We connect and protect

Single Door Enclosure Mild Steel, MAS

The mild steel single door wall mounted enclosure range, MAS, with a IP 66 protection degree, is available off the shelf in many different sizes. This enclosure range is well suited for many different applications. The risk for component failure, and with that unnecessary downtime, is eliminated as water and dust are prevented from entering the enclosure.

INDUSTRY STANDARDS

UL 508A Listed; Type 4, 12; File No. E61997

cUL Listed per CSA C22.2 No.0, No.0.4, No.14, No.94; Type 12; File No. E61997

NEMA/EEMAC Type 4, 12

CSA, File No. 1442951: Type 4, 12

IEC 62208 IP66

CE, UK CA, UL, DNV

FEATURES

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

Gland Plate Opening: Situated at the far rear of the enclosure, to make cabling onto the mounting plate easier.

Protection: Complies with IP 66, TYPE 4, 12, IK 10. For outdoor installation, the use of a rain Hood, ARF, and 100% polyester paint coating plus corrosion protection primer is recommended. Resistance to corrosion must be taken into consideration for outdoor and indoor applications.

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.

Material: Body: 1.2 mm mild steel for enclosures with a depth of 155 mm / 1.4 mm for enclosures with a depth of 210 or 260 mm / 1.5 mm for enclosures with a depth of 300 or 400 mm, or if a height or width is 1000 mm or greater. Gland plate: 1.4 mm mild steel. Door: 1.2 mm mild steel / 1.5 mm for enclosures with a height or width of 500 mm or greater / 2 mm for enclosures with a height or width of 800 mm or greater. Mounting plate: 2 mm galvanized steel.

Lock: nVent HOFFMAN customized double-bit 3 mm lock, with 90° movement and anti-vibration mechanism. Two locks for 600 mm high to 800 mm high enclosures. Espagnolette three point locking for 1000 mm high enclosures and above. Other inserts are available as an accessory.

Finish: RAL 7035 structured powder coating.

Door: Surface mounted with 130° opening. Concealed removable hinges with captive pin. Hinges can be mounted to allow left or right hand opening. Inner M6 welded studs to mount door profiles MMDP, see delivery. Sealing is ensured by an injected one piece polyurethane gasket.

Delivery: Enclosure with door and mounting plate (not included for item numbers ending with PER5). For height 600 mm and above, two MMDP door mounting profiles. Gland plate(s) with gasket(s), plastic double-bit 3 mm key, and mounting accessories. Metallic key, for height 1000 mm and above. Earthing facilities.

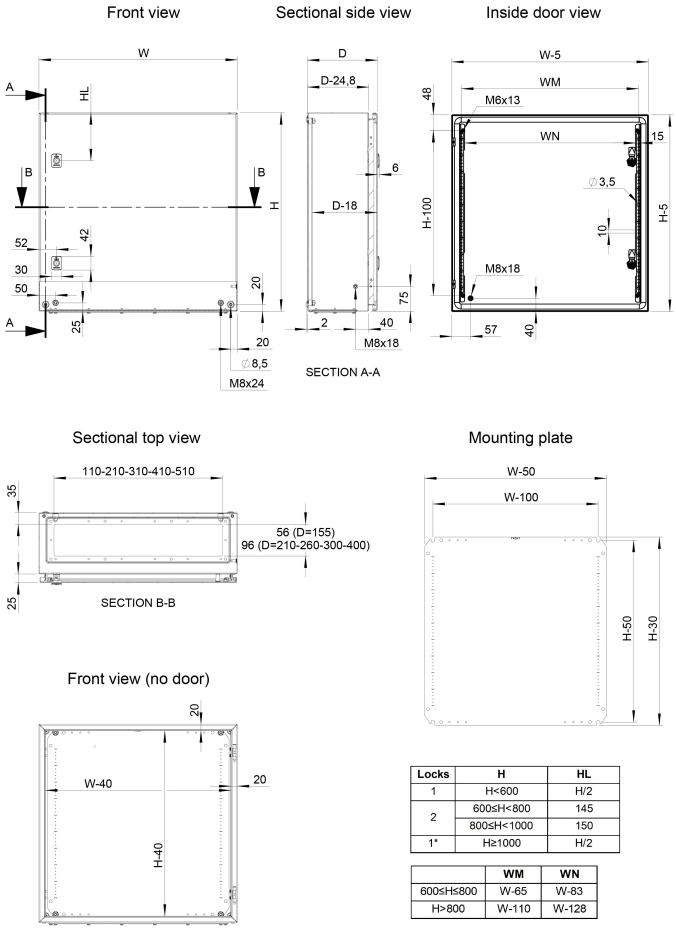
SPECIFICATIONS

Catalog Number	Height (H)	Width (W)	Depth (D)	Mounting Plate Included	Panel Size	Material
MAS0302012R5	300mm	250mm	155mm	Yes	270 x 150mm	Mild Steel

ADDITIONAL PRODUCT DETAILS

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

DIAGRAMS



Locks	H	HL
1	H<600	H/2
2	600≤H<800	145
	800≤H<1000	150
1*	H≥1000	H/2

	WM	WN
600≤H≤800	W-65	W-83
H>800	W-110	W-128

WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at www.nvent.com and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

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