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Mild Steel

Stainless Steel

Polyester

Hygienic Design

Galvanized Steel, EMC

Hazardous Location

Accessories

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

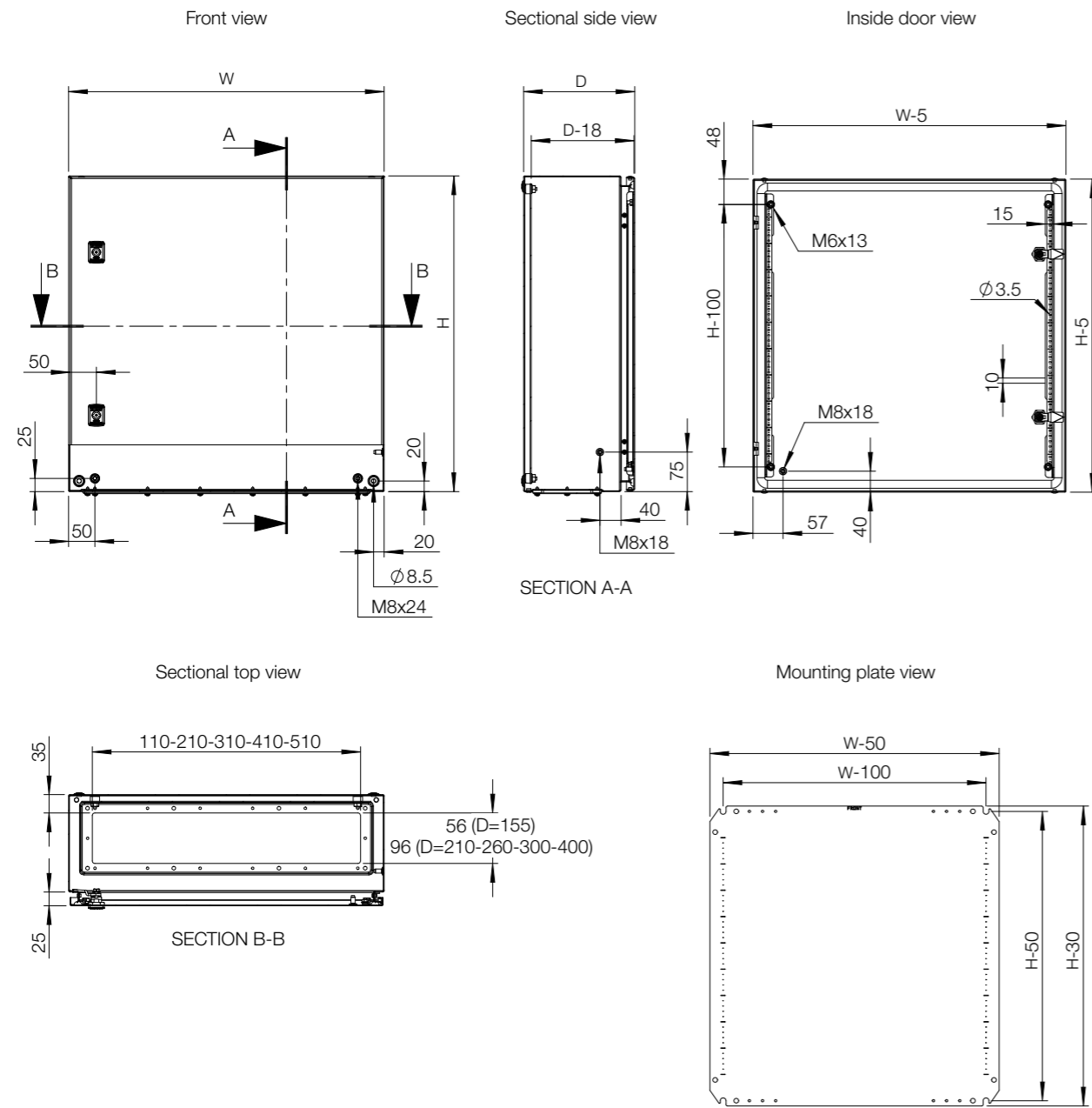## IP 66 | TYPE 4, 12, 13 | IK 10

With mounting plate

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

Without mounting plate

Enclosure dimensions			Gland plate			N° of locks	Item no.
H	W	D	Size	Type	Openings		
200	200	155	110 × 56	0S	1	1	MAS0202015PER5
250	200	155	110 × 56	0S	1	1	MAS0252015PER5
250	250	155	110 × 56	0S	1	1	MAS0252515PER5
300	250	155	110 × 56	0S	1	1	MAS0302515PER5
300	250	210	110 × 56	0S	1	1	MAS0302521PER5
300	300	155	210 × 56	1S	1	1	MAS0303015PER5
300	300	210	210 × 96	1	1	1	MAS0303021PER5
350	250	155	110 × 56	0S	1	1	MAS0352515PER5
400	300	155	210 × 56	1S	1	1	MAS0403015PER5
400	300	210	210 × 96	1	1	1	MAS0403021PER5
400	400	210	310 × 96	2	1	1	MAS0404021PER5
400	500	210	410 × 96	3	1	1	MAS0405021PER5
400	600	210	510 × 96	4	1	1	MAS0406021PER5
500	300	210	210 × 96	1	1	1	MAS0503021PER5
500	400	155	310 × 56	2S	1	1	MAS0504015PER5
500	400	210	310 × 96	2	1	1	MAS0504021PER5
500	400	260	310 × 96	2	1	1	MAS0504026PER5
500	400	300	310 × 96	2	1	1	MAS0504030PER5
500	500	210	410 × 96	3	1	1	MAS0505021PER5
500	500	300	410 × 96	3	1	1	MAS0505030PER5
600	400	155	310 × 56	2S	1	2	MAS0604015PER5
600	400	210	310 × 96	2	1	2	MAS0604021PER5
600	400	260	310 × 96	2	1	2	MAS0604026PER5
600	400	300	310 × 96	2	1	2	MAS0604030PER5
600	500	155	410 × 56	3S	1	2	MAS0605015PER5
600	500	210	410 × 96	3	1	2	MAS0605021PER5
600	500	260	410 × 96	3	1	2	MAS0605026PER5
600	500	300	410 × 96	3	1	2	MAS0605030PER5
600	600	210	510 × 96	4	1	2	MAS0606021PER5
600	600	300	510 × 96	4	1	2	MAS0606030PER5
600	600	400	510 × 96	4	1	2	MAS0606040PER5
600	800	300	310 × 96	2	2	2	MAS0608030PER5
700	500	210	410 × 96	3	1	2	MAS0705021PER5
700	500	260	410 × 96	3	1	2	MAS0705026PER5
800	400	300	310 × 96	2	1	2	MAS0804030PER5
800	600	210	510 × 96	4	1	2	MAS0806021PER5
800	600	260	510 × 96	4	1	2	MAS0806026PER5
800	600	300	510 × 96	4	1	2	MAS0806030PER5
800	600	400	510 × 96	4	1	2	MAS0806040PER5
800	800	210	310 × 96	2	2	2	MAS0808021PER5
800	800	300	310 × 96	2	2	2	MAS0808030PER5
800	800	400	310 × 96	2	2	2	MAS0808040PER5
1000	600	260	510 × 96	4	1	1*	MAS1006026PER5
1000	600	300	510 × 96	4	1	1*	MAS1006030PER5
1000	800	260	310 × 96	2	2	1*	MAS1008026PER5
1000	800	300	310 × 96	2	2	1*	MAS1008030PER5
1000	800	400	310 × 96	2	2	1*	MAS1008040PER5
1200	600	300	510 × 96	4	1	1*	MAS1206030PER5
1200	800	300	310 × 96	2	2	1*	MAS1208030PER5
1200	800	400	310 × 96	2	2	1*	MAS1208040PER5

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

Front view

Sectional side view

SECTION A-A

Inside door view

Sectional top view

110-210-310-410-510

56 (D=155)
96 (D=210-260-300-400)

SECTION B-B

Mounting plate view

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	-	-	-	PLC01
MAS0705021R5	700	500	210	ADI07050R5	ADT07050R5	ADC07050R5	ADAB07050	PLC01
MAS0705026R5	700	500	260	ADI07050R5	ADT07050R5	ADC07050R5	ADAB07050	PLC01
MAS0804030R5	800	400	300	ADI08040R5	-	-	-	PLC01
MAS0806021R5	800	600	210	ADI08060R5	ADT08060R5	ADC08060R5	ADAB08060	PLC01
MAS0806026R5	800	600	260	ADI08060R5	ADT08060R5	ADC08060R5	ADAB08060	PLC01
MAS0806030R5	800	600	300	ADI08060R5	ADT08060R5	ADC08060R5	ADAB08060	PLC01
MAS0806040R5	800	600	400	ADI08060R5	ADT08060R5	ADC08060R5	ADAB08060	PLC01
MAS0808021R5	800	800	210	ADI08080R5	-	-	-	PLC01
MAS0808030R5	800	800	300	ADI08080R5	-	-		PLC01
MAS0808040R5	800	800	400	ADI08080R5	-	-		PLC01
MAS1006026R5	1000	600	260	ADI10060R5	ADT10060R5	ADC10060R5	-	PLC01
MAS1006030R5	1000	600	300	ADI10060R5	ADT10060R5	ADC10060R5	-	PLC01
MAS1008026R5	1000	800	260	ADI10080R5	ADT10080R5	ADC10080R5	ADAB10080	PLC01
MAS1008030R5	1000	800	300	ADI10080R5	ADT10080R5	ADC10080R5	ADAB10080	PLC01
MAS1008040R5	1000	800	400	ADI10080R5	ADT10080R5	ADC10080R5	ADAB10080	PLC01
MAS1206030R5	1200	600	300	ADI12060R5	ADT12060R5	ADC12060R5	ADAB12060	PLC01
MAS1208030R5	1200	800	300	ADI12080R5	ADT12080R5	ADC12080R5	ADAB12080	PLC01
MAS1208040R5	1200	800	400	ADI12080R5	ADT12080R5	ADC12080R5	ADAB12080	PLC01

Accessories selection matrix | MAS

Enclosure	H	W	D	Doors				
				180° hinges	Door stop	Door switch	Door mounting profiles	Door horizontal profiles
MAS0202015R5	200	200	155	MMH02	-	ADSW01	-	-
MAS0252015R5	250	200	155	MMH02	-	ADSW01	-	-
MAS0252515R5	250	250	155	MMH02	-	ADSW01	-	-
MAS0302515R5	300	250	155	MMH02	-	ADSW01	-	-
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	H	W	D	Gland plates					Protection
				Ventilated gland plate	Ventilated gland plate with fly-net	Ventilated gland plate with filter	Adapter gland plate	Gland plate with knock-outs	Rainhood
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

2

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			N° of locks	Item no.
H	W	D	h	w	d	Size	Type	Openings		
600	800	300	570	750	282	310 × 96	2	2	1*	MAD0608030R5
800	1200	300	770	1150	282	510 × 96	4	2	1*	MAD0801230R5
1000	1000	300	970	950	282	410 × 96	3	2	1*	MAD1001030R5
1200	1000	300	1170	950	282	410 × 96	3	2	1*	MAD1201030R5
1200	1200	300	1170	1150	282	510 × 96	4	2	1*	MAD1201230R5
1400	1000	300	1370	950	282	410 × 96	3	2	1*	MAD1401030R5

Without mounting plate

Enclosure dimensions			Gland plate			N° of locks	Item no.
H	W	D	Size	Type	Openings		
600	800	300	310 × 96	2	2	1*	MAD0608030PER5
800	1200	300	510 × 96	4	2	1*	MAD0801230PER5
1000	1000	300	410 × 96	3	2	1*	MAD1001030PER5
1200	1000	300	410 × 96	3	2	1*	MAD1201030PER5
1200	1200	300	510 × 96	4	2	1*	MAD1201230PER5
1400	1000	300	410 × 96	3	2	1*	MAD1401030PER5

* 3 point espagnolette locking.

Dimensional drawing | MAD

Front view

Sectional side view

SECTION A-A

Inside left door view

Inside right door view

Sectional top view

SECTION B-B

Mounting plate view

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				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				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				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

2

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			Gland plate				Item no.
H	W	D	h	w	d	Size	Type	Openings	N° of locks	
300	600	300	270	550	282	510 × 96	4	1 + 1	2	MAP0306030R5
300	800	300	270	750	282	310 × 96	2	2 + 2	2	MAP0308030R5
300	1000	300	270	950	282	410 × 96	3	2 + 2	2	MAP0310030R5
300	1200	300	270	1150	282	510 × 96	4	2 + 2	2	MAP0312030R5

Without mounting plate

Enclosure dimensions			Gland plate				Item no.
H	W	D	Size	Type	Openings	N° of locks	
300	600	300	510 × 96	4	1 + 1	2	MAP0306030PER5
300	800	300	310 × 96	2	2 + 2	2	MAP0308030PER5
300	1000	300	410 × 96	3	2 + 2	2	MAP0310030PER5
300	1200	300	510 × 96	4	2 + 2	2	MAP0312030PER5

Dimensional drawing | MAP

Front view

Sectional side view

SECTION A-A

Sectional top view

Mounting plate view

SECTION B-B

Inside panel door view
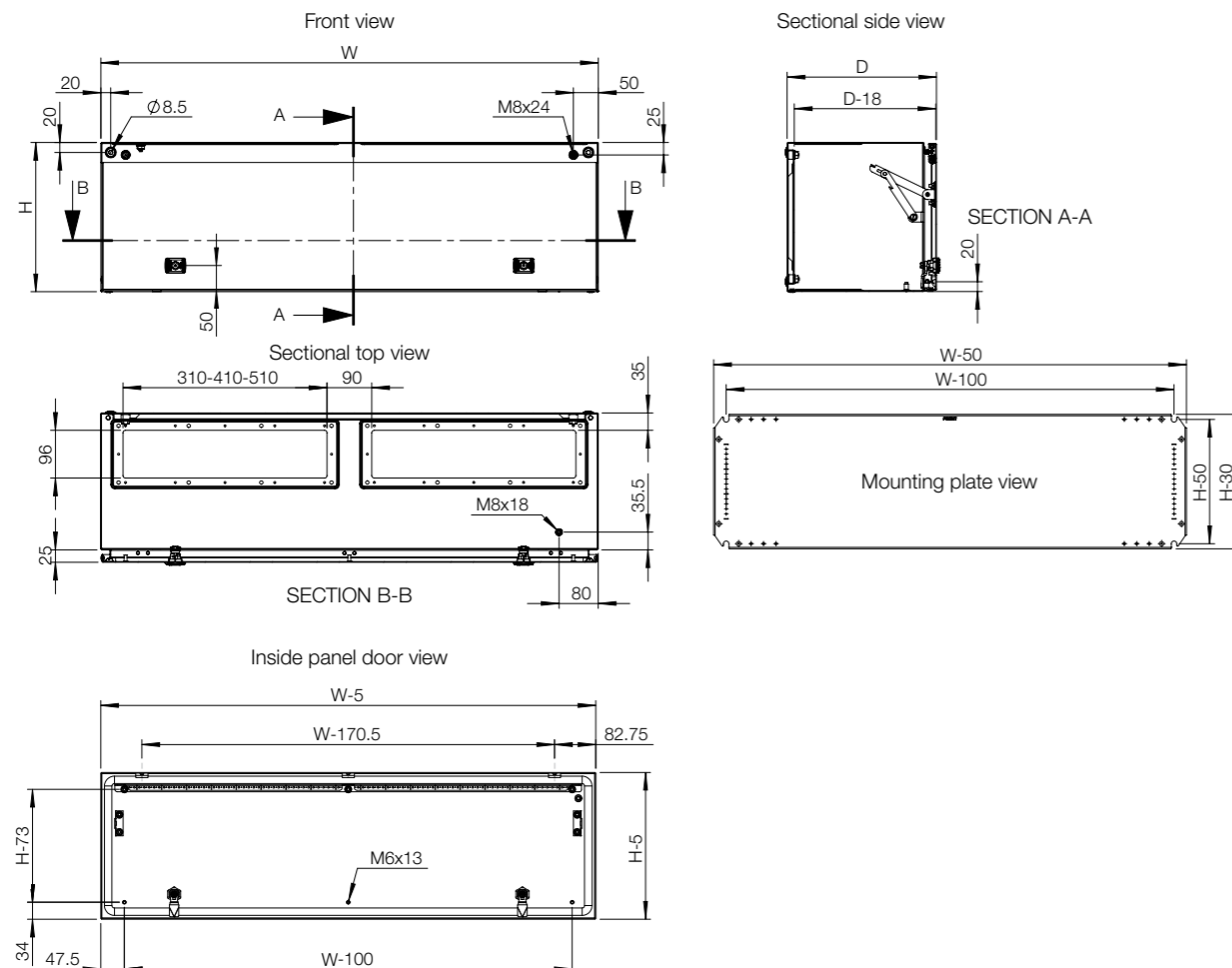
Accessories selection matrix | MAP

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

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.

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.

Front view

Sectional side view

Inside door view

SECTION A-A

Sectional top view

SECTION B-B

Mounting plate view

Left table

Enclosure	H	W	D	Steel mounting plate	Insulated mounting plate	Telequick mounting plate	Depth adjustment kit	Depth interior profile	Modular chassis
				Mounting					**Modular System**
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	-

Right table

Enclosure	H	W	D	Wall mounting brackets	Pole fixation	Plinth	Rainhood
				Fixing			**Protection**
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

Doors

Enclosure	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

Doors / Locks

Enclosure	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

2

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:

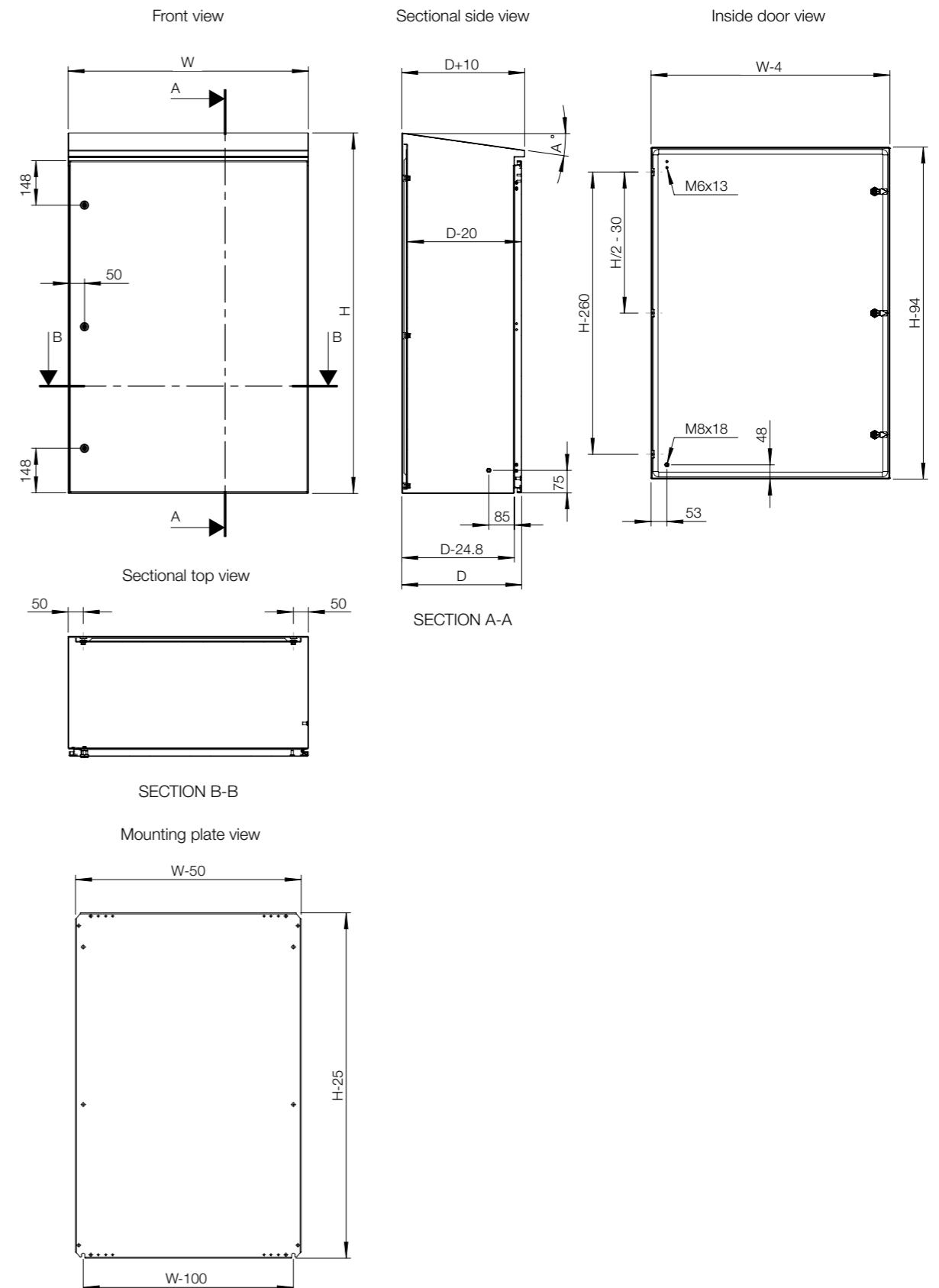For outdoor environments exposed to precipitation, the use of a rain hood is advised. Also in environments known for quick temperature changes, consideration to condensation should be taken. Please see the thermal management section.

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

Inside left door view

Inside right door view

SECTION A-A

Mounting plate view

Sectional top view

SECTION B-B
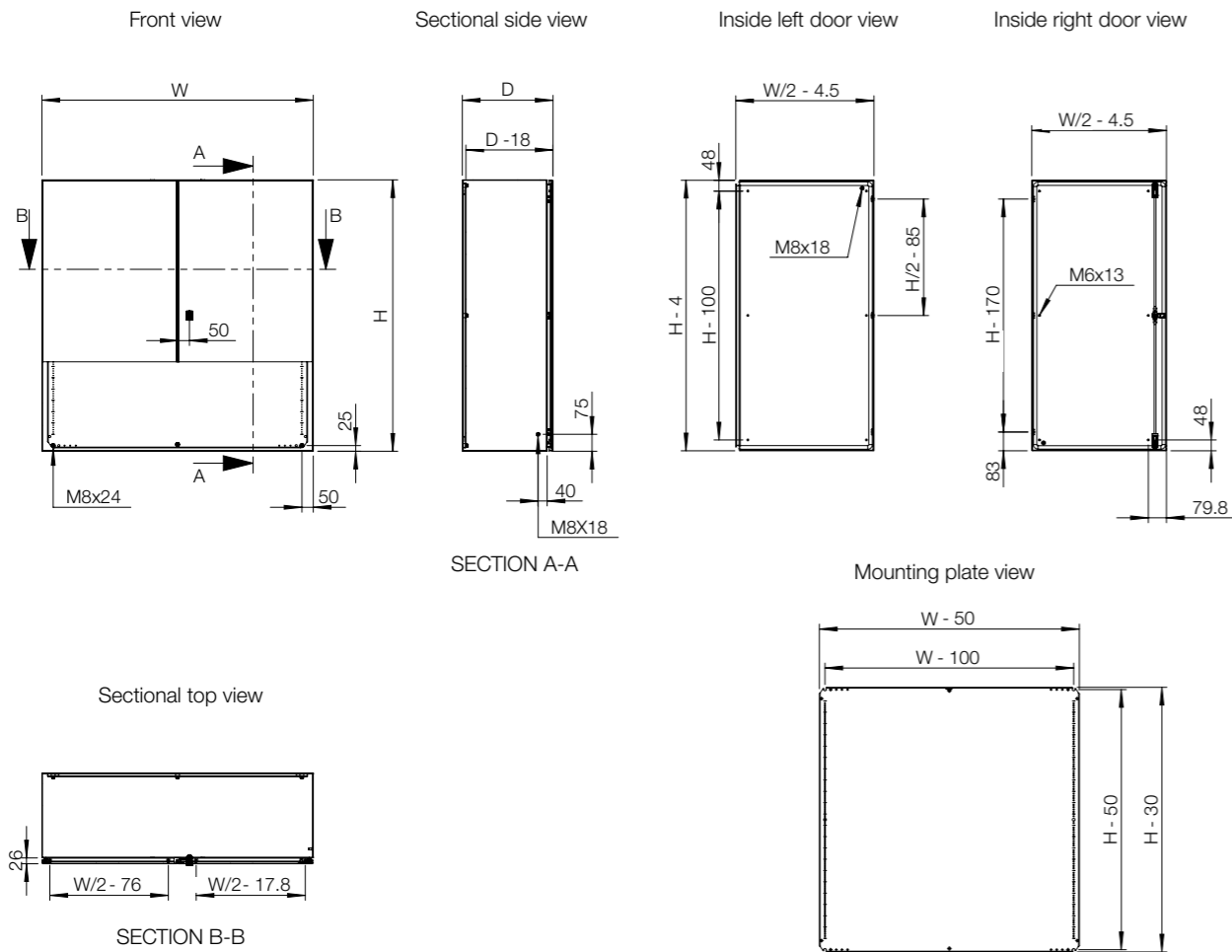
Accessories selection matrix | ADR

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.

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

Front view

Sectional side view

Inside door view

SECTION A-A

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

2

Steel dedicated accessories

2

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.
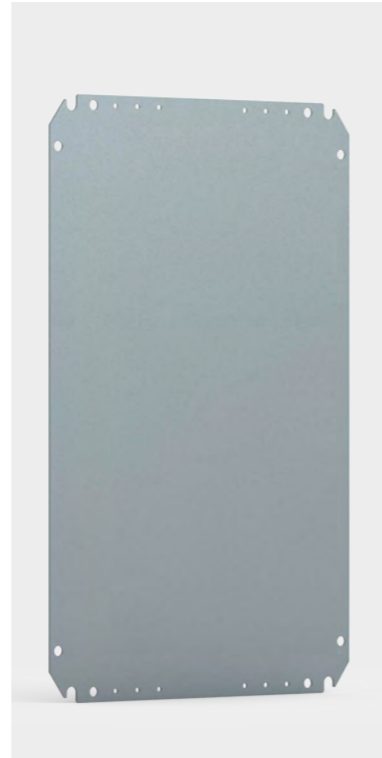
For enclosure		Mounting plate dimensions		
H	**W**	**h**	**w**	**Item no.**
200	200	170	150	AMP02020
250	200	220	150	AMP02520
250	250	220	200	AMP02525
300	250	270	200	AMP03025
300	300	270	250	AMP03030
300	600	270	550	AMP03060
300	800	270	750	AMP03080
300	1000	270	950	AMP03100
300	1200	270	1150	AMP03120
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.
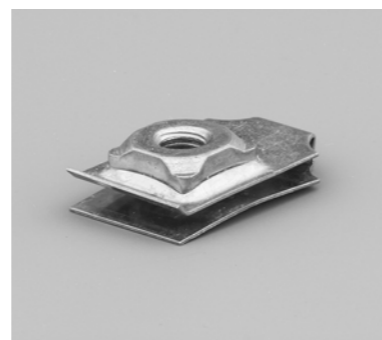
Depth adjustment kit, AMG

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.
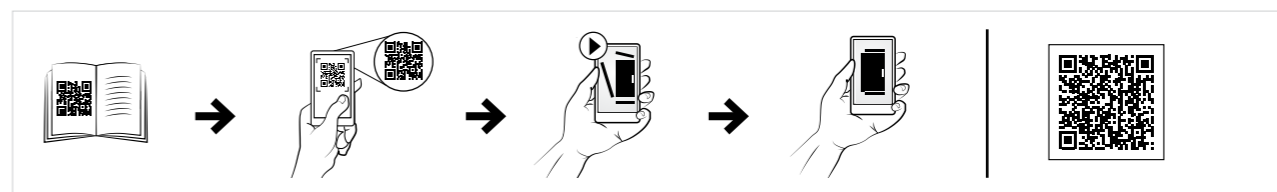
Depth adjustment bolts, AMTE

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
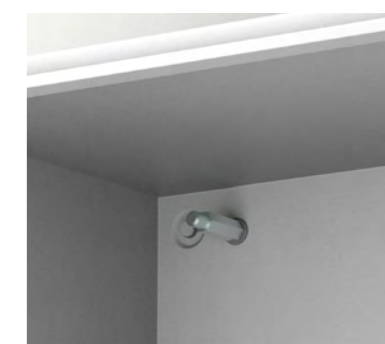
Accessories

Depth interior profile, DIP

Description:	The DIP profile system is a 40 mm wide and 25 mm high profile, which can be mounted on the enclosure depth. It can also be used in combination with CLPF and CLPK profiles. Two rows of holes patterns for cage nut fixing and self-tapping screws are provided. 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
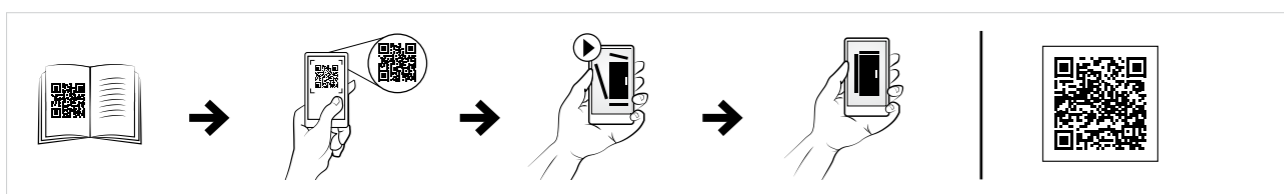
19" profiles, AVP

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.

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
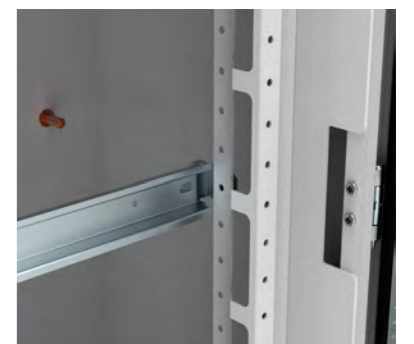
Adjustable brackets, MSMPA01

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
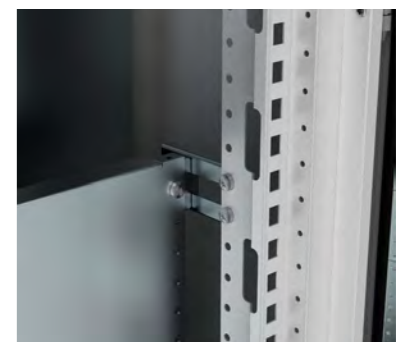
Accessories

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 assemblies. 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
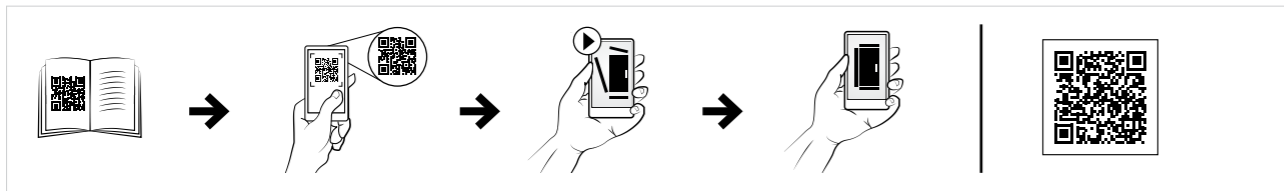
Front/rear plinths, P

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

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
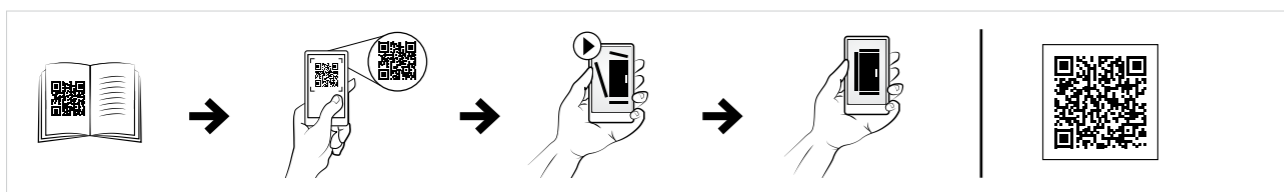
Door stop, ADO

| **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
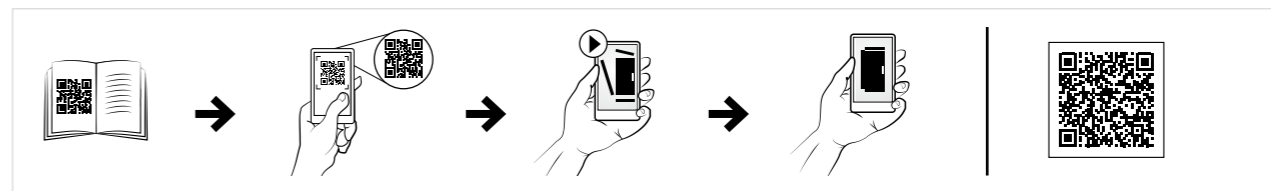
180° Hinges, MMHS

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
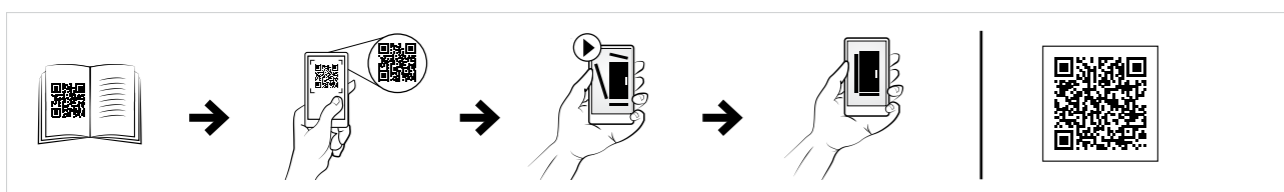
Door switch, ADSW

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
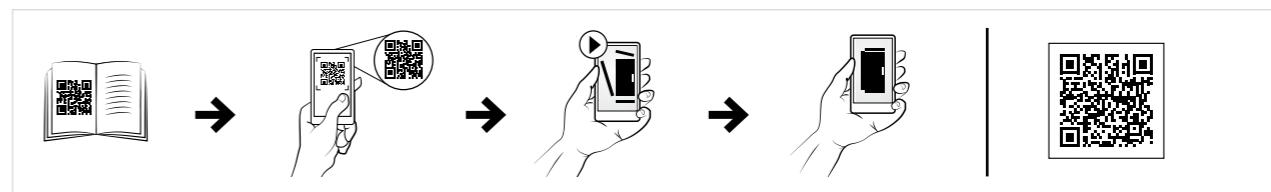
Accessories

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.
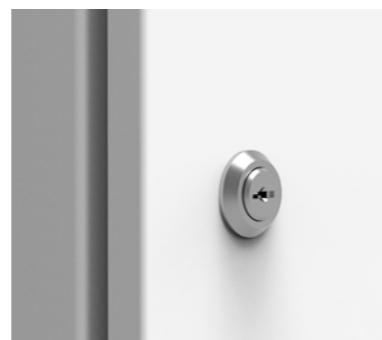
Double-bit 3 mm stainless steel locks, ALLS

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.
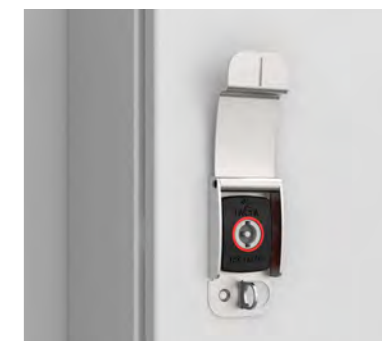
Handles, ALT

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.
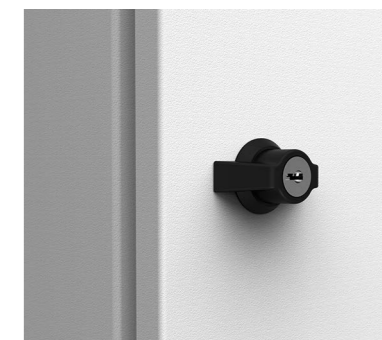
Keys, LSK

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
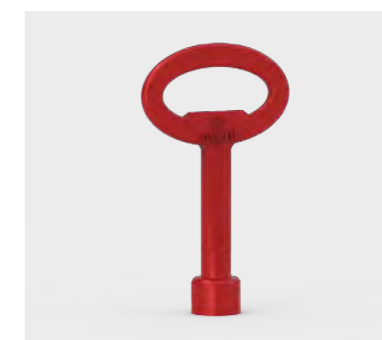
Wall Mounted Enclosures
Steel Range

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.

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

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

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 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
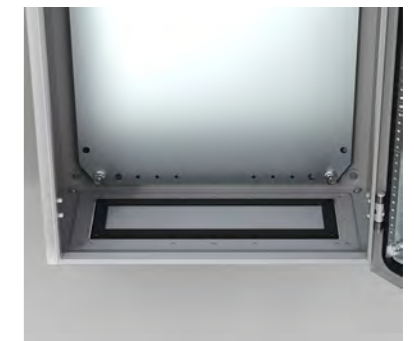
Wall Mounted Enclosures
Steel Range

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

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

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

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

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

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

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

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

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
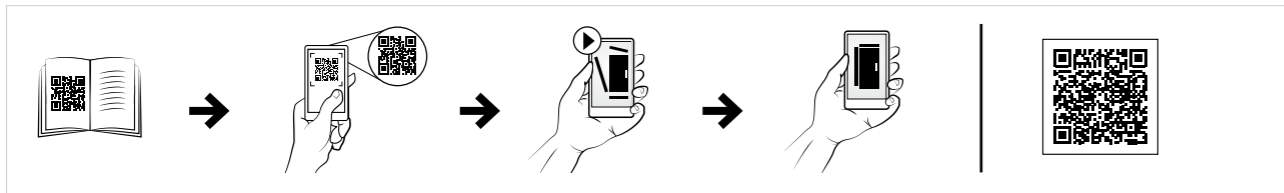
Earthing straps, ECFE

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
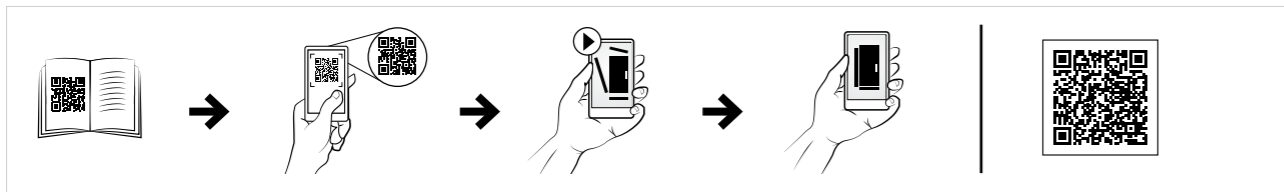
Earthing connection for panels, ECP

Description:	Earthing connection for fixing the earthing straps and cables to panels, mounting plates or profiles.
Pack quantity:	10 sets.
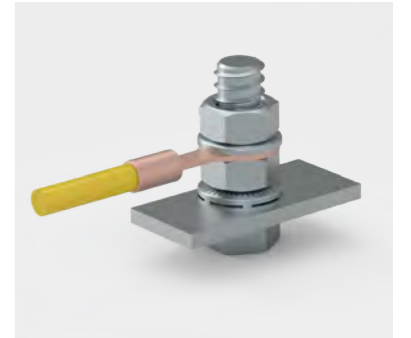
Bolt size	Item no.
M6	ECP06
M8	ECP08

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
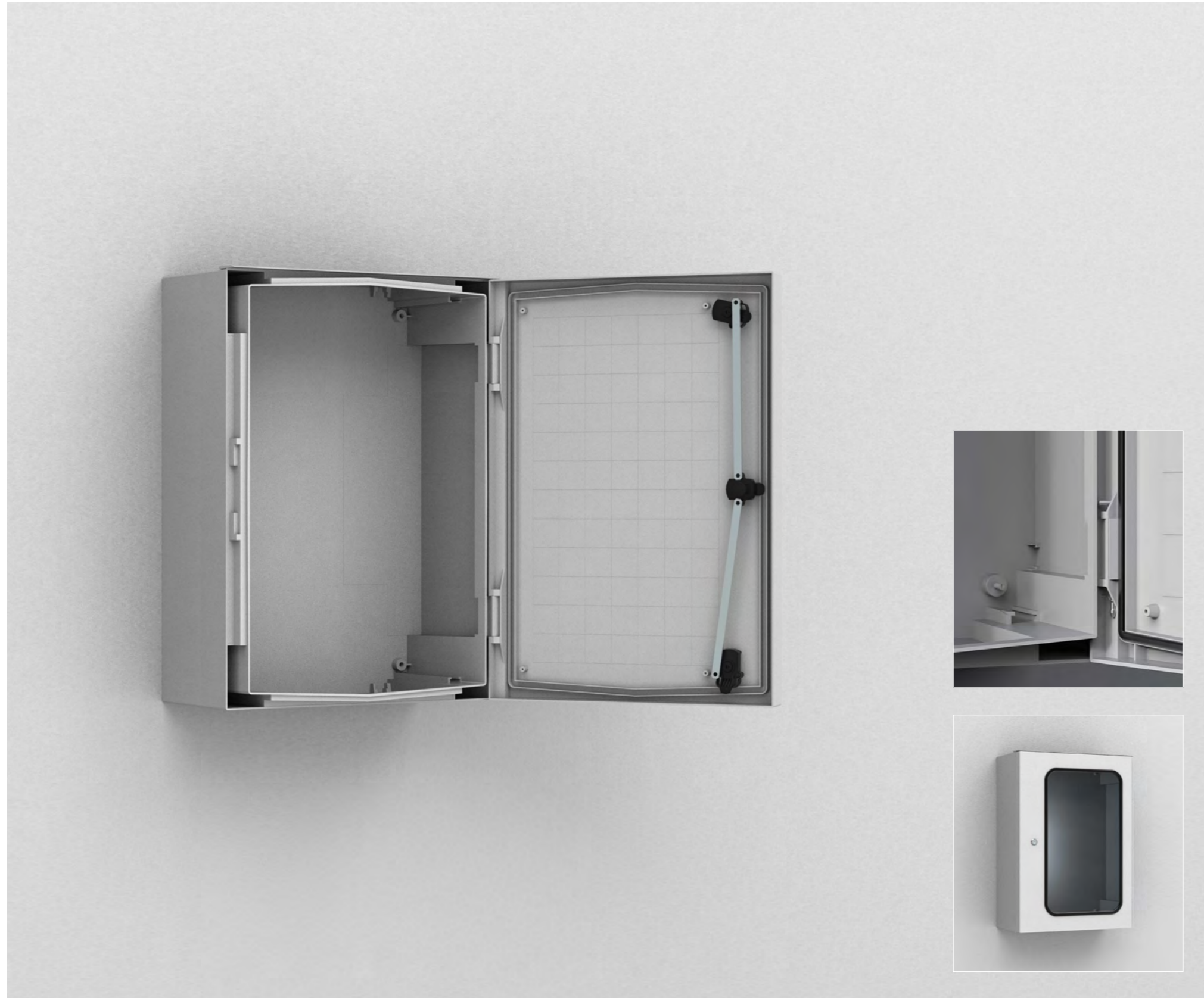
Material:
Fibre-glass reinforced polyester. UCPT viewing area: polycarbonate.

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.

CE UK CA PC cULus LISTED

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
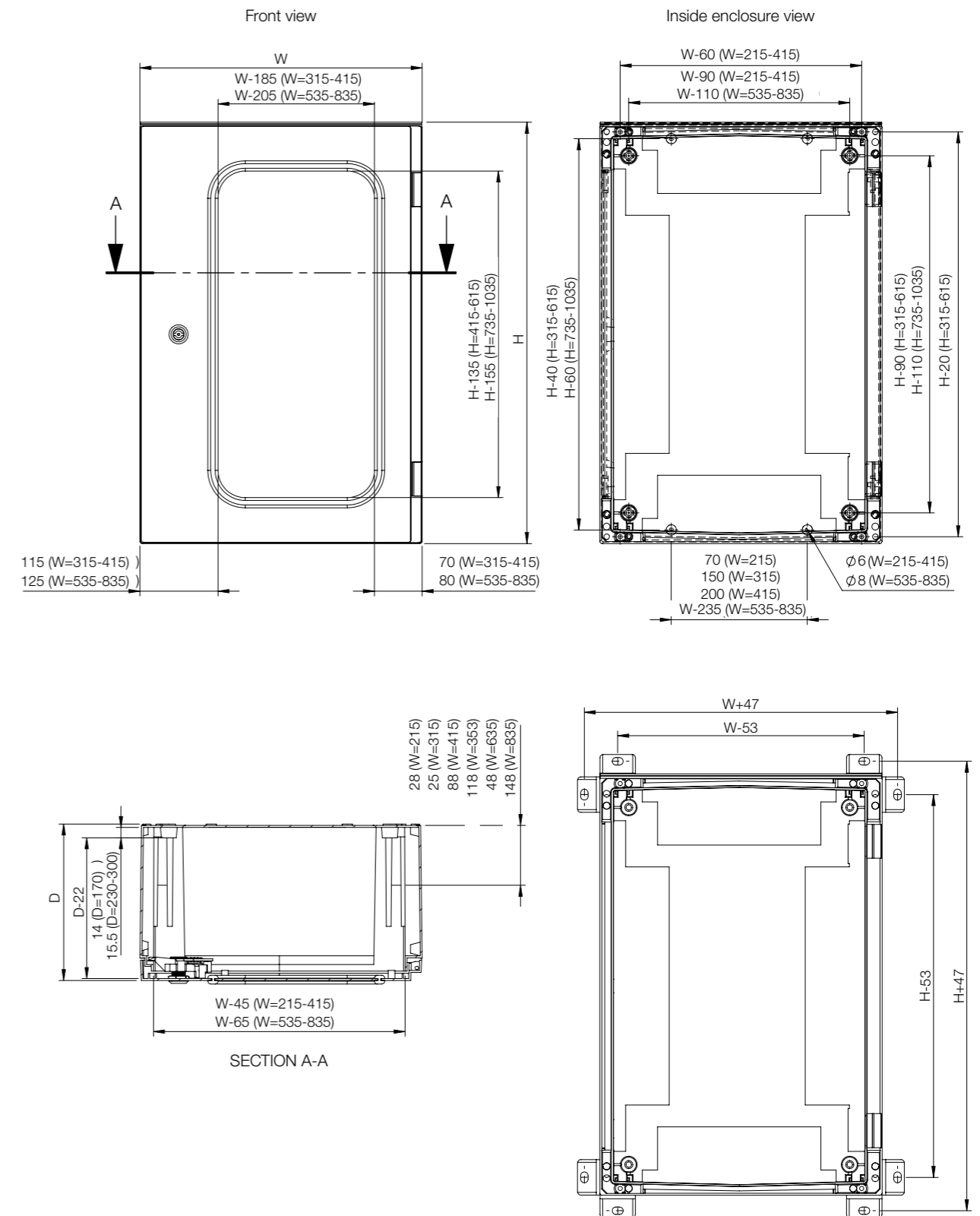
Front view

Inside enclosure view

SECTION A-A

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				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

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

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.
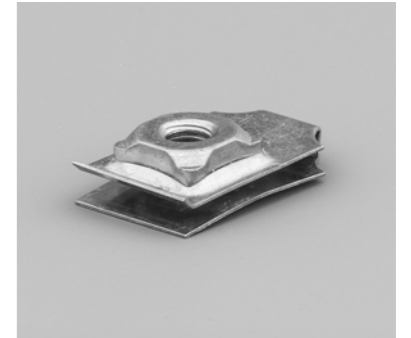
Depth adjustment kit, UCD

| 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.
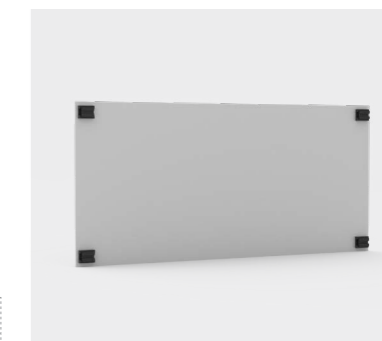
Slotted individual cover plate, UICP-S

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.
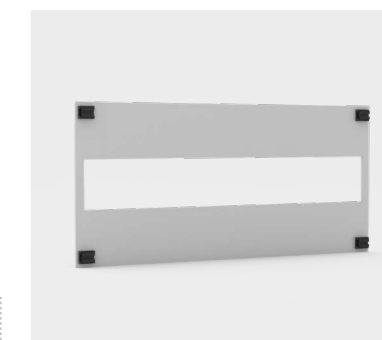
Wall Mounted Enclosures
Polyester Range

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		Item no.
H	**W**	**h**	**w**	
315	215	250	122	UFCP3200
415	315	350	222	UFCP4300
515	415	450	322	UFCP5400
615	415	550	322	UFCP6400
735	535	660	422	UFCP7500
835	635	760	522	UFCP8600
1035	835	960	722	UFCP1080

Hinge support, UHS

Description:	To be used with a 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)		Item no.
UCP	**UDP**	
315		EPF0300
415	500 in horizontal position	EPF0400
535		EPF0500
635	500 in horizontal position, 750 in vertical position	EPF0600
835		EPF0800

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
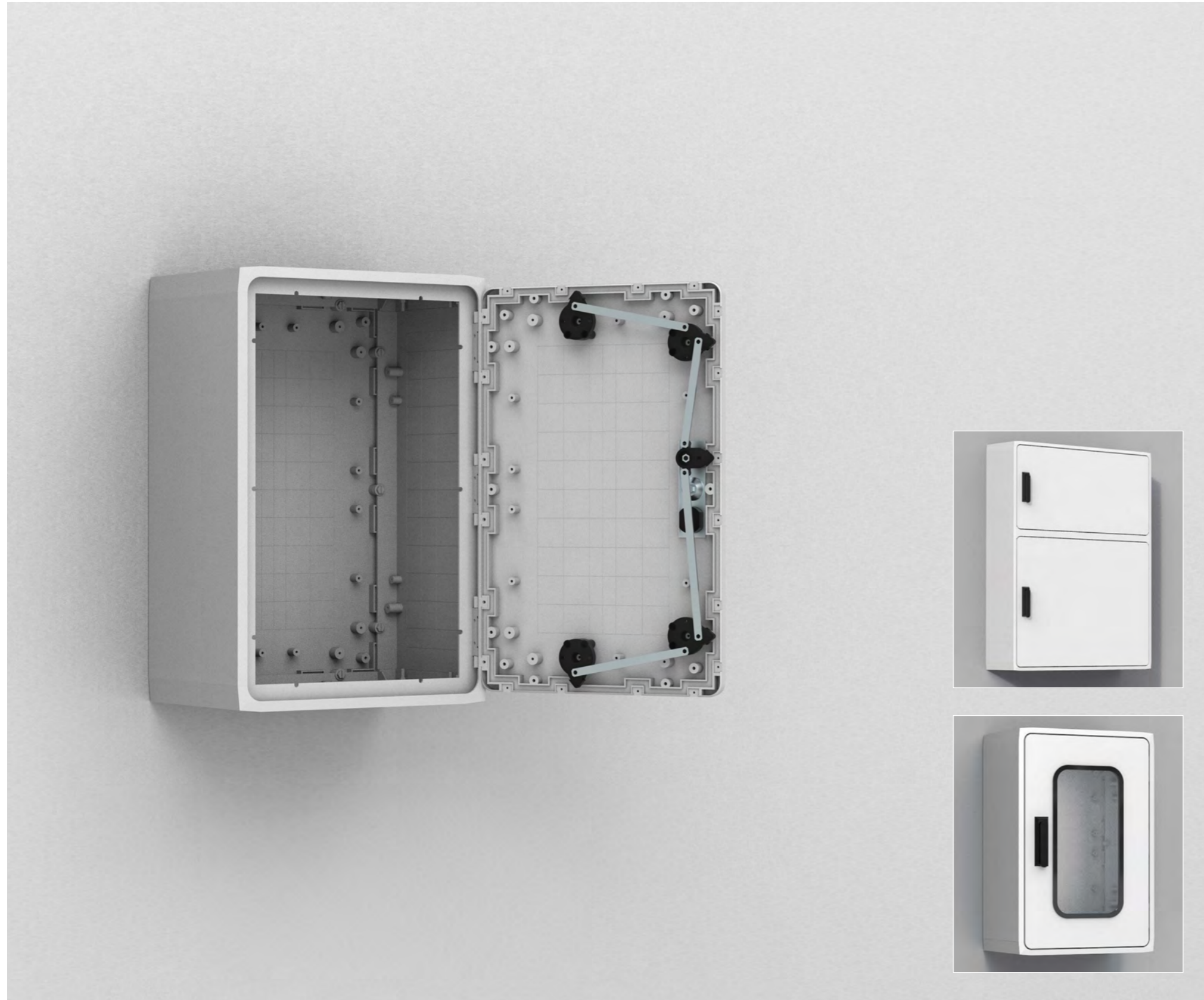
Material:
Fibre-glass reinforced polyester. UDPT viewing area: polycarbonate.

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).

IP 65/54 | TYPE 4, 4X, 12, 13 | IK 10/07

Plain single door

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

Front view

Front view (without doors)

Side view

Front view W=1250 (without doors)

Front view H=1250 (without doors)

Accessories selection matrix | UDP/UDPT
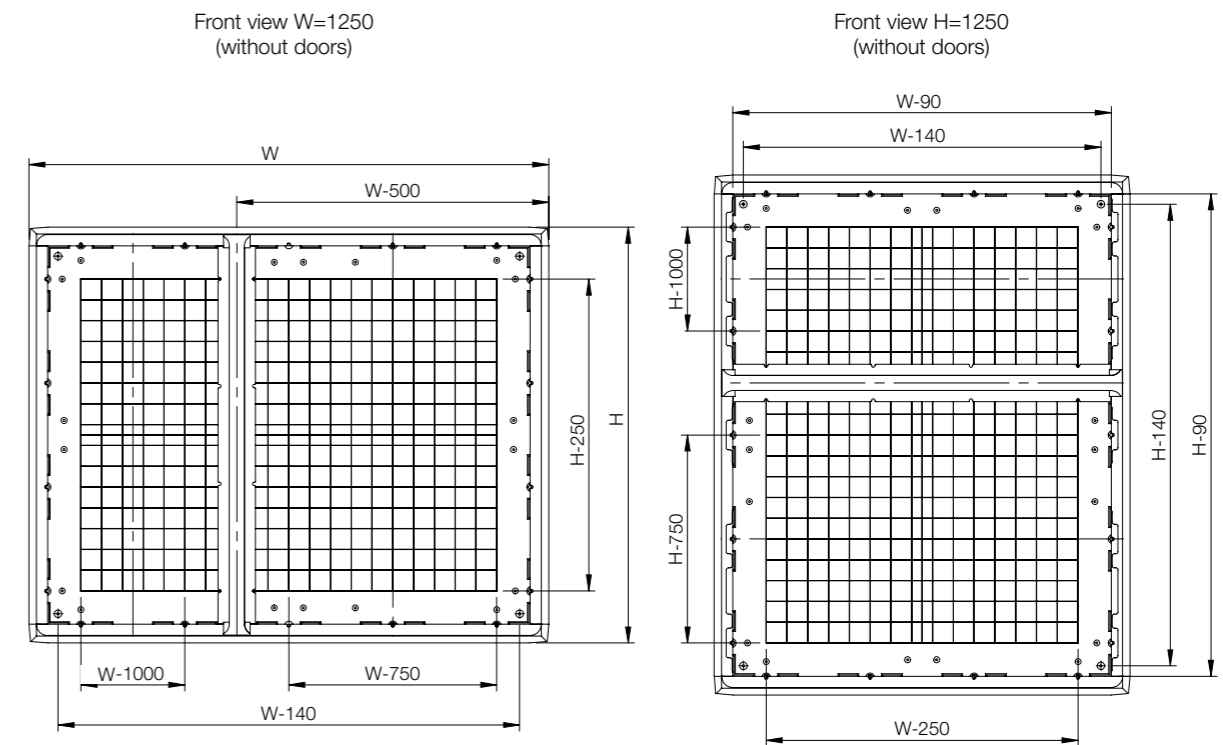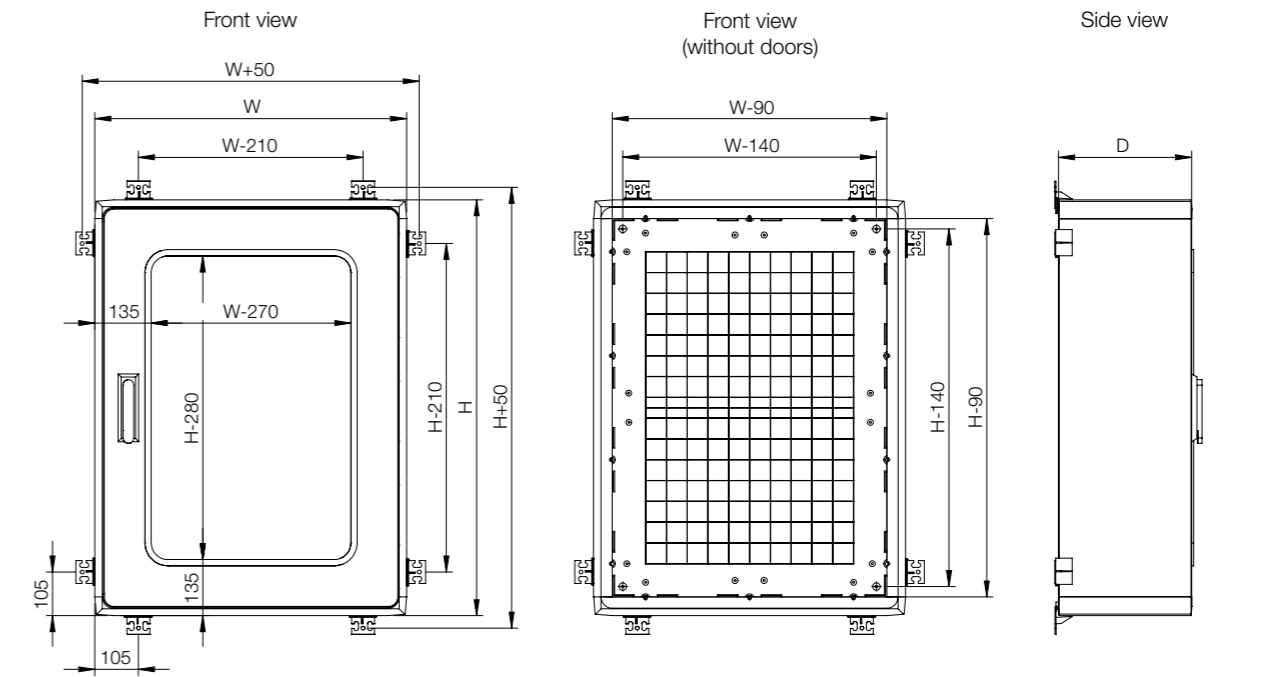
Enclosure				Mounting		
	H	W	D	Steel mounting plate	Insulated mounting plate	Mounting profiles
UDP5050	500	500	320	UMPZ5050	UMPP5050	UMF500
UDP5075	500	750	320	UMPZ5075	UMPP5075	UMF500
UDP7550	750	500	320	UMPZ5075	UMPP5075	UMF750
UDP7575	750	750	320	UMPZ7575	UMPP7575	UMF750
UDP75100	750	1000	320	UMPZ75100	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
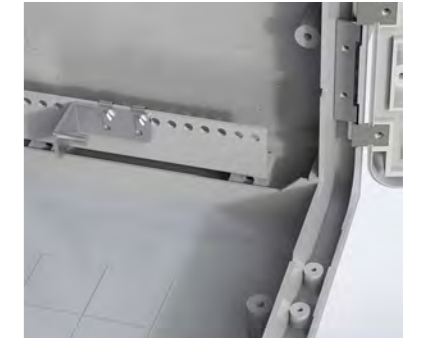
Accessories

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
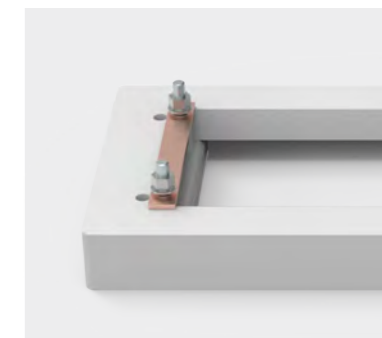
Polyester DIN-base, UMPS

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.
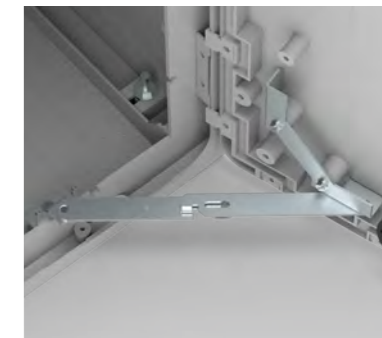
Combining kit, UCK

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

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.

CE UK CA c(UL)us LISTED

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

Front view

Sectional side view

Inside enclosure view

SECTION A-A

Sectional top view

Mounting plate view

SECTION B-B

Inside door view
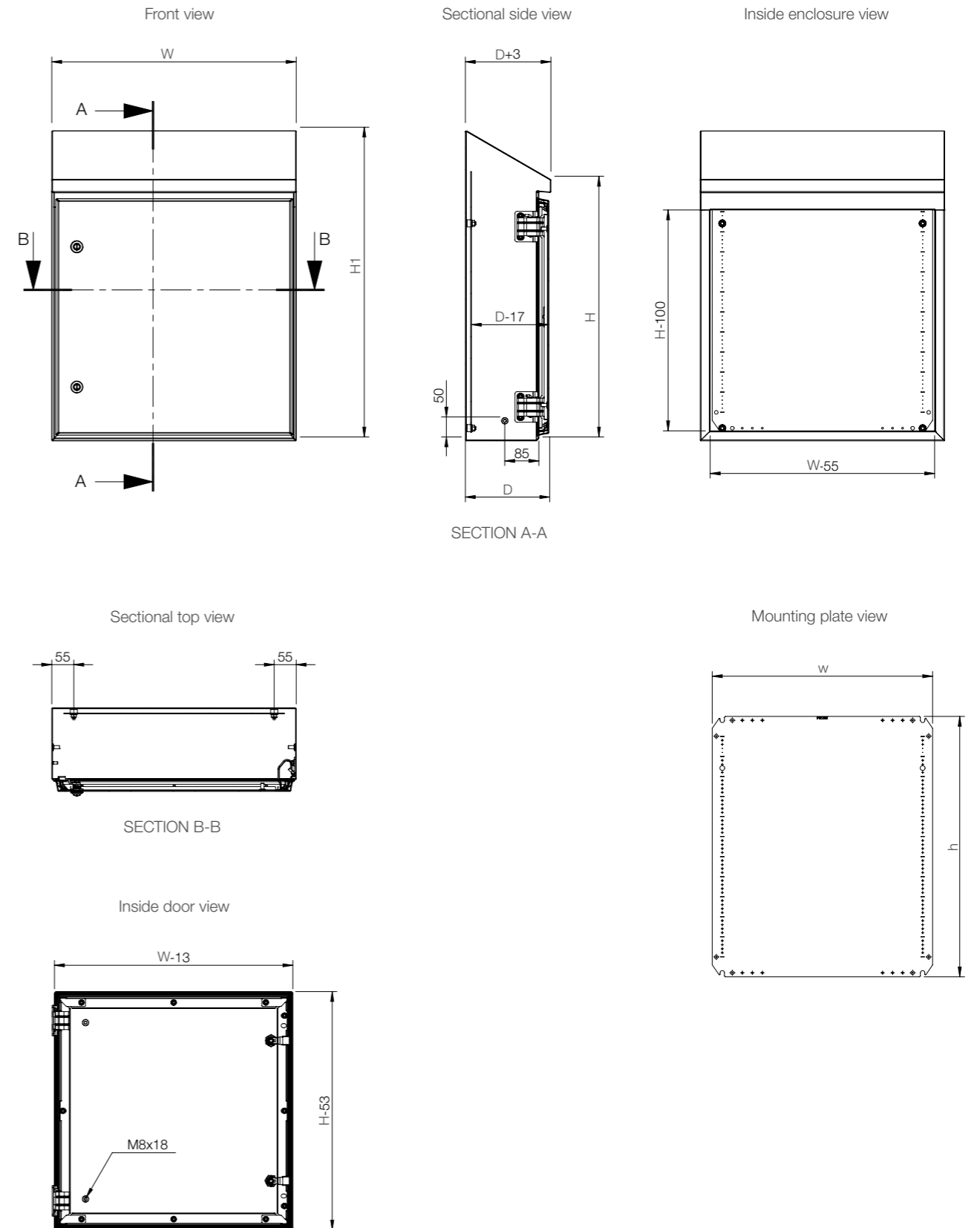
Wall Mounted Enclosures
Hygienic Design Range

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

Shielding Effectiveness (db) vs Frequency [MHz]
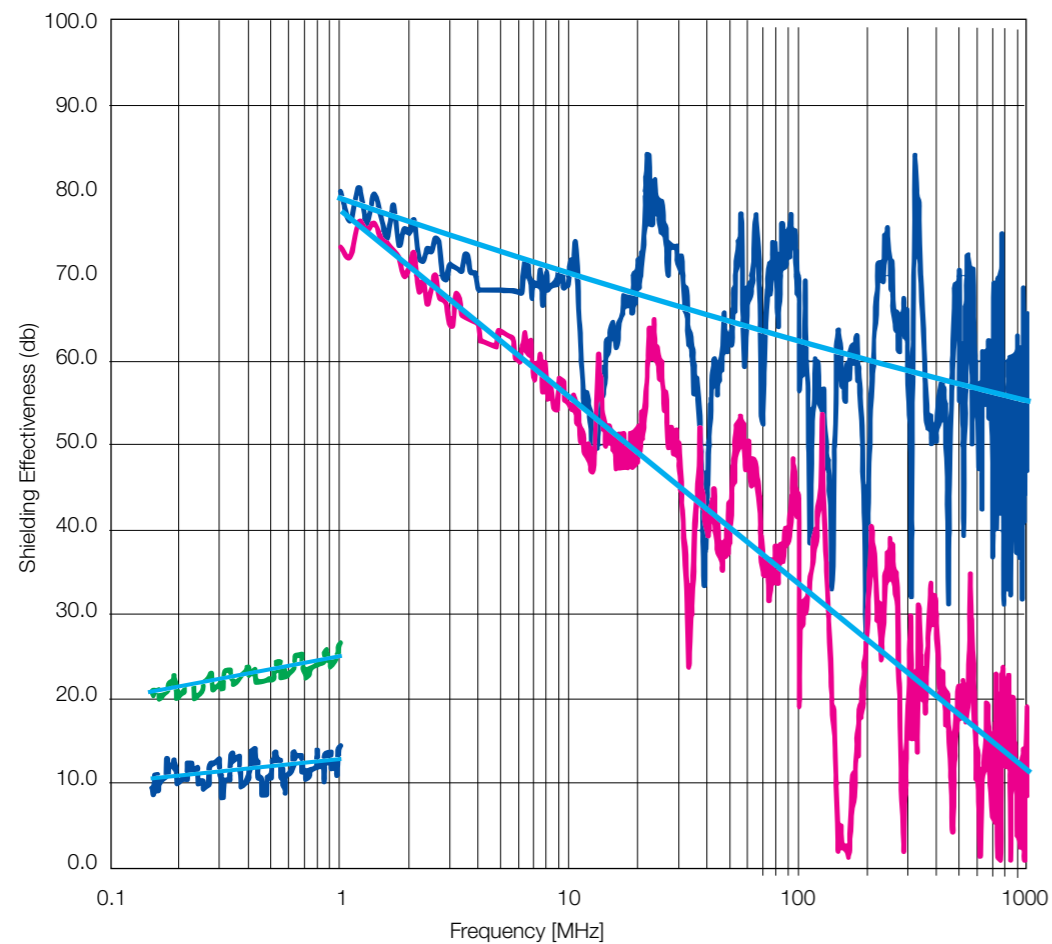
Shielding Effectiveness

──	SE_MASE	Magnetic field
──	SE_MASE	Electric field
──	SE_MAS	Magnetic field
──	SE_MAS	Electric field
──	Trend line	

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 IECEx
	Sira 09ATEX3224U IECEx SIR 09.0099U
	Ex eb IIC Gb Ex eb IIC Gb
	Ex tb IIIC Db IP 66 Ex tb IIIC Db IP 66
	EN60079-0:2009 IEC 60079-0:2007-2010
	EN60079-7:2007 IEC 60079-7:2006-2007
	EN61241-0:2006 IEC 61241-0:2004
	EN61241-1:2004 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 IECEx
	Sira 13ATEX3315U IECEx SIR 13.0123U
	Ex e IIC Gb Ex e IIC Gb
	Ex tb IIIC Db IP 66 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
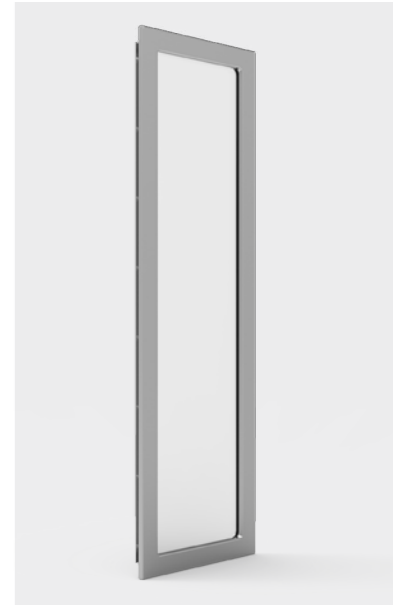
Hazardous location LED lights, LEDHL

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

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 ºC (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
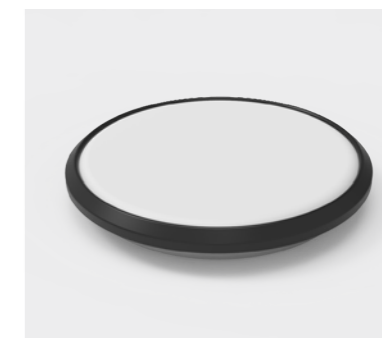
Accessories

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

Wall Mounted Enclosures
Hazardous Locations Range

Accessories

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