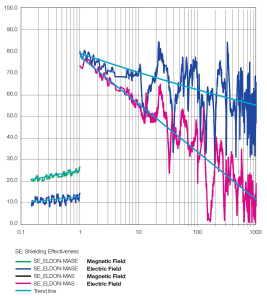
EMC SINGLE DOOR ENCLOSURE, MASE



The galvanised steel single door wall mounted enclosure range, MASE, is designed to meet EMC requirements. An excellent Faraday effect is created, since electrical conductivity between the enclosure body an door is guaranteed. The risk for component failure, and with that unnecessary downtime, is eliminated as electromagnetic interference is avoided and water and dust are prevented from entering the enclosure. This enclosure range is well suited for applications where EMC is required.

INDUSTRY STANDARDS

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IP

FEATURES

Material: Body: 1.2 mm zinc plated steel / 1.5 mm MASE0606021R5 and above. Door: 1.2 mm zinc plated steel / 1.5 mm MASE0606021R5 and above / 2 mm MASE1006030R5 and above. Mounting plate: 2 mm galvanized steel.

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

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

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

Mounting plate: The mounting plate is marked vertically at 10 mm intervals, for easy horizontal positioning of equipment. On the top and bottom are holes to facilitate cable fixing. Fixed on to M8 press welded studs to the rear of the enclosure. All sides from 800 mm and above are strengthened by folded edges. By using the AMG accessory, the mounting plate can be adjusted to any depth.

Gland Plate Opening: No gland plate opening, to ensure maximum EMI protection.

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

Finish: RAL 7035 structured powder coating on the outside only.

Protection: IP 54 | TYPE 12 | IK 10.

Delivery: Zinc plated enclosure body and door, painted on the outside. Door equipped with EMI conductive gasket. Two door mounting profiles, from size MASE0505021R5 and above. Earthing facilities.

Electric conductivity between the enclosure's body and door is guaranteed, which ensures a good Faraday effect is created
Component and equipment failure, and unnecessary downtime is avoided as the components are protected from electromagnetic interferences as well as from water and dust entering the enclosure
Only EMC rated accessories or peripherals that affect the enclosure's external walls should be used, using other accessories or peripherals will downgrade the enclosure's EMC performance

SPECIFICATIONS

Finish: Galvanized
Color: Light Gray
Color Code: RAL 7035
Material: Steel

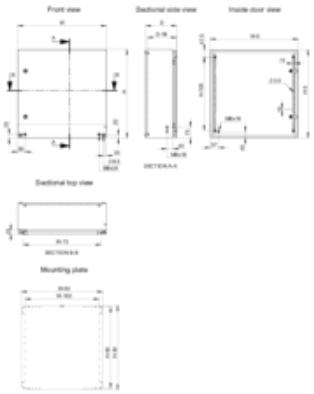
Table 1/1

Catalog Number	Height (H)	Width (W)	Depth (D)	Panel Size	Max Mounting Depth	Latch Quantity
MASE0404021R5	400 mm	400 mm	210 mm	370 x 350 mm	192 mm	1
MASE0406021R5	400 mm	600 mm	210 mm	370 x 550 mm	192 mm	1
MASE1008030R5	1000 mm	800 mm	300 mm	970 x 770 mm	282 mm	1
MASE0606021R5	600 mm	600 mm	210 mm	570 x 550 mm	192 mm	2

ADDITIONAL PRODUCT DETAILS

All the MAS standard sizes are available as an EMC version on request. MASE: From 200/200/155 mm to 1200/800/400 mm. e.g. MASE0606021R5, EMC single door enclosure 600 × 600 × 210 mm. For more details please see MAS table.

DIAGRAMS



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.