

Wall Mounted Enclosures

Steel Range | Stainless Steel

Single door | ASR

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

02

Wall Mounted Enclosures

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.

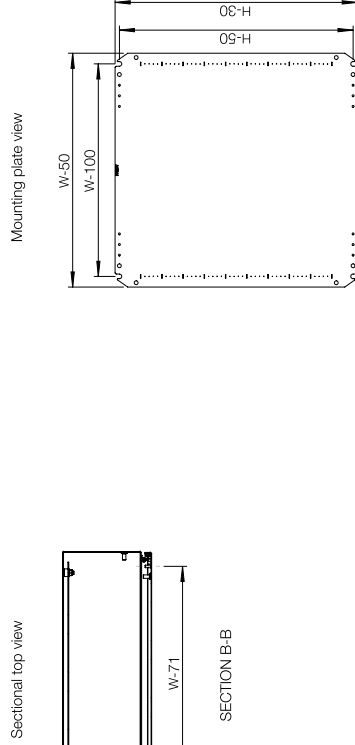
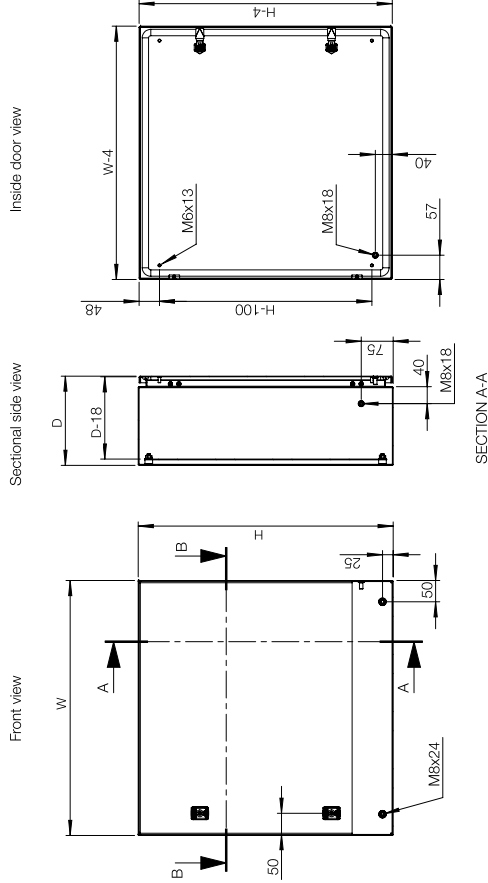


IP 66 | TYPE 4X, 12, 13 | IK 10

With mounting plate

Enclosure dimensions				Mounting plate dimensions			Usable depth	N° of locks	Item no.
H	W	D	h	w	d				
180	240	150	150	190	132		1	ASR0182415	
180	240	150	150	190	132		1	ASR0182415-316	
240	240	150	210	190	132		1	ASR0242415	
240	240	150	210	190	132		1	ASR0242415-316	
240	360	150	210	310	132		1	ASR0243615	
240	360	150	210	310	132		1	ASR0243615-316	
300	200	150	270	150	132		1	ASR0302015	
300	200	150	270	150	132		1	ASR0302015-316	
360	240	150	330	190	132		1	ASR0362415	
360	240	150	330	190	132		1	ASR0362415-316	
400	300	150	370	250	132		1	ASR0403015	
400	300	150	370	250	132		1	ASR0403015-316	
400	300	210	370	250	192		1	ASR0403021	
400	300	210	370	250	192		1	ASR0403021-316	
400	400	210	370	350	192		1	ASR0404021	
400	400	210	370	350	192		1	ASR0404021-316	
400	600	210	370	550	192		1	ASR0406021	
400	600	210	370	550	192		1	ASR0406021-316	
500	400	210	470	350	192		1	ASR0504021	
500	400	210	470	350	192		1	ASR0504021-316	
500	500	210	470	450	192		1	ASR0505021	
500	500	210	470	450	192		1	ASR0505021-316	
600	400	210	570	350	192		2	ASR0604021	
600	400	210	570	350	192		2	ASR0604021-316	
600	600	210	570	550	192		2	ASR0606021	
600	600	210	570	550	192		2	ASR0606021-316	
600	600	300	570	550	282		2	ASR0606030	
600	600	300	570	550	282		2	ASR0606030-316	
600	800	300	570	750	282		2	ASR0608030	
600	800	300	570	750	282		2	ASR0608030-316	
800	600	210	770	550	192		2	ASR0806021	
800	600	210	770	550	192		2	ASR0806021-316	
800	600	300	770	550	282		2	ASR0806030	
800	600	300	770	550	282		2	ASR0806030-316	
800	800	300	770	750	282		2	ASR0808030	
800	800	300	770	750	282		2	ASR0808030-316	
1000	800	300	970	750	282		1*	ASR1008030	
1000	800	300	970	750	282		1*	ASR1008030-316	
1200	800	300	1170	750	282		1*	ASR1208030	
1200	800	300	1170	750	282		1*	ASR1208030-316	
1200	800	400	1170	750	382		1*	ASR1208040	
1200	800	400	1170	750	382		1*	ASR1208040-316	
1400	800	400	1370	750	382		1*	ASR1408040	
1400	800	400	1370	750	382		3	ASR1408040-316	

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



Accessories selection matrix | ASR

Enclosure	H	W	D	Mounting				Modular System	
				Steel mounting plate	Insulated mounting plate	Telescop mounting plate	Depth adjustment kit	Depth interior profile	Modular chassis
ASR01B2415	180	240	150	-	-	-	-	-	-
ASR01B2415-316	180	240	150	-	-	-	-	-	-
ASR02B2415	240	240	150	-	-	-	-	-	-
ASR02B2415-316	240	240	150	-	-	-	-	-	-
ASR02B3615	240	360	150	-	-	-	-	-	-
ASR02B3615-316	240	360	150	-	-	-	-	-	-
ASR03B02015	300	200	150	-	-	-	-	-	-
ASR03B02015-316	300	200	150	-	-	-	-	-	-
ASR03B2415	360	240	150	-	-	-	-	-	-
ASR03B2415-316	360	240	150	-	-	-	-	-	-
ASR04B03015	400	300	150	AMP04030	AM04030	AMT04030	-	-	AC04030RS
ASR04B03015-316	400	300	150	AMP04030	AM04030	AMT04030	-	-	AC04030RS
ASR04B03021	400	300	210	AMP04030	AM04030	AMT04030	AMG210	DP210	AC04030RS
ASR04B03021-316	400	300	210	AMP04030	AM04030	AMT04030	AMG210	DP210	AC04030RS
ASR04B04021	400	400	210	AMP04040	AM04040	AMT04040	AMG210	DP210	-
ASR04B04021-316	400	400	210	AMP04040	AM04040	AMT04040	AMG210	DP210	-
ASR04B06021	400	600	210	AMP04060	AM04060	AMT04060	AMG210	DP210	-
ASR04B06021-316	400	600	210	AMP04060	AM04060	AMT04060	AMG210	DP210	-
ASR05B04021	500	400	210	AMP05040	AM05040	AMT05040	AMG210	DP210	AC05040RS
ASR05B04021-316	500	400	210	AMP05040	AM05040	AMT05040	AMG210	DP210	AC05040RS
ASR05B05021	500	500	210	AMP05050	AM05050	AMT05050	AMG210	DP210	-
ASR05B05021-316	500	500	210	AMP05050	AM05050	AMT05050	AMG210	DP210	-
ASR06B04021	600	400	210	AMP06040	AM06040	AMT06040	AMG210	DP210	AC06040RS
ASR06B04021-316	600	400	210	AMP06040	AM06040	AMT06040	AMG210	DP210	AC06040RS
ASR06B06021	600	600	210	AMP06060	AM06060	AMT06060	AMG210	DP210	AC06060RS
ASR06B06021-316	600	600	210	AMP06060	AM06060	AMT06060	AMG210	DP210	AC06060RS
ASR06B06030	600	600	300	AMP06060	AM06060	AMT06060	AMG300	DP300	AC06060RS
ASR06B06030-316	600	600	300	AMP06060	AM06060	AMT06060	AMG300	DP300	AC06060RS
ASR06B08030	600	800	300	AMP06080	AM06080	AMT06080	AMG300	DP300	-
ASR06B08030-316	600	800	300	AMP06080	AM06080	AMT06080	AMG300	DP300	-
ASR08B06021	800	600	210	AMP08060	AM08060	AMT08060	AMG210	DP210	AC08060RS
ASR08B06021-316	800	600	210	AMP08060	AM08060	AMT08060	AMG210	DP210	AC08060RS
ASR08B06030	800	600	300	AMP08060	AM08060	AMT08060	AMG300	DP300	AC08060RS
ASR08B06030-316	800	600	300	AMP08060	AM08060	AMT08060	AMG300	DP300	AC08060RS
ASR08B08030	800	800	300	AMP08080	AM08080	AMT08080	AMG300	DP300	-
ASR08B08030-316	800	800	300	AMP08080	AM08080	AMT08080	AMG300	DP300	-
ASR10B08030	1000	800	300	AMP10080	AM10080	AMT10080	AMG300	DP300	AC10080RS
ASR10B08030-316	1000	800	300	AMP10080	AM10080	AMT10080	AMG300	DP300	AC10080RS
ASR12B08030	1200	800	300	AMP12080	AM12080	AMT12080	AMG300	DP300	-
ASR12B08030-316	1200	800	300	AMP12080	AM12080	AMT12080	AMG300	DP300	-
ASR12B08040	1200	800	400	AMP12080	AM12080	AMT12080	AMG400	DP400	-
ASR12B08040-316	1200	800	400	AMP12080	AM12080	AMT12080	AMG400	DP400	-
ASR14B08040	1400	800	400	-	-	-	AMG400	DP400	-
ASR14B08040-316	1400	800	400	-	-	-	AMG400	DP400	-

Enclosure	H	W	D	Wall mounting brackets	Pole fixation	Plinth	Protection
ASR01B2415	180	240	150	AVS41-304	-	-	-
ASR01B2415-316	180	240	150	AVS41-316	-	-	-
ASR02B2415	240	240	150	AVS41-304	-	-	-
ASR02B2415-316	240	240	150	AVS41-316	-	-	-
ASR02B3615	240	360	150	AVS41-304	-	-	-
ASR02B3615-316	240	360	150	AVS41-316	-	-	-
ASR03B02015	300	200	150	AVS41-304	-	-	-
ASR03B02015-316	300	200	150	AVS41-316	-	-	-
ASR03B2415	360	240	150	AVS41-304	-	-	-
ASR03B2415-316	360	240	150	AVS41-316	-	-	-
ASR04B03015	400	300	150	AVS41-304	EPD3000	-	-
ASR04B03015-316	400	300	150	AVS41-316	EPD3000	-	-
ASR04B03021	400	300	210	AVS41-304	EPD3000	-	-
ASR04B03021-316	400	300	210	AVS41-316	EPD3000	-	-
ASR04B04021	400	400	210	AVS41-304	EPD4000	-	ASST042
ASR04B04021-316	400	400	210	AVS41-316	EPD4000	-	ASST042-316
ASR04B06021	400	600	210	AVS41-304	EPD6000	-	ASST062
ASR04B06021-316	400	600	210	AVS41-316	EPD6000	-	ASST062-316
ASR05B04021	500	400	210	AVS41-304	EPD4000	-	ASST042
ASR05B04021-316	500	400	210	AVS41-316	EPD4000	-	ASST042-316
ASR05B05021	500	500	210	AVS41-304	EPD5000	-	-
ASR05B05021-316	500	500	210	AVS41-316	EPD5000	-	-
ASR06B04021	600	400	210	AVS41-304	EPD4000	-	ASST042
ASR06B04021-316	600	400	210	AVS41-316	EPD4000	-	ASST042-316
ASR06B06021	600	600	210	AVS41-304	EPD6000	-	ASST062
ASR06B06021-316	600	600	210	AVS41-316	EPD6000	-	ASST062-316
ASR06B06030	600	600	300	AVS41-304	EPD6000	MSVS1063	ASST063
ASR06B06030-316	600	600	300	AVS41-316	EPD6000	MSVS1063-316	ASST063-316
ASR06B08030	600	800	300	AVS41-304	EPD8000	MSVS1083	ASST083
ASR06B08030-316	600	800	300	AVS41-316	EPD8000	MSVS1083-316	ASST083-316
ASR08B06021	800	600	210	AVS41-304	EPD6000	-	ASST062
ASR08B06021-316	800	600	210	AVS41-316	EPD6000	-	ASST062-316
ASR08B06030	800	600	300	AVS41-304	EPD6000	MSVS1063	ASST063
ASR08B06030-316	800	600	300	AVS41-316	EPD6000	MSVS1063-316	ASST063-316
ASR08B08030	800	800	300	AVS41-304	EPD8000	MSVS1083	ASST083
ASR08B08030-316	800	800	300	AVS41-316	EPD8000	MSVS1083-316	ASST083-316
ASR10B08030	1000	800	300	AVS41-304	EPD8000	MSVS1083	ASST083
ASR10B08030-316	1000	800	300	AVS41-316	EPD8000	MSVS1083-316	ASST083-316
ASR12B08030	1200	800	300	AVS41-304	EPD8000	MSVS1083	ASST083
ASR12B08030-316	1200	800	300	AVS41-316	EPD8000	MSVS1083-316	ASST083-316
ASR12B08040	1200	800	400	AVS41-304	EPD8000	MSVS1084	ASST084
ASR12B08040-316	1200	800	400	AVS41-316	EPD8000	MSVS1084-316	ASST084-316
ASR14B08040	1400	800	400	AVS41-304	EPD8000	MSVS1084	ASST084
ASR14B08040-316	1400	800	400	AVS41-316	EPD8000	MSVS1084-316	ASST084-316

Accessories selection matrix | ASR

Enclosure	H	W	D	Doors			
				180° hinges	Door stop	Door switch	Door mounting profiles
ASR01B2415	180	240	150	MMH-S02	-	ADSW01	-
				MMH-S02	-	ADSW01	-
ASR01B2415-316	180	240	150	MMH-S02	-	ADSW01	-
				MMH-S02	-	ADSW01	-
ASR0242415	240	240	150	MMH-S02	-	ADSW01	-
				MMH-S02	-	ADSW01	-
ASR0242415-316	240	240	150	MMH-S02	-	ADSW01	-
				MMH-S02	-	ADSW01	-
ASR0243615	240	360	150	MMH-S02	ADO202S	ADSW01	-
				MMH-S02	ADO202S	ADSW01	-
ASR0243615-316	240	360	150	MMH-S02	ADO202S	ADSW01	-
				MMH-S02	ADO202S	ADSW01	-
ASR03032015	300	200	150	MMH-S02	-	ADSW01	-
				MMH-S02	-	ADSW01	-
ASR03032015-316	300	200	150	MMH-S02	-	ADSW01	-
				MMH-S02	-	ADSW01	-
ASR0362415	360	240	150	MMH-S02	-	ADSW01	-
				MMH-S02	-	ADSW01	-
ASR0362415-316	360	240	150	MMH-S02	-	ADSW01	-
				MMH-S02	-	ADSW01	-
ASR04043015	400	300	150	MMH-S02	ADO202S	ADSW01	MDMP040
				MMH-S02	ADO202S	ADSW01	MDMP040
ASR04043015-316	400	300	150	MMH-S02	ADO202S	ADSW01	MDMP040
				MMH-S02	ADO202S	ADSW01	MDMP040
ASR04043021	400	300	210	MMH-S02	ADO202S	ADSW01	MDMP040
				MMH-S02	ADO202S	ADSW01	MDMP040
ASR04043021-316	400	300	210	MMH-S02	ADO202S	ADSW01	MDMP040
				MMH-S02	ADO202S	ADSW01	MDMP040
ASR04044021	400	400	210	MMH-S02	ADO202S	ADSW01	MDMP040
				MMH-S02	ADO202S	ADSW01	MDMP040
ASR04044021-316	400	400	210	MMH-S02	ADO202S	ADSW01	MDMP040
				MMH-S02	ADO202S	ADSW01	MDMP040
ASR0406021	400	600	210	MMH-S02	ADO202S	ADSW01	MDMP040
				MMH-S02	ADO202S	ADSW01	MDMP040
ASR0406021-316	400	600	210	MMH-S02	ADO202S	ADSW01	MDMP040
				MMH-S02	ADO202S	ADSW01	MDMP040
ASR0505021	500	400	210	MMH-S02	ADO202S	ADSW01	MDMP050
				MMH-S02	ADO202S	ADSW01	MDMP050
ASR0505021-316	500	400	210	MMH-S02	ADO202S	ADSW01	MDMP050
				MMH-S02	ADO202S	ADSW01	MDMP050
ASR0606021	600	400	210	MMH-S02	ADO202S	ADSW01	MDMP060
				MMH-S02	ADO202S	ADSW01	MDMP060
ASR0606021-316	600	400	210	MMH-S02	ADO202S	ADSW01	MDMP060
				MMH-S02	ADO202S	ADSW01	MDMP060
ASR0606030	600	600	300	MMH-S02	ADO202S	ADSW01	MDMP060
				MMH-S02	ADO202S	ADSW01	MDMP060
ASR0606030-316	600	600	300	MMH-S02	ADO202S	ADSW01	MDMP060
				MMH-S02	ADO202S	ADSW01	MDMP060
ASR06060830	600	800	300	MMH-S02	ADO202S	ADSW01	MDMP060
				MMH-S02	ADO202S	ADSW01	MDMP060
ASR06060830-316	600	800	300	MMH-S02	ADO202S	ADSW01	MDMP060
				MMH-S02	ADO202S	ADSW01	MDMP060
ASR08086021	800	600	210	MMH-S02	ADO202S	ADSW01	MDMP080
				MMH-S02	ADO202S	ADSW01	MDMP080
ASR08086021-316	800	600	210	MMH-S02	ADO202S	ADSW01	MDMP080
				MMH-S02	ADO202S	ADSW01	MDMP080
ASR08086030	800	600	300	MMH-S02	ADO202S	ADSW01	MDMP080
				MMH-S02	ADO202S	ADSW01	MDMP080
ASR08086030-316	800	600	300	MMH-S02	ADO202S	ADSW01	MDMP080
				MMH-S02	ADO202S	ADSW01	MDMP080
ASR1008030	1000	800	300	MMH-S03	ADO202S	ADSW01	MDMP100
				MMH-S03	ADO202S	ADSW01	MDMP100
ASR1008030-316	1000	800	300	MMH-S03	ADO202S	ADSW01	MDMP100
				MMH-S03	ADO202S	ADSW01	MDMP100
ASR1208030	1200	800	300	MMH-S03	ADO202S	ADSW01	MDMP120
				MMH-S03	ADO202S	ADSW01	MDMP120
ASR1208030-316	1200	800	300	MMH-S03	ADO202S	ADSW01	MDMP120
				MMH-S03	ADO202S	ADSW01	MDMP120
ASR1208040	1200	800	400	MMH-S03	ADO202S	ADSW01	MDMP120
				MMH-S03	ADO202S	ADSW01	MDMP120
ASR1208040-316	1200	800	400	MMH-S03	ADO202S	ADSW01	MDMP120
				MMH-S03	ADO202S	ADSW01	MDMP120
ASR1408040	1400	800	400	MMH-S03	ADO202S	ADSW01	MDMP140
				MMH-S03	ADO202S	ADSW01	MDMP140
ASR1408040-316	1400	800	400	MMH-S03	ADO202S	ADSW01	MDMP140
				MMH-S03	ADO202S	ADSW01	MDMP140

Enclosure				Doors			Locks
				Transparent aluminium door			Pedlocking
	H	W	D	Inner door	Glazed door		
ASR0182415	180	240	150	-	-	-	PL001
ASR0182415-316	180	240	150	-	-	-	PL001
ASR0242415	240	240	150	-	-	-	PL001
ASR0242415-316	240	240	150	-	-	-	PL001
ASR0243615	240	360	150	-	-	-	PL001
ASR0243615-316	240	360	150	-	-	-	PL001
ASR0302015	300	200	150	-	-	-	PL001
ASR0302015-316	300	200	150	-	-	-	PL001
ASR0362415	360	240	150	-	ADCS0624	-	PL001
ASR0362415-316	360	240	150	-	-	-	PL001
ASR0403015	400	300	150	ADIS04030	ADCS04030	ADA04030	PL001
ASR0403015-316	400	300	150	ADIS04030	-	ADA04030	PL001
ASR0403021	400	300	210	ADIS04030	ADCS04030	ADA04030	PL001
ASR0403021-316	400	300	210	ADIS04030	-	ADA04030	PL001
ASR0404021	400	400	210	-	ADCS04040	ADA04040	PL001
ASR0404021-316	400	400	210	-	-	ADA04040	PL001
ASR0406021	400	600	210	-	ADCS04060	ADA04060	PL001
ASR0406021-316	400	600	210	-	-	ADA04060	PL001
ASR0504021	500	400	210	ADIS05040	ADCS05040	ADA05040	PL001
ASR0504021-316	500	400	210	ADIS05040	-	ADA05040	PL001
ASR0505021	500	500	210	ADIS05050	ADCS05050	-	PL001
ASR0505021-316	500	500	210	ADIS05050	-	-	PL001
ASR0606021	600	400	210	ADIS06060	ADCS06060	ADA06060	PL001
ASR0606021-316	600	400	210	ADIS06060	-	ADA06060	PL001
ASR0606030	600	600	300	ADIS06060	ADCS06060	ADA06060	PL001
ASR0606030-316	600	600	300	ADIS06060	-	ADA06060	PL001
ASR06060830	600	800	300	-	ADCS06080	ADA06080	PL001
ASR06060830-316	600	800	300	-	-	ADA06080	PL001
ASR0806021	800	600	210	ADIS08060	ADCS08060	ADA08060	PL001
ASR0806021-316	800	600	210	ADIS08060	-	ADA08060	PL001
ASR0806030	800	600	300	ADIS08060	ADCS08060	ADA08060	PL001
ASR0806030-316	800	600	300	ADIS08060	-	ADA08060	PL001
ASR0808030	800	800	300	-	ADCS08080	-	PL001
ASR0808030-316	800	800	300	-	-	-	PL001
ASR1008030	1000	800	300	ADIS10080	ADCS10080	ADAB10080	PL001
ASR1008030-316	1000	800	300	ADIS10080	-	ADAB10080	PL001
ASR1208030	1200	800	300	ADIS12080	ADCS12080	ADAB12080	PL001
ASR1208030-316	1200	800	300	ADIS12080	-	ADAB12080	PL001
ASR1208040	1200	800	400	ADIS12080	ADCS12080	ADAB12080	PL001
ASR1208040-316	1200	800	400	ADIS12080	-	ADAB12080	PL001
ASR1408040	1400	800	400	-	ADCS14080	-	PL001
ASR1408040-316	1400	800	400	-	-	-	PL001

Wall Mounted Enclosures

Steel Range | Stainless Steel

Double door | ADR

IP 55 | TYPE 12, 13 | IK 10

02

Wall Mounted Enclosures



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.



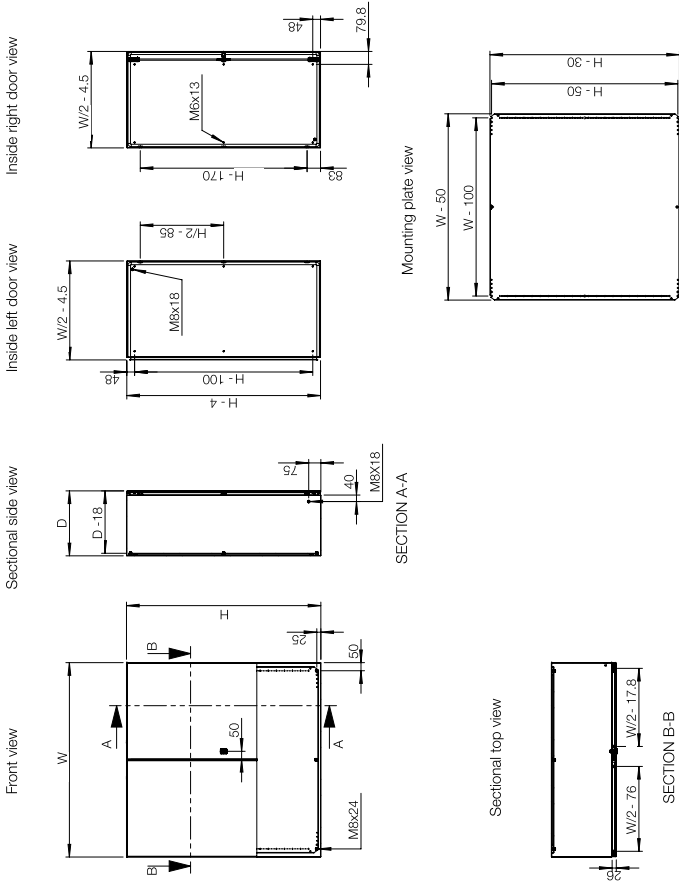
IP 55 | TYPE 12, 13 | IK 10

With mounting plate

Enclosure dimensions			Mounting plate dimensions			Usable depth		N° of locks	Item no.
H	W	D	h	w	d	d	d		
1000	1000	300	970	950	282	282	282	1*	ADR1001030
1000	1000	300	970	950	282	282	282	1*	ADR1001030-316
1000	1200	300	970	1150	282	282	282	1*	ADR1001230
1000	1200	300	970	1150	282	282	282	1*	ADR1001230-316
1200	1200	400	1170	1150	382	382	382	1*	ADR1201240
1200	1200	400	1170	1150	382	382	382	1*	ADR1201240-316

* 3 point espagnolette locking.

Dimensional drawing | ADR



Enclosure	Mounting			Depth adjustment kit			Steel mounting plate			Depth interior profile			Wall mounting brackets			Fitting			Protection
	H	W	D	AMP10100	AMP10100	AMP10100	AMP10100	AMP10100	AMP10100	DIP300	DIP300	DIP300	AWS41-304	AWS41-304	AWS41-304	MS/ST103	MS/ST103-316	MS/ST103-316	
ADR1001030	1000	1000	300	AMP10100	AMP10100	AMP10100	AMP10100	AMP10100	AMP10100	DIP300	DIP300	DIP300	AWS41-304	AWS41-304	AWS41-304	MS/ST103	MS/ST103-316	MS/ST103-316	ASST103
ADR1001030-316	1000	1000	300	AMP10100	AMP10100	AMP10100	AMP10100	AMP10100	AMP10100	DIP300	DIP300	DIP300	AWS41-304	AWS41-304	AWS41-304	MS/ST103	MS/ST103-316	MS/ST103-316	ASST103-316
ADR1001230	1000	1200	300	AMP10120	AMP10120	AMP10120	AMP10120	AMP10120	AMP10120	DIP300	DIP300	DIP300	AWS41-304	AWS41-304	AWS41-304	MS/ST123	MS/ST123-316	MS/ST123-316	ASST123
ADR1001230-316	1000	1200	300	AMP10120	AMP10120	AMP10120	AMP10120	AMP10120	AMP10120	DIP300	DIP300	DIP300	AWS41-304	AWS41-304	AWS41-304	MS/ST123	MS/ST123-316	MS/ST123-316	ASST123-316
ADR1201240	1200	1200	400	AMP12120	AMP12120	AMP12120	AMP12120	AMP12120	AMP12120	DIP400	DIP400	DIP400	AWS41-304	AWS41-304	AWS41-304	MS/ST124	MS/ST124-316	MS/ST124-316	ASST124
ADR1201240-316	1200	1200	400	AMP12120	AMP12120	AMP12120	AMP12120	AMP12120	AMP12120	DIP400	DIP400	DIP400	AWS41-304	AWS41-304	AWS41-304	MS/ST124	MS/ST124-316	MS/ST124-316	ASST124-316

Enclosure	Doors			Doors			Doors			Doors			Doors			Doors			Protection
	H	W	D	PLC01	PLC01	PLC01	PLC01	PLC01	PLC01	AD0202S	AD0202S	AD0202S	AD0202S	AD0202S	AD0202S	AD0202S	AD0202S	AD0202S	
ADR1001030	1000	1000	300	PLC01	PLC01	PLC01	PLC01	PLC01	PLC01	AD0202S	AD0202S	AD0202S	AD0202S	AD0202S	AD0202S	AD0202S	AD0202S	AD0202S	DHP050
ADR1001030-316	1000	1000	300	PLC01	PLC01	PLC01	PLC01	PLC01	PLC01	AD0202S	AD0202S	AD0202S	AD0202S	AD0202S	AD0202S	AD0202S	AD0202S	AD0202S	DHP050
ADR1001230	1000	1200	300	PLC01	PLC01	PLC01	PLC01	PLC01	PLC01	AD0202S	AD0202S	AD0202S	AD0202S	AD0202S	AD0202S	AD0202S	AD0202S	AD0202S	DHP060
ADR1001230-316	1000	1200	300	PLC01	PLC01	PLC01	PLC01	PLC01	PLC01	AD0202S	AD0202S	AD0202S	AD0202S	AD0202S	AD0202S	AD0202S	AD0202S	AD0202S	DHP060
ADR1201240	1200	1200	400	PLC01	PLC01	PLC01	PLC01	PLC01	PLC01	AD0202S	AD0202S	AD0202S	AD0202S	AD0202S	AD0202S	AD0202S	AD0202S	AD0202S	DHP060
ADR1201240-316	1200	1200	400	PLC01	PLC01	PLC01	PLC01	PLC01	PLC01	AD0202S	AD0202S	AD0202S	AD0202S	AD0202S	AD0202S	AD0202S	AD0202S	AD0202S	DHP060

Wall Mounted Enclosures

Steel Range | Stainless Steel

Single door | AFS

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

02

Wall Mounted Enclosures



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:

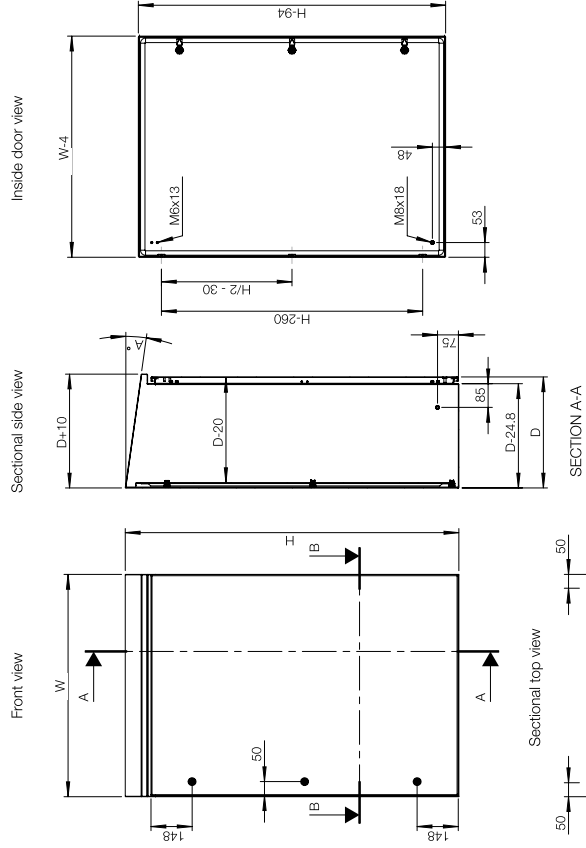
In environments known for quick temperature changes, consideration to condensation should be taken. Please see the thermal management section.



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

With mounting plate

Enclosure dimensions				Mounting plate dimensions			Usable depth		Degree of slope	N° of locks	Item no.
H	W	D		h	w	d					
300	200	155		275	150	135			20°	1	AFS03021
300	200	155		275	150	135			20°	1	AFS03021-316
400	300	155		375	250	135			20°	1	AFS04031
400	300	155		375	250	135			20°	1	AFS04031-316
400	400	210		375	350	190			15°	1	AFS04042
400	400	210		375	350	190			15°	1	AFS04042-316
400	600	210		375	550	190			15°	1	AFS04062
400	600	210		375	550	190			15°	1	AFS04062-316
500	500	210		475	450	190			15°	1	AFS05052
500	500	210		475	450	190			15°	1	AFS05052-316
600	400	210		575	350	190			15°	2	AFS06042
600	400	210		575	350	190			15°	2	AFS06042-316
600	600	210		575	550	190			15°	2	AFS06062
600	600	210		575	550	190			15°	2	AFS06062-316
600	600	300		575	550	280			11°	2	AFS06063
600	600	300		575	550	280			11°	2	AFS06063-316
600	800	300		550	750	280			11°	2	AFS06083
600	800	300		550	750	280			11°	2	AFS06083-316
800	600	210		750	550	190			15°	2	AFS08062
800	600	210		750	550	190			15°	2	AFS08062-316
800	600	300		750	550	280			11°	2	AFS08063
800	600	300		750	550	280			11°	2	AFS08063-316
800	800	210		750	750	190			15°	2	AFS08082
800	800	210		750	750	190			15°	2	AFS08082-316
800	800	300		750	750	280			11°	2	AFS08083
800	800	300		750	750	280			11°	2	AFS08083-316
1000	800	300		950	750	280			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	550	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



SECTION A-A

SECTION B-B

Mounting plate view

Enclosure	Mounting			Fixing			Wall mounting brackets		
	H	W	D	Depth interior profile	Piloth	Pole fixation			
AFS03021	300	200	155	-	-	-	AWS41-304		
AFS03021-316	300	200	155	-	-	-	AWS41-316		
AFS04031	400	300	155	-	-	EPD300	AWS41-304		
AFS04031-316	400	300	155	-	-	EPD300	AWS41-316		
AFS04042	400	400	210	DIP210	-	EPD400	AWS41-304		
AFS04042-316	400	400	210	DIP210	-	EPD400	AWS41-316		
AFS04062	400	600	210	DIP210	-	EPD600	AWS41-304		
AFS04062-316	400	600	210	DIP210	-	EPD600	AWS41-316		
AFS05052	500	500	210	DIP210	-	EPD500	AWS41-304		
AFS05052-316	500	500	210	DIP210	-	EPD500	AWS41-316		
AFS06042	600	400	210	DIP210	-	EPD400	AWS41-304		
AFS06042-316	600	400	210	DIP210	-	EPD400	AWS41-316		
AFS06062	600	600	210	DIP210	-	EPD600	AWS41-304		
AFS06062-316	600	600	210	DIP210	-	EPD600	AWS41-316		
AFS06063	600	600	300	DIP300	MSYST063	EPD600	AWS41-304		
AFS06063-316	600	600	300	DIP300	MSYST063-316	EPD600	AWS41-316		
AFS06083	600	800	300	DIP300	MSYST083	EPD800	AWS41-304		
AFS06083-316	600	800	300	DIP300	MSYST083-316	EPD800	AWS41-316		
AFS08062	800	600	210	DIP210	-	EPD600	AWS41-304		
AFS08062-316	800	600	210	DIP210	-	EPD600	AWS41-316		
AFS08063	800	600	300	DIP300	MSYST063	EPD600	AWS41-304		
AFS08063-316	800	600	300	DIP300	MSYST063-316	EPD600	AWS41-316		
AFS08082	800	800	210	DIP210	-	EPD800	AWS41-304		
AFS08082-316	800	800	210	DIP210	-	EPD800	AWS41-316		
AFS08083	800	800	300	DIP300	MSYST083	EPD800	AWS41-304		
AFS08083-316	800	800	300	DIP300	MSYST083-316	EPD800	AWS41-316		
AFS10083	1000	800	300	DIP300	MSYST083	EPD800	AWS41-304		
AFS10083-316	1000	800	300	DIP300	MSYST083-316	EPD800	AWS41-316		
AFST12063	1200	600	300	DIP300	MSYST063	EPD600	AWS41-304		
AFST12063-316	1200	600	300	DIP300	MSYST063-316	EPD600	AWS41-316		
AFST12083	1200	800	300	DIP300	MSYST083	EPD800	AWS41-304		
AFST12083-316	1200	800	300	DIP300	MSYST083-316	EPD800	AWS41-316		
AFST12084	1200	800	400	DIP400	MSYST084	EPD800	AWS41-304		
AFST12084-316	1200	800	400	DIP400	MSYST084-316	EPD800	AWS41-316		
AFST14084	1400	800	400	DIP400	MSYST084	EPD800	AWS41-304		
AFST14084-316	1400	800	400	DIP400	MSYST084-316	EPD800	AWS41-316		

Enclosure	Doors			180° hinges			Door stop			Door switch			Paddocking		
	H	W	D												
AFS03021	300	200	155	MMHS02			-			ADS001			PL001		
AFS03021-316	300	200	155	MMHS02			-			ADS001			PL001		
AFS04031	400	300	155	MMHS02			ADO02S			ADS001			PL001		
AFS04031-316	400	300	155	MMHS02			ADO02S			ADS001			PL001		
AFS04042	400	400	210	MMHS02			ADO02S			ADS001			PL001		
AFS04042-316	400	400	210	MMHS02			ADO02S			ADS001			PL001		
AFS04062	400	600	210	MMHS02			ADO02S			ADS001			PL001		
AFS04062-316	400	600	210	MMHS02			ADO02S			ADS001			PL001		
AFS05052	500	500	210	MMHS02			ADO02S			ADS001			PL001		
AFS05052-316	500	500	210	MMHS02			ADO02S			ADS001			PL001		
AFS06042	600	400	210	MMHS02			ADO02S			ADS001			PL001		
AFS06042-316	600	400	210	MMHS02			ADO02S			ADS001			PL001		
AFS06062	600	600	210	MMHS02			ADO02S			ADS001			PL001		
AFS06062-316	600	600	210	MMHS02			ADO02S			ADS001			PL001		
AFS06063	600	600	300	MMHS02			ADO02S			ADS001			PL001		
AFS06063-316	600	600	300	MMHS02			ADO02S			ADS001			PL001		
AFS06083	600	800	300	MMHS02			ADO02S			ADS001			PL001		
AFS06083-316	600	800	300	MMHS02			ADO02S			ADS001			PL001		
AFS08062	800	600	210	MMHS02			ADO02S			ADS001			PL001		
AFS08062-316	800	600	210	MMHS02			ADO02S			ADS001			PL001		
AFS08063	800	600	300	MMHS02			ADO02S			ADS001			PL001		
AFS08063-316	800	600	300	MMHS02			ADO02S			ADS001			PL001		
AFS08082	800	800	210	MMHS02			ADO02S			ADS001			PL001		
AFS08082-316	800	800	210	MMHS02			ADO02S			ADS001			PL001		
AFS08083	800	800	300	MMHS02			ADO02S			ADS001			PL001		
AFS08083-316	800	800	300	MMHS02			ADO02S			ADS001			PL001		
AFST10083	1000	800	300	MMHS03			ADO02S			ADS001			PL001		
AFST10083-316	1000	800	300	MMHS03			ADO02S			ADS001			PL001		
AFST12063	1200	600	300	MMHS03			ADO02S			ADS001			PL001		
AFST12063-316	1200	600	300	MMHS03			ADO02S			ADS001			PL001		
AFST12083	1200	800	300	MMHS03			ADO02S			ADS001			PL001		
AFST12083-316	1200	800	300	MMHS03			ADO02S			ADS001			PL001		
AFST12084	1200	800	400	MMHS03			ADO02S			ADS001			PL001		
AFST12084-316	1200	800	400	MMHS03			ADO02S			ADS001			PL001		
AFST14084	1400	800	400	MMHS03			ADO02S			ADS001			PL001		
AFST14084-316	1400	800	400	MMHS03			ADO02S			ADS001			PL001		



Steel dedicated accessories

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Wall Mounted Enclosures

Steel Range

Accessories

Mounting plates, AMP

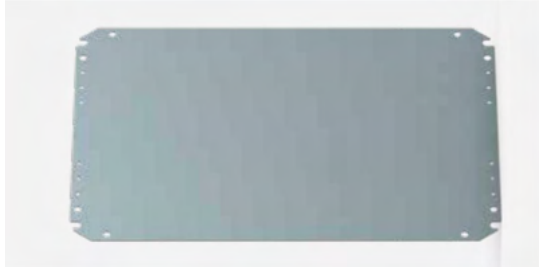
Description: Steel mounting plate for wall mounted enclosures. All sizes from 800 mm and above are strengthened by folded edges. By using the AMG accessory, the mounting plate position can be adjusted to any depth. This accessory is not suitable for the AFS range of enclosures, please refer to the replacement and spare parts catalogue.

Material: Galvanized steel.

Pack quantity: 1 piece.

For enclosure			Mounting plate dimensions			Item no.
H	W	h	h	w		
200	200	170	150	150		AMP02020
250	200	220	150	150		AMP02520
250	250	220	200	200		AMP02525
300	250	270	200	200		AMP03025
300	300	270	250	250		AMP03030
300	600	270	550	550		AMP03060
300	800	270	750	750		AMP03080
300	1000	270	950	950		AMP03100
300	1200	270	1150	1150		AMP03120
350	250	320	200	200		AMP03525
400	300	370	250	250		AMP04030
400	400	370	350	350		AMP04040
400	500	370	450	450		AMP04050
400	600	370	550	550		AMP04060
500	300	470	250	250		AMP05030
500	400	470	350	350		AMP05040
500	500	470	450	450		AMP05050
600	400	570	350	350		AMP06040
600	500	570	450	450		AMP06050
600	600	570	550	550		AMP06060
600	800	570	750	750		AMP06080
700	500	670	450	450		AMP07050
800	400	770	350	350		AMP08040
800	600	770	550	550		AMP08060
800	800	770	750	750		AMP08080
1000	1200	770	1150	1150		AMP08120
1000	600	970	550	550		AMP10060
1000	800	970	750	750		AMP10080
1000	1000	970	950	950		AMP10100
1000	1200	970	1150	1150		AMP10120
1200	600	1170	550	550		AMP12060
1200	800	1170	750	750		AMP12080
1200	1000	1170	950	950		AMP12100
1200	1200	1170	1150	1150		AMP12120
1400	1000	1370	950	950		AMP14100

Not suitable for AFS.



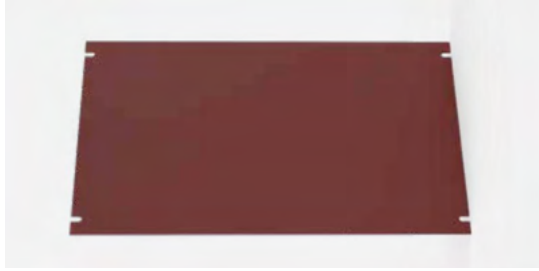
Description: Insulated mounting plate for wall mounted enclosures. By using the AMG accessory, the mounting plate position can be adjusted to any depth. This accessory is not suitable for the AFS range of enclosures, please refer to the replacement and spare parts catalogue.

Material: Bakelite.

Pack quantity: 1 piece.

For enclosure			Mounting plate dimensions			Item no.
H	W	h	h	w		
200	200	170	150	150		AMI02020
250	200	220	150	150		AMI02520
250	250	220	200	200		AMI02525
300	250	270	200	200		AMI03025
300	300	270	250	250		AMI03030
350	250	320	200	200		AMI03525
400	300	370	250	250		AMI04030
400	400	370	350	350		AMI04040
400	500	370	450	450		AMI04050
400	600	370	550	550		AMI04060
500	300	470	250	250		AMI05030
500	400	470	350	350		AMI05040
500	500	470	450	450		AMI05050
600	400	570	350	350		AMI06040
600	500	570	450	450		AMI06050
600	600	570	550	550		AMI06060
600	800	570	750	750		AMI06080
700	500	670	450	450		AMI07050
800	400	770	350	350		AMI08040
800	600	770	550	550		AMI08060
800	800	770	750	750		AMI08080
1000	600	970	550	550		AMI10060
1000	800	970	750	750		AMI10080
1200	600	1170	550	550		AMI12060
1200	800	1170	750	750		AMI12080

Not suitable for AFS.



Insulated mounting plates, AMI

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.

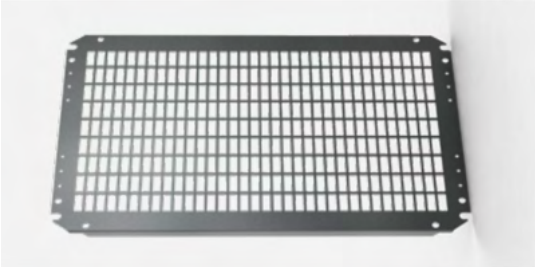
For enclosure				Mounting plate dimensions			Item no.
H	W	h	w	H	h	w	
400	300	370	250	400	370	250	AMT04030
400	400	370	350	400	370	350	AMT04040
400	500	370	450	400	370	450	AMT04050
400	600	370	550	400	370	550	AMT04060
500	300	470	250	500	470	250	AMT05030
500	400	470	350	500	470	350	AMT05040
500	500	470	450	500	470	450	AMT05050
600	400	570	350	600	570	350	AMT06040
600	500	570	450	600	570	450	AMT06050
600	600	570	550	600	570	550	AMT06060
600	800	570	750	600	570	750	AMT06080
700	500	670	450	700	670	450	AMT07050
800	400	770	350	800	770	350	AMT08040
800	600	770	550	800	770	550	AMT08060
800	800	770	750	800	770	750	AMT08080
1000	600	970	550	1000	970	550	AMT10060
1000	800	970	750	1000	970	750	AMT10080
1200	600	1170	550	1200	1170	550	AMT12060
1200	800	1170	750	1200	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		
	M 5		
	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.

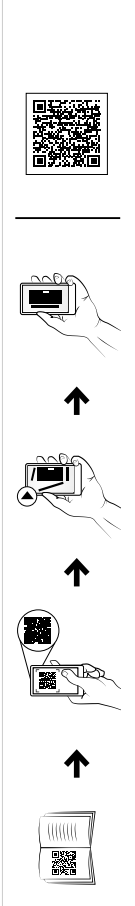
Material: 2 mm galvanized steel.

Depth adjustment: Distance to the door D-35 to 65 mm.

Pack quantity: 2 pairs with mounting accessories.

For enclosure		Item no.
D		
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

Wall Mounted Enclosures
Steel Range
Accessories

Depth interior profile, DIP

Description:

The DIP profile system is a 40 mm wide and 25 mm high profile, which can be mounted on the enclosure depth. It can also be used in combination with CLPF and CLPK profiles. Two rows of holes patterns for cage nut fixing and self-tapping screws are provided. DIP profiles are not compatible with adjustment in depth of the mounting plate.

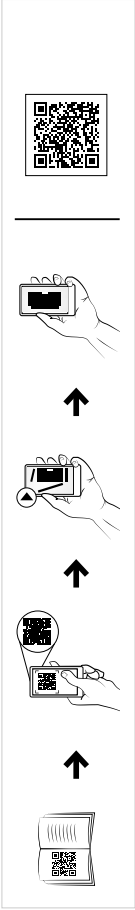
Material:

Zinc plated steel.

Pack quantity:

4 profiles including fixing accessories.

D	For enclosure	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
	800	10	500 N	SFCP106
	800	12	500 N	SFCP126
	800	15	500 N	SFCP156
	1000	19	500 N	SFCP196
	1200	24	500 N	SFCP246

Not suitable for AFS.



Wall Mounted Enclosures

Steel Range

Accessories

Partial SF transversal support bars, SFBP

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

Material: 3 mm zinc plated steel.

Pack quantity: 1 complete kit including mounting brackets for one swing frame.

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

For enclosure		Item no.
W	600	SFBP600
	800	SFBP800

Not suitable for AFS.



Modular chassis, AC

Description: Used for easy mounting of DIN-rail components with a maximum height of 68 mm. Distance between rows 125 mm. If required, the standard enclosure door can be replaced with a glazed door. Usable depth between front cover and external door: 35 mm. In stainless steel enclosure machining is required.

Material: DIN-rails PP0735 made of 1.2 mm galvanized steel, vertical profiles 1.5 mm mild steel, and front cover 1.5 mm mild steel.

Finish: RAL 7035 structured powder coating.

Pack quantity: Slotted front panel, two vertical profiles, top and bottom blank panels, one DIN-rail per row, and mounting accessories.

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

For enclosure				
H	W	N° of modules	N° of rows	Item no.
300	250	16	2	AC03025R5
400	300	33	3	AC04030R5
500	400	48	3	AC05040R5
600	400	64	4	AC06040R5
600	600	108	4	AC06060R5
700	500	110	5	AC07050R5
800	600	162	6	AC08060R5
1000	600	189	7	AC10060R5
1000	800	266	7	AC10080R5



Modular system frames, MSMSM

Description: Two single vertical profiles, which can be used both for front covers and assembly of components. A cost effective solution for panel builders, reducing assembly time, which also enables assembly outside the enclosure. Useful height for front covers is: Height – 100 mm.

Material: 1.5 mm steel.

Finish: RAL 7035.

Pack quantity: 1 kit.

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

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



Wall Mounted Enclosures

Steel Range

Accessories

Mounting plates, MSMPN

Description: Mounting plate for installation of breakers. Suitable for left and right hand connections.

Material: 1.5 mm galvanized steel.

Pack quantity: 1 piece with mounting material.

Mounting requirements: To be assembled on the modular system frame with MSMPA01 or MSMPF01.

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

Horizontal opening

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

Vertical opening

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



DIN rails, MSDR

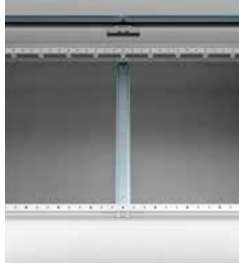
Description: Cut to size DIN rail ready to be installed. The simplified panel design makes procurement easier and reduces assembly time.

Material: Galvanized steel.

Pack quantity: 5 pieces.

Mounting requirements: To be used with modular system.

W	Item no.
600	MSDR0600
800	MSDR0800



Fixed brackets, MSMPF01

Description: A bracket to mount a DIN-rail to allow for mounting of modular components in the modular system profiles. Cost effective solution for panel builders.

Material: 2.5 mm galvanized steel.

Pack quantity: 2 pairs.

Mounting requirements: To be assembled on the modular system frame.

Item no.
MSMPF01



Adjustable brackets, MSMPA01

Description: A bracket to mount a DIN-rail or mounting plate which is adjustable in depth to allow for mounting of components in different sizes in the desired position.

Material: 2.5 mm galvanized steel, zamak.

Pack quantity: 2 pairs.

Mounting requirements: To be assembled on the modular system frame.

Item no.
MSMPA01



Wall Mounted Enclosures

Steel Range

Accessories

Slotted front panels, MSMCP

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

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



Plain front panels, MSMBP

- Description:** Plain front panel for modular 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

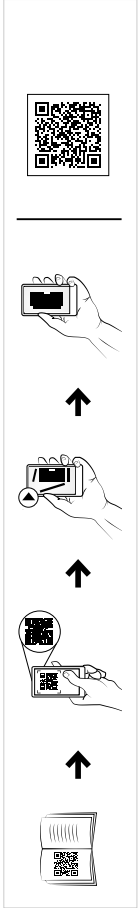


Wall Mounted Enclosures
Steel Range
Accessories

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		Item no.
Height	Width			
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		Item no.
Height	Depth			
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			Item no.
W	D		
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 Wx 400mm. 300 or 450 mm high are available. Machining is required.

Material: 2 mm mild steel

Finish: RAL 7035 structured powder coating.

Pack quantity: 2 pieces with mounting accessories.

For enclosure			Item no.
Plinth Height	Depth		
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			N° of locks	Item no.
H	W		h	w			
300	250		159	93		1	ADT0302SR5
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.



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			N° of locks	Item no.
H	W	h	w			
300	250	159	93		1	ADC0302SR5
300	300	159	143		1	ADC0303OR5
400	300	259	143		1	ADC0403OR5
400	400	259	243		1	ADC0404OR5
500	300	359	143		1	ADC0503OR5
500	400	359	243		1	ADC0504OR5
600	400	459	243		2	ADC0604OR5
600	500	459	343		2	ADC0605OR5
700	600	559	443		2	ADC0606OR5
800	600	659	443		2	ADC0705OR5
1000	600	859	427		1*	ADC1006OR5
1200	800	1059	627		1*	ADC1008OR5
1200	800	1059	627		1*	ADC1206OR5
1200	800	1059	627		1*	ADC1208OR5

* 3 point espagnolette locking.
Not suitable for AFS.

For enclosure		Viewing area			N° of locks	Item no.
H	W	h	w			
360	240	219	83		1	ADCS03624
400	300	259	143		1	ADCS04030
400	400	259	243		1	ADCS04040
400	600	259	443		1	ADCS04060
500	400	359	243		1	ADCS05040
500	500	359	343		1	ADCS05050
600	400	459	243		2	ADCS06040
600	600	459	443		2	ADCS06060
600	800	459	643		2	ADCS06080
800	800	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		N° of locks	Item no.
H	W	h	w		
300	300	226	226	1	ADA03030
400	300	326	226	1	ADA04030
400	400	326	326	1	ADA04040
400	600	326	526	1	ADA04060
500	300	426	226	1	ADA05030
500	400	426	326	1	ADA05040
600	400	522	322	2	ADA06040
600	600	522	522	2	ADA06060
600	800	522	722	2	ADA06080
700	500	622	422	2	ADA07050
800	600	722	522	2	ADA08060
1000	800	922	722	2	ADA10080
1200	600	1122	522	2	ADA12060
1200	800	1122	722	2	ADA12080

Not suitable for AFS



Mounting kits, ADAMK/ADABMK

Description:

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

For	Item no.
ADA	ADAMK
ADAB	ADABMK

Wall Mounted Enclosures

Steel Range

Accessories

Inner doors, ADI

Description:

For controls, meters, lamps, etc. Hinges can be mounted to allow left or right hand opening. Lock double-bit 3 mm insert, 700 mm high doors and above have 2 locks. Usable depth between inner and external door: 35 mm. Adjustable depth position with AMG accessory. Workable area H-55, W- 108. 19" version available on request. Machining is required for stainless steel enclosures.

Material:

Door 1.5 mm mild steel, vertical top and bottom profiles 2 mm mild steel.

Finish:

RAL 7035 structured powder coating.

Protection:

IP 2XC.

Pack quantity:

Inner door, two vertical profiles, top and bottom profiles and mounting accessories.

For enclosure		Inner door dimensions			N° of locks	Item no.
H	W	h	w			
400	300	345	192		1	ADID030R5
400	400	345	292		1	ADID040R5
400	500	345	392		1	ADID050R5
400	600	345	492		1	ADID060R5
500	300	445	192		1	ADID033R5
500	400	445	292		1	ADID040R5
500	500	445	392		1	ADID050R5
600	400	545	292		1	ADID060R5
600	500	545	392		1	ADID065R5
600	600	545	492		1	ADID060R5
600	800	545	692		1	ADID080R5
700	500	645	392		2	ADID070R5
800	400	745	292		2	ADID080R5
800	600	745	492		2	ADID060R5
800	800	745	692		2	ADID080R5
1000	600	945	492		2	ADID100R5
1000	800	945	692		2	ADID108R5
1200	600	1145	492		2	ADID120R5
1200	800	1145	692		2	ADID208R5

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			N° of locks	Item no.
H	W	h	w			
400	300	345	192		1	ADIS04030
500	400	445	292		1	ADIS05040
500	500	445	392		1	ADIS05050
600	400	545	292		1	ADIS06040
600	600	545	492		1	ADIS06060
800	600	745	492		2	ADIS08060
1000	800	945	692		2	ADIS10080
1200	800	1145	692		2	ADIS12080

To order 19" version, please add /19 to the catalogue no. e.g. ADIS04030/19.
Not suitable for AFS.



Wall Mounted Enclosures

Steel Range

Accessories

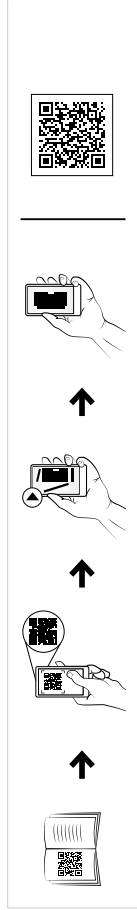
180° Hinges, MMH

Description: Door hinges that allow the door to open 180°. Machining is not required.

Material: Zamak.

Pack quantity: MMH02 - 2 pcs. MMH03 - 3 pcs.

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



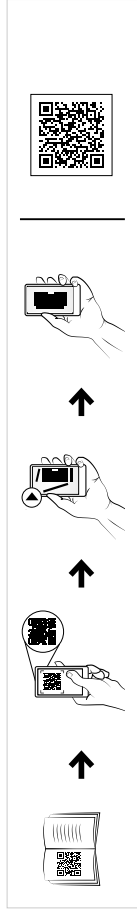
180° Hinges, MMHS

Description: Door hinges that allow the door to open 180°. Machining is not required.

Material: Stainless steel 316.

Pack quantity: MMHS02 - 2 pcs. MMHS03 - 3 pcs.

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

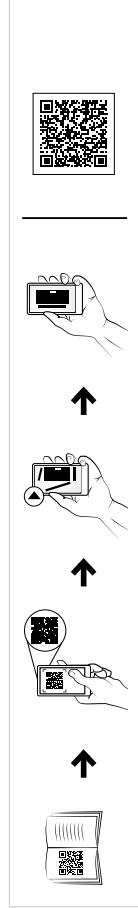


Door stop, ADO

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

Pack quantity: 1 piece with mounting accessories.

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



Door switch, ADSW

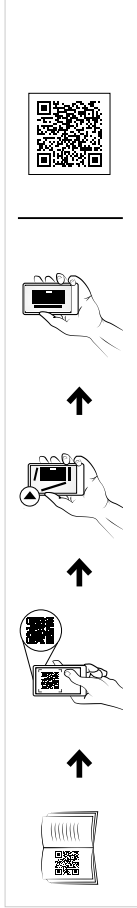
Description: Door switch to activate any electrical device (lighting, signalling, alarms, etc.) designed for wall mounted enclosures. Cable entry W20. In stainless steel enclosures, machining is required.

Switch capacity: 3 A / 240 V

Approvals: CE, cCCSAus, CCC.

Pack quantity: 1 piece with mounting accessories.

Item no.
ADSW01



Wall Mounted Enclosures
Steel Range
Accessories

Inserts, ALIS

Description:	Inserts to replace the standard double-bit 3 mm insert in the standard ALLS03 lock		
Material:	Zamak chrome plated.		
Pack quantity:	1 piece.		
Description	Item no.		
Double-bit 3 mm	ALIS03		
Double-bit 5 mm	ALIS05		
Square 7 mm	ALIS23		
Triangular 8 mm	ALIS24		
Square 8 mm	ALIS25		
Slotted 2x4 mm	ALIS28		

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.	
ANSI 304 stainless steel	IP 65	ALLS04	
ANSI 316L stainless steel	IP 66	ALLS16	

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 buying 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. 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.

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	AFG01RS	
310 x 96	2	AFG02RS	
410 x 96	3	AFG03RS	
510 x 96	4	AFG04RS	

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.		
	N° of FL openings	Gland plate type	Item no.
210 x 96	1xFL13	1	AFA01RS
310 x 96	1xFL21	2	AFA02RS
410 x 96	1xFL21	3	AFA03RS
510 x 96	2xFL21	4	AFA04RS

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	AFK1SR5
	310 x 56	6	3	1	—	2S	AFK2SR5
	410 x 56	9	4	1	—	3S	AFK3SR5
	210 x 96	4	5	2	2	1	AFK1R5
	210 x 96	12	—	1	1	1	AFK12R5
	310 x 96	9	5	4	2	2	AFK2R5
	310 x 96	21	—	1	1	2	AFK22R5
	410 x 96	18	5	4	2	3	AFK3R5
	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

Plastic cable glands, CPG

Description: Traditional cable fittings. Known for excellent strain relief even while providing a high protection class. Plastic lock nuts for fixation are included in the delivery.

Material: Fitting body made of polyamide PA6, and sealing made of neoprene.

Temperature resistance: -20°C to +100°C.

Flammability: V-2 according to UL94.

Finish: RAL 7035.

Protection: IP 66

Thread	Cable Size	Pack quantity	Item no.
M12 x 1.5	3 - 6.5	100	CPG12
M16 x 1.5	5 - 10	50	CPG16
M20 x 1.5	6 - 12	50	CPG20
M25 x 1.5	13 - 18	50	CPG25
M32 x 1.5	18 - 25	20	CPG32
M40 x 1.5	22 - 32	10	CPG40
M50 x 1.5	30 - 38	5	CPG50
M63 x 1.5	34 - 44	5	CPG63



Simple protection cables entry, CES

Description: Simple grommet manufactured in a rubber-like material. The installation does not require tools. The "pushout" membrane is a permanent seal until it is penetrated by a cable or pipe. It is equipped with a sock that closes tight around the cable and allows for it to be moved around like a "joy-stick" in the opening without endangering the IP, so it works extremely well with cables passing through at an angle. Suitable for holes in materials of 0.5 to 4.5 mm thickness.

Material: TPE (thermoplastic elastomer), halogen free.

Temperature resistance: -50 °C to +125 °C.

Finish: RAL 7035.

Protection: IP 67

H	H1	H2	Metric	Diameter	Cable diameter (mm)	Hole diameter (mm)	Pack quantity	Item no.
11.0	4.0	6.75	M16	23.5	5-10	16.5	50	CES16
11.0	4.0	6.75	M20	27.5	6-13	20.5	50	CES20
11.0	4.0	6.75	M25	39.5	8-17	25.5	50	CES25
11.0	4.0	6.75	M32	39.5	12-24	32.5	25	CES32



Double protection cables entry, CED

Description: The rubber grommet is very simple to use. The installation does not require tools, which in turn means lower work cost. The "pushout" membrane is a permanent seal until it is penetrated by a cable or pipe. Suitable for holes in materials of 0.5 to 4 mm thickness.

Material: EPDM, halogen free.

Temperature resistance: -40 °C to +110 °C.

Finish: RAL 7035.

Protection: IP 67

H	H1	Metric	Diameter	Cable diameter (mm)	Hole diameter (mm)	Pack quantity	Item no.
12.8	5.6	M12	20.0	4-7	12.5	50	CED12
17.7	11.0	M16	21.0	5-9	16.5	50	CED16
20.0	13.4	M20	25.5	8-13	20.5	50	CED20
21.3	15.3	M25	30.5	11-17	25.5	50	CED25
24.6	18.6	M32	38.5	15-20	32.5	25	CED32
29.5	21.7	M40	48.5	19-28	40.5	25	CED40
34.8	25.0	M50	60.5	27-35	50.5	10	CED50



Cable anchorage glands, CAG

Description: Two-component grommet with membrane seal and cable anchorage. The installation does not require tools. It is self-adjusting to its surrounding wall thickness and click-fixed in place. Because of its compact design it only extends 5.7 mm outside the enclosure on which it is mounted. The "pushout" membrane is a permanent seal until it is penetrated by a cable or pipe. Suitable for holes in materials of 0.7 to 3 mm thickness.

Material: TPE and polyamide 66, halogen free.

Temperature resistance: -20 °C to +125 °C.

Finish: RAL 7035.

Protection: IP 67, 65, waterproof.

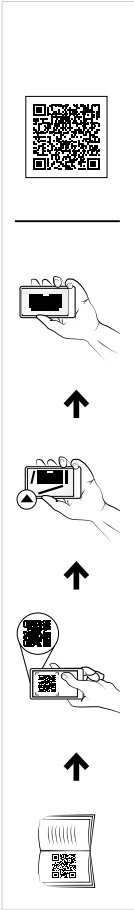
Pack quantity: 50 pieces.

H	H2	Metric	Diameter	Cable diameter (mm)	Hole diameter (mm)	Item no.
17-20	5.7	M20	34-37	7-11	20.5	CAG20
17-20	5.7	M25	39-42	7-13	25.5	CAG25

Earthing cables, ECFE



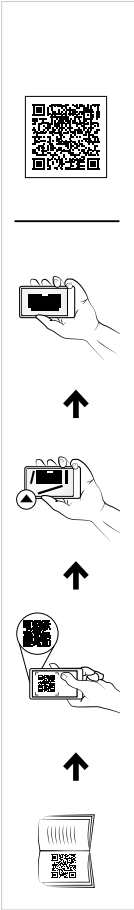
Description: For earthing between metallic parts.			
Material: 6 mm ² copper wire (yellow-green).			
Pack quantity: 10 pieces.			
Mounting requirements: Add connection set ECF for fixing cable to painted frame.			
Length	Connection size	Item no.	
220 mm	M6 / M8	ECFA220	
300 mm	M8 / M8	ECFA300	



Earthing straps, ECFE



Description: For earthing and potential compensation between panels, parts and the enclosure's frame.			
Length: 300 mm.			
Material: Tinned electrolytic copper 0.15 mm wire.			
Working temperature: Up to 105°C.			
Pack quantity: 10 pieces.			
Mounting requirements: Add ECF connection set for fixing strap to painted frame.			
Cross sectional area	Holes diam.	Current (A)	Item no.
16 mm ²	8.5	120 A	ECFE1630
25 mm ²	10.5	150 A	ECFE2530



Earthing connection for panels, ECP



Description: Earthing connection for fixing the earthing straps and cables to panels, mounting plates or profiles.			
Pack quantity: 10 sets.			
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 180° MMH hinges.



For enclosure			Item no.
W	D		
250	155		ARF0251SR5
250	210		ARF0252TR5
300	155		ARF0301SR5
300	210		ARF0302TR5
400	155		ARF0401SR5
400	210		ARF0402TR5
400	260		ARF04026R5
400	300		ARF04030R5
500	155		ARF0501SR5
500	210		ARF0502TR5
500	260		ARF05026R5
500	300		ARF05030R5
600	210		ARF0602TR5
600	260		ARF06026R5
600	300		ARF06030R5
800	400		ARF08040R5
800	210		ARF0802TR5
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 180° MMH hinges.



For enclosure			Item no.
W	D		
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

02

Wall Mounted Enclosures



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:

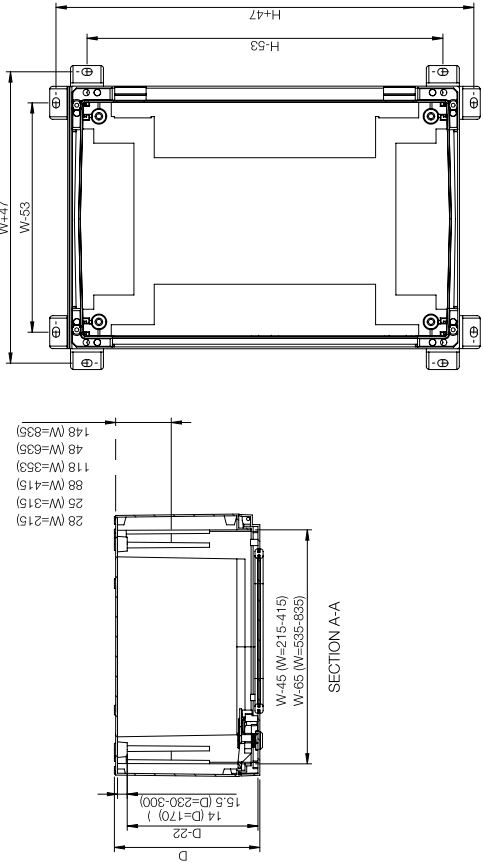
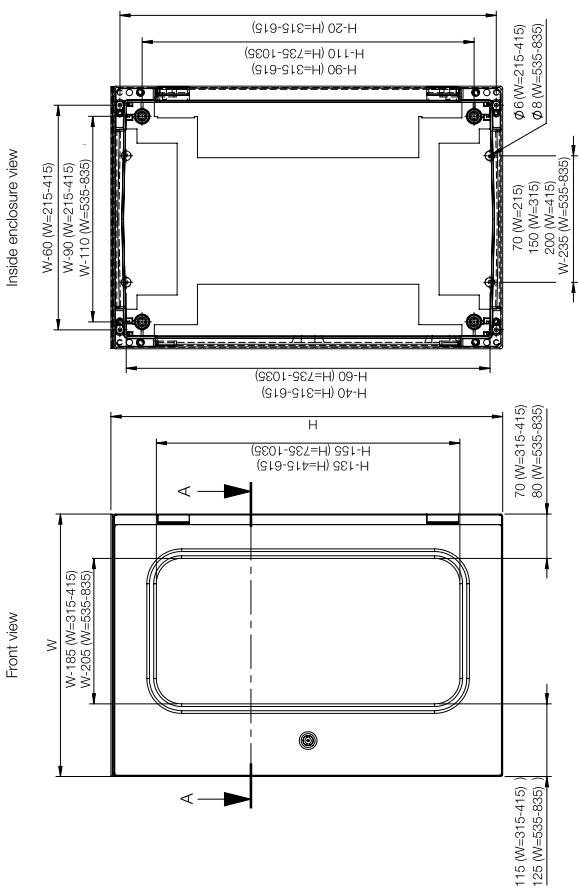
UCP320, UCP430 and UCP540 are delivered with the doors inside the packaging, unmounted.



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

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

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



Accessories selection matrix | UCP/UCPT

Enclosure	H	W	D	Mounting				Depth adjustment kit
				Steel mounting plate	Insulated mounting plate	Telequick mounting plate		
UCP320	315	215	170	UMP320	UMP320	UMPT320		UCD01
UCP430	415	315	170	UMP430	UMP430	UMPT430		UCD01
UCP540	515	415	230	UMP540	UMP540	UMPT540		UCD01
UCP640	615	415	230	UMP640	UMP640	UMPT640		UCD01
UCP750	735	535	270	UMP750	UMP750	UMPT750		UCD01
UCP860	835	635	300	UMP860	UMP860	UMPT860		UCD01
UCP1080	1035	835	300	UMP1080	UMP1080	UMPT1080		UCD01
UCPT430	415	315	170	UMP430	UMP430	UMPT430		UCD01
UCPT540	515	415	230	UMP540	UMP540	UMPT540		UCD01
UCPT640	615	415	230	UMP640	UMP640	UMPT640		UCD01
UCPT750	735	535	270	UMP750	UMP750	UMPT750		UCD01
UCPT860	835	635	300	UMP860	UMP860	UMPT860		UCD01
UCPT1080	1035	835	300	UMP1080	UMP1080	UMPT1080		UCD01



Enclosure	H	W	D	Fixing				Ventilation
				Stainless steel brackets	Polyamide brackets	Pole fixation	Air ventilation grids	
UCP320	315	215	170	UWMB11	UWMB12	EPD300	UPV001	
UCP430	415	315	170	UWMB11	UWMB12	EPD300	UPV001	
UCP540	515	415	230	UWMB11	UWMB12	EPD400	UPV001	
UCP640	615	415	230	UWMB11	UWMB12	EPD400	UPV001	
UCP750	735	535	270	UWMB11	UWMB12	EPD500	UPV001	
UCP860	835	635	300	UWMB11	UWMB12	EPD600	UPV001	
UCP1080	1035	835	300	UWMB11	UWMB12	EPD800	UPV001	
UCPT430	415	315	170	UWMB11	UWMB12	EPD300	UPV001	
UCPT540	515	415	230	UWMB11	UWMB12	EPD400	UPV001	
UCPT640	615	415	230	UWMB11	UWMB12	EPD400	UPV001	
UCPT750	735	535	270	UWMB11	UWMB12	EPD500	UPV001	
UCPT860	835	635	300	UWMB11	UWMB12	EPD600	UPV001	
UCPT1080	1035	835	300	UWMB11	UWMB12	EPD800	UPV001	



Wall Mounted Enclosures Polyester Range Accessories

Steel mounting plate, UMPZ

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

For enclosure				Mounting plate dimensions			Item no.
H	W	h	w	H	h	w	
315	215	250	150	UMPZ320			UMPZ320
415	315	350	250	UMPZ430			UMPZ430
515	415	450	350	UMPZ540			UMPZ540
615	415	550	350	UMPZ640			UMPZ640
735	535	650	450	UMPZ750			UMPZ750
835	635	750	550	UMPZ860			UMPZ860
1035	835	950	750	UMPZ1080			UMPZ1080

Insulated mounting plate, UMPP-C

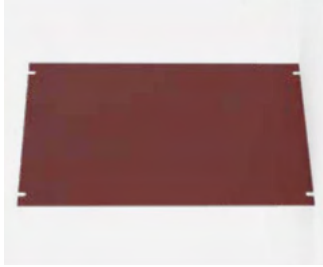
Description: Insulated mounting plate for UCP/UCPT enclosures.
Material: Hard paper 5 mm.
Pack quantity: 1 piece.

For enclosure				Mounting plate dimensions			Item no.
H	W	h	w	H	h	w	
315	215	250	150	UMPP320			UMPP320
415	315	350	250	UMPP430			UMPP430
515	415	450	350	UMPP540			UMPP540
615	415	550	350	UMPP640			UMPP640
735	535	650	450	UMPP750			UMPP750
835	635	750	550	UMPP860			UMPP860
1035	835	950	750	UMPP1080			UMPP1080

Telequick mounting plate, UMPT

Description: Telequick mounting plate for UCP/UCPT enclosures.
Material: 1.5 mm perforated steel.
Pack quantity: 1 piece.

For enclosure				Mounting plate dimensions			Item no.
H	W	h	w	H	h	w	
315	215	250	150	UMPT320			UMPT320
415	315	350	250	UMPT430			UMPT430
515	415	450	350	UMPT540			UMPT540
615	415	550	350	UMPT640			UMPT640
735	535	650	450	UMPT750			UMPT750
835	635	750	550	UMPT860			UMPT860
1035	835	950	750	UMPT1080			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 UFCP750 and above. Reversible mounting position, to increase the distance between UFCP and enclosure door by 30 mm. The mounting frame with DIN rails UMF-xxx 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
315	215	125	12	2
415	315	150	24	2
515	415	150	54	3
615	415	150	54	3
735	535	150	88	4
835	635	150	96	4
1035	835	150	180	5
				Item no.
				UFCP3201
				UFCP4301
				UFCP5401
				UFCP6401
				UFCP7501
				UFCP8601
				UFCP1081

Frame for individual cover plates, UFCP-I

Description:

Frame to be covered with individual cover plates UFCP. For enclosures 600 and 800 mm wide it has 2 columns. Distance between UFCP and enclosure door: 39 mm; 49 mm for UFCP750 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		H	W	Cover plate dimension		Item no.
		415 / 835	315 / 635	h	w	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		H	W	Cover plate dimension		N° of modules	Item no.
		415 / 835	315 / 635	h	w	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

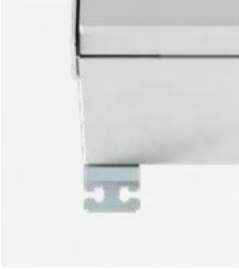
Description:		Plain front cover plate to protect the equipment mounted in the enclosure. Distance between UFCP and enclosure door: 39 mm, 49 mm for UCP750 and above. Reversible mounting position, to increase the distance between UFCP and enclosure door by 30 mm. The cover plate can be hinged using the 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)		UDP	Item no.
UCP			
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

02

Wall Mounted Enclosures

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).



Dimensional drawing | UDP/UDPT

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

Plain single door

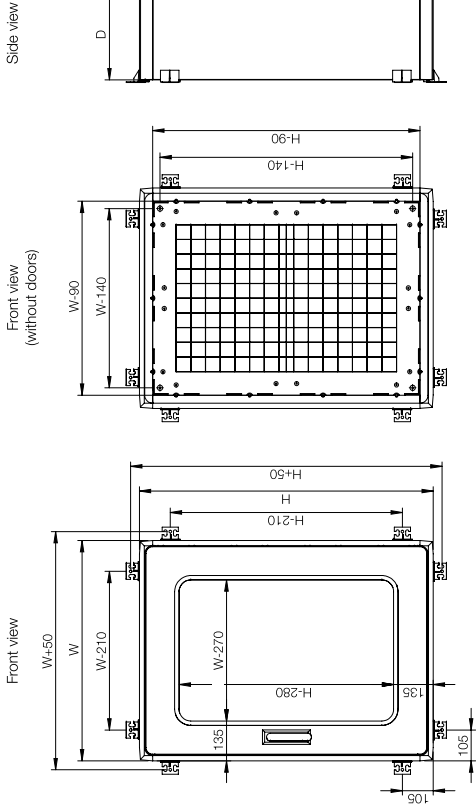
Enclosure dimensions				Item no.
H	W	D	N° of doors	
500	500	320	1	UDP5050
500	750	320	1	UDP5075
750	500	320	1	UDP7550
750	750	320	1	UDP7575
750	1000	320	1	UDP75100
1000	500	320	1	UDP10050
1000	750	320	1	UDP10075
1000	1000	320	1	UDP100100
1250	750	320	1	UDP12575

Plain double door

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

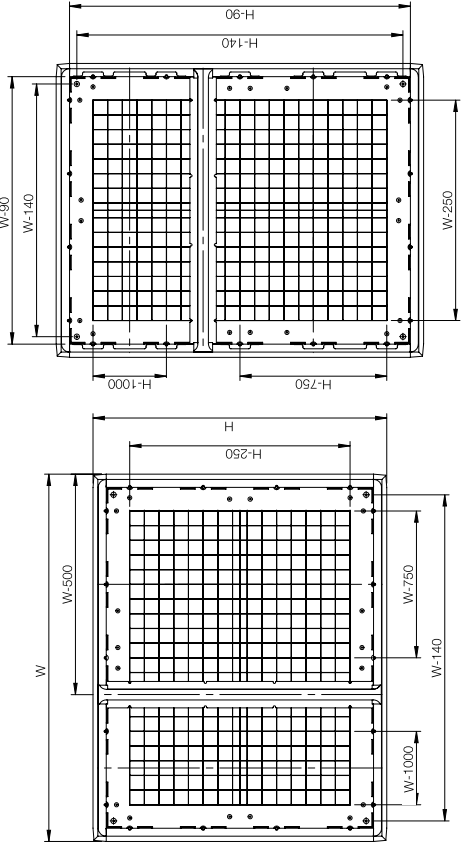
Transparent door

Enclosure dimensions				Item no.
H	W	D	N° of doors	
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 W=1250
(without doors)

Front view H=1250
(without doors)



Accessories selection matrix | UDP/UDPT

Enclosure	Mounting			Doors			Protection	Ventilation	Baying
	H	W	D	Steel mounting plate	Insulated mounting plate	Mounting profiles			
UDP5050	500	500	320	UMF25050	UMPF5050	UMF500			
UDP5075	500	750	320	UMF25075	UMPF5075	UMF500			
UDP7550	750	500	320	UMF25075	UMPF5075	UMF750			
UDP7575	750	750	320	UMF27575	UMPF7575	UMF750			
UDP75100	750	1000	320	UMF275100	UMPF75100	UMF750			
UDP10050	1000	500	320	UMF2100500	UMPF10050	UMF1000			
UDP10075	1000	750	320	UMF275100	UMPF75100	UMF1000			
UDP100100	1000	1000	320	UMF2100100	UMPF100100	UMF1000			
UDP12575	1250	750	320	UMF275125	UMPF75125	UMF1250			
UDP75125	750	500 + 750	320	UMF275125	UMPF75125	UMF750			
UDP100102	1000	500 + 500	320	UMF2100100	UMPF100100	UMF1000			
UDP100125	1000	500 + 750	320	UMF2100125	UMPF100125	UMF1000			
UDP125100	500 + 750	1000	320	UMF2100125	UMPF100125	UMF1250			
UDP125102	500 + 750	1000	320	UMF2100125	UMPF100125	UMF1250			
UDP75050	500	500	320	UMF25050	UMPF5050	UMF500			
UDP15075	500	750	320	UMF25075	UMPF5075	UMF500			
UDP75500	750	500	320	UMF25075	UMPF5075	UMF750			
UDP77575	750	750	320	UMF27575	UMPF7575	UMF750			
UDPT10050	1000	500	320	UMF2100500	UMPF10050	UMF1000			
UDPT10075	1000	750	320	UMF275100	UMPF75100	UMF1000			
UDPT12575	1250	750	320	UMF275125	UMPF75125	UMF1250			

Enclosure	Fitting			Fitting			Plinth
	H	W	D	Pole fixation	Adaptor frame for DIN-base	DIN-base	
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
UDP75050	500	500	320	EPF0400/EPF0600	-	-	UPP5032
UDP77550	750	500	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			
UDP5050	500	500	320	URH5032	UAV01	UDE5050
UDP5075	500	750	320	URH7532	UAV01	UDE5075
UDP7550	750	500	320	URH5032	UAV01	UDE7550
UDP7575	750	750	320	URH7532	UAV01	UDE7575
UDP75100	750	1000	320	URH10032	UAV01	UDE75100
UDP10050	1000	500	320	URH5032	UAV01	UDE10050
UDP10075	1000	750	320	URH7532	UAV01	UDE10075
UDP100100	1000	1000	320	URH10032	UAV01	UDE100100
UDP12575	1250	750	320	URH7532	UAV01	UDE12575
UDP75125	750	500 + 750	320	URH12532	UAV01	UDE75125
UDP100102	1000	500 + 500	320	URH10032	UAV01	UDE100100
UDP100125	1000	500 + 750	320	URH12532	UAV01	UDE100125
UDP125100	500 + 750	1000	320	URH10032	UAV01	UDE125100
UDP125102	500 + 750	1000	320	URH10032	UAV01	UDE125100
UDP75050	500	500	320	URH5032	UAV01	UDE5050
UDP15075	500	750	320	URH5032	UAV01	UDE5075
UDP75500	750	500	320	URH5032	UAV01	UDE7550
UDP77575	750	750	320	URH7532	UAV01	UDE7575
UDPT10050	1000	500	320	URH5032	UAV01	UDE10050
UDPT10075	1000	750	320	URH7532	UAV01	UDE10075
UDPT12575	1250	750	320	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		Item no.
H or W	W or H	h or w	h or w	w or h	
500	500	390	390	390	UMPZ5050
500	750	640	640	390	UMPZ5075
750	750	640	640	640	UMPZ7575
750	1000	890	890	640	UMPZ75100
750	1250	1140	1140	640	UMPZ75125
1000	500	390	390	890	UMPZ100500
1000	1000	890	890	890	UMPZ100100
1000	1250	1140	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		Item no.
H or W	W or H	h or w	h or w	w or h	
500	500	390	390	390	UMPP5050
500	750	640	640	390	UMPP5075
750	750	640	640	640	UMPP7575
750	1000	890	890	640	UMPP75100
750	1250	1140	1140	640	UMPP75125
1000	500	390	390	890	UMPP10050
1000	1000	890	890	890	UMPP100100
1000	1250	1140	1140	890	UMPP100125



Depth adjustment kit, UPD

Description: To provide depth adjustment for the mounting plate and other accessories in steps of 12.5 mm.

Material: Galvanized steel

Delivery: 4 brackets, four depth profiles and mounting accessories.

Item no.
UPD01



Wall Mounted Enclosures

Polyester Range

Accessories

Adjustable vertical mounting profiles, UMF-A

Description: Vertical C-profiles fully adjustable in depth.
Delivery: 4 supporting brackets, 4 depth profiles, 2 vertical C-profiles and mounting accessories.

For enclosure		
H	Length of profile	Item no.
500	468	UMF500
750	718	UMF750
1000	968	UMF1000
1250	1218	UMF1250

Wall mounting brackets for enclosures with rain hood, UWB

Description: Wall mounting brackets for UDP enclosures with rainhood. Can be mounted in horizontal position only. Easy mounting without screws, even with the enclosure finished and closed.
Material: Stainless steel AISI 304.
Delivery: 4 brackets and four plastic clips.

Item no.
UWB02

Enclosure pole fixation, EPF-M

Description: Accessory to fix enclosures onto poles. Maximum load of 900N.
Material: Galvanized steel.
Minimum pole diameter: 80 mm.
Maximum pole diameter: 250 mm.
Pack quantity: 2 profiles, 2 circular mounting strips for pole attachment and mounting accessories.

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



Plinth / Floor mounting frame, UPP

Description: Enclosure and plinth are anchored together on the floor. Fixing points for anchoring are marked on the inside bottom panel.
Material: Glass fibre reinforced polyester.
Finish: RAL 7035.
Delivery: Plinth, metal braces M12, U-profiles, counter-profiles and mounting accessories.

For enclosure		
W	D	Plinth h
500	320	65
750	320	65
1000	320	65
1250	320	65



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 8mm	LSSU524
Triangle 7 mm	LSSU526
Triangle 8 mm	LSSU527
Double-bit 3 mm	LSSU528
Double-bit 5 mm	LSSU529
Daimler Benz	LSSU530

Other key numbers available on request.

Door stop / Panel stop, UDS

Description: To secure the door/panel in an open position. Mounted directly to the door and body. Machining is not required.	
Material: Steel.	
Delivery: 1 piece with mounting accessories.	
Description	Item no.
Left turning	UDS01
Right turning	UDS02

Valid for enclosures starting with 750 mm width.

Combining kit, UCK

Description: Kit to allow vertical and/or lateral combinations. Machining is required. UCK maintains the enclosures IP rating.				
Delivery: Neoprene gasket, combining bolts, protection profiles and mounting accessories.				
For enclosure			Opening	
H or W	D	h or w	d	Item no.
500	320	330	200	UCK500
750	320	580	200	UCK750
1000	320	830	200	UCK1000
1250	320	1080	200	UCK1250

Corner profile, UCP

Description: Fills the corner between two coupled enclosures. Length: 308 mm.	
Finish: RAL 7035.	
Delivery: 1 piece.	
Item no.	
UCP01	



Wall Mounted Enclosures
Polyester Range
Accessories

Depth extension kit, UDE

Description: Increases the standard depth (320 mm) of the enclosure up to 640 mm. When this accessory is used the rain hood cannot be used. UDE maintains the enclosures IP rating.

Finish: RAL 7035.

Delivery: 2 side panels, one top and one bottom panel, two open back panels and mounting accessories.

For enclosure			
H	W		Item no.
500	500		UDE5050
500	750		UDE5075
750	500		UDE7550
750	750		UDE7575
750	1000		UDE75100
750	1250		UDE75125
1000	500		UDE10050
1000	750		UDE10075
1250	750		UDE12575
1000	1000		UDE100100
1000	1250		UDE100125
1250	1000		UDE125100



Air vents, UAV

Description: Two air vents must be mounted per enclosure to ensure sufficient air circulation and prevent water condensation. Air vents are preferably mounted in the upper and lower part of the enclosure. Degree protection: IP 44.

Material: Polyamide.

Delivery: Set of 2 pieces with mounting accessories.

Item no.
UAV01



Rain hood, URH

Description: Extra protection for outdoor use. Ventilation holes can be drilled in the top of the enclosure. When mounted, the enclosure's degree of protection is IP 44.

Material: Glass fibre reinforced polyester.

Finish: RAL 7035.

Delivery: 1 piece with mounting accessories.

Mounting requirements: Rain hoods require special wall mounting brackets UWB02. Four fixing points for securing the rain hood are marked off in the top panel. The rain hood cannot be used when the enclosures are joined, some combinations are available on request. Machining is required.

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



Wall Mounted Enclosures

Hygienic Design Range | Stainless Steel

Single door | HDW

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



02

Wall Mounted Enclosures

Material:

Body: 1.5 mm. Door: 2 mm. AISI 304L, pre-grained stainless steel. Mounting plate: 2 mm galvanized steel.

Body:

Monoblock body, folded and seam welded. The top of the body is equipped with a sloping roof at an angle of 30 degrees towards the front, ending with a 30 mm overhang to avoid any draining liquids from dripping onto the gasket and the door.

Door:

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

Internal hinge:

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

Gasket:

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

Lock:

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

Mounting plate:

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

Cable access:

No gland openings as standard to avoid hygiene risks.

Protection:

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

Finish:

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

Delivery:

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

Additional information:

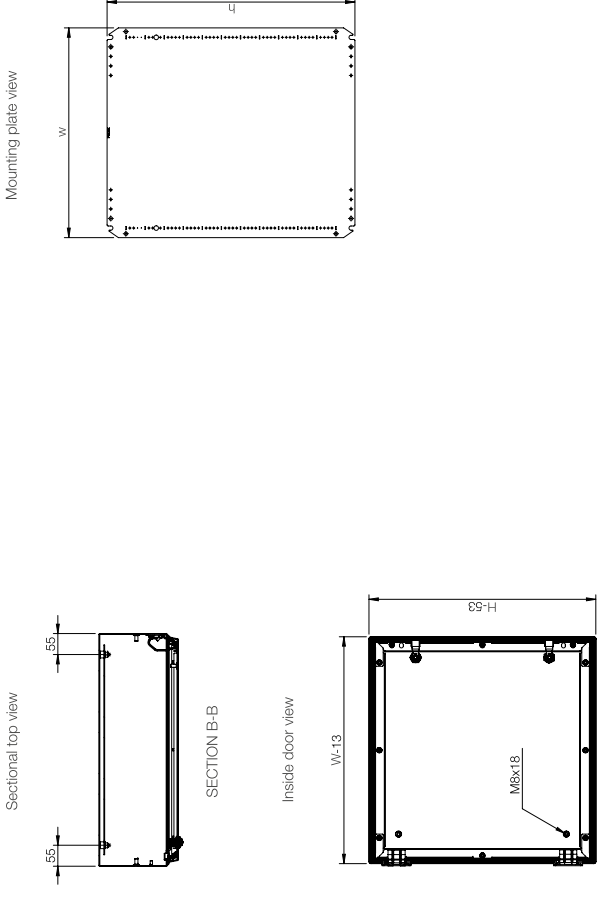
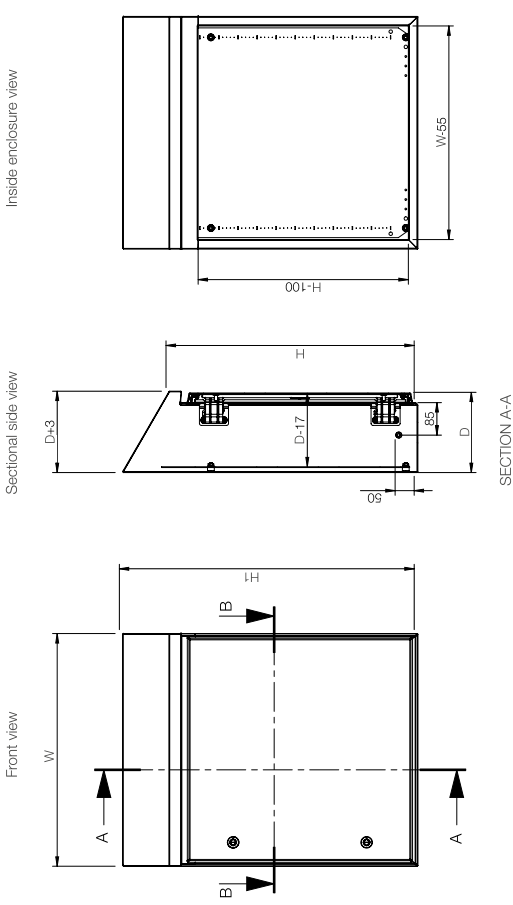
For accessories on the outside of the enclosure please see our HD accessories section.



Dimensional drawing | HDW

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

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



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



Wall mounting brackets HD, AWH

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, LFH

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, HDS

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, cCCSAus, CCC.	
Pack quantity: 1 piece with mounting instructions.	
Additional information: Minimum enclosure depth 210 mm.	
Item no.	
HDSW01	



Cable glands HD, CGH

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

02

Wall Mounted Enclosures



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 x 2 mm depressions, to allow air circulation around the rear part of the enclosure.

Door:

Surface mounted with 130° opening. Concealed removable hinges with captive pin. Hinges are mounted for right hand opening only. From size MASE0505021R5 and above there are two removable mounting profiles on the door. Sealing is ensured by a conductive EMC gasket.

Lock:

Chrome plated double-bit lock, with 3 mm insert and 90° movement. 1000 mm high enclosures and above have espagnolette three point locking system.

Mounting plate:

The mounting plate is marked vertically at 10 mm intervals, for easy horizontal positioning of equipment. On the top and bottom are holes to facilitate cable fixing. Fixed 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.



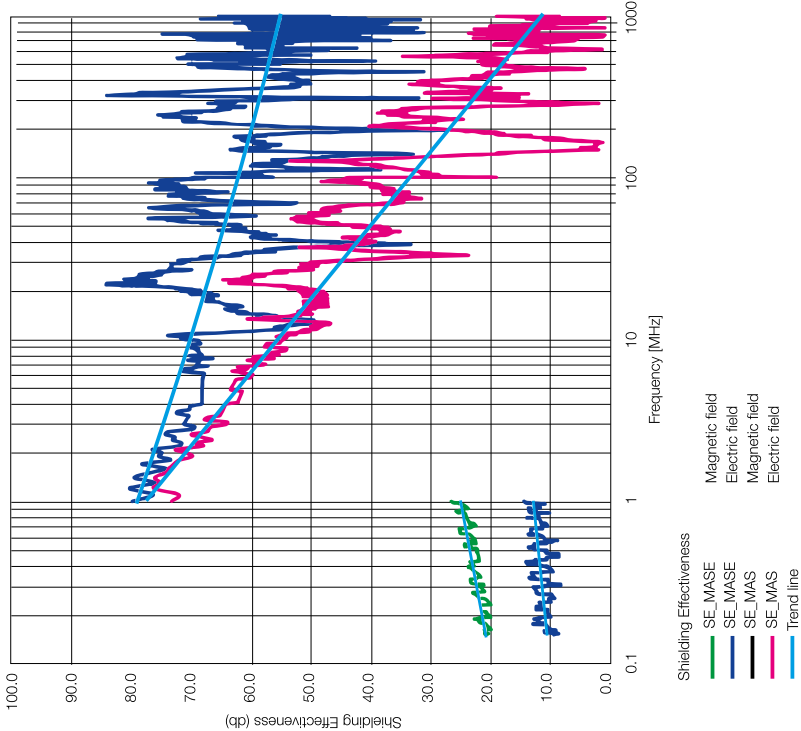
Dimensional table | MASE

IP 54 | TYPE 12 | IK 10

Enclosure dimensions			Mounting plate dimensions			Usable depth		Item no.
H	W	D	h	w	d	N° of locks		
400	400	210	370	350	192	1	MASE0404021RS	
400	600	210	370	550	192	1	MASE0406021RS	
600	600	210	570	550	192	2	MASE0606021RS	
1000	800	300	970	750	282	1*	MASE1008030RS	

All the MAS standard sizes are available as an EMC version on request. MASE: From 200/200/135 mm to 1200/800/400 mm. e.g. MASE0606021RS, EMC single door enclosure 600 x 600 x 210 mm. For more details please see MAS table.

Dimensional drawing | MASE



Wall Mounted Enclosures
EMC Range
Accessories

EMC Filter fans, EFE

Description: EMC capable filter fan. Special EMC screen in combination with stainless steel contact strips guarantee good contact with enclosure surface. Cutting edge surface of the enclosure needs to be blank for contact. Long service life.

Approvals: CE, GOST, UR, cUL.

Material: Plastic, UL 94-V0. EMC screen: stainless steel, contact strips.

Pack quantity: 1 fan with filter.

Unimpeded airflow (m³/h)	EFE-EFAE Air flow (m³/h)	Filter mat efficiency (EN779)	Filtration efficiency (%)	Service life L10 (40°C)(h)	Bearing type	Item no.
61/70	44/52	G4	>90	37 500	Sleeve	EFE200RS
110/125	82/93	G4	>90	37 500	Sleeve	EFE220RS
156/171	116/127	G4	>90	40 000	Ball	EFE250RS
256/292	231/265	G4	>90	40 000	Ball	EFE300RS
480/480	370/370	G3	80-90	40 000	Ball	EFE500RS
640/653	445/445	G3	80-90	40 000	Ball	EFE600RS
845/875	560/625	G3	80-90	40 000	Ball	EFE700RS

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	EFE200RS
40	54	178 x 178	1.05	Terminal strip	0.12/0.18	19/18	6	EFE220RS
40	54	224 x 224	1.45	Spring type	0.12/0.10	18/17	6	EFE250RS
42	54	224 x 224	1.90	Spring type	0.32/0.26	45/39	6	EFE300RS
54	54	292 x 292	3.85	Spring type	0.35/0.45	80/100	6	EFE500RS
63	54	292 x 292	4.05	Spring type	0.53/0.72	120/160	6	EFE600RS
66	54	292 x 292	4.50	Spring type	0.62/0.86	140/197	6	EFE700RS

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	EFAE200RS
G4	>90	178 x 178	34	EFAE220RS
G4	>90	224 x 224	38	EFAE250-300RS
G3	>90	292 x 292	39	EFAE500-700RS

IP 55 models on request.



Wall Mounted Enclosures
Hazardous Locations Range
Accessories



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. Flat gasketed.

Door: Continuous seal polyurethane gasket, operating range -40 to +70 °C. Door opening 210°. Door is easily removed by pulling clip-style hinge pins. M6 inner grounding stud. Optional silicone gasket with operating range -55 to +180 °C.

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 IECEx
Ex tb IIC Db IP 66 IECEx
EN60079-0:2009 IEC
EN60079-7:2007 IEC
EN61241-0:2006 IEC
EN61241-1:2004 IEC

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	EXE30301SS61E
300	300	210	236.5	133.5	255	255	EXE303021SS61E
400	300	150	236.5	73.5	355	255	EXE40301SS61E
400	300	210	236.5	133.5	355	255	EXE403021SS61E
400	400	150	336.5	73.5	355	355	EXE40401SS61E
400	400	210	336.5	133.5	355	355	EXE404021SS61E
500	400	150	336.5	73.5	455	355	EXE50401SS61E
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	EXE7575030SS61E
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



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 IECEx
Ex tb IIC Db IP 66 IECEx
UL 508A Component Recognized Type 4, 4X, 12, 3R, File No. E6 1997

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	EXWK93SS6
241	343	36	178	279	211	392	EXWK711SS6
394	267	36	330	203	373	246	EXWK1388S6
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 1224 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 222 No. 137, 213, 250 Standards
Conforms to UL 844 & 1998 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	Amperage	Lumens	Item no.
344	0.3	24	0.33	558	LEDHL24V12
636	0.6	24	0.66	1116	LEDHL24V24
916	0.9	24	0.99	1674	LEDHL24V36
1220	1.2	24	1.32	2256	LEDHL24V48
88	1	12/24	0.66/0.35	459	LEDHL24VCAN



Wall Mounted Enclosures

Hazardous Locations Range

Accessories

Hazardous location door switch, LEDHLSW

Description:	Door switch to activate any electrical device (lighting, signalling, alarms, etc.) designed for wall mounted enclosures in hazardous locations. The included 5 ft connect cable allows ease of wiring to the enclosure back panel. Machining is required.
Switch capacity:	30 VDC / 5 A.
Operating temperature:	-40 (-40) to 90°C (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 °C (185 °F).
Protection:	IP 66 Maintain enclosure Type 4, 4X rating when properly installed.
Approvals:	Certified for Zone 1 or 2 areas ATEX: Sira 13ATEX3354U Ex e IIC Gb Ex tb IIIC Db IP 66 IECEX IECEX SIR 13.0138U Ex e IIC Gb Ex tb IIIC Db IP 66 cCSAus Certified Class 1 Zone 1, Ex e II, IP 66, Type 4X

Pack quantity: 1 piece.		
H	Thread	Item no.
25	M20	EXEBDM20SS6
33	M25	EXEBDM25SS6



Hazardous location breather drains

Ex d, EXDBD

Description:	Combination of drainage and breathing elements especially for use in potentially explosive atmosphere. Type of protection: Flameproof (Ex d). Thread length: 16 mm. To be installed in a threaded hole. Position at the lowest point of an enclosure to ensure optimal draining of any moisture.
Material:	Type 316 stainless steel with silicone O-ring
Operating temperature:	-30 (-22) to 150 °C (302 °F).
Protection:	IP 66 Maintain enclosure Type 4, 4X rating when properly installed.
Approvals:	Certified for Zone 1 or 2 areas ATEX IECEX; IECEX ITS 13.0049X Ex d IIC Gb ITS13ATEX17900X 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 IECEX Sira 14ATEX3233U 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	EXAS172SS6
M50	EXAS150SS6
M63	EXAS200SS6
M75	EXAS250SS6



Wall Mounted Enclosures

Hazardous Locations Range

Accessories

Hazardous location small-volume purging/pressurization system, HLA1



Description: Small-volume type Y or Z purging/pressurization system are enclosure pressurization or purging systems that operate on a supply of compressed instrument air or inert gas. It regulates and monitors pressure within sealed (protected) enclosures to prevent combustible dust accumulations, 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: Aluminum with enamel finish. Polycarbonate regulator handle. Fastener hardware available in aluminum 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 apply, 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 496-1 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	A3003YZ-VM
140	273	140	4.54	2.55	A3003YZ-HM

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 1 Group, ABC, D/Zone 1, Groups IIB and H2 to Division 2/Zone 2, Type Z system, UL and FM Certified, Class I, Division 2 Group, ABC, D/Zone 2, Groups IIB and H2 to Non-Hazardous. ATEX-certified: I13 (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 F3 or less. Larger enclosures can use continuous flow models, but will require longer purging times.

Operating temperature:

-20 (-4) to 55 °C (131 °F).

Approvals:

Type X Ex [px] IECEx SIR 0019X [Gb, Db]; Europe, ATEX Category 2 GD; Cert no Sira 14ATEX 1045X; USA/Canada NFPA496 C1 Div 1 Groups A, B, C, D; UL E466718; Type Y Ex [py] IECEx SIR 0019X [Gb, Db]; Europe, ATEX Category 2 GD; Cert no Sira 14ATEX 1045X; North America C1 Div 1 Groups A, B, C, D; For protecting C1 Div 2 equipment; UL E466718; Type Z Ex [pz] IECEx SIR 0019X [Gb, Db]; Europe, ATEX Category 3 GD; Cert no Sira 14ATEX 1045X; North America C1 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	PGFF1YZ
Exterior Mount	Y and Z	PCFB1YZ
Exterior Mount	X (120 VAC)	PLCS1X1
Exterior Mount	X (230 VAC)	PLCS1X2
-	-	PLCSKIT
-	-	PCFSKIT