

# Wall Mounted Enclosures

## Steel Range | Stainless Steel

### Single door | ASR

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

# 02

Wall Mounted Enclosures



2

**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 MMDFP.

**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.

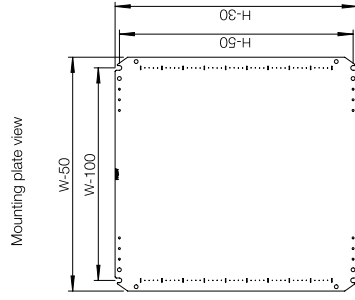
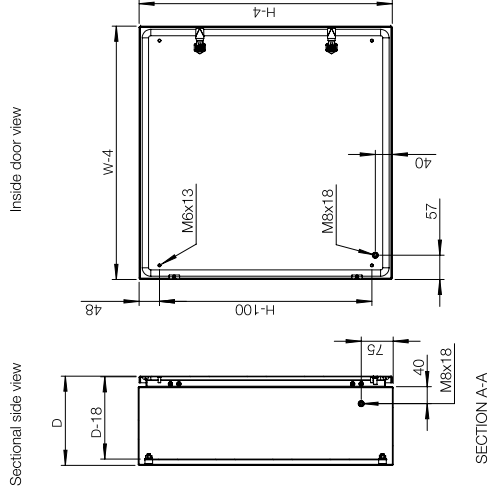


IP 66 | TYPE 4X, 12, 13 | IK 10

With mounting plate

Enclosure dimensions			Mounting plate dimensions				Usable depth		Item no.
H	W	D	h	w	d	N° of locks	Item no.		
180	240	150	150	190	132	1	ASR0182415		
180	240	150	150	190	132	1	ASR0182415-316		
240	240	150	210	190	132	1	ASR0242415		
240	240	150	210	190	132	1	ASR0242415-316		
240	360	150	210	310	132	1	ASR0243615		
240	360	150	210	310	132	1	ASR0243615-316		
300	200	150	270	150	132	1	ASR0302015		
300	200	150	270	150	132	1	ASR0302015-316		
360	240	150	330	190	132	1	ASR0362415		
360	240	150	330	190	132	1	ASR0362415-316		
400	300	150	370	250	132	1	ASR0403015		
400	300	150	370	250	132	1	ASR0403015-316		
400	300	210	370	250	192	1	ASR0403021		
400	300	210	370	250	192	1	ASR0403021-316		
400	400	210	370	350	192	1	ASR0404021		
400	400	210	370	350	192	1	ASR0404021-316		
400	600	210	370	550	192	1	ASR0406021		
400	600	210	370	550	192	1	ASR0406021-316		
500	400	210	470	350	192	1	ASR0504021		
500	400	210	470	350	192	1	ASR0504021-316		
500	500	210	470	450	192	1	ASR0505021		
500	500	210	470	450	192	1	ASR0505021-316		
600	400	210	570	350	192	2	ASR0604021		
600	400	210	570	350	192	2	ASR0604021-316		
600	600	210	570	550	192	2	ASR0606021		
600	600	210	570	550	192	2	ASR0606021-316		
600	600	300	570	550	282	2	ASR0606030		
600	600	300	570	550	282	2	ASR0606030-316		
600	800	300	570	750	282	2	ASR0608030		
600	800	300	570	750	282	2	ASR0608030-316		
800	600	210	770	550	192	2	ASR0806021		
800	600	210	770	550	192	2	ASR0806021-316		
800	600	300	770	550	282	2	ASR0806030		
800	600	300	770	550	282	2	ASR0806030-316		
800	800	300	770	750	282	2	ASR0808030		
800	800	300	770	750	282	2	ASR0808030-316		
1000	800	300	970	750	282	1*	ASR1008030		
1000	800	300	970	750	282	1*	ASR1008030-316		
1200	800	300	1170	750	282	1*	ASR1208030		
1200	800	300	1170	750	282	1*	ASR1208030-316		
1200	800	400	1170	750	382	1*	ASR1208040		
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	Mounting			Modular System					
	H	W	D	Steel mounting plate	Insulated mounting plate	Telesquid mounting plate	Depth adjustment kit	Depth interior profile	Modular chassis
ASR0182415	180	240	150	-	-	-	-	-	-
ASR0182415-316	180	240	150	-	-	-	-	-	-
ASR0202415	240	240	150	-	-	-	-	-	-
ASR0202415-316	240	240	150	-	-	-	-	-	-
ASR0202415-316	240	360	150	-	-	-	-	-	-
ASR0243615-316	240	360	150	-	-	-	-	-	-
ASR0302015	300	200	150	-	-	-	-	-	-
ASR0302015-316	300	200	150	-	-	-	-	-	-
ASR0362415	360	240	150	-	-	-	-	-	-
ASR0362415-316	360	240	150	-	-	-	-	-	-
ASR0403015	400	300	150	AMP04030	AM04030	AMT04030	-	-	AC04030RS
ASR0403015-316	400	300	150	AMP04030	AM04030	AMT04030	-	-	AC04030RS
ASR0403021	400	300	210	AMP04030	AM04030	AMT04030	AMG210	DP210	AC04030RS
ASR0403021-316	400	300	210	AMP04030	AM04030	AMT04030	AMG210	DP210	AC04030RS
ASR0404021	400	400	210	AMP04040	AM04040	AMT04040	AMG210	DP210	-
ASR0404021-316	400	400	210	AMP04040	AM04040	AMT04040	AMG210	DP210	-
ASR0406021	400	600	210	AMP04060	AM04060	AMT04060	AMG210	DP210	-
ASR0406021-316	400	600	210	AMP04060	AM04060	AMT04060	AMG210	DP210	-
ASR0504021	500	400	210	AMP05040	AM05040	AMT05040	AMG210	DP210	AC05040RS
ASR0504021-316	500	400	210	AMP05040	AM05040	AMT05040	AMG210	DP210	AC05040RS
ASR0505021	500	500	210	AMP05050	AM05050	AMT05050	AMG210	DP210	-
ASR0505021-316	500	500	210	AMP05050	AM05050	AMT05050	AMG210	DP210	-
ASR0604021	600	400	210	AMP06040	AM06040	AMT06040	AMG210	DP210	AC06040RS
ASR0604021-316	600	400	210	AMP06040	AM06040	AMT06040	AMG210	DP210	AC06040RS
ASR0606021	600	600	210	AMP06060	AM06060	AMT06060	AMG210	DP210	AC06060RS
ASR0606021-316	600	600	210	AMP06060	AM06060	AMT06060	AMG210	DP210	AC06060RS
ASR0606030	600	600	300	AMP06060	AM06060	AMT06060	AMG300	DP300	AC06060RS
ASR0606030-316	600	600	300	AMP06060	AM06060	AMT06060	AMG300	DP300	AC06060RS
ASR0608030	600	800	300	AMP06080	AM06080	AMT06080	AMG300	DP300	-
ASR0608030-316	600	800	300	AMP06080	AM06080	AMT06080	AMG300	DP300	-
ASR0806021	800	600	210	AMP08060	AM08060	AMT08060	AMG210	DP210	AC08060RS
ASR0806021-316	800	600	210	AMP08060	AM08060	AMT08060	AMG210	DP210	AC08060RS
ASR0806030	800	600	300	AMP08060	AM08060	AMT08060	AMG300	DP300	AC08060RS
ASR0806030-316	800	600	300	AMP08060	AM08060	AMT08060	AMG300	DP300	AC08060RS
ASR0808030	800	800	300	AMP08080	AM08080	AMT08080	AMG300	DP300	-
ASR0808030-316	800	800	300	AMP08080	AM08080	AMT08080	AMG300	DP300	-
ASR1008030	1000	800	300	AMP10080	AM10080	AMT10080	AMG300	DP300	AC10080RS
ASR1008030-316	1000	800	300	AMP10080	AM10080	AMT10080	AMG300	DP300	AC10080RS
ASR1208030	1200	800	300	AMP12080	AM12080	AMT12080	AMG300	DP300	-
ASR1208030-316	1200	800	300	AMP12080	AM12080	AMT12080	AMG300	DP300	-
ASR1208040	1200	800	400	AMP12080	AM12080	AMT12080	AMG400	DP400	-
ASR1208040-316	1200	800	400	AMP12080	AM12080	AMT12080	AMG400	DP400	-
ASR1408040	1400	800	400	-	-	-	AMG400	DP400	-
ASR1408040-316	1400	800	400	-	-	-	AMG400	DP400	-

Enclosure	Filing			Protection			
	H	W	D	Wall mounting brackets	Pole fixation	Plinth	Rainhood
ASR0182415	180	240	150	AMS41-304	-	-	-
ASR0182415-316	180	240	150	AMS41-304	-	-	-
ASR0202415	240	240	150	AMS41-304	-	-	-
ASR0202415-316	240	240	150	AMS41-304	-	-	-
ASR0202415-316	240	360	150	AMS41-304	-	-	-
ASR0243615-316	240	360	150	AMS41-304	-	-	-
ASR0302015	300	200	150	AMS41-304	-	-	-
ASR0302015-316	300	200	150	AMS41-304	-	-	-
ASR0362415	360	240	150	AMS41-304	-	-	-
ASR0362415-316	360	240	150	AMS41-304	-	-	-
ASR0403015	400	300	150	EPF0300	-	-	-
ASR0403015-316	400	300	150	EPF0300	-	-	-
ASR0403021	400	300	210	EPF0300	-	-	-
ASR0403021-316	400	300	210	EPF0300	-	-	-
ASR0404021	400	400	210	EPF0400	-	-	ASST042
ASR0404021-316	400	400	210	EPF0400	-	-	ASST042-316
ASR0406021	400	600	210	EPF0600	-	-	ASST062
ASR0406021-316	400	600	210	EPF0600	-	-	ASST062-316
ASR0504021	500	400	210	EPF0400	-	-	ASST042
ASR0504021-316	500	400	210	EPF0400	-	-	ASST042-316
ASR0505021	500	500	210	EPF0500	-	-	-
ASR0505021-316	500	500	210	EPF0500	-	-	-
ASR0604021	600	400	210	EPF0400	-	-	ASST042
ASR0604021-316	600	400	210	EPF0400	-	-	ASST042-316
ASR0606021	600	600	210	EPF0600	-	-	ASST062
ASR0606021-316	600	600	210	EPF0600	-	-	ASST062-316
ASR0606030	600	600	300	EPF0600	-	-	ASST063
ASR0606030-316	600	600	300	EPF0600	-	-	ASST063-316
ASR0608030	600	800	300	EPF0800	-	-	ASST083
ASR0608030-316	600	800	300	EPF0800	-	-	ASST083-316
ASR0806021	800	600	210	EPF0600	-	-	ASST062
ASR0806021-316	800	600	210	EPF0600	-	-	ASST062-316
ASR0806030	800	600	300	EPF0600	-	-	ASST063
ASR0806030-316	800	600	300	EPF0600	-	-	ASST063-316
ASR0808030	800	800	300	EPF0800	-	-	ASST083
ASR0808030-316	800	800	300	EPF0800	-	-	ASST083-316
ASR1008030	1000	800	300	EPF0800	-	-	ASST083
ASR1008030-316	1000	800	300	EPF0800	-	-	ASST083-316
ASR1208030	1200	800	300	EPF0800	-	-	ASST083
ASR1208030-316	1200	800	300	EPF0800	-	-	ASST083-316
ASR1208040	1200	800	400	EPF0800	-	-	ASST084
ASR1208040-316	1200	800	400	EPF0800	-	-	ASST084-316
ASR1408040	1400	800	400	EPF0800	-	-	ASST084
ASR1408040-316	1400	800	400	EPF0800	-	-	ASST084-316

## Accessories selection matrix | ASR

Enclosure	180° hinges			Doors			Door horizontal profiles
	H	W	D	Door stop	Door switch	Door mounting profiles	
ASR0182415	180	240	150		ADSW01		
ASR0182415-316	180	240	150		ADSW01		
ASR020242415	240	240	150		ADSW01		
ASR020242415-316	240	240	150		ADSW01		
ASR020236815	240	360	150	ADO202S	ADSW01		
ASR0243615-316	240	360	150	ADO202S	ADSW01		
ASR0302015	300	200	150		ADSW01		
ASR0302015-316	300	200	150		ADSW01		
ASR0362415	360	240	150		ADSW01		
ASR0362415-316	360	240	150		ADSW01		
ASR0403015	400	300	150	ADO202S	ADSW01	MMDP040	DHP030
ASR0403015-316	400	300	150	ADO202S	ADSW01	MMDP040	DHP030
ASR0403021	400	300	210	ADO202S	ADSW01	MMDP040	DHP030
ASR0403021-316	400	300	210	ADO202S	ADSW01	MMDP040	DHP030
ASR0404021	400	400	210	ADO202S	ADSW01	MMDP040	DHP040
ASR0404021-316	400	400	210	ADO202S	ADSW01	MMDP040	DHP040
ASR046021	400	600	210	ADO202S	ADSW01	MMDP040	DHP060
ASR046021-316	400	600	210	ADO202S	ADSW01	MMDP040	DHP060
ASR0504021	500	400	210	ADO202S	ADSW01	MMDP050	DHP040
ASR0504021-316	500	400	210	ADO202S	ADSW01	MMDP050	DHP040
ASR0505021	500	500	210	ADO202S	ADSW01	MMDP050	DHP050
ASR0505021-316	500	500	210	ADO202S	ADSW01	MMDP050	DHP050
ASR0604021	600	400	210	ADO202S	ADSW01	MMDP060	DHP040
ASR0604021-316	600	400	210	ADO202S	ADSW01	MMDP060	DHP040
ASR0606021	600	600	210	ADO202S	ADSW01	MMDP060	DHP060
ASR0606021-316	600	600	210	ADO202S	ADSW01	MMDP060	DHP060
ASR0606030	600	600	300	ADO202S	ADSW01	MMDP060	DHP060
ASR0606030-316	600	600	300	ADO202S	ADSW01	MMDP060	DHP060
ASR0608030	600	800	300	ADO202S	ADSW01	MMDP060	DHP080
ASR0608030-316	600	800	300	ADO202S	ADSW01	MMDP060	DHP080
ASR0806021	800	600	210	ADO202S	ADSW01	MMDP080	DHP060
ASR0806021-316	800	600	210	ADO202S	ADSW01	MMDP080	DHP060
ASR0806030	800	600	300	ADO202S	ADSW01	MMDP080	DHP080
ASR0806030-316	800	600	300	ADO202S	ADSW01	MMDP080	DHP080
ASR0808030	800	800	300	ADO202S	ADSW01	MMDP080	DHP080
ASR0808030-316	800	800	300	ADO202S	ADSW01	MMDP080	DHP080
ASR1008030	1000	800	300	ADO202S	ADSW01	MMDP100	DHP080
ASR1008030-316	1000	800	300	ADO202S	ADSW01	MMDP100	DHP080
ASR1208030	1200	800	300	ADO202S	ADSW01	MMDP120	DHP080
ASR1208030-316	1200	800	300	ADO202S	ADSW01	MMDP120	DHP080
ASR1208040	1200	800	400	ADO202S	ADSW01	MMDP120	DHP080
ASR1208040-316	1200	800	400	ADO202S	ADSW01	MMDP120	DHP080
ASR1408040	1400	800	400	ADO202S	ADSW01	MMDP140	DHP080
ASR1408040-316	1400	800	400	ADO202S	ADSW01	MMDP140	DHP080

Enclosure	Doors			Locks
	H	W	D	
ASR0182415	180	240	150	PILO1
ASR0182415-316	180	240	150	PILO1
ASR020242415	240	240	150	PILO1
ASR020242415-316	240	240	150	PILO1
ASR020236815	240	360	150	PILO1
ASR0243615-316	240	360	150	PILO1
ASR0302015	300	200	150	PILO1
ASR0302015-316	300	200	150	PILO1
ASR0362415	360	240	150	PILO1
ASR0362415-316	360	240	150	PILO1
ASR0403015	400	300	150	PILO1
ASR0403015-316	400	300	150	PILO1
ASR0403021	400	300	210	PILO1
ASR0403021-316	400	300	210	PILO1
ASR0404021	400	400	210	PILO1
ASR0404021-316	400	400	210	PILO1
ASR046021	400	600	210	PILO1
ASR046021-316	400	600	210	PILO1
ASR0504021	500	400	210	PILO1
ASR0504021-316	500	400	210	PILO1
ASR0505021	500	500	210	PILO1
ASR0505021-316	500	500	210	PILO1
ASR0604021	600	400	210	PILO1
ASR0604021-316	600	400	210	PILO1
ASR0606021	600	600	210	PILO1
ASR0606021-316	600	600	210	PILO1
ASR0606030	600	600	300	PILO1
ASR0606030-316	600	600	300	PILO1
ASR0608030	600	800	300	PILO1
ASR0608030-316	600	800	300	PILO1
ASR0806021	800	600	210	PILO1
ASR0806021-316	800	600	210	PILO1
ASR0806030	800	600	300	PILO1
ASR0806030-316	800	600	300	PILO1
ASR0808030	800	800	300	PILO1
ASR0808030-316	800	800	300	PILO1
ASR1008030	1000	800	300	PILO1
ASR1008030-316	1000	800	300	PILO1
ASR1208030	1200	800	300	PILO1
ASR1208030-316	1200	800	300	PILO1
ASR1208040	1200	800	400	PILO1
ASR1208040-316	1200	800	400	PILO1
ASR1408040	1400	800	400	PILO1
ASR1408040-316	1400	800	400	PILO1

# Wall Mounted Enclosures

## Steel Range | Stainless Steel

### Double door | ADR

IP 55 | TYPE 12, 13 | IK 10

# 02

Wall Mounted Enclosures

2

**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.



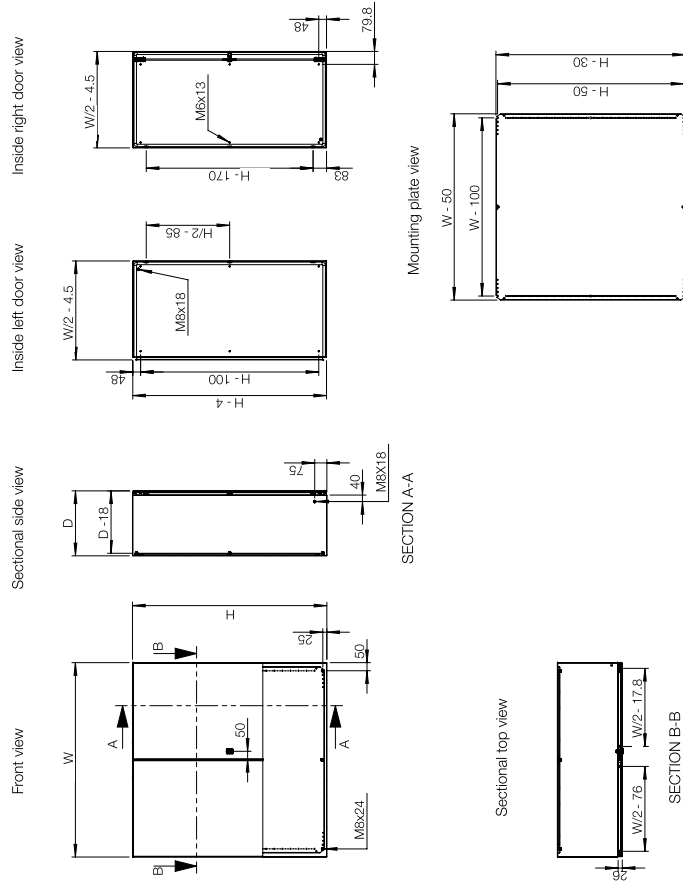
IP 55 | TYPE 12, 13 | IK 10

With mounting plate

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

\* 3 point espagnolette locking.

Dimensional drawing | ADR



Enclosure	Mounting			Fixing			Protection		
	H	W	D	Steel mounting plate	Depth adjustment kit	Depth interior profile		Wall mounting brackets	Pimth
ADR1001030	1000	1000	300	AMP10100	AMG300	DIP300	AWS41-304	MS/ST103	ASST103
ADR1001030-316	1000	1000	300	AMP10100	AMG300	DIP300	AWS/ST103-316	MS/ST103-316	ASST103-316
ADR1001230	1000	1200	300	AMP10120	AMG300	DIP300	AWS41-304	MS/ST123	ASST123
ADR1001230-316	1000	1200	300	AMP10120	AMG300	DIP300	AWS41-316	MS/ST123-316	ASST123-316
ADR1201240	1200	1200	400	AMP12120	AMG400	DIP400	AWS41-304	MS/ST124	ASST124
ADR1201240-316	1200	1200	400	AMP12120	AMG400	DIP400	AWS41-316	MS/ST124-316	ASST124-316

Enclosure	Enclosure			Pedlocking	180° hinges	Door stop	Door switch	Door mounting profiles	Door horizontal profiles
	H	W	D						
ADR1001030	1000	1000	300	PLC01	2x MMH-S03	AD0202S	ADSW01	MMDP100	DHP050
ADR1001030-316	1000	1000	300	PLC01	2x MMH-S03	AD0202S	ADSW01	MMDP100	DHP050
ADR1001230	1000	1200	300	PLC01	2x MMH-S03	AD0202S	ADSW01	MMDP100	DHP060
ADR1001230-316	1000	1200	300	PLC01	2x MMH-S03	AD0202S	ADSW01	MMDP100	DHP060
ADR1201240	1200	1200	400	PLC01	2x MMH-S03	AD0202S	ADSW01	MMDP120	DHP060
ADR1201240-316	1200	1200	400	PLC01	2x MMH-S03	AD0202S	ADSW01	MMDP120	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:

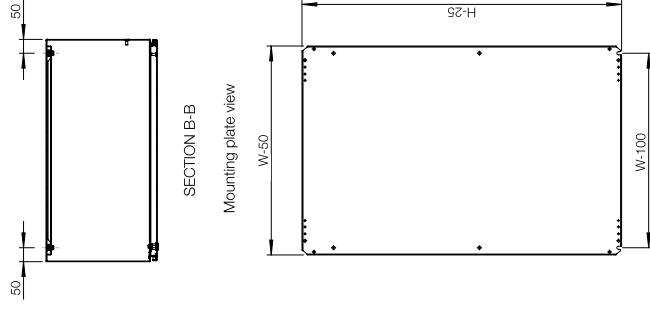
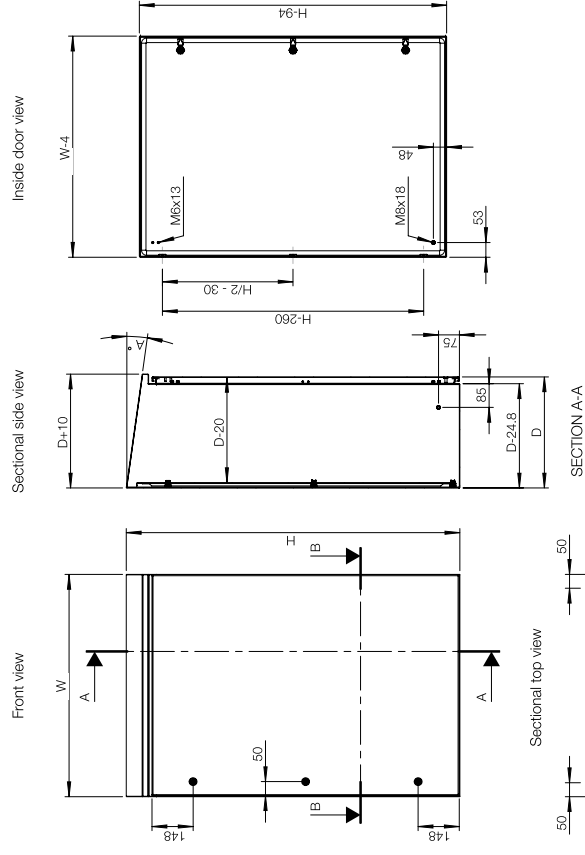
In environments known for quick temperature changes, consideration to condensation should be taken. Please see the thermal management section.



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

With mounting plate

H	Enclosure dimensions			Mounting plate dimensions			Usable depth		Degree of slope	N° of locks	Item no.
	W	D	H	w	h	d	d				
300	200	155	275	150	275	135	135	20°	1	AFS03021	
300	200	155	275	150	275	135	135	20°	1	AFS03021-316	
400	300	155	375	250	375	135	135	20°	1	AFS04031	
400	300	155	375	250	375	135	135	20°	1	AFS04031-316	
400	400	210	375	350	375	190	190	15°	1	AFS04042	
400	400	210	375	350	375	190	190	15°	1	AFS04042-316	
400	600	210	375	550	375	190	190	15°	1	AFS04062	
400	600	210	375	550	375	190	190	15°	1	AFS04062-316	
500	500	210	475	450	475	190	190	15°	1	AFS05052	
500	500	210	475	450	475	190	190	15°	1	AFS05052-316	
600	400	210	575	350	575	190	190	15°	2	AFS06042	
600	400	210	575	350	575	190	190	15°	2	AFS06042-316	
600	600	210	575	550	575	190	190	15°	2	AFS06062	
600	600	210	575	550	575	190	190	15°	2	AFS06062-316	
600	600	300	575	550	575	280	280	11°	2	AFS06063	
600	600	300	575	550	575	280	280	11°	2	AFS06063-316	
600	800	300	550	750	550	280	280	11°	2	AFS06083	
600	800	300	550	750	550	280	280	11°	2	AFS06083-316	
800	600	210	750	550	750	190	190	15°	2	AFS08062	
800	600	210	750	550	750	190	190	15°	2	AFS08062-316	
800	600	300	750	550	750	280	280	11°	2	AFS08063	
800	600	300	750	550	750	280	280	11°	2	AFS08063-316	
800	800	210	750	750	750	190	190	15°	2	AFS08082	
800	800	210	750	750	750	190	190	15°	2	AFS08082-316	
800	800	300	750	750	750	280	280	11°	2	AFS08083	
800	800	300	750	750	750	280	280	11°	2	AFS08083-316	
1000	800	300	950	750	950	280	280	15°	3	AFS10083	
1000	800	300	950	750	950	280	280	15°	3	AFS10083-316	
1200	600	300	1150	550	1150	280	280	11°	3	AFS12063	
1200	600	300	1150	550	1150	280	280	11°	3	AFS12063-316	
1200	800	300	1150	750	1150	280	280	11°	3	AFS12083	
1200	800	300	1150	750	1150	280	280	11°	3	AFS12083-316	
1200	800	400	1150	750	1150	380	380	8°	3	AFS12084	
1200	800	400	1150	750	1150	380	380	8°	3	AFS12084-316	
1400	800	400	1350	750	1350	380	380	8°	3	AFS14084	
1400	800	400	1350	750	1350	380	380	8°	3	AFS14084-316	





## Accessories selection matrix | AFS

Enclosure	Mounting			Fixing			Wall mounting brackets
	H	W	D	Depth interior profile	Pilinth	Pole fixation	
AFS03021	300	200	155	-	-	-	AWS41-304
AFS03021-316	300	200	155	-	-	-	AWS41-316
AFS04031	400	300	155	-	-	EPF0300	AWS41-304
AFS04031-316	400	300	155	-	-	EPF0300	AWS41-316
AFS04042	400	400	210	DIP210	-	EPF0400	AWS41-304
AFS04042-316	400	400	210	DIP210	-	EPF0400	AWS41-316
AFS04062	400	600	210	DIP210	-	EPF0600	AWS41-304
AFS04062-316	400	600	210	DIP210	-	EPF0600	AWS41-316
AFS05052	500	500	210	DIP210	-	EPF0500	AWS41-304
AFS05052-316	500	500	210	DIP210	-	EPF0500	AWS41-316
AFS06042	600	400	210	DIP210	-	EPF0400	AWS41-304
AFS06042-316	600	400	210	DIP210	-	EPF0400	AWS41-316
AFS06062	600	600	210	DIP210	-	EPF0600	AWS41-304
AFS06062-316	600	600	210	DIP210	-	EPF0600	AWS41-316
AFS06063	600	600	300	DIP300	MSYST063	EPF0600	AWS41-304
AFS06063-316	600	600	300	DIP300	MSYST063-316	EPF0600	AWS41-316
AFS06083	600	800	300	DIP300	MSYST083	EPF0800	AWS41-304
AFS06083-316	600	800	300	DIP300	MSYST083-316	EPF0800	AWS41-316
AFS08062	800	600	210	DIP210	-	EPF0600	AWS41-304
AFS08062-316	800	600	210	DIP210	-	EPF0600	AWS41-316
AFS08063	800	600	300	DIP300	MSYST063	EPF0600	AWS41-304
AFS08063-316	800	600	300	DIP300	MSYST063-316	EPF0600	AWS41-316
AFS08082	800	800	210	DIP210	-	EPF0800	AWS41-304
AFS08082-316	800	800	210	DIP210	-	EPF0800	AWS41-316
AFS08083	800	800	300	DIP300	MSYST083	EPF0800	AWS41-304
AFS08083-316	800	800	300	DIP300	MSYST083-316	EPF0800	AWS41-316
AFS10083	1000	800	300	DIP300	MSYST083	EPF0800	AWS41-304
AFS10083-316	1000	800	300	DIP300	MSYST083-316	EPF0800	AWS41-316
AFS12063	1200	600	300	DIP300	MSYST063	EPF0600	AWS41-304
AFS12063-316	1200	600	300	DIP300	MSYST063-316	EPF0600	AWS41-316
AFS12083	1200	800	300	DIP300	MSYST083	EPF0800	AWS41-304
AFS12083-316	1200	800	300	DIP300	MSYST083-316	EPF0800	AWS41-316
AFS12084	1200	800	400	DIP400	MSYST084	EPF0800	AWS41-304
AFS12084-316	1200	800	400	DIP400	MSYST084-316	EPF0800	AWS41-316
AFS14084	1400	800	400	DIP400	MSYST084	EPF0800	AWS41-304
AFS14084-316	1400	800	400	DIP400	MSYST084-316	EPF0800	AWS41-316

Enclosure	180° hinges			Doors			Door stop	Door switch	Padlocking
	H	W	D	180° hinges	Door stop	Door switch			
AFS03021	300	200	155	MMHS02	-	ADSW01	-	PL001	
AFS03021-316	300	200	155	MMHS02	-	ADSW01	-	PL001	
AFS04031	400	300	155	MMHS02	ADO020S	ADSW01	ADO020S	PL001	
AFS04031-316	400	300	155	MMHS02	ADO020S	ADSW01	ADO020S	PL001	
AFS04042	400	400	210	MMHS02	ADO020S	ADSW01	ADO020S	PL001	
AFS04042-316	400	400	210	MMHS02	ADO020S	ADSW01	ADO020S	PL001	
AFS04062	400	600	210	MMHS02	ADO020S	ADSW01	ADO020S	PL001	
AFS04062-316	400	600	210	MMHS02	ADO020S	ADSW01	ADO020S	PL001	
AFS05052	500	500	210	MMHS02	ADO020S	ADSW01	ADO020S	PL001	
AFS05052-316	500	500	210	MMHS02	ADO020S	ADSW01	ADO020S	PL001	
AFS06042	600	400	210	MMHS02	ADO020S	ADSW01	ADO020S	PL001	
AFS06042-316	600	400	210	MMHS02	ADO020S	ADSW01	ADO020S	PL001	
AFS06062	600	600	210	MMHS02	ADO020S	ADSW01	ADO020S	PL001	
AFS06062-316	600	600	210	MMHS02	ADO020S	ADSW01	ADO020S	PL001	
AFS06063	600	600	300	MMHS02	ADO020S	ADSW01	ADO020S	PL001	
AFS06063-316	600	600	300	MMHS02	ADO020S	ADSW01	ADO020S	PL001	
AFS06083	600	800	300	MMHS02	ADO020S	ADSW01	ADO020S	PL001	
AFS06083-316	600	800	300	MMHS02	ADO020S	ADSW01	ADO020S	PL001	
AFS08062	800	600	210	MMHS02	ADO020S	ADSW01	ADO020S	PL001	
AFS08062-316	800	600	210	MMHS02	ADO020S	ADSW01	ADO020S	PL001	
AFS08063	800	600	300	MMHS02	ADO020S	ADSW01	ADO020S	PL001	
AFS08063-316	800	600	300	MMHS02	ADO020S	ADSW01	ADO020S	PL001	
AFS08082	800	800	210	MMHS02	ADO020S	ADSW01	ADO020S	PL001	
AFS08082-316	800	800	210	MMHS02	ADO020S	ADSW01	ADO020S	PL001	
AFS08083	800	800	300	MMHS02	ADO020S	ADSW01	ADO020S	PL001	
AFS08083-316	800	800	300	MMHS02	ADO020S	ADSW01	ADO020S	PL001	
AFS10083	1000	800	300	MMHS03	ADO020S	ADSW01	ADO020S	PL001	
AFS10083-316	1000	800	300	MMHS03	ADO020S	ADSW01	ADO020S	PL001	
AFS12063	1200	600	300	MMHS03	ADO020S	ADSW01	ADO020S	PL001	
AFS12063-316	1200	600	300	MMHS03	ADO020S	ADSW01	ADO020S	PL001	
AFS12083	1200	800	300	MMHS03	ADO020S	ADSW01	ADO020S	PL001	
AFS12083-316	1200	800	300	MMHS03	ADO020S	ADSW01	ADO020S	PL001	
AFS12084	1200	800	400	MMHS03	ADO020S	ADSW01	ADO020S	PL001	
AFS12084-316	1200	800	400	MMHS03	ADO020S	ADSW01	ADO020S	PL001	
AFS14084	1400	800	400	MMHS03	ADO020S	ADSW01	ADO020S	PL001	
AFS14084-316	1400	800	400	MMHS03	ADO020S	ADSW01	ADO020S	PL001	



# 02

Wall Mounted Enclosures

## Steel dedicated accessories

Mounting plates.....	302
Modular system.....	308
Fixation.....	313
Doors.....	317
Locking.....	328
Baying & Lifting.....	331
Gland plates, Ventilation & Cabling.....	332
Earthing.....	338
Protection.....	340



# 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	170	150		AMP02020
250	250		220	220	150		AMP02520
250	250		220	220	200		AMP02525
300	300		270	270	200		AMP03025
300	300		270	270	250		AMP03030
300	300		270	270	550		AMP03060
300	300		270	270	750		AMP03080
300	300		270	270	950		AMP03100
300	1200		270	1150	1150		AMP03120
350	250		320	320	200		AMP03525
400	300		370	370	250		AMP04030
400	400		370	370	350		AMP04040
400	500		370	370	450		AMP04060
400	600		370	370	550		AMP04060
500	300		470	470	250		AMP05030
500	400		470	470	350		AMP05040
500	500		470	470	450		AMP05060
600	400		570	570	350		AMP06040
600	500		570	570	450		AMP06050
600	600		570	570	550		AMP06060
600	800		570	570	750		AMP06080
700	500		670	670	450		AMP07050
800	400		770	770	350		AMP08040
800	600		770	770	550		AMP08060
800	800		770	770	750		AMP08080
800	1200		770	1150	1150		AMP08120
1000	600		970	970	550		AMP10060
1000	800		970	970	750		AMP10080
1000	1000		970	970	950		AMP10100
1000	1200		970	1200	950		AMP10120
1200	600		1170	1170	550		AMP12060
1200	800		1170	1170	750		AMP12080
1200	1000		1170	1170	950		AMP12100
1200	1200		1170	1170	1150		AMP12120
1400	1000		1370	1370	950		AMP14100

Not suitable for AFS.

## Insulated mounting plates, AMI

**Description:**

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

**Material:**

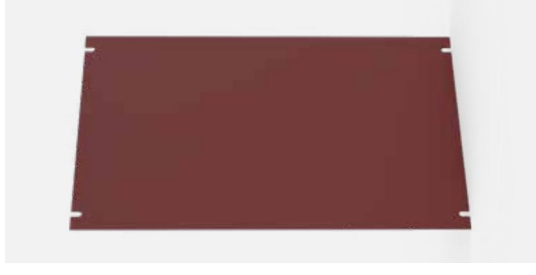
Bakelite.

**Pack quantity:**

1 piece.

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

Not suitable for AFS.



# Wall Mounted Enclosures Steel Range Accessories

## Telequick mounting plate, AMT

**Description:**

Steel mounting plate simplifies installation and equipment mounting. Rectangular holes 28 x 11 mm to obtain required fixing positions with snap nuts. The nuts can be moved around within the rectangular hole. By using the AMG accessory, the mounting plate position can be adjusted to any depth. This accessory is not suitable for the AFS range of enclosures, please refer to the replacement and spare parts catalogue.

**Material:** Galvanized steel

**Pack quantity:** 1 piece.

For enclosure			Mounting plate dimensions			Item no.
H	W	h	h	w		
400	300	370	370	250	350	AMT04030
400	400	370	370	350	450	AMT04040
400	500	370	370	450	550	AMT04050
400	600	370	370	550	650	AMT04060
500	300	470	470	250	350	AMT05030
500	400	470	470	350	450	AMT05040
500	500	470	470	450	550	AMT05050
600	400	570	570	350	450	AMT06040
600	500	570	570	450	550	AMT06050
600	600	570	570	550	650	AMT06060
600	800	570	570	750	850	AMT06080
700	500	670	670	450	550	AMT07050
800	400	770	770	350	450	AMT08040
800	600	770	770	550	650	AMT08060
800	800	770	770	750	850	AMT08080
1000	600	970	970	550	650	AMT10060
1000	800	970	970	750	850	AMT10080
1200	600	1170	1170	550	650	AMT12060
1200	800	1170	1170	750	850	AMT12080

Not suitable for AFS.

## Snap nuts for telequick plates, TN

**Description:**

Nuts to be used in the telequick mounting plates. 50 pieces.

**Pack quantity:**

Thread	Item no.
M 4	TN04
M 5	TN05
M 6	TN06

Not suitable for AFS.

## Depth adjustment kit, AMG

**Description:**

To provide depth adjustment for different accessories: mounting plate, 19" profiles and inner door. In stainless steel enclosures machining is required.

**Material:**

2 mm galvanized steel.

**Depth adjustment:**

Distance to the door D-35 to 65 mm.

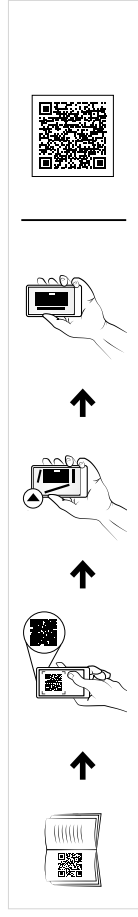
**Pack quantity:**

2 pairs with mounting accessories.

**For enclosure**

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

Not suitable for AFS.



## Depth adjustment bolts, AMTE

**Description:**

For depth adjustment of the mounting plate. Metric thread M8.

**Material:**

Zinc plated steel.

Length	Pack quantity	Item no.
10	50	AMTE8010
20	50	AMTE8020
30	50	AMTE8030
40	20	AMTE8040
50	20	AMTE8050
55	20	AMTE8055
100	20	AMTE8100



# Wall Mounted Enclosures Steel Range Accessories

## Depth interior profile, DIP

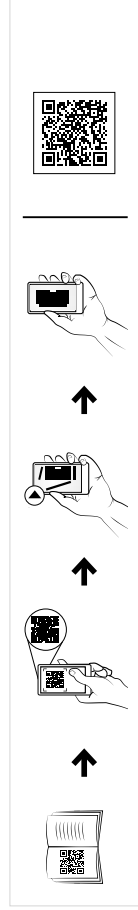
### Description:

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	Max. loading	Item no.
210	150 N	DIP210
260	150 N	DIP260
300	150 N	DIP300
400	150 N	DIP400



## 19" profiles, AVP

### Description:

For 600 mm wide enclosures only. Adjustable depth with the use of the AMG accessory. Usable depth between 19" profiles and external door: 56 mm. Fitted onto the hinge holes located on the front frame of the enclosure. For stainless steel enclosures, machining is required.

**Material:** 2 mm galvanized steel.

**Pack quantity:** 1 pair with mounting accessories.

For enclosure H	U	Item no.
600	13	AVP0600
800	17	AVP0800
1000	21	AVP1000
1200	26	AVP1200

Not suitable for AFS.



## Vertical mounting profiles, AVB

### Description:

For the mounting of swing frames in full and partial height. The SFBP is mounted directly to the AVB. Equipped with 25 mm hole pattern. For other mounting purposes CNM cage nuts can be used. Fitted onto the hinge holes located on the front frame of the enclosure. For stainless steel enclosures, machining is required.

**Material:** 2 mm galvanized steel.

**Pack quantity:** 1 pair with mounting accessories.

For enclosure		
H	Item no.	
600	AVB0600	
800	AVB0800	
1000	AVB1000	
1200	AVB1200	
1400	AVB1400	

Not suitable for AFS.



## Partial height swing frames, SFCP

### Description:

Partial height swing frame for 19"-components allowing left or right hand opening. Can be used in wall mounted, steel enclosures, and floor standing, combinable and compact, steel enclosures. Rigid S-shaped frame profile equipped with 19" hole pattern in front and back. Zinc plated frame for direct earthing of the mounted components. Standard opening angle 125°-155°.

**Lock:** 1 double-bit 3 mm lock.

**Material:** 2 mm zinc plated steel.

**Pack quantity:** 1 swing frame with hinges.

### Mounting requirements:

Mounting in wall mounted, steel enclosures requires the SFBP transversal support in combination with the AVB. Mounting in floor standing steel combinable enclosures requires the SFBP transversal support. Adjustable in depth in combination with CLPK profiles.

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

Not suitable for AFS.



# Wall Mounted Enclosures

## Steel Range

### Accessories

#### Partial SF transversal support bars, SFBP

**Description:**

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

**Material:**

3 mm zinc plated steel.

**Pack quantity:**

1 complete kit including mounting brackets for one swing frame.

**Mounting requirements:**

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

For enclosure		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		N° of modules	N° of rows	Item no.
H	300	250	16	AC03025R5
	400	300	33	AC04030R5
	500	400	48	AC05040R5
	600	400	64	AC06040R5
	700	500	108	AC06060R5
	800	600	110	AC07050R5
	1000	600	162	AC08060R5
	1000	800	189	AC10060R5
	1000	800	266	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	h	w	Item no.
	50	600	496	470	470	MSMPN0506
	50	800	496	470	470	MSMPN0508
	100	600	96	470	470	MSMPN1006
	100	800	96	470	470	MSMPN1008
	150	600	146	470	470	MSMPN1506
	150	800	146	470	470	MSMPN1508
	200	600	196	470	470	MSMPN2006
	200	800	196	470	470	MSMPN2008
	250	600	246	470	470	MSMPN2506
	250	800	246	470	470	MSMPN2508
	300	600	296	470	470	MSMPN3006
	300	800	296	470	470	MSMPN3008
	400	600	396	470	470	MSMPN4006
	400	800	396	470	470	MSMPN4008
	450	600	446	470	470	MSMPN4506
	450	800	446	470	470	MSMPN4508
	500	600	496	470	470	MSMPN5006
	500	800	496	470	470	MSMPN5008
	600	600	596	470	470	MSMPN6006
	600	800	596	470	470	MSMPN6008
	600	1000	596	870	870	MSMPN6010

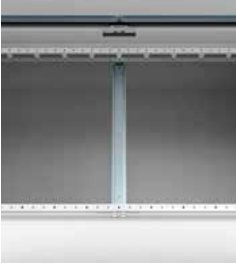
#### Horizontal opening

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

#### Vertical opening

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

1,25 mm steel

**Material:** RAL 7035 structured powder coating.

**Finish:** 1 piece with mounting material.

**Delivery:** To be assembled on the modular system frame.

**Mounting requirements:**

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.

1,25 mm steel.

**Material:** RAL 7035 structured powder coating.

**Finish:** 1 piece with mounting material.

**Delivery:** To be assembled on the modular system frame.

**Mounting requirements:**

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

3 mm stainless steel 304

3 mm stainless steel 316

**Item no.**

AWS41-304

AWS41-316



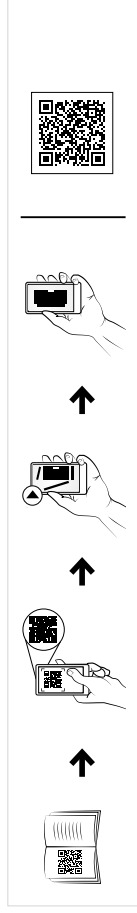


# Wall Mounted Enclosures Steel Range Accessories

## 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)		Item no.
MAS, MAD, MAP, ASR, ADR, AFS	300	EPF0300
	400	EPF0400
	500	EPF0500
	600	EPF0600
	800	EPF0800



## Front/rear plinths, P

- Description:** Four corner pieces with removable front covers. The side panels PA must be ordered separately. Available heights: 100 and 200 mm. Machining is required.  
**Material:** 2.5 mm mild steel for corner pieces and 1.5 mm mild steel for covers.  
**Finish:** RAL 7022 structured powder coating.  
**Pack quantity:** 4 corner pieces and 2 front covers, with mounting accessories.

Plinth Height	For enclosure		Item no.
	Width	Depth	
100	400	260	P1040
100	500	300	P1050
100	600	300	P1060
100	800	300	P1080
100	1000	300	P1100
100	1200	300	P1120
200	400	260	P2040
200	500	300	P2050
200	600	300	P2060
200	800	300	P2080
200	1000	300	P2100
200	1200	300	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 Height	For enclosure		Item no.
	Depth	Width	
100	260	400	PA1026
100	300	500	PA1030
100	400	600	PA1040
200	260	400	PA2026
200	300	500	PA2030
200	400	600	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		MSVST1063
600	300		MSVST1063-316
800	300		MSVST1083
800	300		MSVST1083-316
800	400		MSVST1084
800	400		MSVST1084-316
1000	300		MSVST1103
1000	300		MSVST1103-316
1200	300		MSVST1123
1200	300		MSVST1123-316
1200	400		MSVST1124
1200	400		MSVST1124-316

## Floor stands, PFF

### Description:

Floor stands for floor mounting to give a suitable operation height. Available for 300 and 400 mm depth enclosures with Wz 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		PFF330RS
450	300		PFF345RS
300	400		PFF430RS
450	400		PFF445RS

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
1200	800		1059	627		1*	ADT12060R5
1200	800		1059	627		1*	ADT12080R5

\* 3 point escape/complete locking.

Not suitable for AFS.

# Wall Mounted Enclosures

## Steel Range

### Accessories

## Glazed doors, ADC



**Description:**

To replace the standard door, it provides a clear view of the components installed inside the enclosure. The lock(s) are interchangeable with all nVent HOFFMAN's standard lock(s).

**Material:**

1.2 mm mild steel / 1.5 mm for enclosures with a height or width of 500 mm or greater / 2 mm for enclosures with a height or width of 800 mm or greater and 4 mm clear safety glass.

**Finish:**

RAL 7035 structured powder coating.

**Protection:**

Complies with IP 55 | TYPE 12, 13, IK 07.

**Pack quantity:**

1 door.

For enclosure		Viewing area			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
600	600	459	443		2	ADC0606OR5
700	500	559	343		2	ADC0705OR5
800	600	659	443		2	ADC0806OR5
1000	600	859	427		1*	ADC1006OR5
1200	800	1059	627		1*	ADC1206OR5
1200	800	1059	627		1*	ADC1208OR5

\* 3 point espagnolette locking.  
Not suitable for AFS.

## Glazed doors, ADCS



**Description:**

To replace the standard door, provides a clear view of the components installed inside the enclosure. The lock(s) are interchangeable with all nVent HOFFMAN's standard lock(s).

**Material:**

1.5 mm AISI 304 stainless steel, 2 mm for enclosures with a height or width of 600 mm or greater and 4 mm clear safety glass.

**Finish:**

400 pre-grained stainless steel.

**Protection:**

Complies with IP55 | TYPE 12, 13, IK 07.

**Pack quantity:**

1 door.

For enclosure		Viewing area			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	600	659	443		2	ADCS08060
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	ADAB12060	
1200	800	1122	722	2	ADAB12080	

Not suitable for AFS



## Mounting kits, ADAMK/ADABMK

**Description:**

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

For	Item no.
ADA	ADAMK
ADAB	ADABMK

# Wall Mounted Enclosures

## Steel Range

### Accessories

## Inner doors, ADI

**Description:**

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

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

**Finish:** RAL 7035 structured powder coating.

**Protection:** IP 2XC.

**Pack quantity:** Inner door, two vertical profiles, top and bottom profiles and mounting accessories.

For enclosure		Inner door dimensions			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	ADID0650R5	
600	600	545	492	1	ADID060R5	
600	800	545	692	1	ADID080R5	
700	500	645	392	2	ADID07050R5	
800	400	745	292	2	ADID08040R5	
800	600	745	492	2	ADID08060R5	
800	800	745	692	2	ADID08080R5	
1000	600	945	492	2	ADID10060R5	
1000	800	945	692	2	ADID10080R5	
1200	600	1145	492	2	ADID12060R5	
1200	800	1145	692	2	ADID12080R5	

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 IT9 to the catalogue no. e.g. ADIS04030IT9.  
Not suitable for AFS.



# Wall Mounted Enclosures

## Steel Range

### Accessories

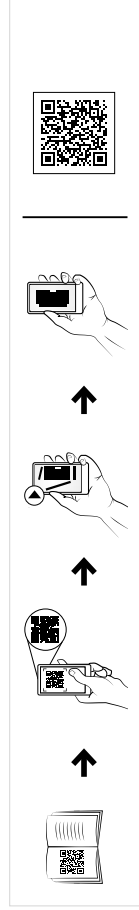
**Description:** Door hinges that allow the door to open 180°. Machining is not required.

**Material:** Zámak.

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

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

## 180° Hinges, MMH



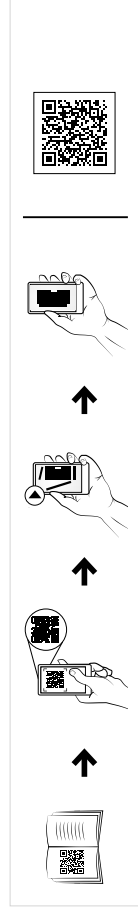
## 180° Hinges, MMHS

**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

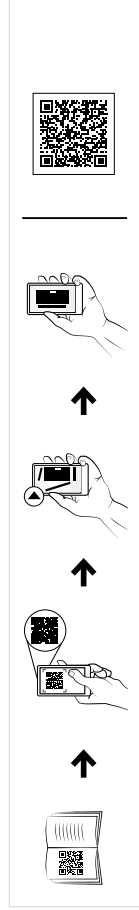


## Door stop, ADO

**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

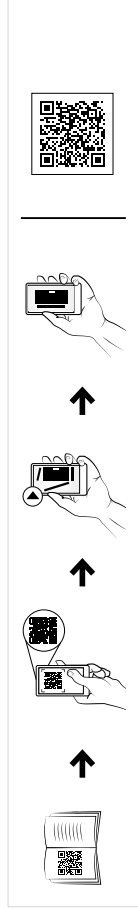
**Description:** Door switch to activate any electrical device (lighting, signalling, alarms, etc.) designed for wall mounted enclosures. Cable entry W20. In stainless steel enclosures, machining is required.

**Switch capacity:** 3 A / 240 V

**Approvals:** CE, cCCSAus, CCC.

**Pack quantity:** 1 piece with mounting accessories.

Material	Item no.
3 mm thick zinc plated steel	ADSW01



# Wall Mounted Enclosures Steel Range Accessories

# 02

Wall Mounted Enclosures

## Document pocket, DRA

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

Item no.
DRA04



## Door horizontal profiles, DHP

- Description:** Horizontal profiles with 25 mm hole pattern of 4.5 mm and 6.5 mm of diameter for the attachment and installation of equipment.  
**Material:** 1.5 mm galvanized steel.  
**Pack quantity:** 5 pieces with mounting accessories.  
**Mounting requirements:** They fit directly onto the MMDP door mounting profiles. They can also be mounted vertically onto two horizontal profiles. For doors with espagnolette locking system, profiles must be cut where indicated.

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

Not suitable for AFS.



## Door mounting profiles, MMDP

- Description:** To strengthen the door and provide further mounting possibilities. Mounted on the inside of the door onto M6 welded studs. Equipped with a 10 mm hole pattern. These door profiles cannot be used with the AFS enclosure range.

- Material:** 1.2 mm galvanized steel.  
**Dimension:** 15 x 14 mm.  
**Pack quantity:** 1 pair with mounting accessories.

For enclosure		Item no.
H	400	MMDP040
	500	MMDP050
	600	MMDP060
	700	MMDP070
	800	MMDP080
	1000	MMDP100
	1200	MMDP120
	1400	MMDP140

Not suitable for AFS.



# Wall Mounted Enclosures Steel Range Accessories

## Inserts, ALIS

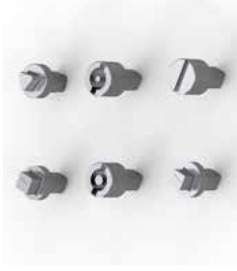
**Description:** Inserts to replace the standard double-bit 3 mm insert in the standard ALLS03 lock.

**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.
ALLS304 stainless steel	IP 65	ALLS304
ALLS316L stainless steel	IP 66	ALLS316

Not suitable for AFS.



## Padlocking, PLC

**Description:** The padlocking cover is mounted over the existing standard lock. The standard lock is totally covered and not accessible when padlock is fitted. Maximum padlock bow diameter of 10 mm.

**Material:** Stainless steel.

**Pack quantity:** 1 piece.

Item no.
PLC01

Not suitable for AFS.



## Handles, ALT

**Description:** Alternative handles to replace the standard lock.

**Pack quantity:** 1 piece.

Description	Protection	Item no.
Plastic handle	IP 66	ALT560
Chrome plated T-handle with cylinder lock, key M21323	IP 65	ALT561
Chrome plated handle with cylinder lock, key M21323	IP 65	ALT562
Plastic handle with cylinder lock, Key 5333	IP 65	ALT563

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



## Keys, LSK

**Description:** Key with nVent HOFFMAN logo. Easy to use design, providing a good grip.

**Pack quantity:** 1 piece.

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





# Wall Mounted Enclosures Steel Range Accessories

## Multi key, LSMK

**Description:** Multi-Key function with nVent HOFFMAN logo and a different key in every end: double-bit 5 mm, square 8 mm, triangle 6 mm and a standard hexagonal adaptor to use with the screw ends.

**Material:** Steel.

**Pack quantity:** 1 piece.

**Item no.**  
LSMK01



## Wall mounted combining kit, CK

**Description:** Wall mounting combining kit is to be used for baying two or more wall mounted enclosures together, side by side. This enables customers to create many more enclosure configurations than previously available.

**Material:** EPDM rubber 10 mm thick.

**Pack quantity:** Combining kit provided in a puzzle format, along with mounting accessories.

**Item no.**  
CK01

Not suitable for AFS.



# 02

Wall Mounted Enclosures

## Gland plate combining gaskets, AGC

**Description:** To be used when a wall mounted enclosure combination (MAS/MAD/MAP) is needed. Combining gaskets are to be used to bay gland plate openings together.

**Material:** 8 mm polyethylene foam.

**Pack quantity:** 2 pieces, and combination mounting accessories.

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



## Lifting eyes, AL

**Description:** M12 thread. Complies with DIN 580 lifting requirements. Machining is required.

**Material:** Steel.

**Pack quantity:** 2 eye-bolts, 2 reinforcements and mounting accessories.

**Item no.**  
AL9301

Not suitable for AFS.



# Wall Mounted Enclosures Steel Range Accessories

# 02

Wall Mounted Enclosures

**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

## Standard gland plates, AF



## 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

**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

## Ventilated gland plates with fly-net, AFG



## 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	EHTC215G
FL21	EHTC213G
FL21	EHTC215S
FL21	EHTC2150G



## Adapter gland plates, AFA

**Description:** Adapts FL gland plates to the wall mounted, steel enclosures gland opening.

**Material:** 1.4 mm mild steel.

**Finish:** RAL 7035 structured powder coating.

**Pack quantity:** 1 piece.

For opening	N° of Fl openings	Gland plate type	Item no.
210 x 96	1xFL13	1	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 96	4	3	-	-	1S	AFK11SR5
310 x 96	6	3	1	-	2S	AFK21SR5
410 x 96	9	4	1	-	3S	AFK31SR5
210 x 96	4	5	2	2	1	AFK11RS
210 x 96	12	-	1	1	1	AFK12RS
310 x 96	9	5	4	2	2	AFK21RS
310 x 96	21	-	1	1	2	AFK22RS
410 x 96	18	5	4	2	3	AFK31RS
410 x 96	21	10	-	-	3	AFK32RS
510 x 96	27	5	4	2	4	AFK41RS
510 x 96	18	14	3	1	4	AFK42RS



# Wall Mounted Enclosures

## Steel Range

### Accessories

# 02

Wall Mounted Enclosures

## 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

# Wall Mounted Enclosures Steel Range Accessories

## Earthing cables, ECFA



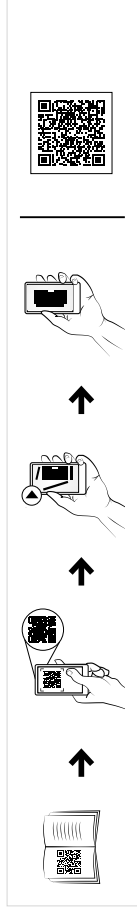
**Description:** For earthing between metallic parts.

**Material:** 6 mm<sup>2</sup> 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.

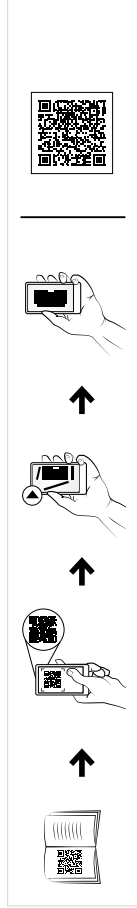
**Material:** Tinned electrolytic copper 0.15 mm wire.

**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 <sup>2</sup>	8.5	120 A	ECFE1630
25 mm <sup>2</sup>	10.5	150 A	ECFE2530



# 02

Wall Mounted Enclosures

## 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		ARF0251BR5
250	210		ARF0252TR5
300	155		ARF0301SR5
300	210		ARF0302TR5
400	155		ARF0401SR5
400	210		ARF0402TR5
400	260		ARF0402GR5
400	300		ARF0403OR5
500	155		ARF0501SR5
500	210		ARF0502TR5
500	260		ARF0502GR5
500	300		ARF0503OR5
600	210		ARF0602TR5
600	260		ARF0602GR5
600	300		ARF0603OR5
600	400		ARF0604OR5
800	210		ARF0802TR5
800	260		ARF0802GR5
800	300		ARF0803OR5
800	400		ARF0804OR5
1000	300		ARF1003OR5
1200	300		ARF1203OR5

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° MMHS 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.

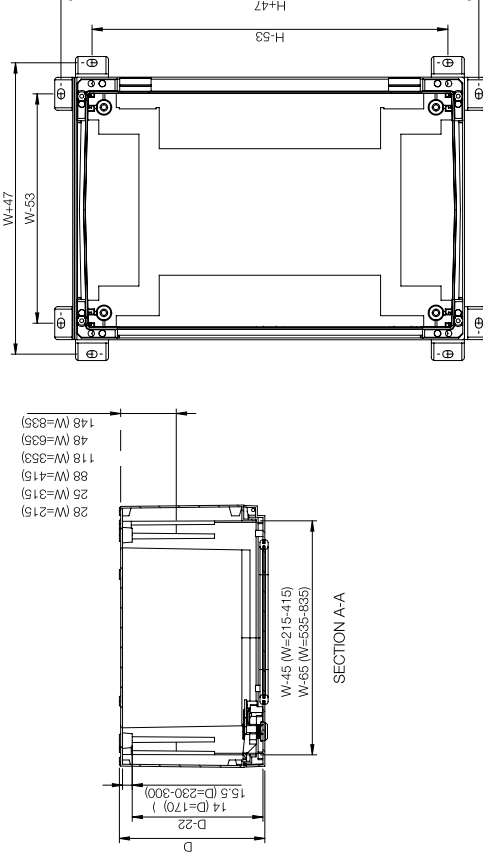
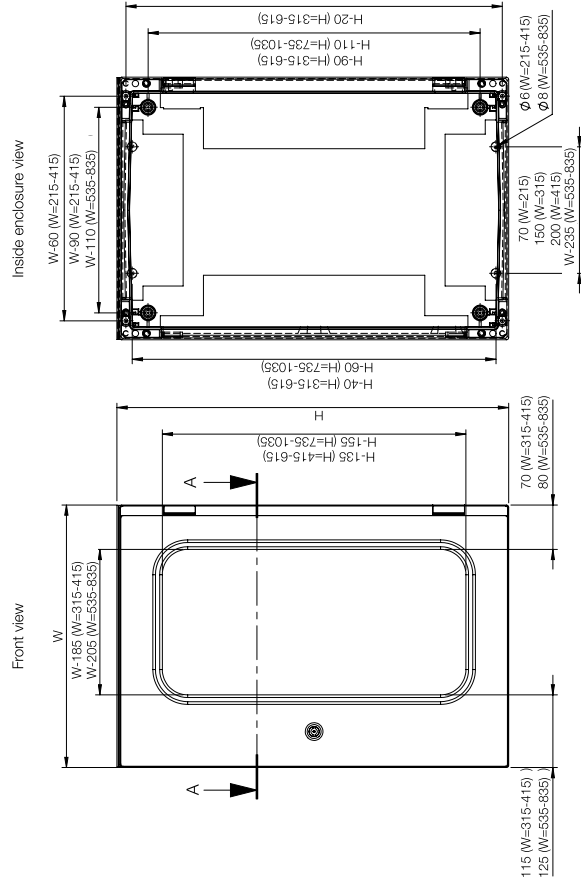


IP 66 | TYPE 4, 4X, 12, 13 | IK 08 / 07

Plain door				
Enclosure dimensions				
H	W	D	N° of locking points	Item no.
315	215	170	1	UCP320
415	315	170	1	UCP430
515	415	230	3	UCP540
615	415	230	3	UCP640
735	535	270	3	UCP750
835	635	300	3	UCP860
1035	835	300	3	UCPT1080

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





## Accessories selection matrix | UCP/UCPT

Enclosure	Mounting				H	W	D	Steel mounting plate	Insulated mounting plate	Telequick mounting plate	Depth adjustment kit
	Image 1	Image 2	Image 3	Image 4							
UCP320					315	215	170	UMP2320	UMPF320	UMFT320	UCD01
UCP430					415	315	170	UMP2430	UMPF430	UMFT430	UCD01
UCP540					515	415	230	UMP2540	UMPF540	UMFT540	UCD01
UCP640					615	415	230	UMP2640	UMPF640	UMFT640	UCD01
UCP750					735	535	270	UMP2750	UMPF750	UMFT750	UCD01
UCP860					835	635	300	UMP2860	UMPF860	UMFT860	UCD01
UCP1080					1035	835	300	UMP21080	UMPF1080	UMFT1080	UCD01

Enclosure	Mounting				H	W	D	Mounting frame	Cover plate with cut-outs	Plain cover plate	Hinge support
	Image 1	Image 2	Image 3	Image 4							
UCP320					315	215	170	UMF3202	UCP3201	UCF3200	UHS01
UCP430					415	315	170	UMF4302	UCP4301	UCF4300	UHS01
UCP540					515	415	230	UMF5403	UCP5401	UCF5400	UHS01
UCP640					615	415	230	UMF6403	UCP6401	UCF6400	UHS01
UCP750					735	535	270	UMF7503	UCP7501	UCF7500	UHS01
UCP860					835	635	300	UMF8604	UCP8601	UCF8600	UHS01
UCP1080					1035	835	300	UMF10805	UCP1081	UCF1080	UHS01
UCPT540					515	415	230	UMF5403	UCP5401	UCF5400	UHS01
UCPT640					615	415	230	UMF6403	UCP6401	UCF6400	UHS01
UCPT750					735	535	270	UMF7503	UCP7501	UCF7500	UHS01
UCPT860					835	635	300	UMF8604	UCP8601	UCF8600	UHS01
UCPT1080					1035	835	300	UMF10805	UCP1081	UCF1080	UHS01

Enclosure	Fixing				H	W	D	Stainless steel brackets	Polyamide brackets	Pole fixation	Ventilation
	Image 1	Image 2	Image 3	Image 4							
UCP320					315	215	170	UWMB11	UWMB12	EPF0300	UPV001
UCP430					415	315	170	UWMB11	UWMB12	EPF0300	UPV001
UCP540					515	415	230	UWMB11	UWMB12	EPF0400	UPV001
UCP640					615	415	230	UWMB11	UWMB12	EPF0400	UPV001
UCP750					735	535	270	UWMB11	UWMB12	EPF0500	UPV001
UCP860					835	635	300	UWMB11	UWMB12	EPF0600	UPV001
UCP1080					1035	835	300	UWMB11	UWMB12	EPF0800	UPV001
UCPT430					415	315	170	UWMB11	UWMB12	EPF0300	UPV001
UCPT540					515	415	230	UWMB11	UWMB12	EPF0400	UPV001
UCPT640					615	415	230	UWMB11	UWMB12	EPF0400	UPV001
UCPT750					735	535	270	UWMB11	UWMB12	EPF0500	UPV001
UCPT860					835	635	300	UWMB11	UWMB12	EPF0600	UPV001
UCPT1080					1035	835	300	UWMB11	UWMB12	EPF0800	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		
315	215	250	150		UMPZ320
415	315	350	250		UMPZ430
515	415	450	350		UMPZ540
615	415	550	350		UMPZ640
735	535	650	450		UMPZ750
835	635	750	550		UMPZ860
1035	835	950	750		UMPZ1080



## Insulated mounting plate, UMPP-C

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

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



## Telequick mounting plate, UMPT

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

For enclosure		Mounting plate dimensions			Item no.
H	W	h	w		
315	215	250	150		UMPT320
415	315	350	250		UMPT430
515	415	450	350		UMPT540
615	415	550	350		UMPT640
735	535	650	450		UMPT750
835	635	750	550		UMPT860
1035	835	950	750		UMPT1080



## Snap nuts for telequick plates, TN

**Description:** Nuts to be used in the telequick mounting plates.  
**Pack quantity:** 50 pieces.

Thread	Item no.
M 4	TN04
M 5	TN05
M 6	TN06

Not suitable for AFS.



## Depth adjustment kit, UCD

**Description:** To provide depth adjustment for the mounting plate and other accessories.

**Pack quantity:** 4 pieces and mounting accessories.

Item no.
UCD01



## Mounting frame, UMF

**Description:** For easy mounting of DIN-rail components. The DIN-rails are adjustable in height.

**Material:** Galvanized steel.

**Delivery:** Vertical profiles, reinforced DIN-rails, supporting brackets and mounting accessories.

For enclosure				
H	W	N° of modules	N° of DIN rails	Item no.
315	215	12	2	UMF3202
415	315	24	2	UMF4302
515	415	54	3	UMF5403
615	415	54	3	UMF6403
735	535	88	4	UMF7503
835	635	96	4	UMF8604
1035	835	180	5	UMF10805



# Wall Mounted Enclosures Polyester Range Accessories

## Cover plate with DIN cut-outs, UFCP-D

**Description:**

Front cover plate with cut-outs for DIN components. Distance between UFCP and enclosure door: 39 mm, 49 mm for UCP750 and above. Reversible mounting position, to increase the distance between UFCP and enclosure door by 30 mm. The mounting frame with DIN rails UMF-xxxx must be ordered separately.

**Material:** Polyester.

**Finish:** RAL 7035.

**Delivery:** Cover plate, supporting brackets, one quarter turn fasteners and mounting accessories.

Enclosure dimensions		Usable depth		N° of modules	N° of rows	Item no.
H	W	d				
315	215	125	12	2	2	UFCP3201
415	315	150	24	2	2	UFCP4301
515	415	150	54	3	3	UFCP5401
615	415	150	54	3	3	UFCP6401
735	535	150	88	4	4	UFCP7501
835	635	150	96	4	4	UFCP8601
1035	835	150	180	5	5	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 UCP750 and above. Reversible mounting position, to increase the distance between UFCP and enclosure door by 30 mm.

**Material:** Polyester.

**Finish:** RAL 7035.

**Delivery:** Frame, supporting brackets, one quarter turn fasteners and mounting accessories.

For enclosure		W	Frame	N° Individual cover plates	Item no.
H					
415	F1	315	F1	2	UFCP4302
515	F1	415	F1	3	UFCP5402
615	F1	415	F1	3	UFCP6402
735	F1	535	F1	4	UFCP7502
835	F2	635	F2	8	UFCP8602
1035	F2	835	F2	10	UFCP1082

F1 = Single F2 = Double



## Plain individual cover plate, UICP

**Description:**

Individual plain cover plate to be mounted in the frame UFCP; the height of the cover is 150 mm.

**Material:** PVC.

**Finish:** RAL 7035.

**Delivery:** 1 piece with mounting accessories.

For enclosure		Cover plate dimension			Item no.
H	W	h	w		
415 / 835	315 / 635	150	239	12	UICP4300
515	415	150	322	17	UICP5400
615 / 1035	415 / 835	150	335	18	UICP6400
735	535	150	423	22	UICP7500

UICP4300 and UICP6400 can be fixed in both enclosure sizes displayed.



## Slotted individual cover plate, UICP-S

**Description:**

Individual slotted cover plate to be mounted in the frame UFCP; the height of the cover is 150 mm.

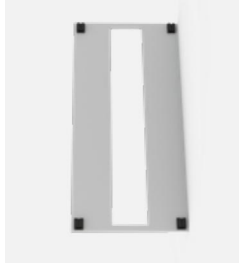
**Material:** PVC.

**Finish:** RAL 7035.

**Delivery:** 1 piece with mounting accessories.

For enclosure		Cover plate dimension			Item no.
H	W	h	w	N° of modules	
415 / 835	315 / 635	150	239	12	UICP4301
515	415	150	322	17	UICP5401
615 / 1035	415 / 835	150	335	18	UICP6401
735	535	150	423	22	UICP7501

UICP4301 and UICP6401 can be fixed in both enclosure sizes displayed.



# Wall Mounted Enclosures Polyester Range Accessories

## Plain full cover plate, UFCP

**Description:**

Plain front cover plate to protect the equipment mounted in the enclosure. Distance between UFCP and enclosure door: 39 mm; 49 mm for UCP750 and above. Reversible mounting position, to increase the distance between UFCP and enclosure door by 30 mm. The cover plate can be hinged using the UHS accessory, allowing the user to gain access to components and/or cable management without having to remove the cover plate.

**Material:**

Polyester.

**Finish:**

RAL 7035.

**Delivery:**

Cover plate, supporting brackets, one quarter turn fasteners and mounting accessories.

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

## Hinge support, UHS

**Description:**

To be used with a UFCP closed cover plate if a hinged inner door is required.

**Delivery:**

2 pieces with mounting accessories.

**Additional information:**

Not compatible with reversible mounting position of UFCP.

Item no.
UHS01

## Wall mounting brackets, UWMB

**Description:**

Mounting brackets for wall fixing UCP enclosures. It gives a clearance of 20 mm between the enclosure and the wall.

**Pack quantity:**

4 brackets with mounting accessories.

Material	Item no.
304L Stainless Steel	UWMB11
Polyamide	UWMB12



## Enclosure pole fixation, EPF-C

**Description:**

Accessory to fix enclosures onto poles. Maximum load of 900N.

**Material:**

Galvanized steel.

**Minimum pole diameter:**

80 mm.

**Maximum pole diameter:**

250 mm.

**Pack quantity:**

2 profiles, 2 circular mounting strips for pole attachment and mounting accessories.

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

## Handles, UDH

**Description:**

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

**Delivery:**

1 piece with mounting accessories.

Description	Item no.
Neutral handle	UDH0C
Handle with key E2432	UDH1C
Handle for half cylinder	UDH2C
Small handle for half cylinder*	UDH2CS
Handle for pad-locking	UDH3C

To be used for UCP320/UCP430.



## Air ventilation grids IP 44, UPVD

**Description:**

For ventilating the enclosures. Can be concealed if mounted on the inside panel of the double walled corner. Machining is required (hole 34.9 mm diameter).

**Material:**

Polyester.

**Protection degree:**

IP 44.

**Pack quantity:**

2 pieces.

Item no.
UPVD01



# Wall Mounted Enclosures Polyester Range | Polyester Modular, Plain / Transparent door | UDP/UDPT

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

# 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:**  
Pre-mounted handle, suitable for all types of half cylinder locks (standard depth of 40 mm). Five locking points (three points in 500 mm width enclosures).

**Temperature resistance:**  
-25 °C to 70 °C in continuous use (peak temperatures up to 130 °C).

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

**Protection:**  
Complies with IP 65 | TYPE 4, 4X, 12, 13 for single and double door enclosures / IP 54 | TYPE 4, 4X, 12, 13 for transparent door enclosures. Impact resistance IK 10 (IK 07 for enclosures with transparent door).

**Approvals:**  
CE, CSA, GOST, cULus, UL Listed for single door enclosures. For further approvals, please contact nVent HOFFMAN's sales department.

**Finish:**  
RAL 7035, precoloured raw material.

**Delivery:**  
Enclosure with door, fixing screws for the mounting plate and wall mounting brackets. (Lock cylinder is not included in the delivery).

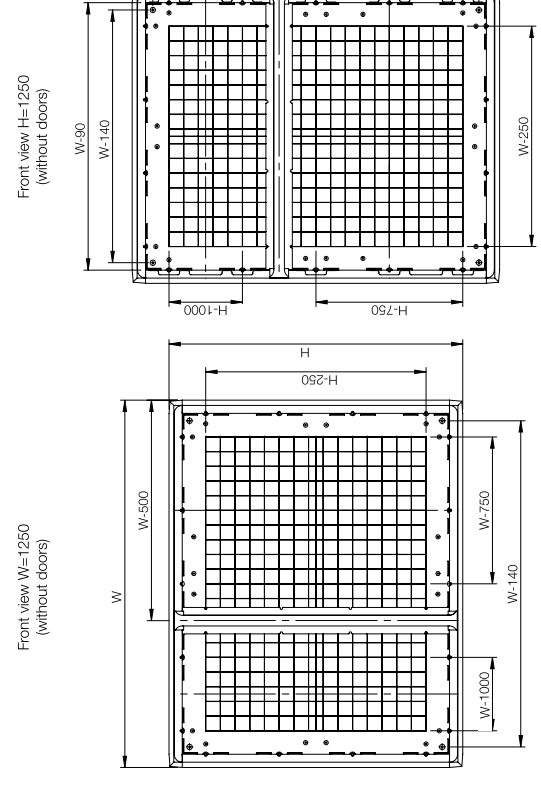
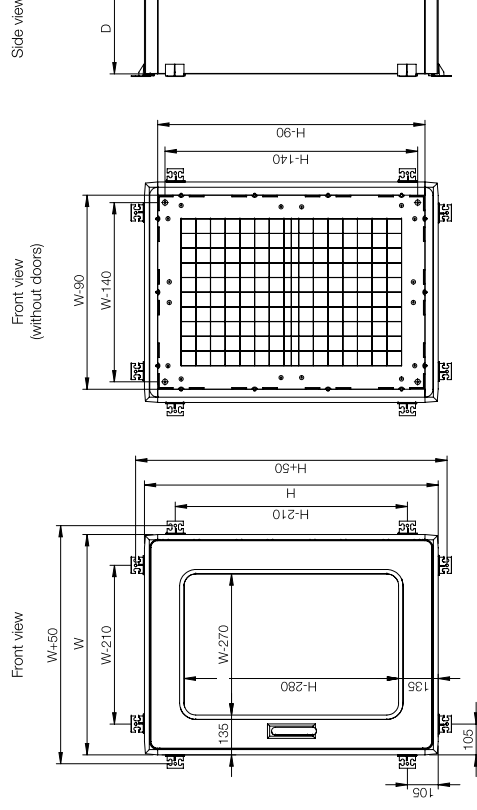


IP 65/54 | TYPE 4, 4X, 12, 13 | IK 10/07

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

Enclosure dimensions			
H	W	D	Item no.
750	500 + 750	320	UDP75125
1000	500 + 500	320	UDP100102
1000	500 + 750	320	UDP100125
500 + 750	1000	320	UDP125100
500 + 750	1000	320	UDP125102

Enclosure dimensions			
H	W	D	Item no.
500	500	320	UDPT5050
500	750	320	UDPT5075
750	500	320	UDPT7550
750	750	320	UDPT7575
1000	500	320	UDPT10050
1000	750	320	UDPT10075
1250	750	320	UDPT12575



## Accessories selection matrix | UDP/UDPT

Enclosure	Mounting			H	W	D	Fixing			
	Steel mounting plate	Insulated mounting plate	Mounting profiles				Pole fixation	Adaptor frame for DIN-base	DIN-base	Plinth
UDP5050	UMFZ5050	UMPF5050	UMF500	500	500	320	EPF0400/EPF0600	-	-	UPF5032
UDP5075	UMFZ5075	UMPF5075	UMF500	500	750	320	EPF0600	UMPS7532	-	UPF7532
UDP7550	UMFZ5075	UMPF5075	UMF750	750	500	320	EPF0400/EPF0600	-	-	UPF5032
UDP7575	UMFZ7575	UMPF7575	UMF750	750	500	320	EPF0600	UMF7532	UMPS7532	UPF7532
UDP75100	UMFZ75100	UMPF75100	UMF750	750	1000	320	EPF0400/EPF0600	UMPS10032	UMPS10032	UPP10032
UDP10050	UMFZ10050	UMPF10050	UMF1000	1000	500	320	EPF0600	UMPS7532	UMPS7532	UPF7532
UDP10075	UMFZ10075	UMPF10075	UMF1000	1000	750	320	EPF0600	UMPS7532	UMPS7532	UPF7532
UDP100100	UMFZ100100	UMPF100100	UMF1000	1000	1000	320	EPF0600	UMPS10032	UMPS10032	UPP10032
UDP12575	UMFZ12575	UMPF12575	UMF1250	1250	750	320	EPF0400/EPF0600	UMPS10032	UMPS10032	UPF7532
UDP75125	UMFZ75125	UMPF75125	UMF750	750	500 + 750	320	EPF0600	UMPS7532	UMPS7532	UPF7532
UDP100102	UMFZ100100	UMPF100100	UMF1000	1000	500 + 500	320	EPF0600	UMPS10032	UMPS10032	UPP10032
UDP100125	UMFZ100125	UMPF100125	UMF1000	1000	500 + 750	320	EPF0600	UMPS10032	UMPS10032	UPP10032
UDP125100	UMFZ125100	UMPF125100	UMF1250	1250	500 + 750	320	EPF0600	UMPS10032	UMPS10032	UPP10032
UDP125102	UMFZ125100	UMPF125100	UMF1250	1250	500 + 750	320	EPF0600	UMPS10032	UMPS10032	UPP10032
UDP15050	UMFZ15050	UMPF15050	UMF1500	1500	500	320	EPF0400/EPF0600	UMPS7532	UMPS7532	UPF7532
UDP15075	UMFZ15075	UMPF15075	UMF1500	1500	750	320	EPF0600	UMPS7532	UMPS7532	UPF7532
UDP17550	UMFZ17550	UMPF17550	UMF1750	1750	500	320	EPF0600	UMPS7532	UMPS7532	UPF7532
UDP17575	UMFZ17575	UMPF17575	UMF1750	1750	750	320	EPF0600	UMPS7532	UMPS7532	UPF7532
UDP100950	UMFZ100950	UMPF100950	UMF1000	1000	500	320	EPF0600	UMPS10032	UMPS10032	UPP10032
UDP110075	UMFZ110075	UMPF110075	UMF1000	1000	750	320	EPF0600	UMPS10032	UMPS10032	UPP10032
UDP112575	UMFZ112575	UMPF112575	UMF1250	1250	750	320	EPF0600	UMPS7532	UMPS7532	UPF7532

Enclosure	Doors			H	W	D	Protection				Baying
	Inner door	Door stop	Rainhood				Air ventilation grids	Depth extension kit			
UDP5050	UID5050	-	URH5032	500	500	320	URH5032	UA01	UDE5050		
UDP5075	UID5075	UDS01/UDS02	URH5032	500	750	320	URH5032	UA01	UDE5075		
UDP7550	UID7550	-	URH5032	750	500	320	URH5032	UA01	UDE7550		
UDP7575	UID7575	UDS01/UDS02	URH7532	750	750	320	URH7532	UA01	UDE7575		
UDP75100	UID75100	UDS01/UDS02	URH10032	750	1000	320	URH10032	UA01	UDE75100		
UDP10050	UID10050	-	URH5032	1000	500	320	URH5032	UA01	UDE10050		
UDP10075	UID10075	UDS01/UDS02	URH7532	1000	750	320	URH7532	UA01	UDE10075		
UDP100100	UID10075	UDS01/UDS02	URH10032	1000	1000	320	URH10032	UA01	UDE100100		
UDP12575	UID12575	UDS01/UDS02	URH7532	1250	750	320	URH7532	UA01	UDE12575		
UDP75125	UID5075	UDS01/UDS02	URH12532	750	500 + 750	320	URH12532	UA01	UDE75125		
UDP100102	UID5075	UDS01/UDS02	URH10032	1000	500 + 500	320	URH10032	UA01	UDE100100		
UDP100125	UID5075	UDS01/UDS02	URH10032	1000	500 + 750	320	URH10032	UA01	UDE100125		
UDP125100	UID5075	UDS01/UDS02	URH10032	1250	500 + 750	320	URH10032	UA01	UDE125100		
UDP125102	UID5075	UDS01/UDS02	URH10032	1250	500 + 750	320	URH10032	UA01	UDE125100		
UDP15050	UID5050	-	URH5032	500	500	320	URH5032	UA01	UDE5050		
UDP15075	UID5075	UDS01/UDS02	URH5032	500	750	320	URH5032	UA01	UDE5075		
UDP17550	UID7550	-	URH5032	750	500	320	URH5032	UA01	UDE7550		
UDP17575	UID7575	UDS01/UDS02	URH7532	750	750	320	URH7532	UA01	UDE7575		
UDP100950	UID10050	-	URH5032	1000	500	320	URH5032	UA01	UDE10050		
UDP110075	UID10075	UDS01/UDS02	URH7532	1000	750	320	URH7532	UA01	UDE10075		
UDP112575	UID10075	UDS01/UDS02	URH7532	1250	750	320	URH7532	UA01	UDE10075		

# Wall Mounted Enclosures Polyester Range Accessories

# 02

Wall Mounted Enclosures

## 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	w or h	
500	500	390	390	UMPZ5050
500	750	640	390	UMPZ5075
750	750	640	640	UMPZ7575
750	1000	890	640	UMPZ75100
1000	1250	1140	640	UMPZ75125
1000	500	390	890	UMPZ100500
1000	1000	890	890	UMPZ100100
1000	1250	1140	890	UMPZ100125

## Insulated mounting plate, UMPP

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



For enclosure		Mounting plate dimensions		Item no.
H or W	W or H	h or w	w or h	
500	500	390	390	UMPP5050
500	750	640	390	UMPP5075
750	750	640	640	UMPP7575
750	1000	890	640	UMPP75100
1000	1250	1140	640	UMPP75125
1000	500	390	890	UMPP10050
1000	1000	890	890	UMPP100100
1000	1250	1140	890	UMPP100125

## Depth adjustment kit, UPD

**Description:** To provide depth 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 MT2, U-profiles, counter-profiles and mounting accessories.

For enclosure			
W	D	Plinth h	Item no.
500	320	65	UPP5032
750	320	65	UPP7532
1000	320	65	UPP10032
1250	320	65	UPP12532

## Adaptor frame for DIN-base, UAF

**Description:** Enclosure and adaptor frame are anchored on to the DIN-base.  
**Material:** Glass fibre reinforced polyester.  
**Finish:** RAL 7035.  
**Delivery:** 1 piece with mounting accessories.

For enclosure		
W	D	Item no.
750	320	UAF7532
1000	320	UAF10032



## Polyester DIN-base, UMPS

**Description:** DIN-base pedestals.  
**Material:** Glass fibre reinforced polyester.  
**Finish:** RAL 7035.  
**Delivery:** 1 piece with mounting accessories.

For enclosure			
H	W	D	Item no.
900	780	310	UMPS7532
900	1110	310	UMPS10032



# Wall Mounted Enclosures Polyester Range Accessories

**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

## Inner door, UID



## 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		Item no.
H or W	D	h or w	d	
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.

Description	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 UW02. 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		Item no.
W		
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 table | HDW

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

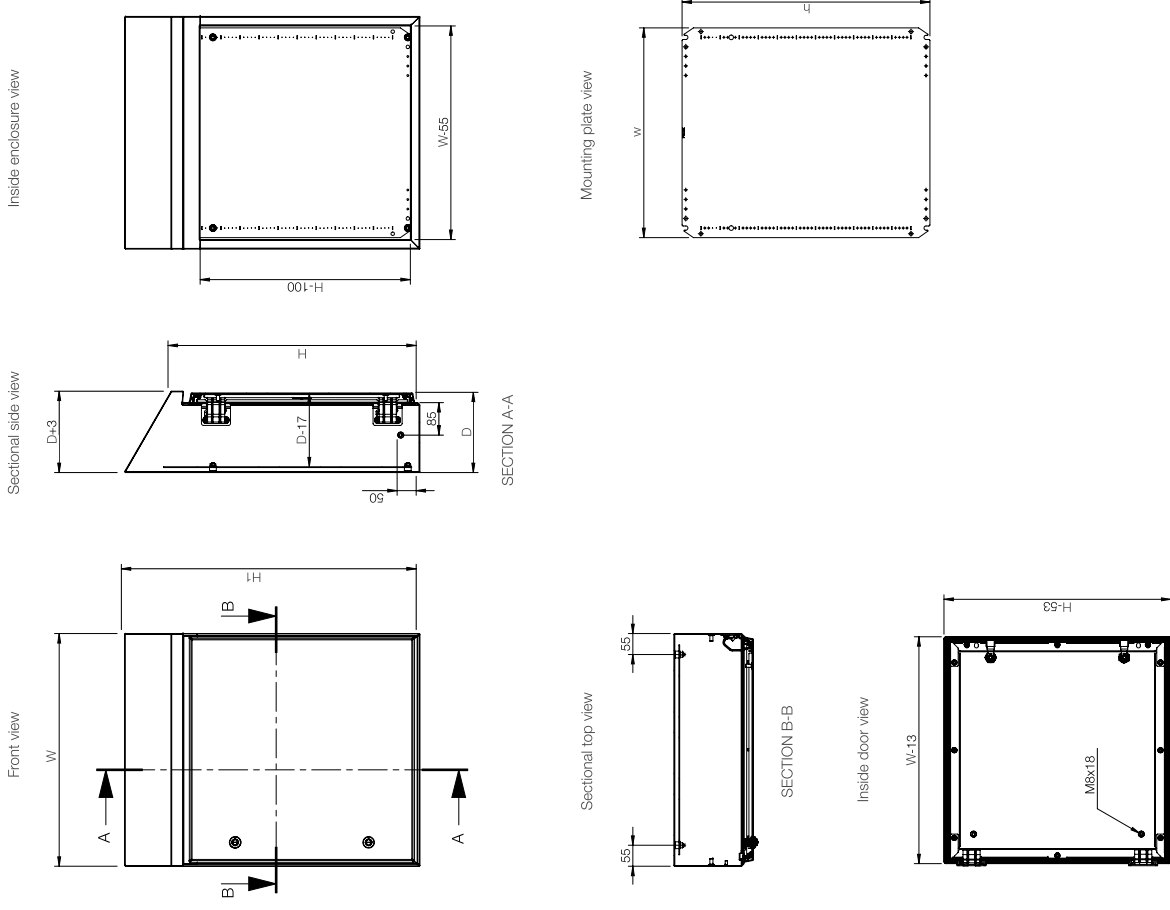
H	P	H1	w	D	h	w	Item no.
350	442	155	220	155	350	160	HDW0442215
430	552	390	390	210	430	330	HDW0553921
430	552	430	810	210	430	750	HDW0558121
430	605	430	610	300	430	550	HDW0606130
550	672	510	510	210	550	450	HDW0675121
650	772	390	390	210	650	330	HDW0773921
650	772	610	610	210	650	550	HDW0776121
650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



## Dimensional drawing | HDW

### Wall Mounted Enclosures

# 02



## Wall Mounted Enclosures Hygienic Design Range Accessories

### Depth interior profile for HDW, DIPH

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

**Material:** Zinc plated Steel.

**Pack quantity:** 4 profiles with mounting accessories

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



### Door switch for HDW, HDSW

**Description:** Door switch to activate any electrical device (lighting, signalling, alarms, etc.) designed for HDW range of wall mounted enclosures. No machining is required.

**Switch capacity:** 3 A / 240 V

**Approvals:** CE, cCCSAus, CCC.

**Pack quantity:** 1 piece with mounting instructions.

**Additional information:** Minimum enclosure depth 210 mm.

Item no.
HDSW01



### Wall mounting brackets HD, AWHD

**Description:** Mounting brackets for hygienic wall fixing. Provides a space between the enclosure and the wall to facilitate cleaning operations. It includes the sealing washers to guarantee the IP rating. Machining required.

**Material:** AISI 304 stainless steel. Sealing in FDA approved silicone.

**Pack quantity:** 1 bracket with mounting accessories

D	Item no.
50	AWHD050
300	AWHD300



### Cable glands HD, CGHD

**Description:** Hygienic design cable fittings. Known for excellent strain relief even while providing higher protection class. Machining required. Design according to EHEDG standards.

**Material:** AISI 303 stainless steel. Sealing in FDA approved silicone.

**Protection:** IP 69.

**Pack quantity:** 5 pieces, locknut included.

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



### Leveling feet HD, LFHD

**Description:** Adjustable feet for leveling enclosures placed on uneven ground. Reduce cleaning time thanks to fully covered and sealed threads. Machining required. Design according to EHEDG standards.

**Material:** AISI 304 stainless steel. Sealing in FDA approved silicone.

**Pack quantity:** 4 pieces with mounting accessories.

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



# 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 MASE0606021RS and above. Door: 1.2 mm zinc plated steel / 1.5 mm MASE0606021RS 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 MASE0505021RS 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 MASE0505021RS and above. Earthing facilities.



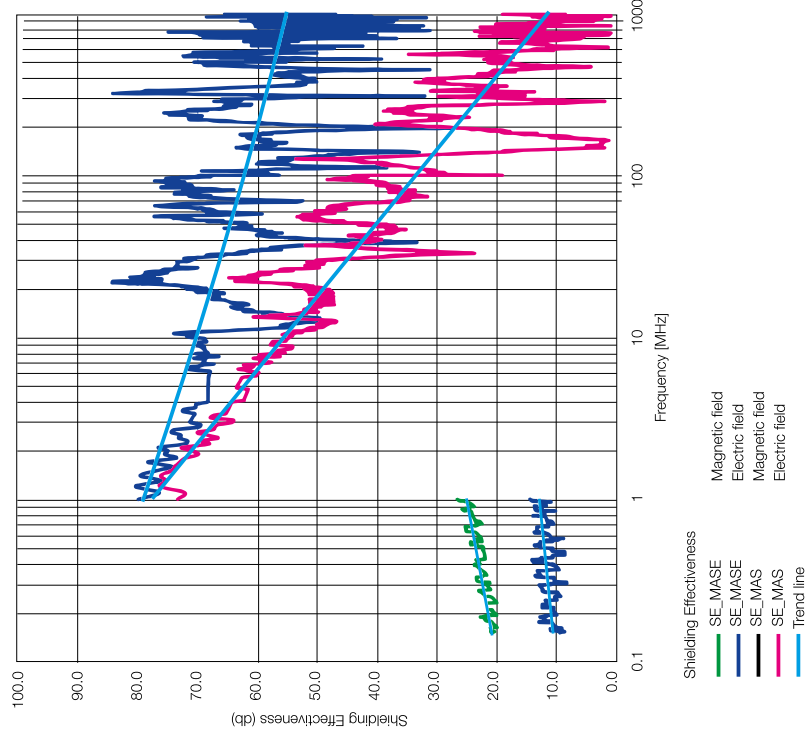
## Dimensional table | MASE

### IP 54 | TYPE 12 | IK 10

Enclosure dimensions		Mounting plate dimensions			Usable depth		N° of locks	Item no.
H	W	D	h	w	d			
400	400	210	370	350	192	1	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 MASE 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



# 02

Wall Mounted Enclosures

2

## Wall Mounted Enclosures EMC Range Accessories

### EMC Filter fans, EFE

#### Description:

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

#### Approvals:

CE, GOST, UR, cUL.

#### Material:

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

#### Pack quantity:

1 fan with filter.

230 V AC, 50/60 Hz

Unimpeded airflow (m³/h)	EFE-EFAE Air flow (m³/h)	Filter mat (EN779)	Filtration efficiency (%)	Service life L10 (40°C)(h)	Bearing type	Item no.
61/70	44/52	G4	>90	37.500	Sleeve	EFE200RS
110/125	82/93	G4	>90	37.500	Sleeve	EFE20RS
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

230 V AC, 50/60 Hz

Noise (dB)	IP	Cut-out (mm)	Weight (kg)	Connection	Current (A)	Power (W)	Fuse (A)	Item no.
44	54	126,5 x 126,5	0,80	Terminal strip	0,12/0,18	19/18	6	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

### ZONEX, Stainless Steel, Wall Mount Enclosures, EXE-WM



- Material:** Fabricated from Type 316L stainless steel. Body: 1.5 mm / 2.0 mm for enclosures with a height of 600 mm or above. Door: 1.5 mm / 2.0 mm for enclosures with a height of 600 mm or above. Gland plate: 2.5 mm. Mounting plate: 2.0 mm galvanized steel.
- Body:** M10 brass internal/external bonding provision, 2.5 mm thick wall-mounting brackets welded on the rear. M5 threads for gland plate screws provide quick and easy installation.
- Door:** Continuous seal polyurethane gasket, operating range: -40 to +70 °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  
Sire 09ATEX3224U IECEx SIR 09 0099U  
Ex eb IIC Gb Ex eb IIC Gb  
Ex tb IIC Dp IP 66 IEC 60079-0-2009  
EN60079-0-2009 IEC 60079-0-2007-2010  
EN60079-7-2007 IEC 60079-7-2006-2007  
EN61241-0-2006 IEC 61241-0-2004  
EN61241-1-2004 IEC 61241-1-2004
- Delivery:** Enclosure with door, mounting plate, gland plate and mounting accessories.
- Note:** nVent-HOFFMAN ATEX/Ex e enclosures are not intended for use in explosion-proof or flame proof applications.

H	W	D	Gland plate opening width	Gland plate opening depth	Mounting Plate Height	Mounting Plate Width	Item no.
300	300	150	236.5	73.5	255	255	EXE303015SS61E
300	300	210	236.5	133.5	255	255	EXE303021SS61E
400	300	150	236.5	73.5	355	255	EXE403015SS61E
400	300	210	236.5	133.5	355	255	EXE403021SS61E
400	400	150	336.5	73.5	355	355	EXE404015SS61E
400	400	210	336.5	133.5	355	355	EXE404021SS61E
500	400	150	336.5	73.5	455	355	EXE504015SS61E
500	400	210	336.5	133.5	455	355	EXE504021SS61E
500	500	210	436.5	133.5	455	455	EXE505021SS61E
600	500	210	436.5	133.5	555	455	EXE605021SS61E
600	600	210	536.5	133.5	555	555	EXE606021SS61E
600	600	300	536.5	233.5	555	555	EXE606030SS61E
750	500	210	436.5	133.5	705	455	EXE75021SS61E
750	600	210	536.5	133.5	705	555	EXE756021SS61E
750	750	300	686.5	223.5	705	705	EXE757503SS61E
900	600	210	536.5	133.5	855	555	EXE906021SS61E

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

## Wall Mounted Enclosures Hazardous Locations Range Accessories

### Hazardous location window kits, EXWK

- Description:** Window kits are ideal for visibility of internal enclosure components. Secure sealing with silicone gasket to protect against water and dust ingress in extreme temperature applications.
- Material:** Frame: Type 316 stainless steel. Gasket: Silicone. Window: Tempered safety glass, 6 mm.
- Operating temperature:** -55 (-67) to 180 °C (356 °F).
- Protection:** IP 66 | TYPE 4, 4X, 12, 3R
- Approvals:** ATEX Directive 94/9/EC IECEx  
Sira 13ATEX3315U IECEx SIR 13.0123U  
Ex e IIC Gb Ex e IIC Gb  
Ex tb IIC Dp IP 66 UL 508A, Component Recognized Type 4, 4X, 12, 3R, File No. EB 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	271	392	EXWK711SS6
394	267	36	330	203	373	246	EXWK1388SS6
241	445	36	178	381	211	424	EXWK715SS6
495	343	36	432	279	475	322	EXWK711SS6
241	572	36	178	508	221	551	EXWK208SS6
648	445	36	584	381	627	424	EXWK2315SS6
241	673	36	178	610	653	221	EXWK724SS6
241	800	36	178	737	221	780	EXWK729SS6
800	546	36	737	483	780	526	EXWK2919SS6

### Hazardous location LED lights, LEDHL

- Description:** Standard LED light. Cool white lighting with colour temperature range of 6500K. Versatile mounting allows the light to be positioned horizontally or vertically with 160° rotation. 100° angle of illumination. Minimum power consumption and superior lighting with 24 VDC power input. Indoor/outdoor LED light. Cool white lighting with colour temperature range of 6500 K. Robust construction design for suitable outdoor applications. 360° rotation allows flexible and versatile mounting. 100° angle of illumination. Minimum power consumption and superior lighting with 12.24 VDC power input.
- Operating temperature:** -40 (-40) to 85 °C (185 °F).
- Protection:** IP 54 | IP 66 for indoor/outdoor light | Maintains enclosure Type 4, 4X rating when properly installed.
- Approvals:** ETL Listed  
Class I Division 2, Groups A, B, C, D, T3  
Conforms to CSA 22.2 No. 137, 213, 250 Standards  
Conforms to UL 844 & 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

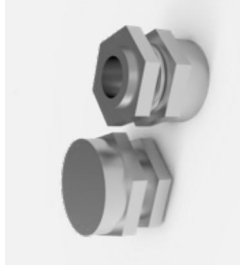


- Description:** Door switch to activate any electrical device (lighting, signalling, alarms, etc.) designed for wall mounted enclosures in hazardous locations. The included 5 ft connect cable allows ease of wiring to the enclosure back panel. Machining is required.
- Switch capacity:** 30 VDC / 5 A.
- 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 castallated 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.
Thread	Item no.
M20	EXEBDM20SS6
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 | Main enclosure Type 4, 4X rating when properly installed.
- Approvals:** Certified for Zone 1 or 2 areas  
IECEX: IECEX ITS 13.0049X  
Ex d IIC Gb  
ATEX  
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.
Thread	Item no.
M20	EXDBDM20SS6
M25	EXDBDM25SS6

#### Hazardous location hole seals, EXAS



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

Pack quantity:	1 piece.
Thread	Item no.
M20	EXAS050SS6
M25	EXAS075SS6
M32	EXAST00SS6
M40	EXAST175SS6
M50	EXAST1F0SS6
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 1, Division 1, Groups A, B, C, D to Division 2  
 NEC Type Z Class 1, Division 2, Groups A, B, C, D to Unclassified

For A1001YZUMC2 (Volume up to 10 cubic feet)  
 NEC Type Y Class 1, Division 1, Groups F, G to Division 2  
 NEC Type Z Class 1, Division 2, Groups F, G to Unclassified

Classified by Underwriters Laboratories, cUL and Factory Mutual Laboratories, NFPA 496-1993.

**Requirements:**

Protected enclosures should be constructed from materials, such as metal, fiberglass or polycarbonate material, to meet or exceed NEMA Type 4, Type 4X or Type 12 performance requirements.

**Mounting:**

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-1SA-00 or EPV-1SA-90 separately. This system is not intended for use to protect enclosures or devices that contain ignitable concentrations of gases or vapours.

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



## Hazardous location large-volume purging system, HLA3



**Description:**

Purging Type Y or Z assembly that operates on a supply of compressed instrument air or inert gas. It is designed to regulate and monitor pressure within one or more sealed (protected) enclosures, in order to rapidly remove and prevent flammable vapour accumulation within the enclosure(s). The system is designed to accomplish the required air exchanges and maintain a "safe" pressure on one or more protected enclosures. A Model EPV enclosure protection vent is required for proper operation. 90 cubic feet (2.55 cubic meters) maximum enclosure volume. Enclosure protection vent (90"). Rapid exchange control valve.

**Material:**

System face plate and mounting plate: Type 316 stainless steel with tumble finish. Regulator body: Zinc with enamel finish. Manifold body: Anodized aluminum with Type 316 stainless steel valves. Enclosure pressure gauge: Aluminum 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 IA, IB and IC to Division 2 / Zone 2, NEC Type Z Class 1, Division 2, Groups A, B, C, D / Zone 2  
 Groups IA, IB and IC to Non-hazardous. Classified by Underwriters Laboratories, NFPA 496-1993.

**Requirements:**

Protected enclosures should be constructed from materials such as metal, fiberglass or polycarbonate material to meet or exceed NEMA Type 4, Type 4X or Type 12 performance requirements.

**Mounting:**

Two models available: Vertical mount (VM) or horizontal mount (HM).

**Pack quantity:**

1 piece with mounting kit and accessories.

**Note:**

This system is not intended for use to protect enclosures or devices that contain ignitable concentrations of gases or vapours.

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

# Wall Mounted Enclosures

## Hazardous Locations Range

### Accessories

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

**Description:**

These products are designed to supply one or more enclosures with a protective gas supply. Enclosure protection vent (90°), Rapid exchange control valve, Explosion Proof differential pressure switch with "C" contacts for alarm.

**Material:**

System face plate and mounting plate: Type 316 stainless steel with tumble finish. Regulator body, Zinc with enamel finish. Manifold body: Anodized aluminium with Type 316 stainless steel valves. Enclosure pressure gauge: Aluminium with enamel finish. Gas supply gauge: Poly case and nickel-plated tube. Enclosure supply and enclosure reference bulkhead fittings: Type 316 stainless steel.

**Approvals:**

(Volume up to 90 cubic feet); 3003 WPSA; Type Y System, UL and FM Certified, Class I, Division 1 Group, ABC, D/Zone 1, Groups IIB and H2 to Division 2 Zone Z, Type Z system, UL and FM Certified, Class 1, Division 2 Group, ABC, D/Zone 2, Groups IIB and H2 to Non-Hazardous. ATEX-certified: n13 (3) G Ex [pz] II, -29 °C s Tamb. s 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 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 F13 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] Ex [pb]; IECEx SIR0019X [Gb, Db]; Europe, ATEX Category 2 GD; Cert no Sira 14ATEX1045X; USA/Canada NFPA496 C1 Div 1 Groups A, B, C, D; UL E466718.; Type Y, Ex [py] Ex [pb]; IECEx SIR0019X [Gb, Db]; Europe, ATEX Category 2 GD; Cert no Sira 14ATEX1045X; North America C1 Div 1 Groups A, B, C, D; For protecting C1 Div 2 equipment; UL E466718.; Type Z, Ex [pz] Ex [pb]; IECEx SIR0019X [Gb, Db]; Europe, ATEX Category 3 GD; Cert no Sira 14ATEX1045X; 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

