	80	160	56	DMP0816E	DR351364E	DFL1E	DSHI1E
DABP081609GE	80	160	86	DMP0816E	DR351364E	DFL1E	DSHI1E
DABP121206GE	120	122	56	DMP1212E	DR350964E	DFL1E	DSHI1E
DABP121209GE	120	122	86	DMP1212E	DR350964E	DFL1E	DSHI1E
DABP121609GE	120	160	91	DMP1216E	DR351364E	DFL1E	DSHI1E
DABP122009GE	120	200	86	DMP1220E	DR351764E	DFL1E	DSHI1E
DABP152008GE	150	200	76	DMP1520E	DR351604E	DFL1E	DSHI1E
DABP162409GE	160	240	91	DMP1624E	DR352154E	DFL1E	DSHI1E
DABP162412GE	160	240	121	DMP1624E	DR352154E	DFL1E	DSHI1E
DABP233009GE	230	300	86	DMP2330E	DR352754E	DFL1E	DSHI1E
DABP233011GE	230	300	111	DMP2330E	DR352754E	DFL1E	DSHI1E

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**		
H	**W**	**h**	**w**	**Item no.**
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

Terminal Boxes

ABS Range

Accessories

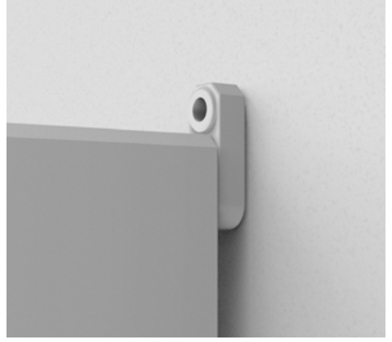
DIN rail, DR

Description:	DIN rail 35 mm for DABP/DPCP boxes.
Material:	Galvanized steel.
Pack quantity:	1 piece.

For box	
W	**Item no.**
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

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

ABS Range

Medium 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. Transparent cover: polycarbonate.

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.

Delivery:

Body, cover, cover screws manufactured from polyamide and mounting screws.

CE UK CA

Dimensional table | SABP

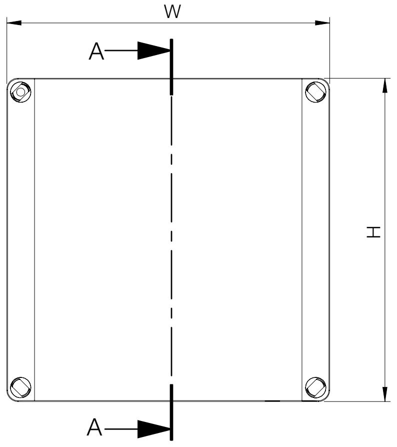
IP 66,67 | IK 06/07

Box dimension					
H	W	D	Inner depth (mm)	Weight (kg)	Item no.
75	125	75	60.5	0.20	SABP081308GE
75	125	100	85.5	0.25	SABP081310GE
75	125	125	110.5	0.25	SABP081313GE
125	125	75	60.5	0.25	SABP131308GE
125	125	100	85.5	0.30	SABP131310GE
125	125	125	110.5	0.35	SABP131313GE
125	175	75	60.5	0.35	SABP131808GE
125	175	100	85.5	0.40	SABP131810GE
125	175	125	110.5	0.45	SABP131813GE
125	175	150	135.5	0.55	SABP131815GE
175	175	75	60.5	0.50	SABP181808GE
175	175	100	85.5	0.55	SABP181810GE
175	175	125	110.5	0.55	SABP181813GE
175	175	150	135.5	0.60	SABP181815GE
175	250	75	60.5	0.55	SABP182508GE
175	250	100	85.5	0.60	SABP182510GE
175	250	150	135.5	0.65	SABP182515GE

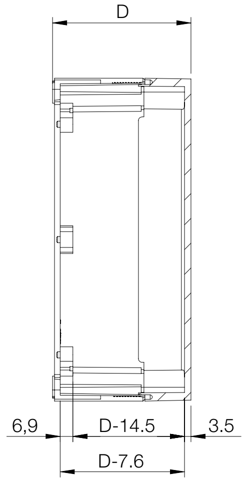
Note: Terminal box, with polycarbonate transparent cover fitted, can be ordered by replacing GE with TE in the item number. Terminal box manufactured from polycarbonate can be ordered by replacing SABP with SPCP in the item number.

Dimensional drawing | SABP

Front view

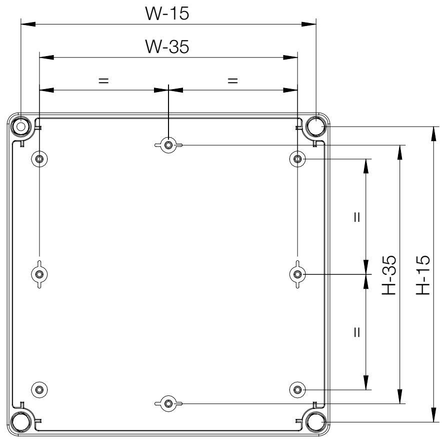


Sectional side view

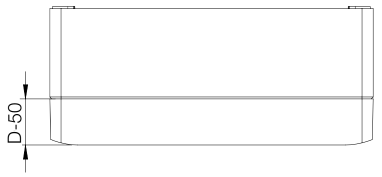


SECTION A-A

Inside box view



Top view



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

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**		
H	**W**	**h**	**w**	**Item no.**
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

Terminal Boxes
ABS Range
Accessories

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

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. Transparent cover: polycarbonate.

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.

Delivery:

Body, cover, cover screws manufactured from polyamide and mounting screws.

Dimensional table | OABP

IP 66,67 | IK 06/07

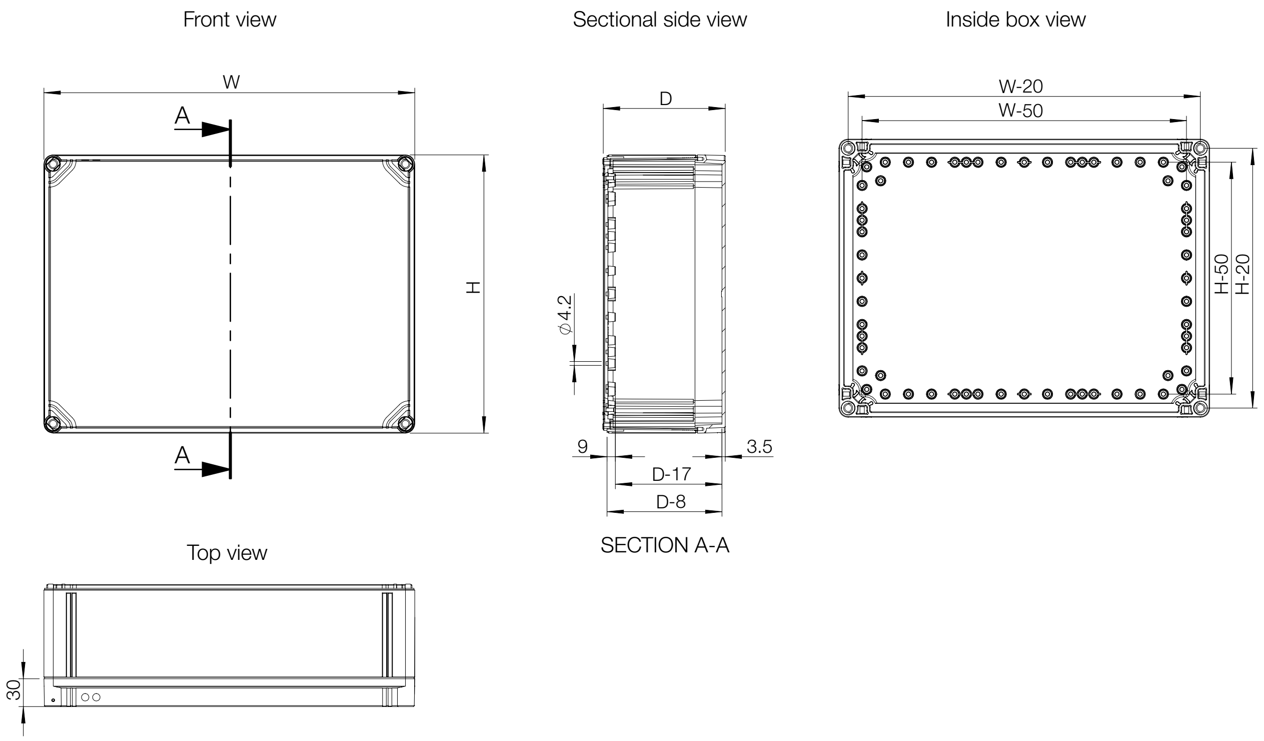
With grey cover

Box dimension					
H	W	D	Inner depth (mm)	Weight (kg)	Item no.
200	200	132	115	1.10	OABP202013GE
200	300	132	115	1.45	OABP203013GE
200	400	132	115	1.75	OABP204013GE
300	300	132	115	1.90	OABP303013GE
300	400	132	115	2.30	OABP304013GE
300	600	132	115	3.20	OABP306013GE
400	600	132	115	4.00	OABP406013GE

With transparent cover

Box dimension					
H	W	D	Inner depth (mm)	Weight (kg)	Item no.
200	200	132	115	1.10	OABP202013TE
200	300	132	115	1.50	OABP203013TE
200	400	132	115	1.85	OABP204013TE
300	300	132	115	1.90	OABP303013TE
300	400	132	115	2.40	OABP304013TE
300	600	132	115	3.40	OABP306013TE
400	600	132	115	4.10	OABP406013TE

Dimensional drawing | OABP



Accessories selection matrix | OABP

Box				**Mounting**			**Fixing**
	H	**W**	**D**	**Mounting plate**	**Mounting plate depth adjusment 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

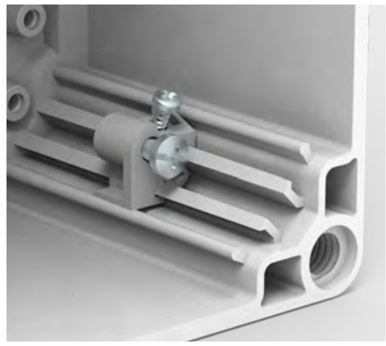
Description: Steel mounting plate for OABP/OPCP boxes.

Material: 1.5 mm galvanized steel.

Pack quantity: 1 piece.

For box		**Mounting plate dimensions**		
H	**W**	**h**	**w**	**Item no.**
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	
H/W	**Item no.**
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.

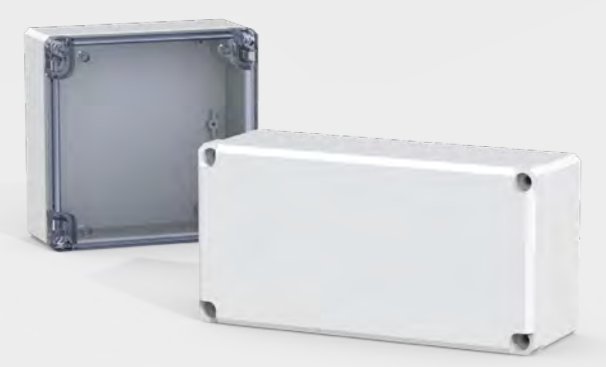
For box			
H	**W**	**D**	**Item no.**
200	200	55	OPCP202006EE
200	300	55	OPCP203006EE
200	400	55	OPCP204006EE
300	300	55	OPCP303006EE
300	400	55	OPCP304006EE
300	600	55	OPCP306006EE
400	600	55	OPCP406006EE

Terminal Boxes

Polycarbonate Range

Small polycarbonate terminal box | DPCP

IP 66,67 | IK 08



Description:

Polycarbonate box, halogen-free, suitable for outdoor use. High UV radiation resistance. Self-extinguishing.

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 manufactured from stainless steel, mounting screws and cover plugs made of polyamide.

Dimensional table | DPCP

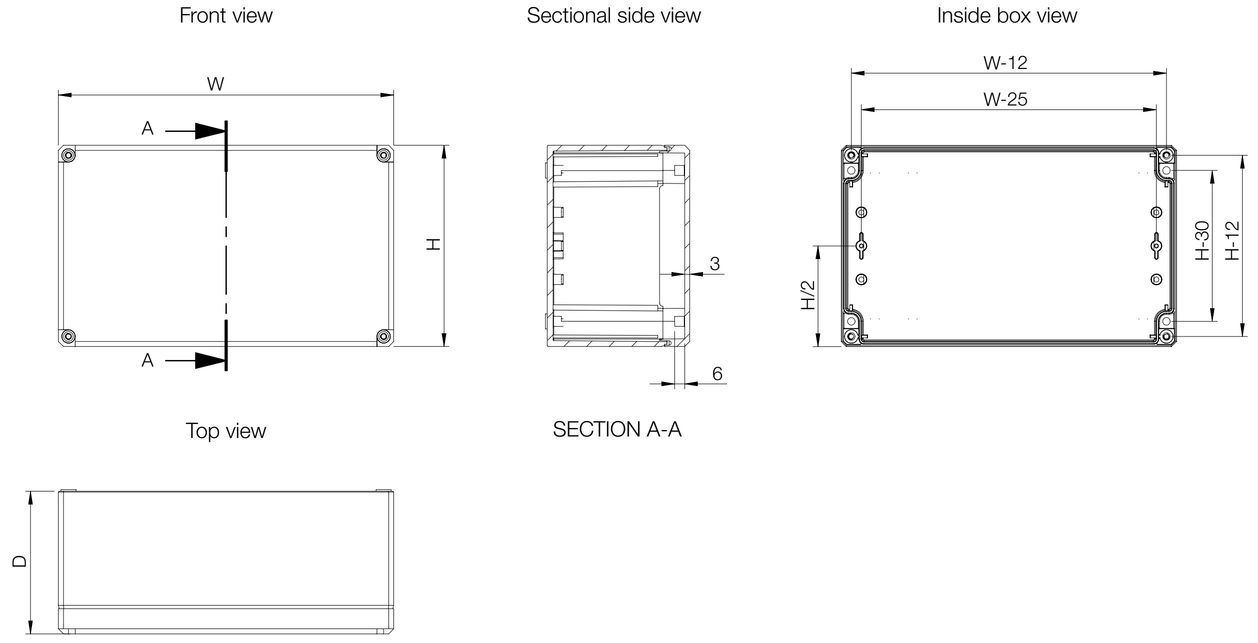
IP 66,67 | IK 08

Box dimension					
H	**W**	**D**	**Inner depth (mm)**	**Weight (kg)**	**Item no.**
53	55	36	27.5	0.05	DPCP050504GE
53	65	36	25	0.08	DPCP050704GE
80	82	56	42	0.15	DPCP080806GE
80	82	86	72	0.15	DPCP080809GE
80	120	56	42	0.20	DPCP081206GE
80	120	86	72	0.20	DPCP081209GE
80	160	56	42	0.25	DPCP081606GE
80	160	86	72	0.30	DPCP081609GE
120	122	56	42	0.20	DPCP121206GE
120	122	86	72	0.30	DPCP121209GE
120	160	91	77.5	0.35	DPCP121609GE
120	200	86	72	0.40	DPCP122009GE
150	200	76	62	0.40	DPCP152008GE
160	240	91	77.5	0.60	DPCP162409GE
160	240	121	107.5	0.75	DPCP162412GE
230	300	86	72.5	0.95	DPCP233009GE
230	300	111	97.5	1.10	DPCP233011GE

Note: Terminal box, with transparent cover fitted, can be ordered by replacing GE with TE in the item number.

3

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	DSHI1E
DPCP050704GE	53	65	36	-	-	DFL1E	DSHI1E
DPCP080806GE	80	82	56	DMP0808E	DR350584E	DFL1E	DSHI1E
DPCP080809GE	80	82	86	DMP0808E	DR350584E	DFL1E	DSHI1E
DPCP081206GE	80	120	56	DMP0812E	DR350964E	DFL1E	DSHI1E
DPCP081209GE	80	120	86	DMP0812E	DR350964E	DFL1E	DSHI1E
DPCP081606GE	80	160	56	DMP0816E	DR351364E	DFL1E	DSHI1E
DPCP081609GE	80	160	86	DMP0816E	DR351364E	DFL1E	DSHI1E
DPCP121206GE	120	122	56	DMP1212E	DR350964E	DFL1E	DSHI1E
DPCP121209GE	120	122	86	DMP1212E	DR350964E	DFL1E	DSHI1E
DPCP121609GE	120	160	91	DMP1216E	DR351364E	DFL1E	DSHI1E
DPCP122009GE	120	200	86	DMP1220E	DR351764E	DFL1E	DSHI1E
DPCP152008GE	150	200	76	DMP1520E	DR351604E	DFL1E	DSHI1E
DPCP162409GE	160	240	91	DMP1624E	DR352154E	DFL1E	DSHI1E
DPCP162412GE	160	240	121	DMP1624E	DR352154E	DFL1E	DSHI1E
DPCP233009GE	230	300	86	DMP2330E	DR352754E	DFL1E	DSHI1E
DPCP233011GE	230	300	111	DMP2330E	DR352754E	DFL1E	DSHI1E

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**		
H	**W**	**h**	**w**	**Item no.**
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

Terminal Boxes
Polycarbonate Range
Accessories

DIN rail, DR

Description:	DIN rail 35 mm for DABP/DPCP boxes.
Material:	Galvanized steel.
Pack quantity:	1 piece.

For box	
W	**Item no.**
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

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. Self-extinguishing.

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 manufactured from polyamide and mounting screws.

Dimensional table | OPCP

IP 66, 67 | IK 08

With grey cover

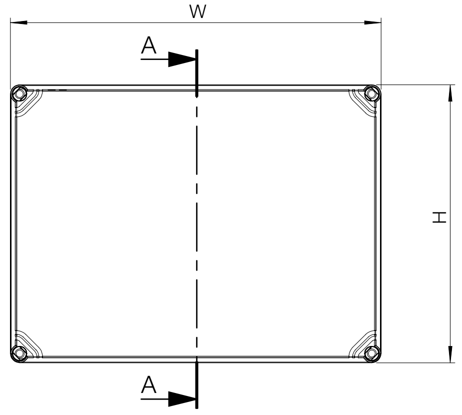
Box dimension					
H	W	D	Inner depth (mm)	Weight (kg)	Item no.
200	200	132	115	1.30	OPCP202013GE
200	300	132	115	1.70	OPCP203013GE
200	400	132	115	2.00	OPCP204013GE
300	300	132	115	2.15	OPCP303013GE
300	400	132	115	2.70	OPCP304013GE
300	600	132	115	3.60	OPCP306013GE
400	600	132	115	4.55	OPCP406013GE

With transparent cover

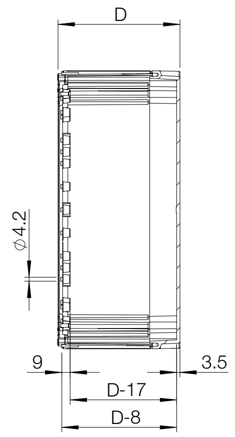
Box dimension					
H	W	D	Inner depth (mm)	Weight (kg)	Item no.
200	200	132	115	1.25	OPCP202013TE
200	300	132	115	1.70	OPCP203013TE
200	400	132	115	2.00	OPCP204013TE
300	300	132	115	2.10	OPCP303013TE
300	400	132	115	2.00	OPCP304013TE
300	600	132	115	3.50	OPCP306013TE
400	600	132	115	4.50	OPCP406013TE

Dimensional drawing | OPCP

Front view

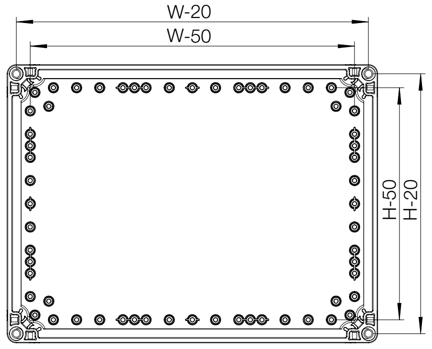


Sectional side view

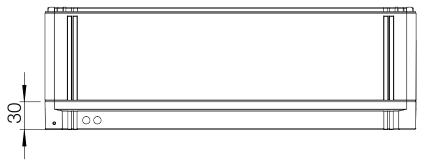


SECTION A-A

Inside box view



Top view



Accessories selection matrix | OPCP

Box				**Mounting**			**Fixing**
	H	**W**	**D**	**Mounting plate**	**Mounting plate depth adjusment 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	OHI1E	OCP1E	OLW55E	OPCP202006EE
OPCP203013GE	200	300	132	OHI1E	OCP1E	OLW55E	OPCP203006EE
OPCP204013GE	200	400	132	OHI1E	OCP1E	OLW55E	OPCP204006EE
OPCP303013GE	300	300	132	OHI1E	OCP1E	OLW55E	OPCP303006EE
OPCP304013GE	300	400	132	OHI1E	OCP1E	OLW55E	OPCP304006EE
OPCP306013GE	300	600	132	OHI1E	OCP1E	OLW55E	OPCP306006EE
OPCP406013GE	400	600	132	OHI1E	OCP1E	OLW55E	OPCP406006EE
OPCP202013TE	200	200	132	OHI1E	OCP1E	OLW55E	OPCP202006EE
OPCP203013TE	200	300	132	OHI1E	OCP1E	OLW55E	OPCP203006EE
OPCP204013TE	200	400	132	OHI1E	OCP1E	OLW55E	OPCP204006EE
OPCP303013TE	300	300	132	OHI1E	OCP1E	OLW55E	OPCP303006EE
OPCP304013TE	300	400	132	OHI1E	OCP1E	OLW55E	OPCP304006EE
OPCP306013TE	300	600	132	OHI1E	OCP1E	OLW55E	OPCP306006EE
OPCP406013TE	400	600	132	OHI1E	OCP1E	OLW55E	OPCP406006EE

Terminal Boxes
Polycarbonate Range
Accessories

Mounting plate, OMP

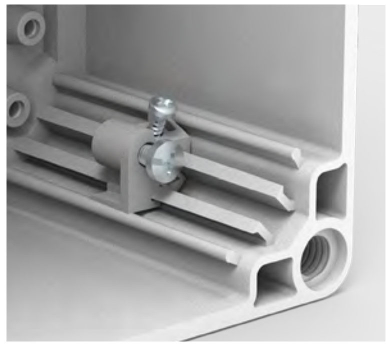
Description: Steel mounting plate for OABP/OPCP boxes.

Material: 1.5 mm galvanized steel.

Pack quantity: 1 piece.

For box		**Mounting plate dimensions**		
H	**W**	**h**	**w**	**Item no.**
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	
H/W	**Item no.**
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			
H	**W**	**D**	**Item no.**
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
Hazardous Location Range
ZONEX, Stainless Steel Terminal Box, EXE-SB

Material:	Fabricated from Type 316L stainless steel. Body: 1.5 mm. Cover: 1.5 mm. Mounting plate: 2.0 mm galvanized steel.
Body:	M6 brass internal/external bonding provision. Full-width welded wall-mounting brackets on top and bottom. Internal weld studs for panel or DIN rail mounting brackets.
Cover:	M6 brass internal/external bonding provision. Full-width welded wall-mounting brackets on top and bottom. Internal weld studs for panel or DIN rail mounting brackets.
Protection:	IP 66 | TYPE 4, 4X, 12
Finish:	320 grain brushed finish.
Approvals:	**ATEX Directive 94/9/EC** Sira 09ATEX3224U Ex eb IIC Gb Ex tb IIIC Db IP 66 EN60079-0:2009 EN60079-7:2007 EN61241-0:2006 EN61241-1:2004 **IECEx** IECEx SIR 09.0099U Ex eb IIC Gb Ex tb IIIC Db IP 66 IEC 60079-0:2007-2010 IEC 60079-7:2006-2007 IEC 61241-0:2004 IEC 61241-1:2004
Delivery:	Enclosure with cover, cover screws, mounting plate and mounting accessories.
Note:	nVent HOFFMAN ATEX Ex e enclosures are not intended for use in explosion-proof or flame-proof applications.

H	W	D	Mounting Plate Height	Mounting Plate Width	Item no.
102	102	76	84,8	84,8	EXE101008SS6E
152	152	102	134,8	134,8	EXE151510SS6E
178	178	102	160,8	160,8	EXE181810SS6E
216	146	127	198,8	128,8	EXE221513SS6E
254	254	127	236,8	236,8	EXE252513SS6E

Terminal Boxes
Hazardous Location Range
ZONEX, Polyester Terminal Box, EXE-NB

Description:	Polyester terminal box for increased safety Ex e applications. Compression-moulded glass fibre reinforced polyester with added agents to address static charge build-up. Internal M4 or M6 stainless steel inserts for DIN- and panel-mounting. Mounting location dimensions are moulded into the back side of the enclosure. Covered mounting screw provisions outside of gasketed area.
Material:	Body and cover: Compression-moulded, high-impact strength, glass fibre reinforced polyester. Screws: Stainless steel.
Gasket:	Retained, continuous, high-temperature silicone gasket within a labyrinth seal between cover and body.
Operating temperature:	-50 to +100 °C
Flammability:	UL 94 V-0.
Protection:	IP 66 | TYPE 4, 4X, 12
Finish:	Moulded material has a smooth, low-gloss, black finish RAL 9005.
Approvals:	**ATEX DIRECTIVE 94/9/EC** ATEX TUV 13 ATEX120808U Ex eb IIC Gb Ex tb IIIC Db IP 66 EN60079-0 EN60079-7 EN60079-31 Service temperature -50 to +100 °C **IECEx** IECEx TUV 13.0001U Ex eb IIC Gb Ex tb IIIC Db IP 66 IEC 60079-0 IEC 60079-7 IEC 60079-31 Service temperature -50 to +100 °C
Delivery:	Body, door and cover screws.
Note:	This is not an explosion-proof enclosure. Mounting plate available separately.

H	W	D	Item no.
75	80	55	EXE807555
75	80	75	EXE807575
75	110	55	EXE1107555
75	110	75	EXE1107575
75	160	55	EXE1607555
75	160	75	EXE1607575
75	190	55	EXE1907555
75	190	75	EXE1907575
120	122	90	EXE12212090
120	220	90	EXE22012090
160	160	90	EXE16016090
160	260	90	EXE26016090
160	360	90	EXE36016090
160	560	90	EXE56016090
250	255	120	EXE255250120
250	400	120	EXE400250120
405	400	120	EXE400405120

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DIMECO

04
Human Machine Interface

PC Enclosure Range

PC Enclosure, MCM 434

Console Range

Compact console, MPG 438
Modular console, MPC 442

Compact console, MPGS 450
Modular console, MPCS 454

Accessories for consoles 462

Swing Arm System

Control enclosure, OICE 468
Accessories for control enclosure 472

Control panel, OICP 474
Accessories for control panel 478

Light swing arm system, S1 480
Accessories 482

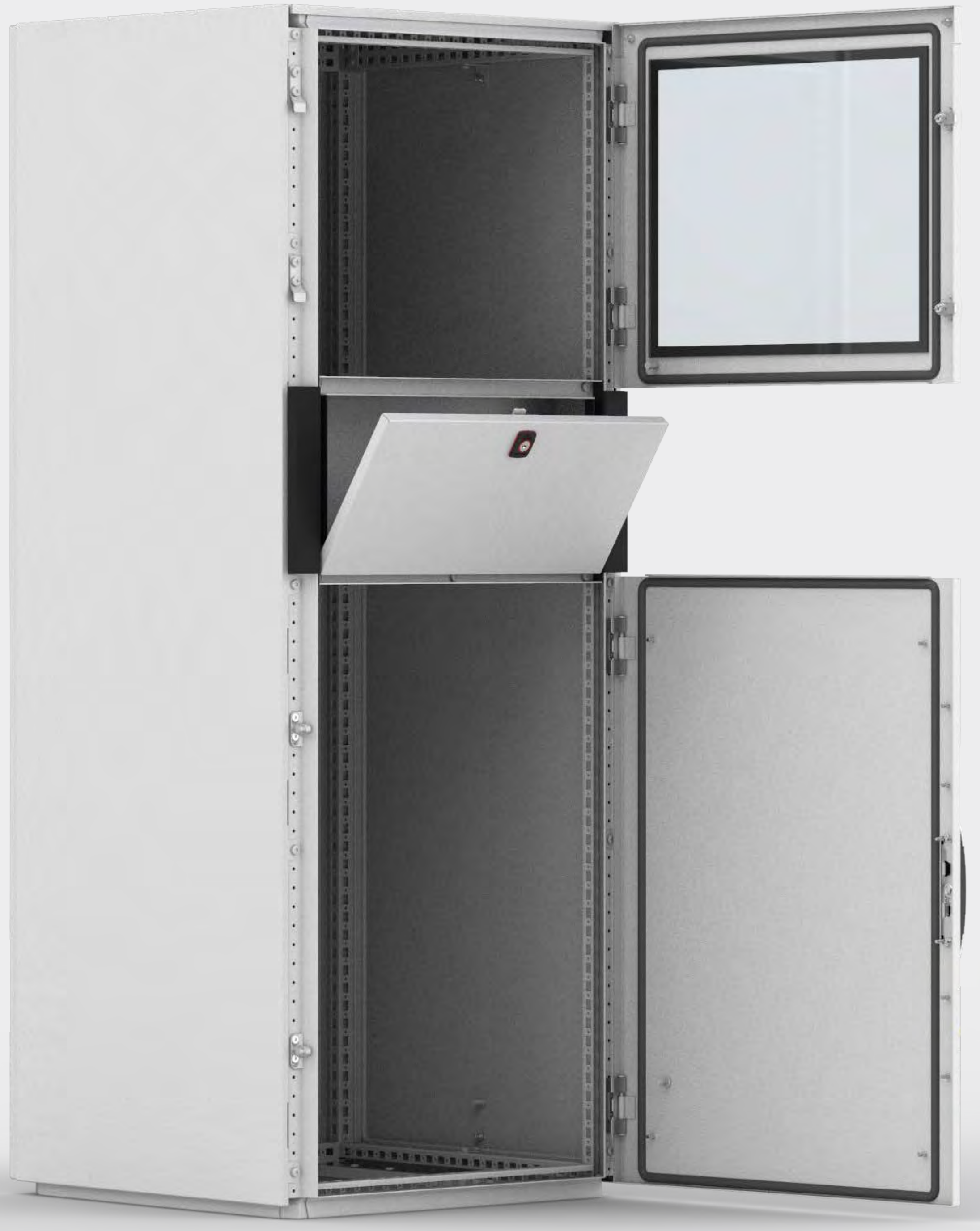
Medium swing arm system, S2 490
Accessories 492

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 × 190 × 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, reduces to IP 30.

Mounting requirements:

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.

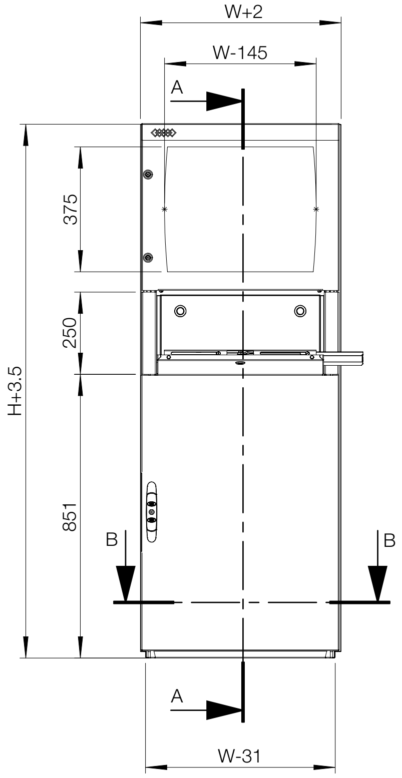
Dimensional table | MCM

IP 44 | IK 10

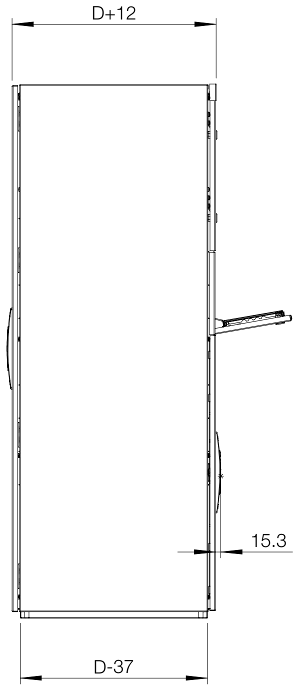
Enclosure dimensions			
H Plinth	**W**	**D**	**Item no.**
1600	600	600	MCM16066
1600	600	800	MCM16068

Dimensional drawing | MCM

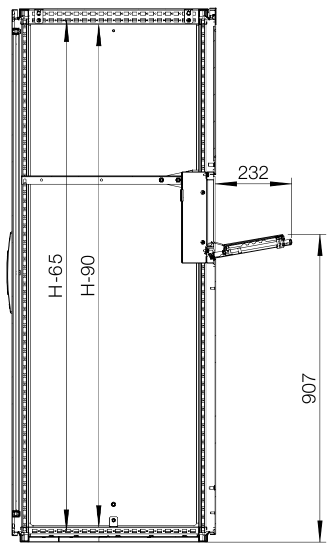
Front view


W+2
W-145
A
375
250
H+3.5
851
B
B
A
W-31

Side view

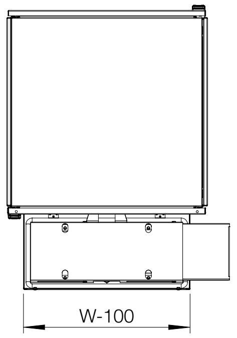


Sectional side view

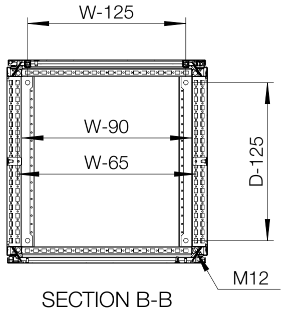

232
H-65
H-90
907

SECTION A-A

Top view



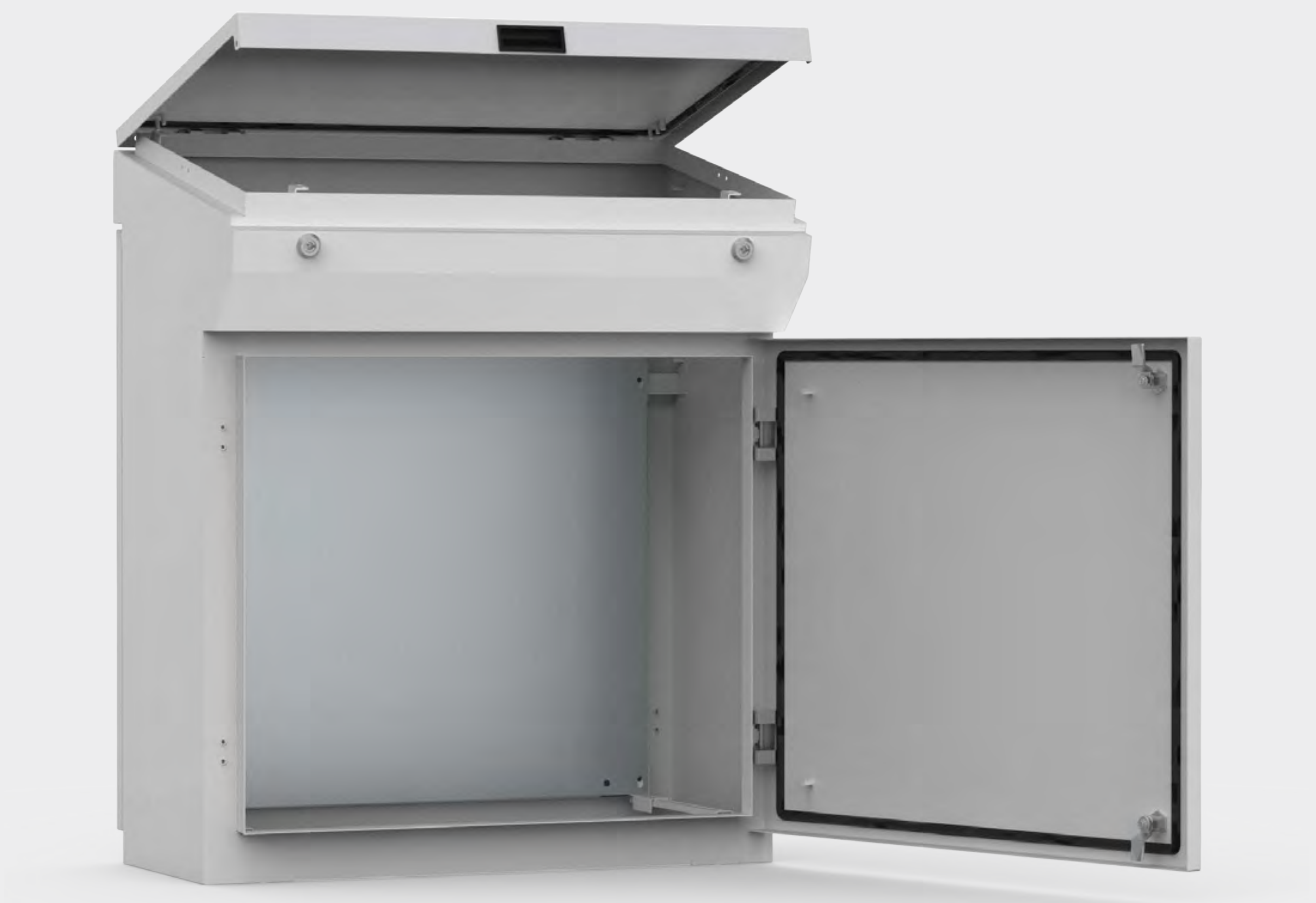
Sectional top view
(without bottom plates)


W-125
W-90
W-65
D-125
M12

SECTION B-B

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 includes 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.

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

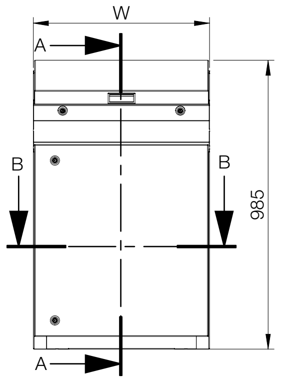
Enclosure dimensions			Mounting plate dimensions		Usable depth	
H	**W**	**D**	**h**	**w**	**d**	**Item no.**
985	600	400	790	499	333	MPG06R5
985	800	400	790	699	333	MPG08R5
985	1000	400	790	899	333	MPG10R5
985	1200	400	790	1099	333	MPG12R5
985	1600	400	790	1499	333	MPG16R5

Note: Only 1200 mm and 1600 mm wide consoles have double door.

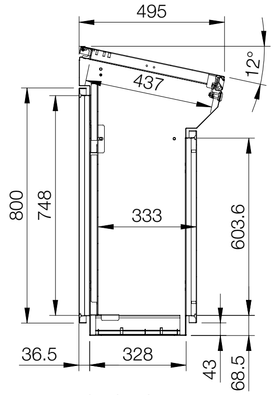
Dimensional drawing | MPG

Single door

Front view

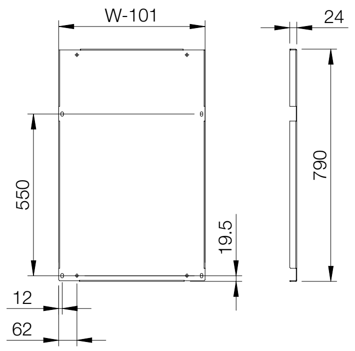


Sectional side view

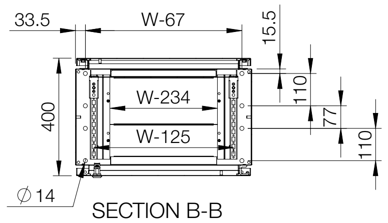

495
437
12°
800
748
333
603.6
36.5
328
43
68.5

SECTION A-A

Mounting plate view

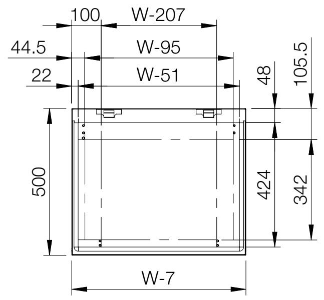

W-101
24
550
790
19.5
12
62

Sectional top view

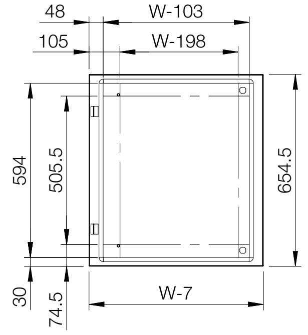

33.5
W-67
15.5
W-234
W-125
400
110
77
110
∅14

SECTION B-B

Inside panel details

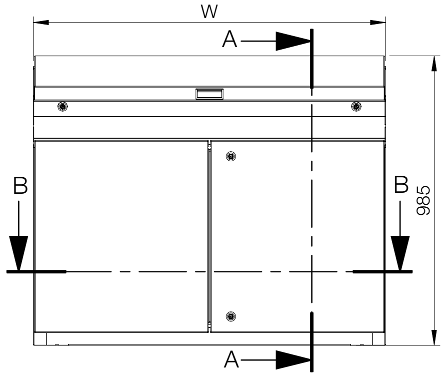

100
W-207
44.5
W-95
22
W-51
48
105.5
500
424
342
W-7

Inside door view

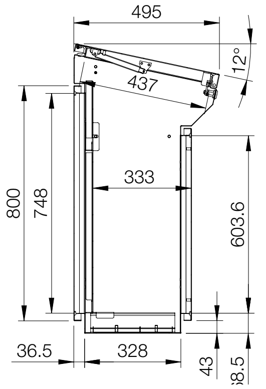

48
W-103
105
W-198
594
505.5
654.5
30
74.5
W-7

Double door

Front view

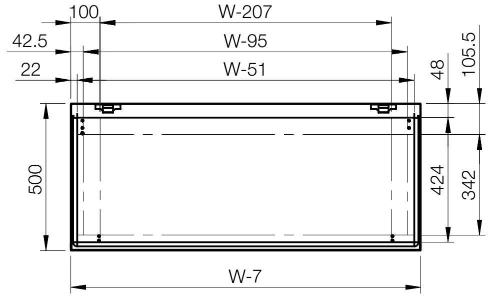


Sectional side view

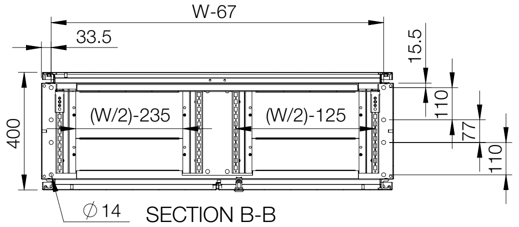

495
437
12°
800
748
333
603.6
36.5
328
43
38.5

SECTION A-A

Inside panel details

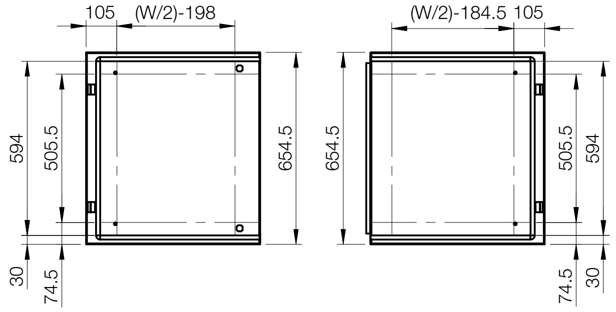

100
W-207
42.5
W-95
22
W-51
48
105.5
500
424
342
W-7

Sectional top view


W-67
33.5
15.5
(W/2)-235
(W/2)-125
400
110
77
110
∅14

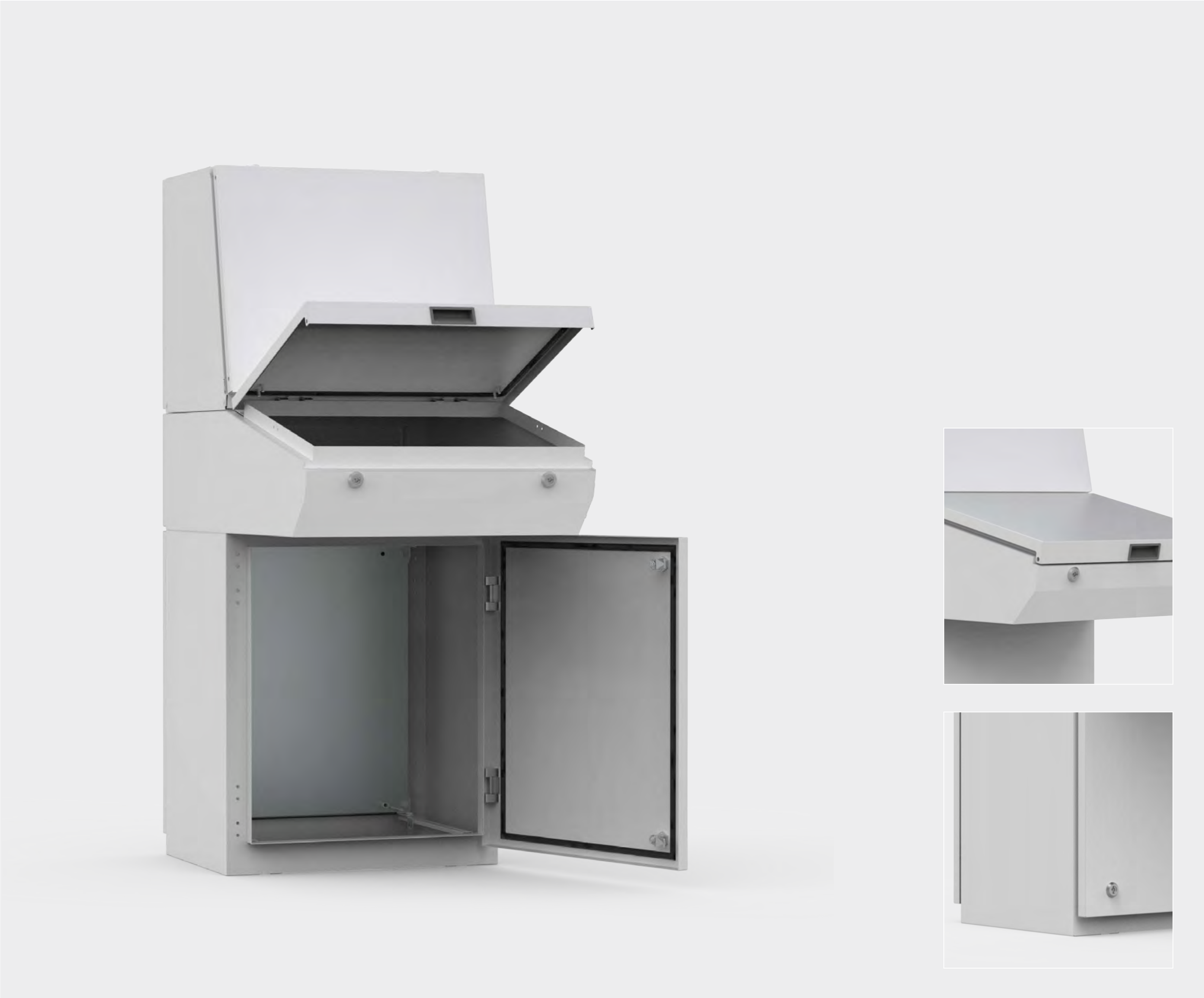
SECTION B-B

Inside door view


105
(W/2)-198
(W/2)-184.5
105
594
505.5
654.5
654.5
505.5
594
30
74.5
74.5
30

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 includes 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.

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			
H	**W**	**D**	**Item no.**
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			
H	**W**	**D**	**Item no.**
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

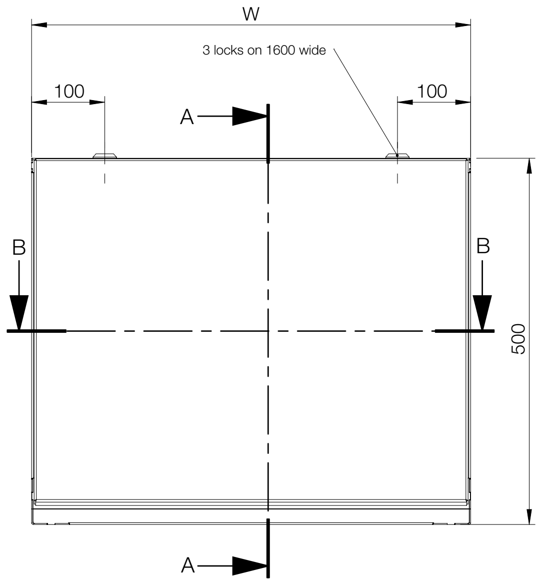
Enclosure dimensions			**Mounting plate dimensions**		**Usable depth**	
H	**W**	**D**	**h**	**w**	**d**	**Item no.**
700	600	500	590	499	470.5	MPC063R5
700	800	500	590	699	470.5	MPC083R5
700	1000	500	590	899	470.5	MPC103R5
700	1200	500	590	1099	470.5	MPC123R5
700	1600	500	590	1499	470.5	MPC163R5

Note: Only 1200 mm and 1600 mm wide consoles have double door.

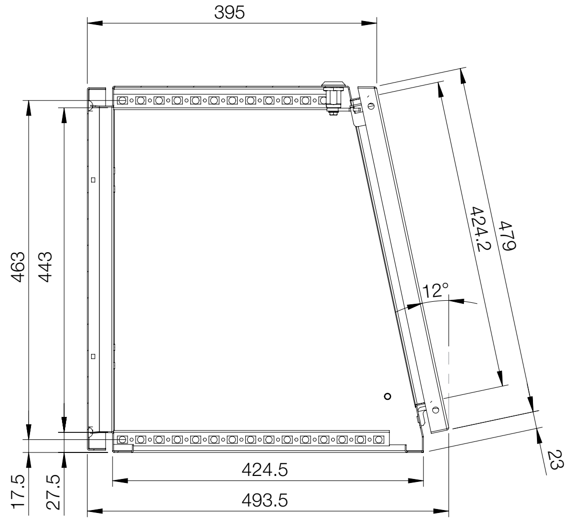
Dimensional drawing | MPC

Top section units

Front view

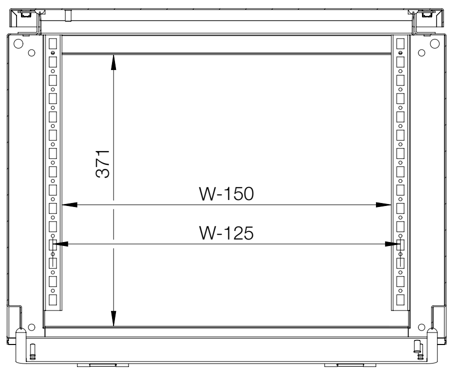

W
3 locks on 1600 wide
100
100
A
A
B
B
500

Sectional side view


395
463
443
424.2
479
12°
23
17.5
27.5
424.5
493.5

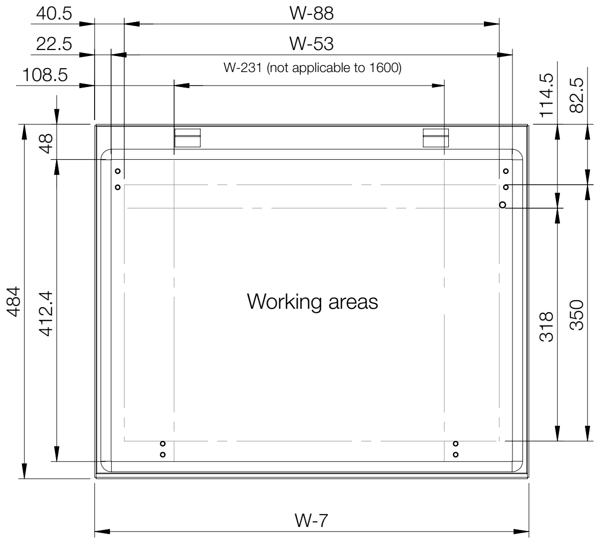
SECTION A-A

Sectional top view


371
W-150
W-125

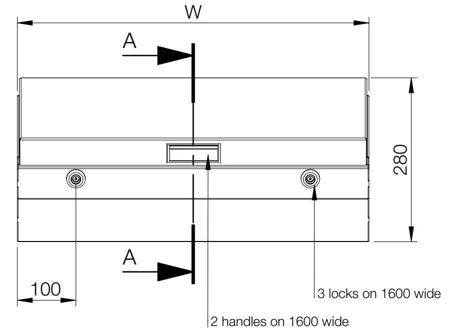
SECTION B-B

Inside panel view

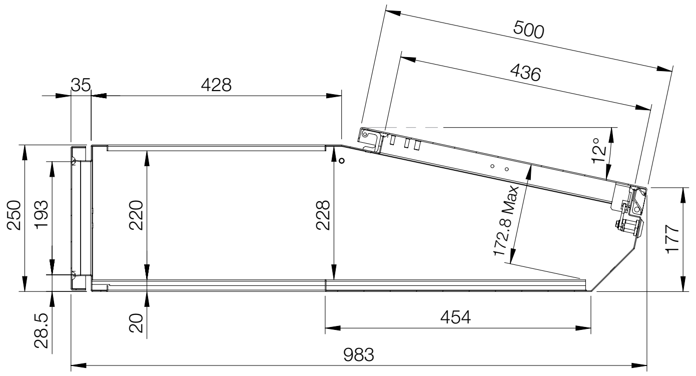

40.5
22.5
108.5
W-88
W-53
W-231 (not applicable to 1600)
114.5
82.5
48
484
412.4
Working areas
318
350
W-7

Desk unit

Front view

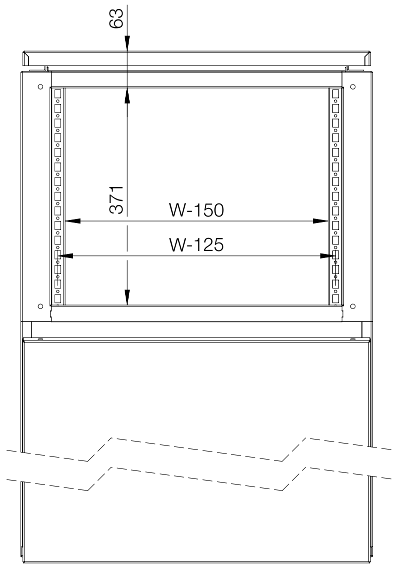

W
A
A
280
100
3 locks on 1600 wide
2 handles on 1600 wide

Sectional side view

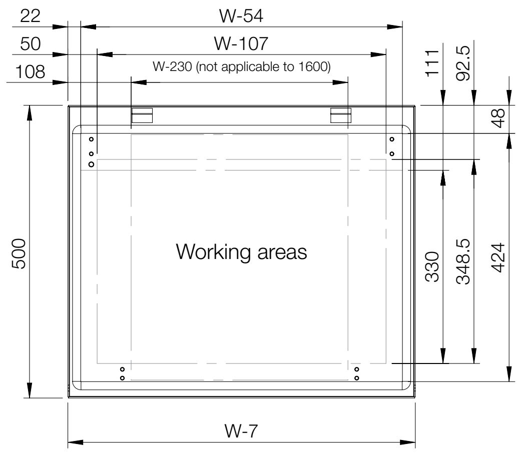

500
436
35
428
12°
250
193
220
228
172.8 Max
177
28.5
20
454
983

SECTION A-A

Top view


63
371
W-150
W-125

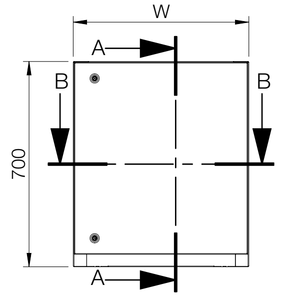
Inside panel view


22
50
108
W-54
W-107
W-230 (not applicable to 1600)
111
92.5
48
500
Working areas
330
348.5
424
W-7

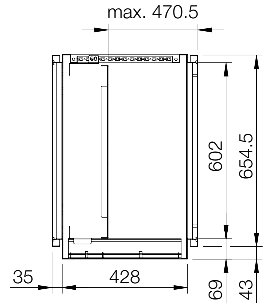
Base unit with mounting plate

Single door

Front view

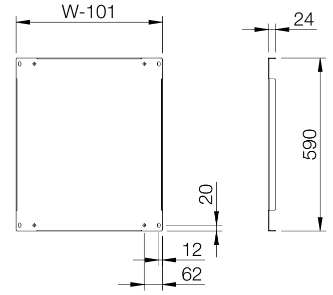


Sectional side view

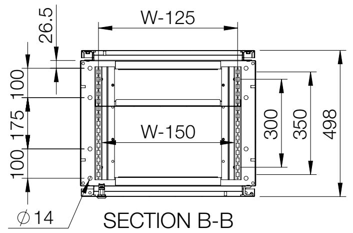

max. 470.5
602
654.5
35
428
69
43

SECTION A-A

Mounting plate view

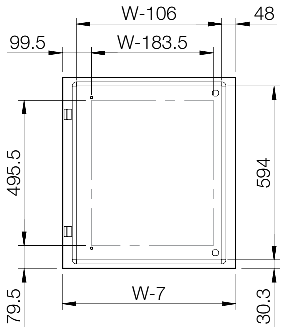

W-101
24
590
20
12
62

Sectional top view


26.5
W-125
100
175
100
W-150
300
350
498
Ø14

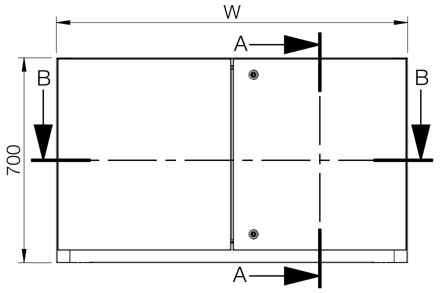
SECTION B-B

Inside door view

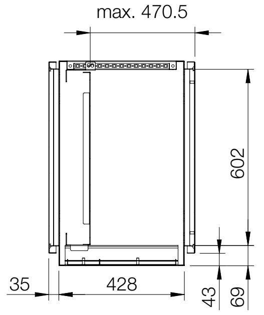

W-106
48
99.5
W-183.5
495.5
594
79.5
W-7
30.3

Double door

Front view

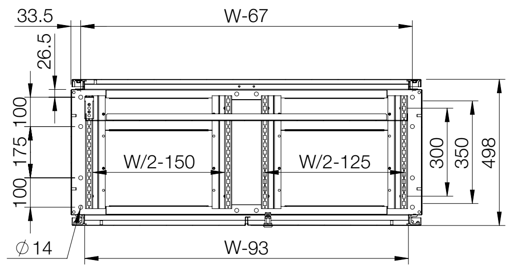


Sectional side view


max. 470.5
602
35
428
43
69

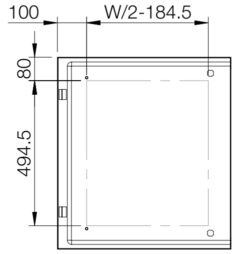
SECTION A-A

Sectional top view

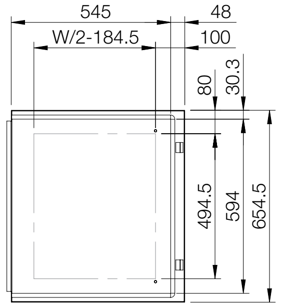

33.5
W-67
26.5
100
175
100
W/2-150
W/2-125
300
350
498
Ø14
W-93

SECTION B-B

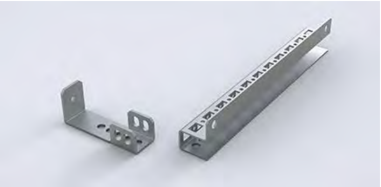
Inside right door view


100
W/2-184.5
80
494.5

Inside left door view


545
48
W/2-184.5
100
80
30.3
494.5
594
654.5

Accessories selection matrix | MPG

					
Console				**Mounting**	
	H	**W**	**D**	**Mounting plate**	**Mounting plate depth adjusment kit**
MPG06R5	985	600	400	GCPZ06	MPGDA01
MPG08R5	985	800	400	GCPZ08	MPGDA01
MPG10R5	985	1000	400	GCPZ10	MPGDA01
MPG12R5	985	1200	400	GCPZ12	MPGDA01
MPG16R5	985	1600	400	GCPZ16	MPGDA01

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

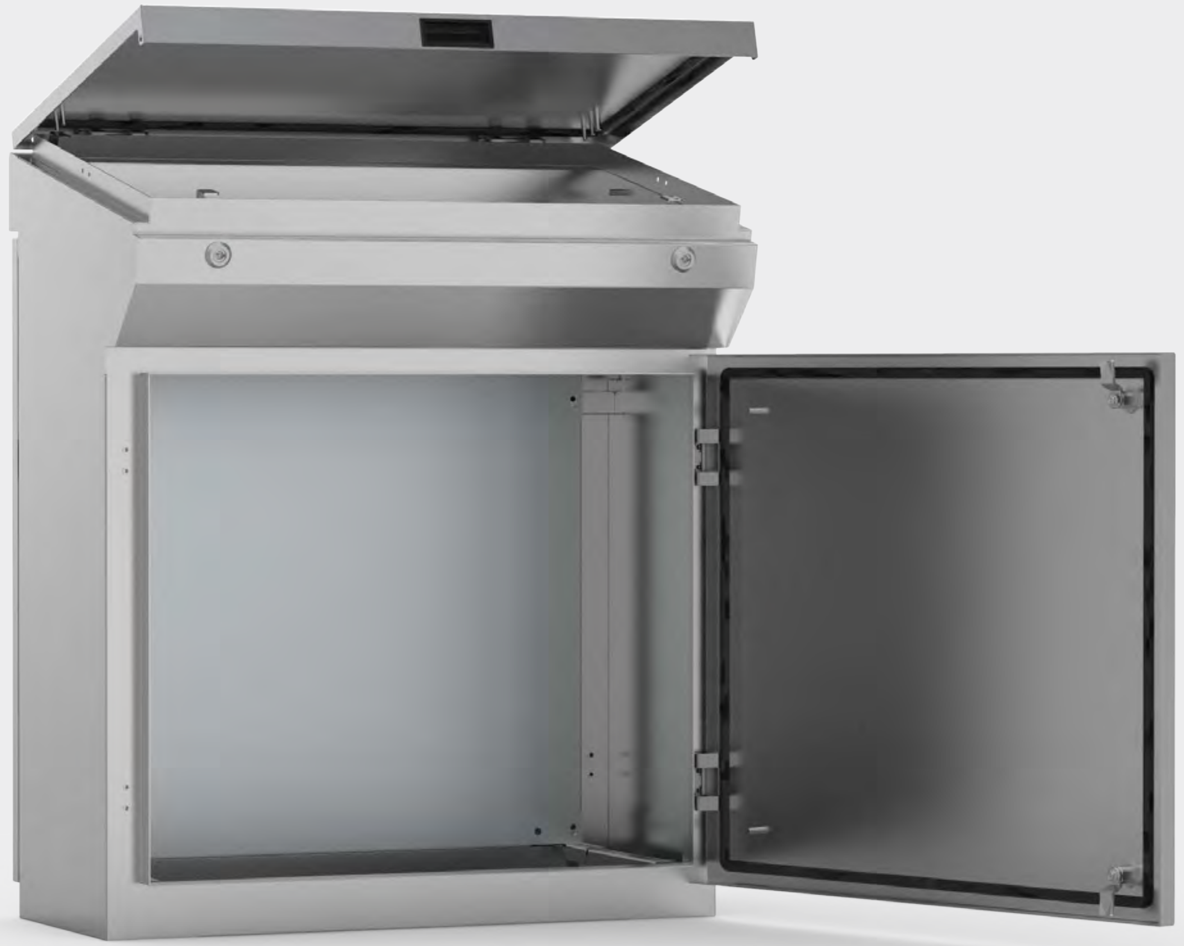
Accessories selection matrix | MPC

Console				**Mounting**		**Lids**	
	H	**W**	**D**	**Mounting plate**	**Segregation plate**	**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	-	BDP06R5	-
MPC083R5	700	800	500	CBPZ08	-	BDP08R5	-
MPC103R5	700	1000	500	CBPZ10	-	BDP10R5	-
MPC123R5	700	1200	500	CBPZ12	-	BDP12R5	-
MPC163R5	700	1600	500	CBPZ16	-	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
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 includes 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:
400 pre-grained stainless steel.

Protection:
Single door: IP 66 | TYPE 4X, 12, 13 | IK 10. Double door: IP 55 | TYPE 12, 13 | IK 10.

Delivery:
Mounting plate and suitable nuts and washers for earthing. The console is delivered on a wooden pallet.

Dimensional table | MPGS

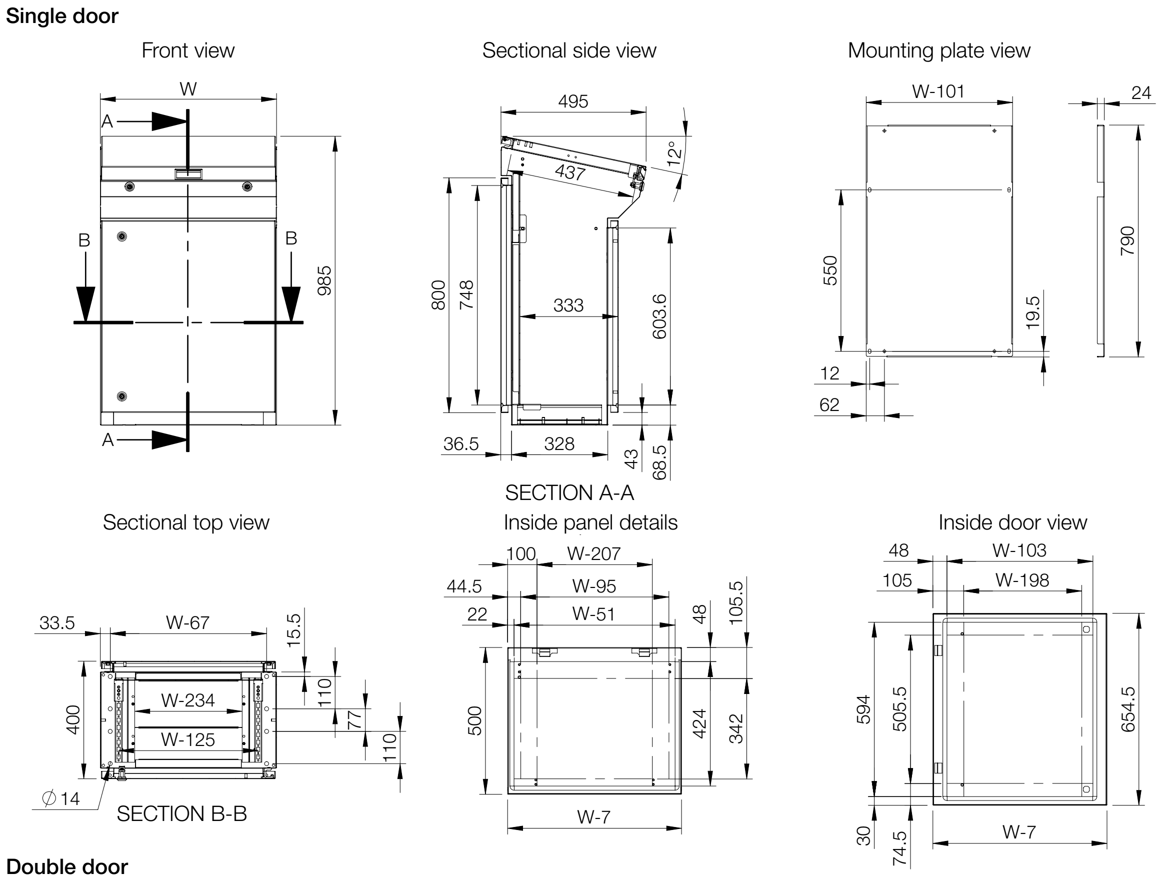
IP 66 | TYPE 4X, 12, 13 | IK 10 (single door); IP 55 | TYPE 12, 13 | IK 10 (double door)

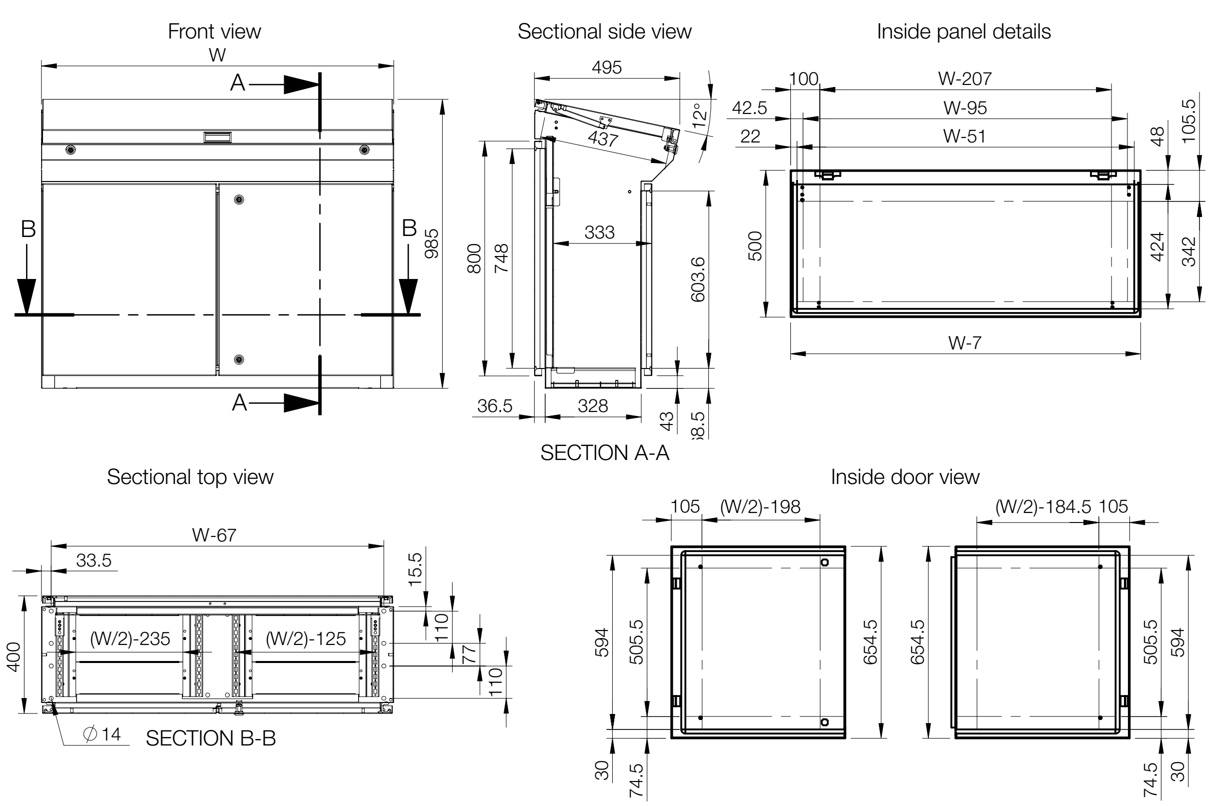
Stainless steel

Enclosure dimensions			Mounting plate dimensions		Usable depth	
H	**W**	**D**	**h**	**w**	**d**	**Item no.**
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. * On request.*

Dimensional drawing | MPGS


Single door
Front view
W
A
B
B
985
A
Sectional side view
495
437
12°
800
748
333
603.6
36.5
328
43
68.5
SECTION A-A
Mounting plate view
W-101
24
550
790
19.5
12
62
Sectional top view
33.5
W-67
15.5
400
W-234
W-125
110
77
110
∅14
SECTION B-B
Inside panel details
100
W-207
44.5
W-95
22
W-51
48
105.5
500
424
342
W-7
Inside door view
48
W-103
105
W-198
594
505.5
654.5
30
74.5
W-7


Double door
Front view
W
A
B
B
985
A
Sectional side view
495
437
12°
800
748
333
603.6
36.5
328
43
68.5
SECTION A-A
Inside panel details
100
W-207
42.5
W-95
22
W-51
48
105.5
500
424
342
W-7
Sectional top view
W-67
33.5
15.5
400
(W/2)-235
(W/2)-125
110
77
110
∅14
SECTION B-B
Inside door view
105
(W/2)-198
(W/2)-184.5
105
594
505.5
654.5
654.5
505.5
594
30
74.5
74.5
30

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 includes 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 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:
400 pre-grained stainless steel.

Protection:
Single door: IP 66 | TYPE 4X, 12, 13 | IK 10. Double door: IP 55 | TYPE 12, 13 | IK 10.

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			
H	**W**	**D**	**Item no.**
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			
H	**W**	**D**	**Item no.**
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

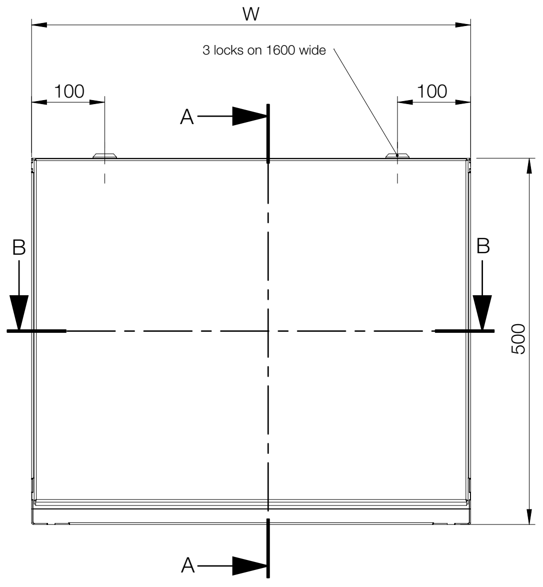
Enclosure dimensions			Mounting plate dimensions		Usable depth	
H	**W**	**D**	**h**	**w**	**d**	**Item no.**
700	600	500	590	499	470.5	MPCS063
700	600	500	590	499	470.5	MPCS063-316
700	800	500	590	699	470.5	MPCS083
700	800	500	590	699	470.5	MPCS083-316
700	1000	500	590	899	470.5	MPCS103
700	1000	500	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. * On request.*

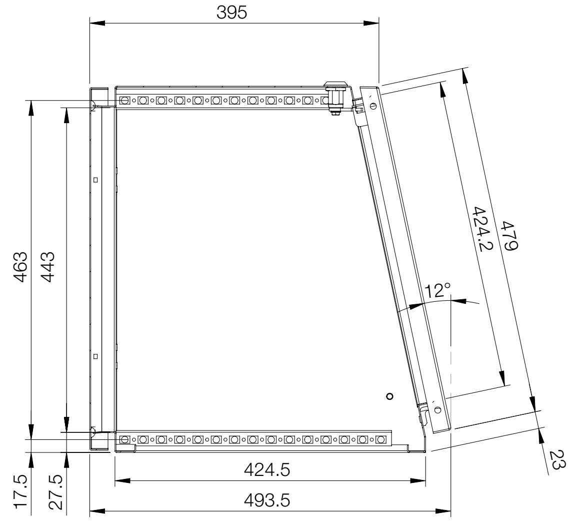
Dimensional drawing | MPCS

Top section units

Front view

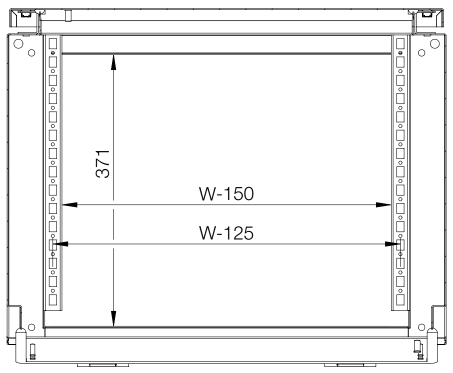

W
3 locks on 1600 wide
100
100
A
A
B
B
500

Sectional side view


395
463
443
424.2
479
12°
23
424.5
493.5
17.5
27.5

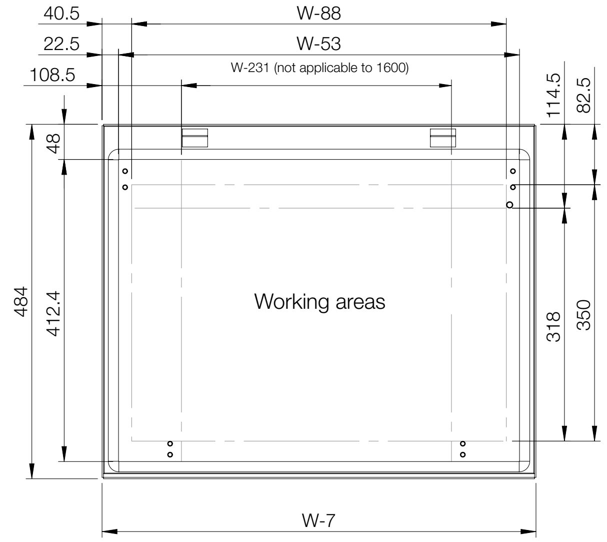
SECTION A-A

Sectional top view


371
W-150
W-125

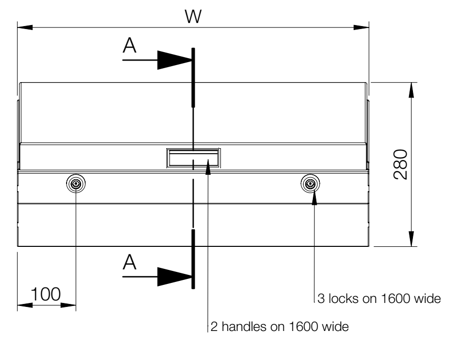
SECTION B-B

Inside panel view

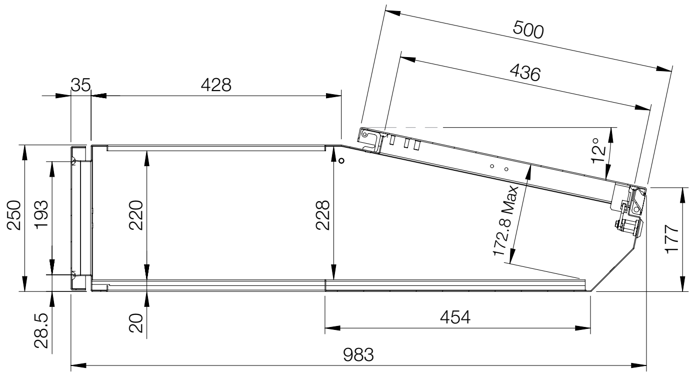

40.5
W-88
22.5
W-53
108.5
W-231 (not applicable to 1600)
114.5
82.5
48
484
412.4
Working areas
318
350
W-7

Desk unit

Front view

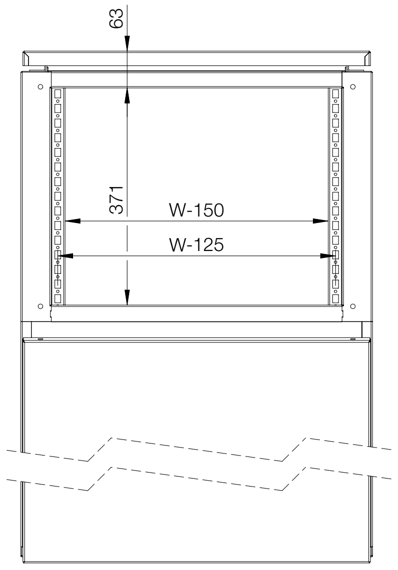

W
A
A
280
100
3 locks on 1600 wide
2 handles on 1600 wide

Sectional side view

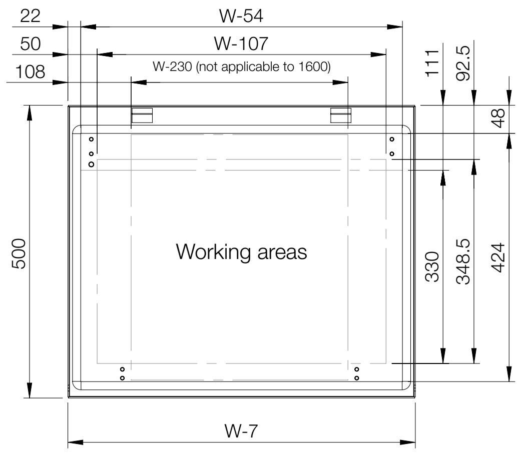

500
436
35
428
12°
250
193
220
228
172.8 Max
177
28.5
20
454
983

SECTION A-A

Top view


63
371
W-150
W-125

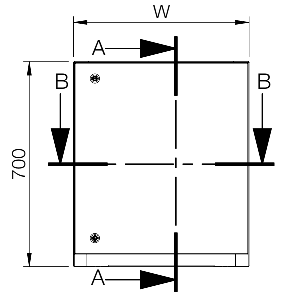
Inside panel view


22
50
108
W-54
W-107
W-230 (not applicable to 1600)
111
92.5
48
500
Working areas
330
348.5
424
W-7

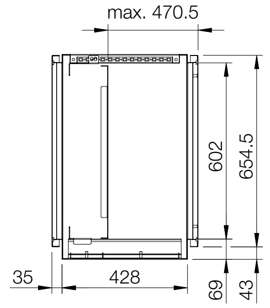
Base unit with mounting plate

Single door

Front view

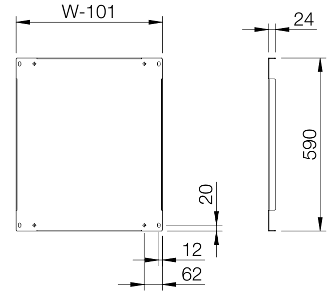


Sectional side view

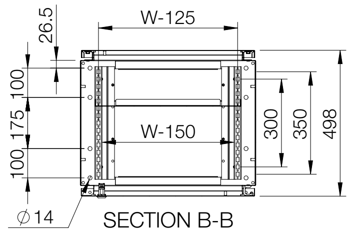

max. 470.5
602
654.5
35
428
69
43

SECTION A-A

Mounting plate view

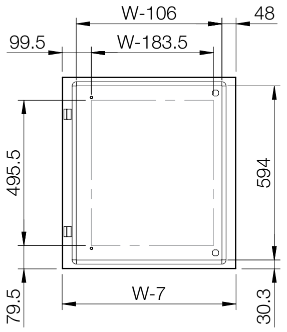

W-101
24
590
20
12
62

Sectional top view


26.5
W-125
100
175
100
W-150
300
350
498
∅14

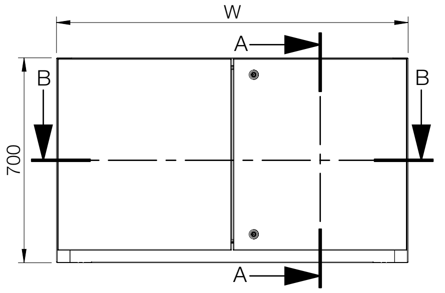
SECTION B-B

Inside door view

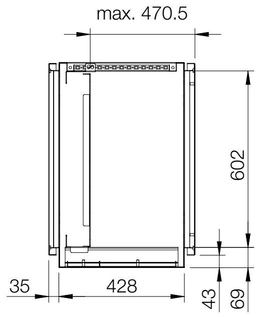

W-106
48
99.5
W-183.5
495.5
594
79.5
W-7
30.3

Double door

Front view

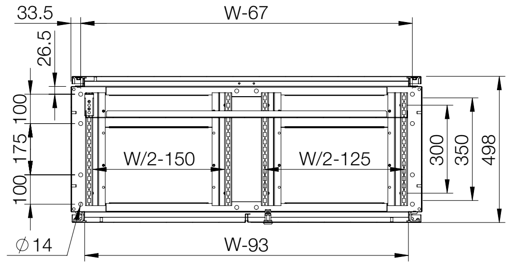


Sectional side view


max. 470.5
602
35
428
43
69

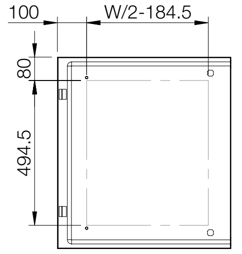
SECTION A-A

Sectional top view

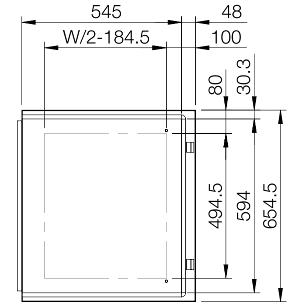

33.5
W-67
26.5
100
175
100
W/2-150
W/2-125
300
350
498
∅14
W-93

SECTION B-B

Inside right door view


100
W/2-184.5
80
494.5

Inside left door view


545
48
W/2-184.5
100
80
30.3
494.5
594
654.5

Accessories selection matrix | MPGS

Console				**Mounting**		**Fixing**	
	H	**W**	**D**	**Mounting plate**	**Depth adjustment kit**	**Plinth (100 mm height)**	**Plinth (200 mm height)**
MPGS06	985	600	400	GCPZ06	MPGDA01	MSNS1064	MSNS2064
MPGS06-316	985	600	400	GCPZ06	MPGDA01	MSNS1064	MSNS2064
MPGS08	985	800	400	GCPZ08	MPGDA01	MSNS1084	MSNS2084
MPGS08-316	985	800	400	GCPZ08	MPGDA01	MSNS1084	MSNS2084
MPGS10	985	1000	400	GCPZ10	MPGDA01	MSNS1104	MSNS2104
MPGS10-316	985	1000	400	GCPZ10	MPGDA01	MSNS1104	MSNS2104
MPGS12	985	1200	400	GCPZ12	MPGDA01	MSNS1124	MSNS2124
MPGS12-316	985	1200	400	GCPZ12	MPGDA01	MSNS1124	MSNS2124

Accessories selection matrix | MPCS

Console				**Mounting**		**Fixing**		**Lids**
	H	**W**	**D**	**Mounting plate**	**Segregation plate**	**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	-	MSNS1065	MSNS2065	BDPS06
MPCS063-316	700	600	500	CBPZ06	-	MSNS1065	MSNS2065	BDPS06
MPCS083	700	800	500	CBPZ08	-	MSNS1085	MSNS2085	BDPS08
MPCS083-316	700	800	500	CBPZ08	-	MSNS1085	MSNS2085	BDPS08
MPCS103	700	1000	500	CBPZ10	-	MSNS1105	MSNS2105	BDPS10
MPCS103-316	700	1000	500	CBPZ10	-	MSNS1105	MSNS2105	BDPS10
MPCS123	700	1200	500	CBPZ12	-	MSNS1125	MSNS2125	BDPS12
MPCS123-316	700	1200	500	CBPZ12	-	MSNS1125	MSNS2125	BDPS12
MPCS163	700	1600	500	CBPZ16	-	2x MSNS1085	2x MSNS2085	BDPS16
MPCS163-316	700	1600	500	CBPZ16	-	2x MSNS1085	2x MSNS2085	BDPS16

Human Machine Interface

Consoles Range

Accessories

Mounting plate, GCPZ

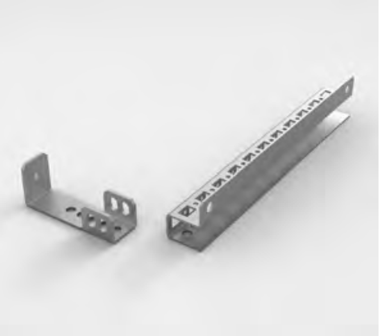
Description: Standard mounting plate for MPG(S) console. Adjustable in depth using MPGDA accessory.

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		
W	h	w	Item no.
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		
W	h	w	Item no.
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

4

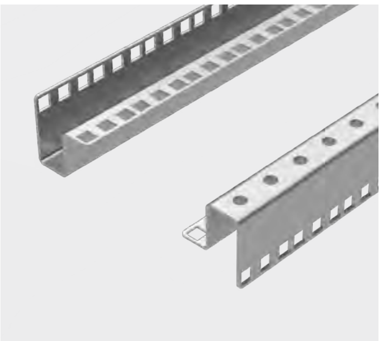
Description: Used to separate top section and desk unit. Can also be used as a mounting plate in desk.

Material: 3 mm zinc plated steel.

Pack quantity: 1 plate with mounting accessories.

For console	Mounting plate dimensions		
W	h	w	Item no.
600	410	530	SGPZ06
800	410	730	SGPZ08
1000	410	930	SGPZ10
1200	410	1130	SGPZ12
1600	410	1530	SGPZ16

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.

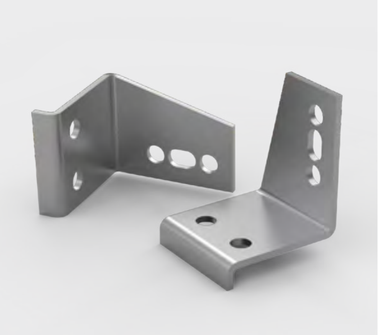
N° of units	Item no.
6	DNN06
9	DNN09
10	DNN10
11	DNN11
13	DNN13
15	DNN15

Human Machine Interface

Consoles Range

Accessories

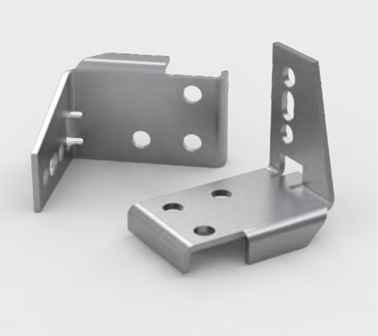
Mounting angles (19”) fixing brackets, DND



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-HMI

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 PST 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 requirements:	Add the side panels PST for a complete plinth.

Plinth	**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.

Plinth	**For console**	
H	**D**	**Item no.**
100	400	PST1040
100	500	PST1050
200	400	PST2040
200	500	PST2050

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:	400 pre-grained stainless steel.
Pack quantity:	1 plinth with mounting material.

Plinth	**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.

Accessories

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

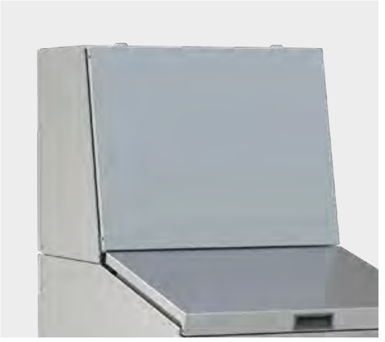
Description:	Used to cover top opening of base or desk unit in MPCS consoles.
Material:	2 mm AISI 304 pre-grained stainless steel.
Finish:	400 pre-grained stainless steel.
Pack quantity:	1 piece with mounting accessories.

For console	
W	**Item no.**
600	BDPS06
800	BDPS08
1000	BDPS10
1200	BDPS12
1600	BDPS16

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:	400 pre-grained stainless steel.

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:	400 pre-grained stainless steel.

For console	
W	**Item no.**
600	MPLS062
800	MPLS082
1000	MPLS102
1200	MPLS122
1600	MPLS162

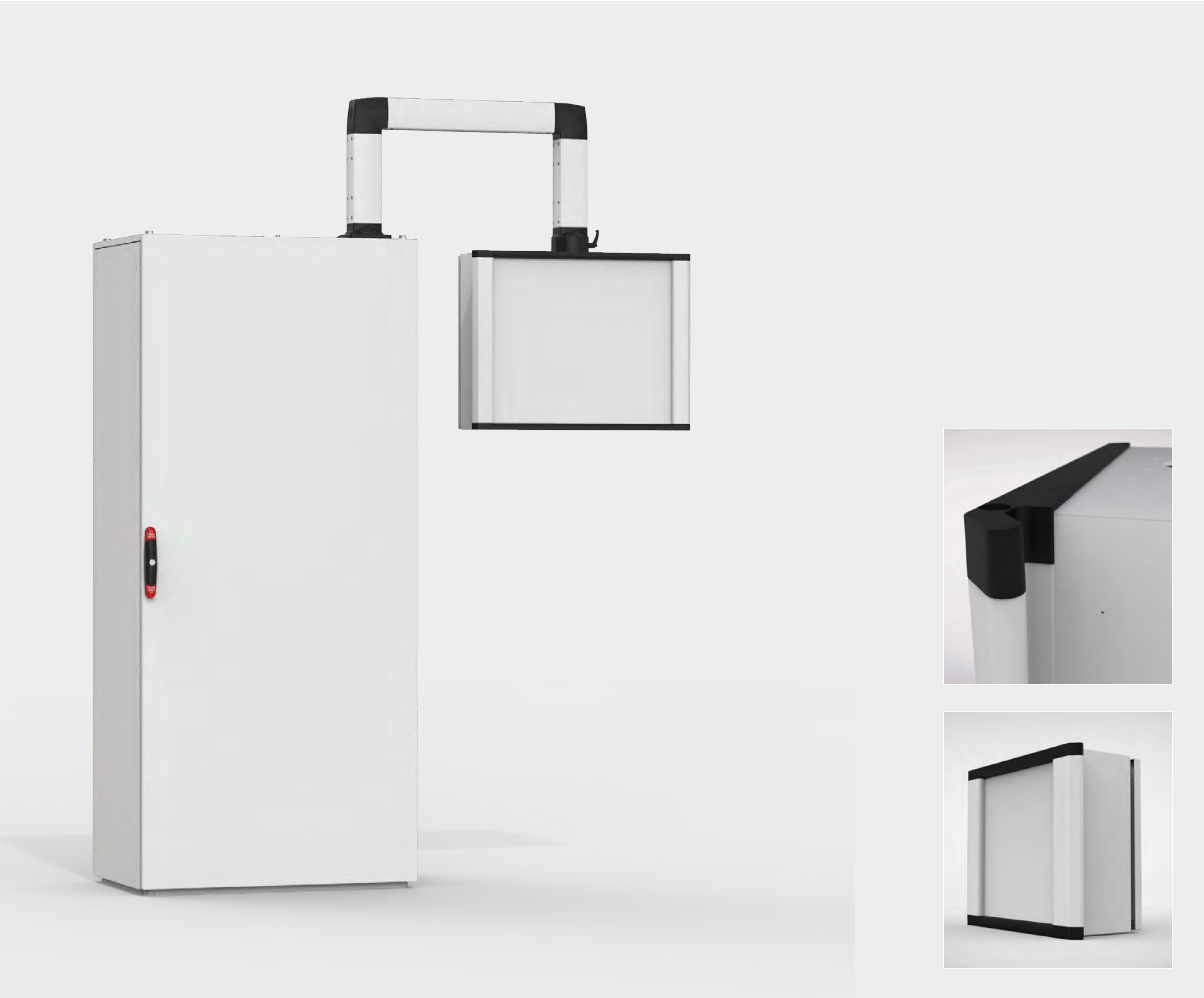
Gas spring, MPGR

Description:	Gas spring that can replace the standard hinge for the desk. May be used with all standard consoles.
Pack quantity:	2 gas springs with mounting accessories.

Description	Item no.
Gas spring 150 Newton	MPGR150
Gas spring 250 Newton	MPGR250

Human Machine Interface
Swing Arm System | Mild Steel
Control enclosure | OICE

IP 55 | IK 10



Material:
Body and door are manufactured from 1.2 mm mild steel, front cover and handles manufactured from 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. Top bottom profile RAL7016.

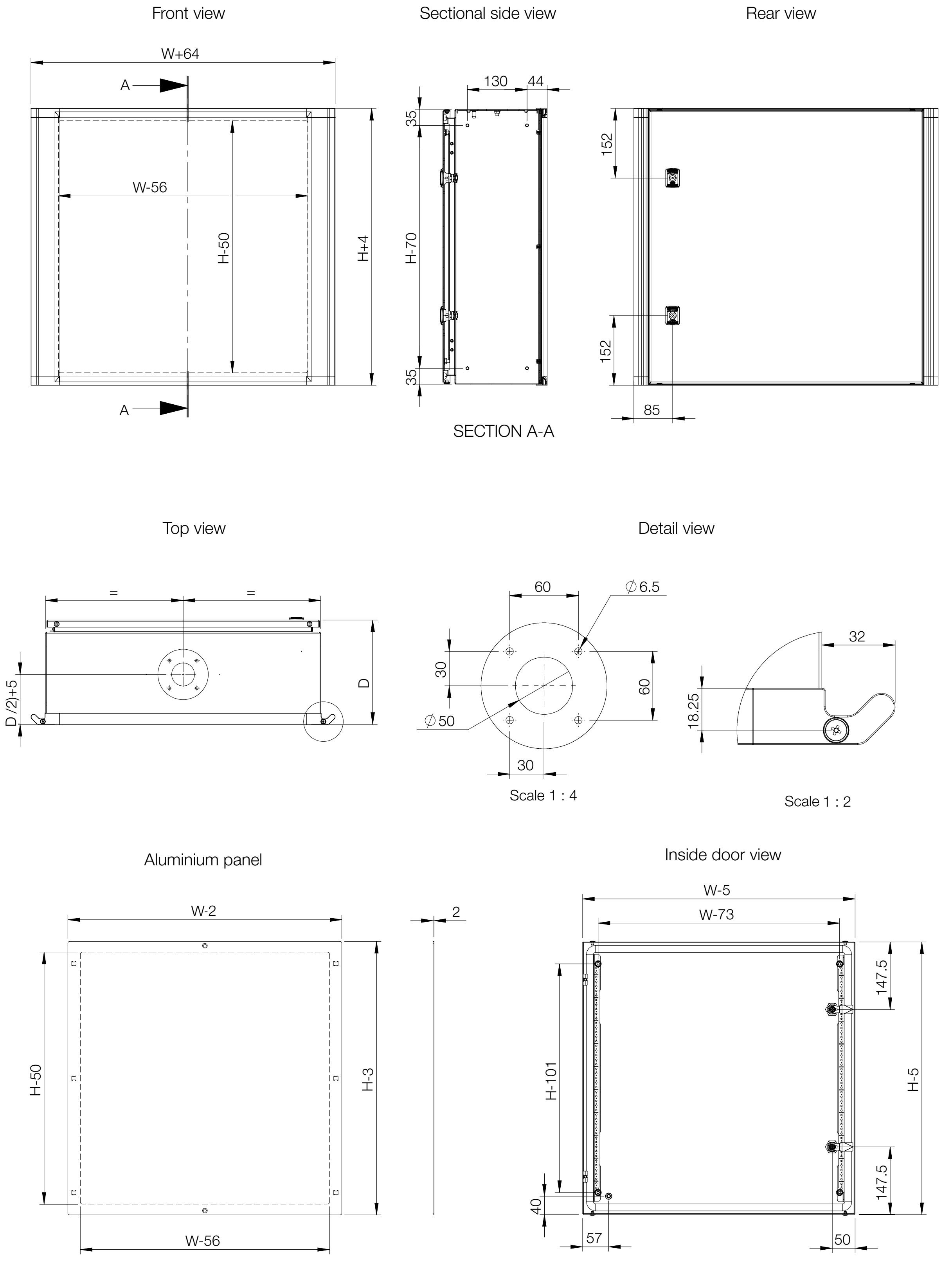
Delivery:
Enclosure with aluminium front panel, rear door, plastic double-bit 3 mm key and mounting accessories.

Dimensional table | OICE

IP 55 | IK 10

Enclosure dimensions			
H	**W**	**D**	**Item no.**
300	300	155	OICE303015
300	400	210	OICE304021
400	400	210	OICE404021
400	600	210	OICE406021
500	500	210	OICE505021
500	600	210	OICE506021
600	600	210	OICE606021

Dimensional drawing | OICE


Front view
W+64
A
A
W-56
H-50
H+4
Sectional side view
130
44
35
H-70
35
SECTION A-A
Rear view
152
152
85
Top view
=
=
D /2)+5
D
Detail view
60
∅6.5
30
60
∅50
30
Scale 1 : 4
32
18.25
Scale 1 : 2
Aluminium panel
W-2
2
H-50
H-3
W-56
Inside door view
W-5
W-73
147.5
H-101
H-5
147.5
40
57
50

Human Machine Interface

Operating Housing

Accessories

Mounting plate, BMP-HMI

Description:	Steel mounting plate for terminal boxes.
Material:	2 mm galvanized steel.
Pack quantity:	1 piece.

Box dimension		Mounting plate dimensions		
H	**W**	**h**	**w**	**Item no.**
200	300	175	270	BMP2030
200	400	175	370	BMP2040
200	500	175	470	BMP2050
200	600	180	570	BMP2060

Bottom profile, BPP-HMI

Description:	Bottom profile for DIN rail mounting.
Material:	Galvanized steel.
Pack quantity:	2 pieces.

For box	
H/W	**Item no.**
150	BPP15
200	BPP20

Locks, ALL-HMI

Description:	Alternative locks to replace the standard one.
Pack quantity:	1 piece.

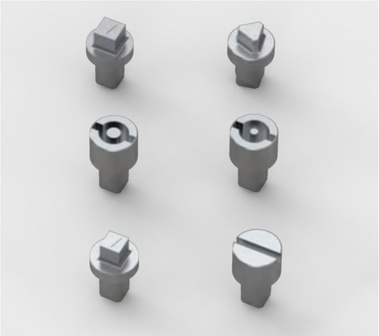
Description	Type	Protection	Item no.
Chrome plated lock with cylinder	Ronis key n° M21323	IP 65	ALL508
Polyamide lock with cylinder	Key 5333	IP 55	ALL509
Lock with cylinder	Ronis key n° C21323	IP 65	ALL510N

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
Triangular 8 mm	ALIS524
Square 8 mm	ALIS525
Slotted 2x4 mm	ALIS528

Not suitable for AFS.



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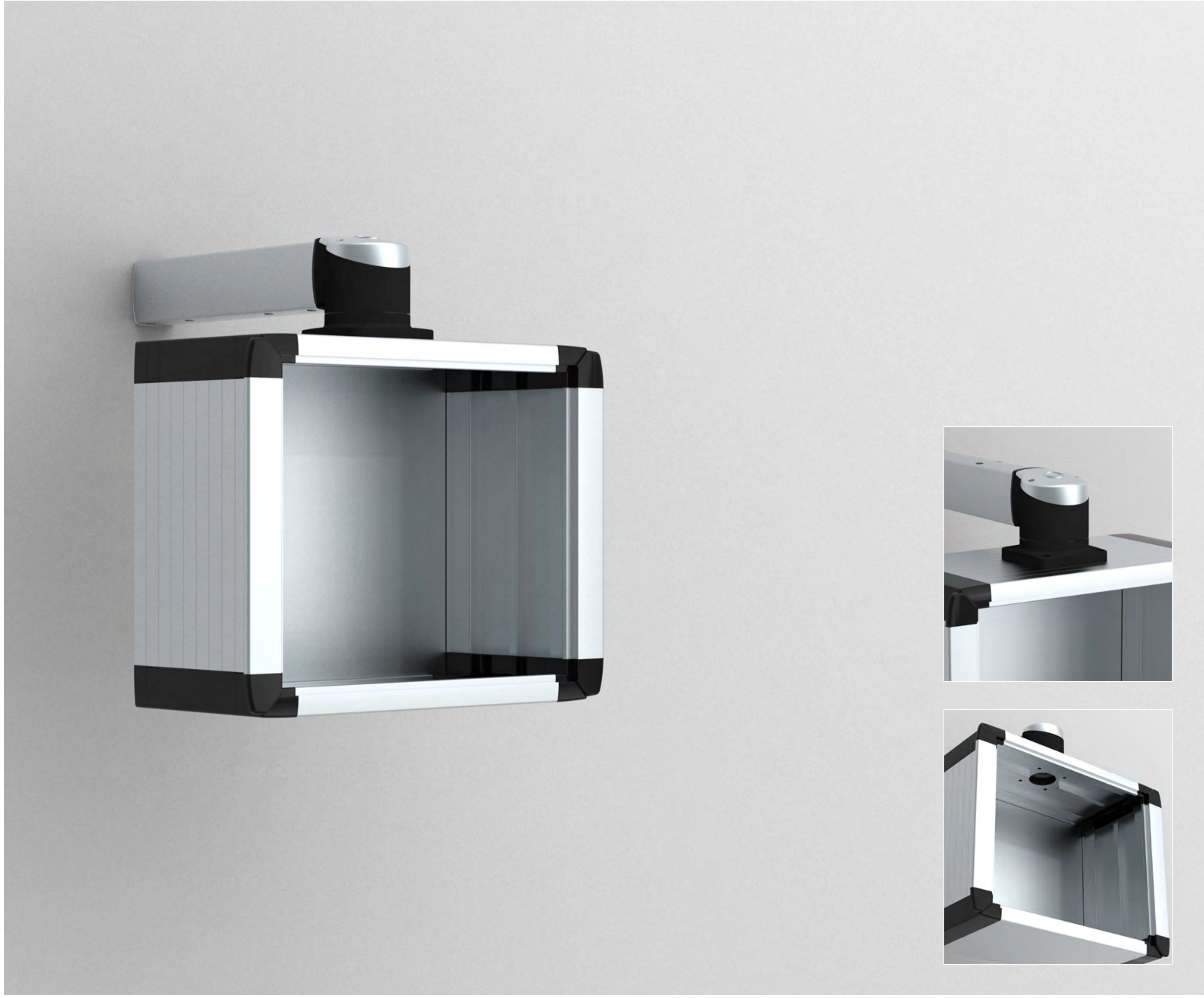
Door mounting profiles, MMDP-HMI

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.**
400	MMDP040
500	MMDP050

Human Machine Interface
Swing Arm System | 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.

Mounting requirements:
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.

CE UK CA

Dimensional table | OICP

IP 65

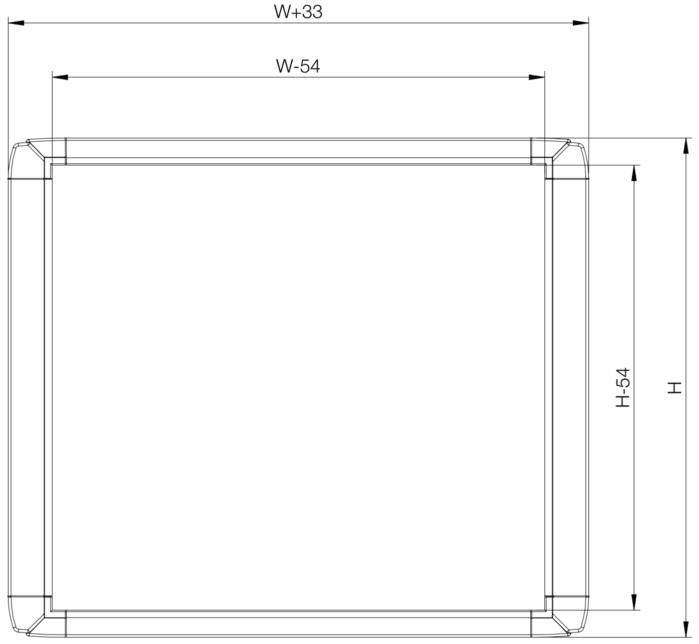
H	W	D	Weight (kg)	Item no.
309	525	200	7.90	OICP305220
345	395	200	7.00	OICP343920
354	525	200	8.30	OICP355220
398	525	200	9.00	OICP395220
415	470	200	8.50	OICP414720
495	542	200	10.25	OICP495420

The external enclosure dimension is increased by 16.5 mm, on the side where there is a grip profile.

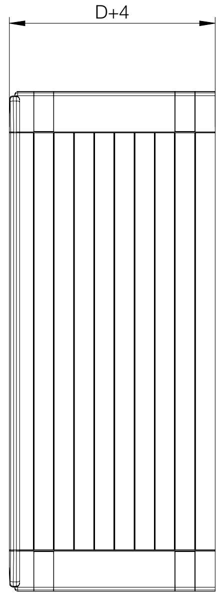
SIEMENS
SIMATIC MULTI PANEL
TOUCH

Dimensional drawing | OICP

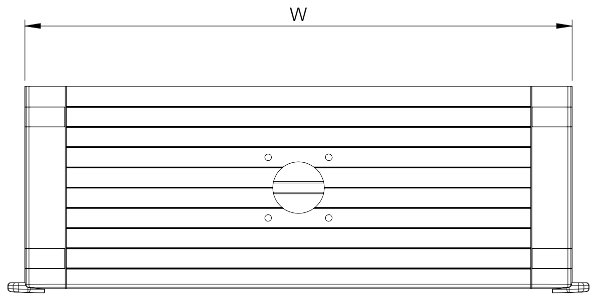
Front view


W+33
W-54
H-54
H

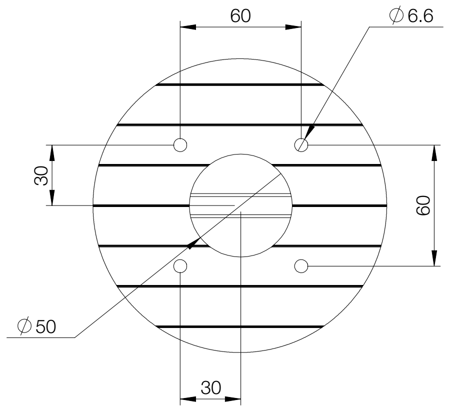
Side view



Top view



Detail view


60
∅6.6
30
60
∅50
30

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

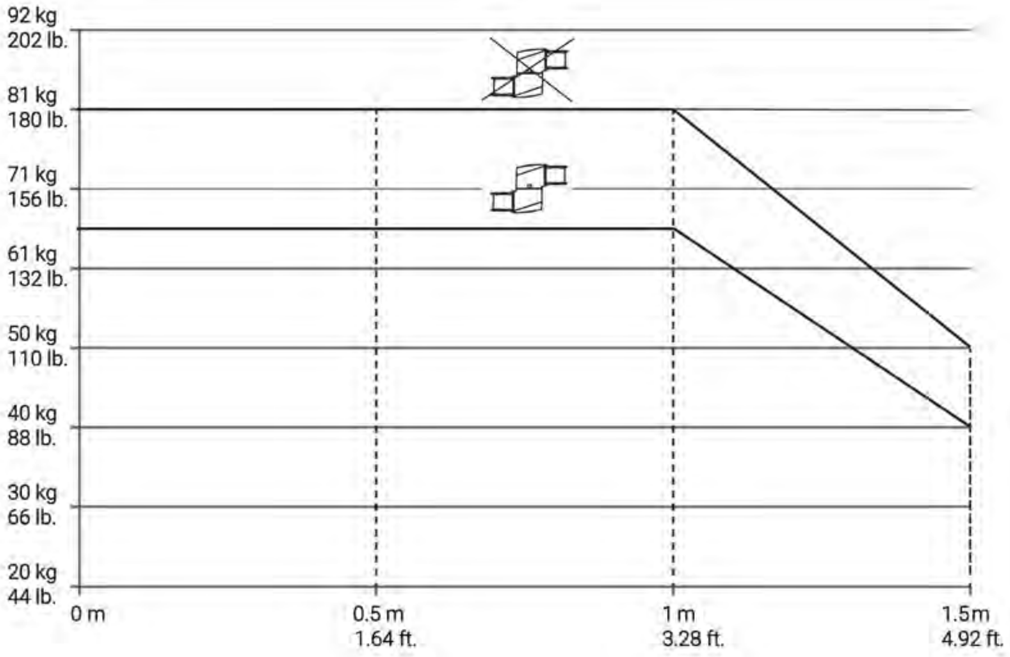
Description:	Rigid elements for connecting two OICP control panels. Machining is required.
Material:	Aluminium.
Finish:	RAL 9006.
Pack quantity:	2 pcs with mounting accessories.

Item no.
OIPC01

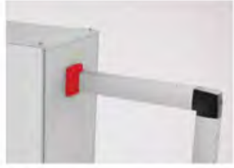
Human Machine Interface

Swing Arm System

Light swing arm system, S1



Length of the extension arm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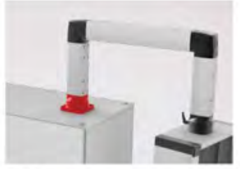
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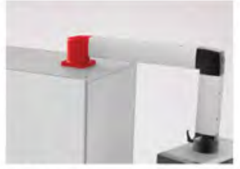
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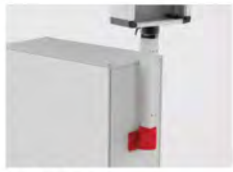
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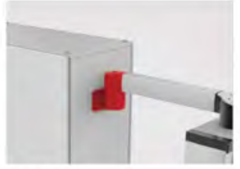
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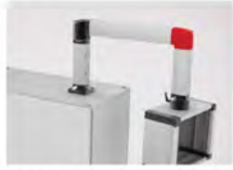
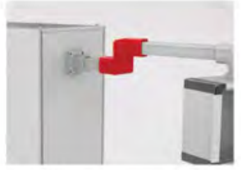
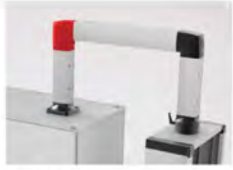
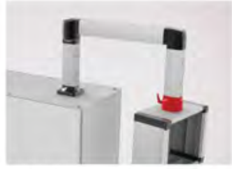
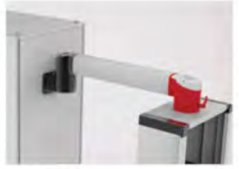

S1ME


S1MIJ


S1MER


S1MFC


S1MFEC

S1MT

Human Machine Interface

Swing Arm System

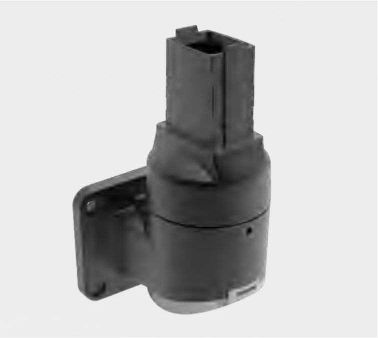
Accessories

Operator arm profile, light, S1MT

Additional information:	Aluminum tubes provide structural integrity and act as conduit for equipment wiring. Tubes attach to system components with 6 setscrews on each end of the tube. Setscrews are provided with system couplings, not the tubes. Setscrews allow for easy adjustment and leveling of the system. Setscrews are provided with thread sealer providing secure connections. Available in 6 standard lengths ranging from 250 mm (9.84) to 1500 mm (59.05). Tubes 750 mm (29.53) and longer include drilling template to assist with drilling and tapping the holes when tube is cut to length.
Note:	The maximum weight which a light swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

Length	Height	Width	Item no.
250	75	55	S1MT250
500	75	55	S1MT500
750	75	55	S1MT750
1000	75	55	S1MT1000
1250	75	55	S1MT1250
1500	75	55	S1MT1500

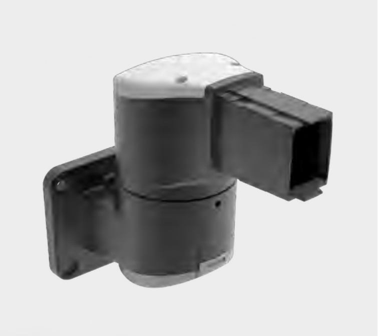
Wall joint vertical, light, S1MWJV



Additional information:	The vertical wall joint mounts the suspension system to a vertical surface, allowing the tube to extend vertically. The arm can be rotated 300 degrees. Includes a safety stop and maintenance-free bearings. Die-cast aluminum construction. Includes installation instructions, gaskets, and tube setscrews. Surface mounting hardware is not provided.
Note:	The maximum weight which a light swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

Item no.
S1MWJV

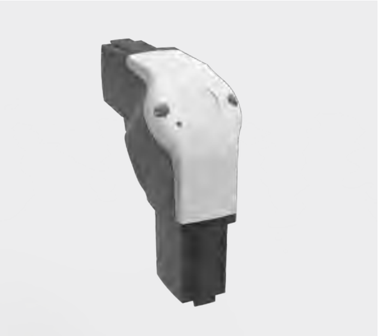
Wall joint horizontal, light, S1MWJH



Additional information:	The horizontal wall joint mounts the suspension system to a vertical surface, allowing the tube to extend horizontally. The arm can be rotated 300 degrees. Includes a safety stop and maintenance-free bearings. Die-cast aluminum construction. Includes installation instructions, gaskets, and tube setscrews. Surface mounting hardware is not provided.
Note:	The maximum weight which a light swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

Item no.
S1MWJH

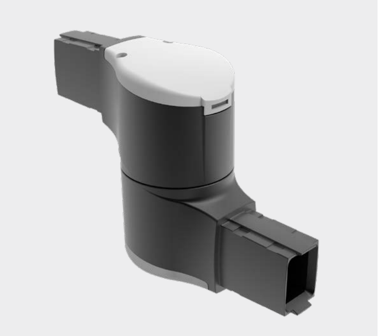
Elbow, light, S1ME



Additional information:	The elbow provides a 90-degree bend in the suspension system. Die-cast aluminum construction. Includes installation instructions, gaskets, and tube setscrews.
Note:	The maximum weight which a light swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

Item no.
S1ME

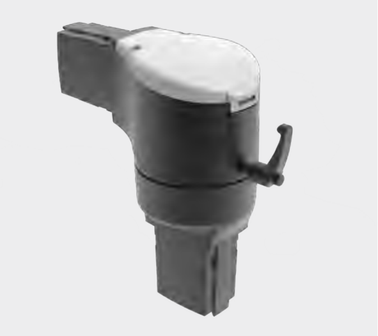
Intermediate joint, light, S1MIJ



Additional information:	Use an intermediate joint to join two horizontal tubes together for a longer length. The arm can be rotated 300 degrees. Includes safety stop and maintenance-free bearings. Die-cast aluminum construction. Includes installation instructions, gaskets, and tube setscrews. Use of the intermediate joint reduces the system load rating capacity to 146 lb. (66 kg) at 3.3 ft. (1 m).
Note:	The maximum weight which a light swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

Item no.
S1MIJ

Rotatable elbow, light, S1MER



Additional information:	The rotatable elbow provides a 90-degree bend in the suspension system and allows the vertical tube to rotate 300 degrees. Includes safety stop and maintenance-free bearings. Die-cast aluminum construction. Includes installation instructions, gaskets, and tube setscrews.
Note:	The maximum weight which a light swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

Item no.
S1MER

Human Machine Interface

Swing Arm System

Accessories

Coupling HMI, light, S1MFC

Additional information: The flange coupling attaches a tube to the enclosure, enabling 300-degree enclosure rotation and can be locked into a given position. The flange coupling has a safety stop and maintenance-free bearings. Die-cast aluminum construction. Includes installation instructions, gaskets, tube setscrews and enclosure mounting hardware.

Note: The maximum weight which a light swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

Item no.
S1MFC

Elbow coupling HMI, light, S1MFEC

Additional information: The flange elbow coupling attaches directly to the enclosure for applications where a vertical tube is not required. It enables the enclosure to rotate 300 degrees and can be locked into a given position. The flange elbow coupling has a safety stop and maintenance-free bearings. Die-cast aluminum construction. Includes installation instructions, gaskets, tube setscrews and enclosure mounting hardware.

Note: The maximum weight which a light swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

Item no.
S1MFEC

Narrow adaper, light, S1MA

Additional information: The Narrow Adapter can be attached to the Flange Coupling and Flange Elbow Coupling to create a narrower connection to an enclosure. Specifically designed for use with the Suspend Aluminum HMI Enclosures that have 66mm of usable space. Does not inhibit coupling functionality. Die-cast aluminum construction. Includes installation instructions, gaskets, and mounting hardware.

Note: The maximum weight which a light swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

Item no.
S1MA

Horiz. panel coupling,light, S1MPCH

Additional information: The horizontal panel coupling mounts a horizontal tube to the back of an enclosure or screen using Video Electronics Standards Association (VESA) mounting. The coupling has mounting holes drilled for standard VESA 75 and 100 flange sizes. It enables the enclosure to rotate 300 degrees and can be locked into a given position. The horizontal panel coupling has a safety stop and maintenance-free bearings. Die-cast aluminum construction. Includes installation instructions, gaskets, tube setscrews and enclosure mounting hardware.

Note: The maximum weight which a light swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

Item no.
S1MPCH

Vertical panel coupling, light, S1MPCV

Additional information: he vertical panel coupling mounts a vertical tube to the back of an enclosure or screen using Video Electronics Standards Association (VESA) mounting. The coupling has mounting holes drilled for standard VESA 75 and 100 flange sizes. It enables the enclosure to rotate 300 degrees and can be locked into a given position. The vertical panel coupling has a safety stop and maintenance-free bearings. Die-cast aluminum construction. Includes installation instructions, gaskets, tube setscrews and enclosure mounting hardware.

Note: The maximum weight which a light swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

Item no.
S1MPCV

Reduction elbow, light, S1MRE

Additional information: The reduction elbow provides a 90-degree bend in the suspension system between the horizontal tube and base connection of the Syspend 281-Max system and the vertical components of the Syspend 180-Max system. Die-cast aluminum construction. Available in RAL 9005 black finish only. Includes installation instructions, gaskets, and tube setscrews. Use of the reduction elbow with the Syspend 281-Max base and tube increases the system load rating to 281 lb. (127 kg) at 3.3 ft. (1 m).

Note: The maximum weight which a light swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

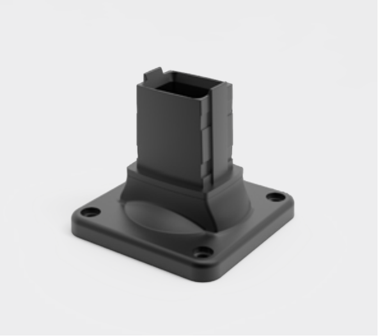
Item no.
S1MRE

Human Machine Interface

Swing Arm System

Accessories

Base/ wall bracket, light, S1MWF



Additional information: The wall flange allows for fixed positioning on a horizontal or vertical surface when rotation is not needed. Die-cast aluminum construction. Includes installation instructions, gaskets, and tube setscrews. Surface mounting hardware is not provided.

Note: The maximum weight which a light swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

Item no.
S1MWF

Rotary base bracket, light, S1MTBB

Additional information: The rotatable base bracket allows the entire suspension system to rotate at the point of attachment on a horizontal surface. The arm can be rotated 300 degrees. Includes a safety stop and maintenance-free bearings. Die-cast aluminum construction. Includes installation instructions, gaskets, and tube setscrews. Surface mounting hardware is not provided.

Note: The maximum weight which a light swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

Item no.
S1MTBB

Set up joint, light, S1MSJ

Additional information: The set-up joint mounts the suspension system to a horizontal surface. The arm can be rotated 300 degrees. Includes a safety stop and maintenance-free bearings. Die-cast aluminum construction. Includes installation instructions, gaskets, and tube setscrews. Surface mounting hardware is not provided.

Note: The maximum weight which a light swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

Item no.
S1MSJ

Rotation limiter (aluminum), S1MRL

Additional information: Rotation limiters are a retro-fit option to limit the rotation of couplings and joints which normally rotate 300 degrees. Each block limits rotation 30 degrees. Kit includes six rotation limiting blocks and installation instructions.

Note: The maximum weight which a light swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

Item no.
S1MRL

Signal light adapter,round, S1MSLAR

Additional information: The signal light adapters are available in either round, elbow and reduction elbow cover versions and provide a means for attaching signal lights. Signal lights are not included. Aluminum caps are finished in RAL 9006 white aluminum powder paint. Includes caps, gasket, attachment hardware, and post.

Note: The maximum weight which a light swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

Item no.
S1MSLAR

Signal light adapter, angled, S1MSLAA

Additional information: The signal light adapters are available in either round, elbow and reduction elbow cover versions and provide a means for attaching signal lights. Signal lights are not included. Aluminum caps are finished in RAL 9006 white aluminum powder paint. Includes caps, gasket, attachment hardware, and post.

Note: The maximum weight which a light swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

Item no.
S1MSLAA

Human Machine Interface

Swing Arm System

Accessories

Signal light adapter, reduction, S1MSLARE

Additional information:	The signal light adapters are available in either round, elbow and reduction elbow cover versions and provide a means for attaching signal lights. Signal lights are not included. Aluminum caps are finished in RAL 9006 white aluminum powder paint. Includes caps, gasket, attachment hardware, and post.
Note:	The maximum weight which a light swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

Item no.
S1MSLARE

Replacement cap kit,round, S1MRCRK

Additional information:	Replacement Caps for Syspend 180 Max couplings are available in either round, elbow or reduction elbow versions. The hardware is included. The caps are aluminum finished in RAL 9006 white aluminum powder paint.
Note:	The maximum weight which a light swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

Item no.
S1MRCRK

Replacement cap kit,angled, S1MRCAK

Additional information:	Replacement Caps for Syspend 180 Max couplings are available in either round, elbow or reduction elbow versions. The hardware is included. The caps are aluminum finished in RAL 9006 white aluminum powder paint.
Note:	The maximum weight which a light swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

Item no.
S1MRCAK

Replacement cap kit,reduction, S1MRCREK

Additional information:	Replacement Caps for Syspend 180 Max couplings are available in either round, elbow or reduction elbow versions. The hardware is included. The caps are aluminum finished in RAL 9006 white aluminum powder paint.
Note:	The maximum weight which a light swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

Item no.
S1MRCREK

Replacement hardware kit, S1MRHK

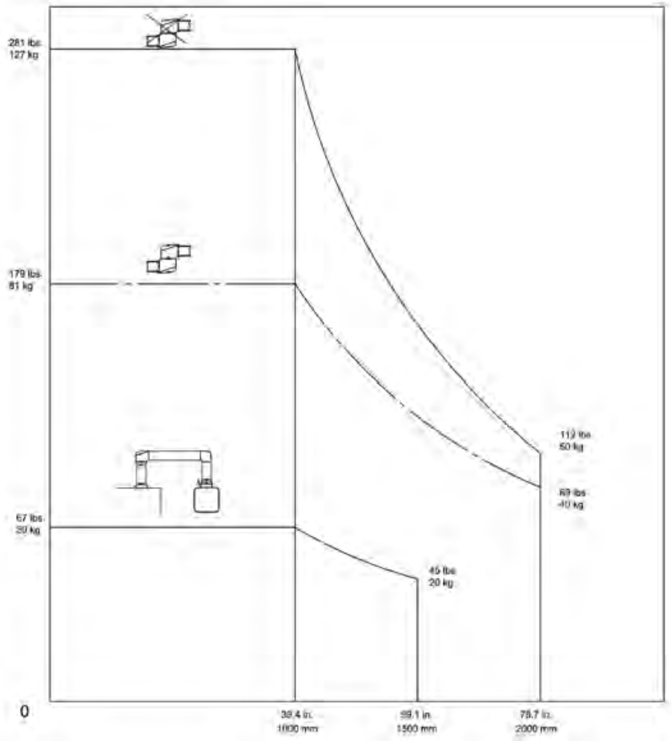
Additional information:	The replacement hardware kit includes spare parts necessary within the Syspend 180 Max system. Kit Includes: 1 lock actuator; 1 lever clamp; 1 coupling gasket; 2 flat small gaskets; 4 M6 allen head screws; 4 M6 lock washers; 12 M10 headless setscrews; 1 flat large gasket; 6 M12 headless setscrews; .5 meters of 3mm cord gasket
Note:	The maximum weight which a light swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

Item no.
S1MRHK

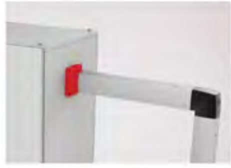
Human Machine Interface

Swing Arm System

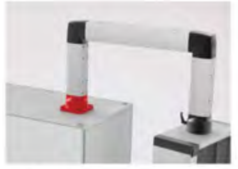
Medium swing arm system, S2



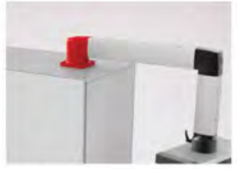
Length of the extension arm



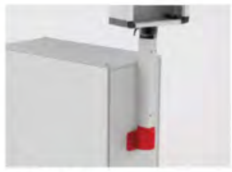
S2MWF



S2MRB



S2MSJ



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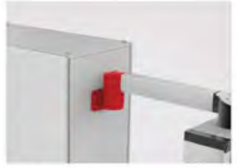
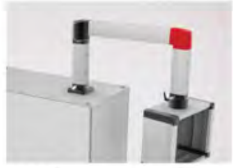
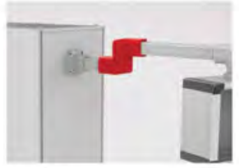


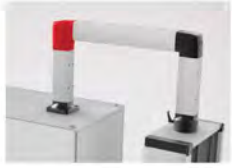
S2MWJH



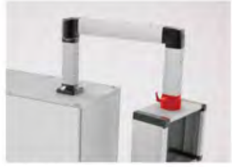
S2ME



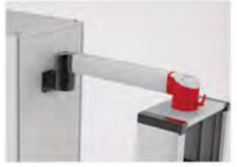
S2MIJ



S2MER



S2MFC



S2MFEC

S2MT

Human Machine Interface

Swing Arm System

Accessories

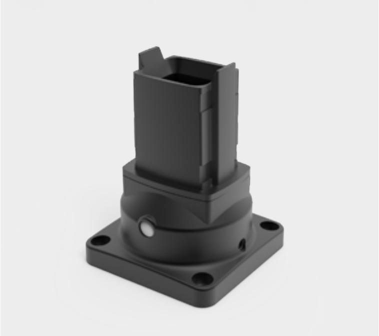
Operator arm profile, S2MT

Additional information: Angled aluminum tubes provide structural integrity and act as conduit for equipment wiring. Tubes attach to system components with 6 setscrews on each end of the tube. (Setscrews are provided with the mating system components, not the tubes.) Setscrews allow for easy adjustment and leveling of the system. Setscrews are provided with LOCTITE™ to seal threaded holes and provide secure connections. Available in 8 standard lengths ranging from 250 mm to 2000 mm. Tubes 750 mm and longer include drilling template to assist with drilling and tapping the holes when the tube is cut to length.

Note: The maximum weight a medium swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

Length	Height	Width	Item no.
250	90	70	S2MT250
500	90	70	S2MT500
750	90	70	S2MT750
1000	90	70	S2MT1000
1250	90	70	S2MT1250
1500	90	70	S2MT1500
1750	90	70	S2MT1750
2000	90	70	S2MT2000

Rotary base bracket, S2MRB

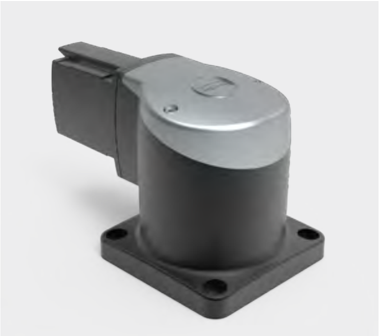


Additional information: Rotary Base allows the entire suspension system to rotate at the point of attachment on a horizontal surface. The arm can be rotated or turned 300 degrees. Includes safety stop and maintenance-free bearing. RAL 9005 black finish. Die-cast aluminum construction. Includes installation instructions, gaskets and tube setscrews. Surface mounting hardware is not provided.

Note: The maximum weight a medium swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

Item no.
S2MRB

Set up joint, S2MSJ

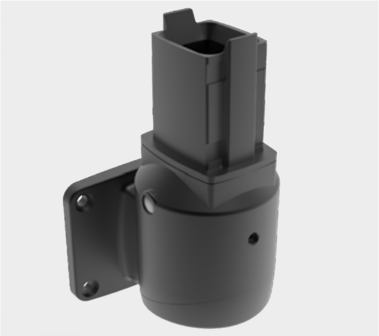


Additional information: Set-Up Joint mounts suspension system to a horizontal surface. The arm can be rotated or turned 300 degrees. Includes safety stop and maintenance-free bearing. RAL 9005 black finish. Die-cast aluminum construction. Includes removable cable access cover, installation instructions, gaskets and tube setscrews. Surface mounting hardware is not provided.

Note: The maximum weight a medium swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

Item no.
S2MSJ

Wall joint Vertical, S2MWJV

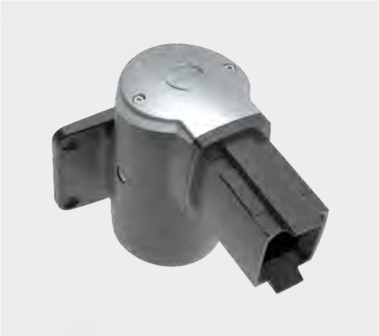


Additional information: Vertical Wall Joint mounts suspension system to vertical surface and allows tube to extend vertically. Enables the arm to be rotated or turned 300 degrees. Includes safety stop and maintenance-free bearing. RAL 9005 black finish. Die-cast aluminum construction. Includes removable cable access cover, installation instructions, gaskets and tube setscrews. Surface mounting hardware is not provided.

Note: The maximum weight a medium swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

Item no.
S2MWJV

Wall joint horizontal, S2MWJH

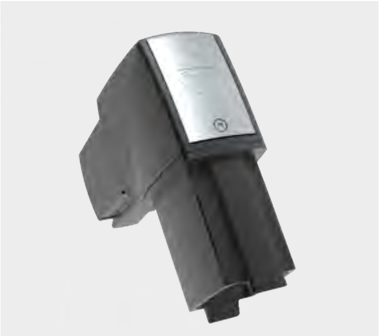


Additional information: Horizontal Wall Joint mounts suspension system to vertical surface, allowing tube to extend horizontally. The arm can be rotated or turned 300 degrees. Includes safety stop and maintenance-free bearing. RAL 9005 black finish. Die-cast aluminum construction. Includes two removable cable access covers, installation instructions, gaskets and tube setscrews. Surface mounting is hardware not provided.

Note: The maximum weight a medium swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

Item no.
S2MWJH

Elbow, S2ME



Additional information: Elbow provides a 90-degree bend in the suspension system. RAL 9005 black finish. Die-cast aluminum construction. Includes removable cable access cover, installation instructions, gaskets and tube setscrews.

Note: The maximum weight a medium swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

Item no.
S2ME

Human Machine Interface
Swing Arm System
Accessories

Rotation elbow, S2MER

Additional information:	Rotatable elbow provides a 90-degree bend in the suspension system and allows the vertical tube to rotate 300 degrees. Includes safety stop and maintenance-free bearing. RAL 9005 black finish. Die-cast aluminum construction. Includes removable cable access cover, installation instructions, gaskets and tube setscrews.
Note:	The maximum weight a medium swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

Item no.
S2MER

Intermediate joint, S2MIJ

Additional information:	Use Intermediate Joint to join two horizontal tubes together for a longer run. The arm can be rotated or turned 300 degrees. Includes safety stop and maintenance-free bearing. RAL 9005 black finish. Die-cast aluminum construction. Includes two removable cable access covers, installation instructions, gaskets and tube setscrews. Use of the Intermediate Joint reduces the system load capacity to 179 lb. (81.2 kg) at 3.3 ft. (1 m).
Note:	The maximum weight a medium swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

Item no.
S2MIJ

Couple kit HMI, S2MFC

Additional information:	Flange Coupling attaches a tube to the enclosure, enabling 300-degree enclosure rotation. The enclosure can be locked in position. Flange Coupling has safety stop and maintenance-free bearing. RAL 9005 black finish. Die-cast aluminum construction. Includes installation instructions, gaskets, tube setscrews and enclosure mounting hardware.
Note:	The maximum weight a medium swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

Item no.
S2MFC

Elbow couple kit, S2MFEC

Additional information:	Flange Elbow Coupling attaches directly to the enclosure for applications where a vertical tube is not required. Enables the enclosure to be rotated 300 degrees and locked in position. Includes safety stop and maintenance-free bearing. RAL 9005 black finish. Die-cast aluminum construction. Includes cable access cover, installation instructions, gaskets, tube setscrews and enclosure mounting hardware.
Note:	The maximum weight a medium swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

Item no.
S2MFEC

Tube adapter, S2MTA

Additional information:	Use a Tube Adapter when the tube is cut to length and it is not desirable to drill and tap new holes in the tube. The adapter attaches to the tube with internal setscrews and provides mounting holes at the end where the tube was cut. RAL 9005 black finish. Die-cast aluminum construction. Includes installation instructions, gasket and hardware for attaching to the tube.
Note:	The maximum weight a medium swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

Item no.
S2MTA

Angled coupling tilted back, S2MACB

Additional information:	Use Angled Coupling Tilted Backward to mount enclosure at a 15-degree backward angle. The enclosure can be rotated 300 degrees and locked in position. Includes safety stop and maintenance-free bearing. RAL 9005 black finish. Die-cast aluminum construction. Includes installation instructions, gaskets, tube setscrews and enclosure mounting hardware.
Note:	The maximum weight a medium swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

Item no.
S2MACB

Human Machine Interface

Swing Arm System

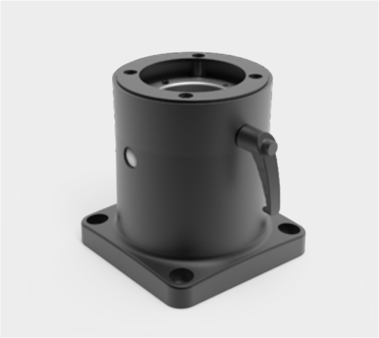
Accessories

Angled coupling tilted forward, S2MACF

Additional information:	Use Angled Coupling Tilted Forward to mount enclosure at a 15-degree forward angle. The enclosure can be rotated 300 degrees and locked in position. Includes safety stop and maintenance-free bearing. RAL 9005 black finish. Die-cast aluminum construction. Includes installation instructions, gaskets, tube setscrews and enclosure mounting hardware.
Note:	The maximum weight a medium swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

Item no.
S2MACF

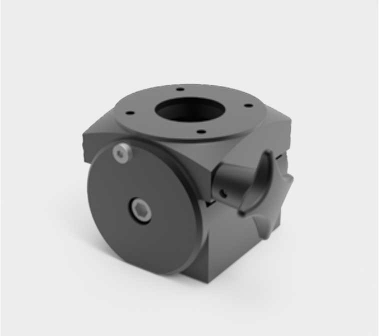
Base coupling, S2MBC



Additional information:	Base Coupling attaches the enclosure directly to a horizontal surface. The enclosure can be rotated 300 degrees and locked in position. Includes safety stop and maintenance-free bearing. RAL 9005 black finish. Die-cast aluminum construction. Includes installation instructions, gaskets and enclosure mounting hardware. Surface mounting hardware is not provided.
Note:	The maximum weight a medium swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

Item no.
S2MBC

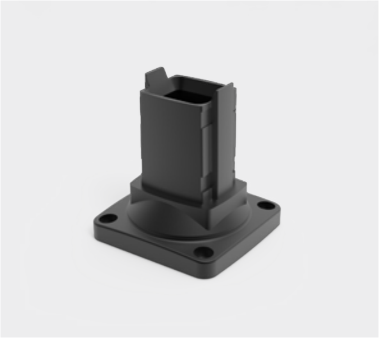
Angled adapter, S2MAA



Additional information:	Angled Adapter must be used in conjunction with a coupling (not compatible with S2MFC48). The enclosure angle can be adjusted forward or backward up to 30 degrees. RAL 9005 black finish. Die-cast aluminum construction. Includes installation instructions, gasket and enclosure mounting hardware. Maximum load bearing capacity is 67 lb. (30.4 kg).
Note:	The maximum weight a medium swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

Item no.
S2MAA

Base/ wall flange, S2MWF



Additional information:	Wall Flange allows for fixed positioning on a horizontal or vertical surface when rotation is not needed. RAL 9005 black finish. Die-cast aluminum construction. Includes installation instructions, gaskets and tube setscrews. Surface mounting hardware is not provided.
Note:	The maximum weight a medium swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

Item no.
S2MWF

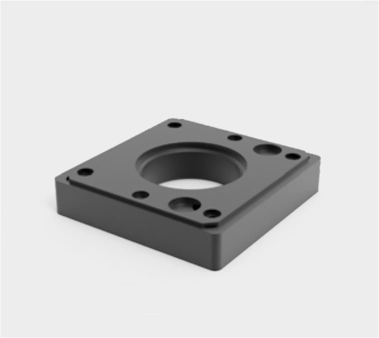
48-mm round tube flange coupling medium, S2MFC48

Additional information:	Flange Coupling to attach the Vertical Motion Pedestal Tube to the enclosure. The enclosure can be rotated 300 degrees and locked in position. Includes safety stop and maintenance-free bearing. RAL 9005 black finish. Die-cast aluminum construction. Includes installation instructions, gaskets and enclosure mounting hardware. Coupling attaches to enclosure using a 48 x 48-mm hole pattern. An adapter is required to attach the coupling to a standard Hoffman HMI enclosure that uses a 60 x 60-mm hole pattern (i.e., required for attaching to Concept HMI, CC2000, CC4000). Includes safety stop and maintenance-free bearing. RAL 9005 black finish. Die-cast aluminum construction. Includes installation instructions, gaskets and enclosure mounting hardware.
Note:	The maximum weight a medium swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

Item no.
S2MFC48

4

48-mm round tube flange adapt., S2MA48



Additional information:	Use Flange Coupling to attach the Vertical Motion Pedestal Tube to the enclosure. The enclosure can be rotated 300 degrees and locked in position. Includes safety stop and maintenance-free bearing. RAL 9005 black finish. Die-cast aluminum construction. Includes installation instructions, gaskets and enclosure mounting hardware. Coupling attaches to enclosure using a 48 x 48-mm hole pattern. An adapter is required to attach the coupling to a standard Hoffman HMI enclosure that uses a 60 x 60-mm hole pattern (i.e., required for attaching to Concept HMI, CC2000, CC4000). Includes safety stop and maintenance-free bearing. RAL 9005 black finish. Die-cast aluminum construction. Includes installation instructions, gaskets and enclosure mounting hardware.
Note:	The maximum weight a medium swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

Item no.
S2MA48

Human Machine Interface

Swing Arm System

Accessories

Vertical motion pedestal, S2M10VP

Additional information:	Height-adjustable tubes allow enclosure to be positioned at the optimal viewing height for different operators. Requires the 48-mm Round Tube Flange Coupling (S2MFC48) and Adapter (S2MA48) for attachment to Hoffman enclosures with a 60 x 60-mm hole pattern (i.e., required for attaching to Concept HMI, CC2000, CC4000). Adjustable from 1130 mm (44.49 in.) to 1380 mm (54.33 in.) with internal gas springs. Four models support loads ranging from 11 to 77 lb. (4.9 to 34.9 kg). Height is fixed in place at any position by the locking handle. Cables are separated from gas springs inside the tube. Internal strain-relief for cables inside the tube. Can be attached to Small Pedestal Base, Large Pedestal Base, Vertical Wall Joint, Wall Flange, Rotary Base, Elbow or Rotatable Elbow. Aluminum construction. Tube cannot be inverted for overhead mounting on the enclosure. The weight of the coupling, adapter plate, enclosure and internal components must be factored into the load when selecting a tube.
Note:	The maximum weight a medium swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

Item no.	Load capacity
S2M10VP22	22 lb, 10 kg
S2M10VP37	37 lb, 17 kg
S2M10VP57	57 lb, 26 kg
S2M10VP77	77 lb, 35 kg

Small pedestal base, S2MPBS

Additional information:	Tubes attach directly to Small Pedestal Base. RAL 9005 black finish. Constructed from 3/8-in. thick steel plate. Includes installation instructions, cable ties and tube setscrews. Surface mounting hardware is not provided. Compatible with accessory casters and levelers. Supports loads per Load Rating Graph.
Note:	The maximum weight a medium swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

Item no.
S2MPBS

Light signal adapter rectangle, S2MLSAE

Additional information:	Light signal adapters are available in either round or elbow cover versions and provide a means for attaching signal lights. Signal lights are not included. Gray composite cover caps include a gasket, attachment hardware and post and replace the caps provided with other system components.
Note:	The maximum weight a medium swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

Item no.
S2MLSAE

Light signal adapter round, S2MLSAR

Additional information:	Light signal adapters are available in either round or elbow cover versions and provide a means for attaching signal lights. Signal lights are not included. Gray composite cover caps include a gasket, attachment hardware and post and replace the caps provided with other system components.
Note:	The maximum weight a medium swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

Item no.
S2MLSAR

Rotation limiters, S2MRL

Additional information:	Rotation limiters can be retro-fitted on coupling and joint components and are adjustable in increments of 13.7 degrees. Limits rotation of couplings and joints which nornally rotate 300 degrees. The kit includes ten steel balls, plug and installation instructions.
Note:	The maximum weight a medium swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

Item no.
S2MRL

Tube hole plugs, S2MTHP

Additional information:	Plastic hole plugs cover up the set screws in the tubes. Kit includes 50 hole plugs. Hole plugs are not needed to maintain the suspension system's NEMA Type 12 rating but provide an attractive smooth finish for the tube. RAL 9006 white aluminum color.
Note:	The maximum weight a medium swing arm can support depends on the length of the arm and the system structure. See diagram in the mounting instructions.

Item no.
S2MTHP