

Modular Single Door, MCS

Power Utilities



The mild steel single door modular floor standing enclosure range, MCS, with a IP 55 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 12; File No. E92044

cUL Listed per CSA C22.2 No.0, No.0.4, No.14, No.94; Type 12; File No. E92044

NEMA/EEMAC Type 12

CSA, File No. 1442951: Type 12

IEC 62208 IP55

KEMA, GOST, DNV, CE, EAC

FEATURES

Frame: Seam welded reversed open profiles with 25 mm hole pattern, according to DIN 43660 Including integrated external hole pattern

Door: Mounted with four hinges allowing left or right hand opening; including door frame with 25 mm hole pattern

Rear panel: Fitted by M6 torx screws; standard facilities for rear door mounting

Side Panels supplied as an accessory

Removable roof panel

Lock: Espagnolette 4-point locking system which does not interfere with the enclosure inner space; standard double-bit lock with 3 mm insert

Bottom plate: Consists of three or four (D>600) pieces

Mounting plate: Double folded and slides into position with adjustable depths of 25 mm, with the MPD02 accessory

Earthing/Grounding: All panels are earthed through their fittings and are equipped with a separate earthing stud

Mounting requirements: Standard delivery ready for combined installation; for stand-alone installation add side panels

Delivery: Frame with fitted door, rear panel, roof panel, bottom plates, mounting plate (not included for PER5 version) and door frame; for 400 mm wide enclosures, a mounting plate, bottom plates and door frame are not included; for enclosures 2200 mm height, delivery includes two CMB profiles mounted in depth; delivery also includes earthing bolts

SPECIFICATIONS

Door Thickness: 14 ga
Body Thickness: 16 ga
Color: Light Gray
Finish: Powder Coated
Color Code: RAL 7035

Table 1/1

Catalog Number	Article Number	Height	Width	Depth	Material
MCS18044R5	MCS18044R5	70.87 in	15.75 in	15.75 in	Mild Steel
MCS18045R5	MCS18045R5	70.87 in	15.75 in	19.69 in	Mild Steel
MCS18046R5	MCS18046R5	70.87 in	15.75 in	23.62 in	Mild Steel
MCS18055R5	MCS18055R5	70.87 in	19.69 in	19.69 in	Mild Steel
MCS18064R5	MCS18064R5	70.87 in	23.62 in	15.75 in	Mild Steel
MCS18065R5	MCS18065R5	70.87 in	23.62 in	19.69 in	Mild Steel
MCS18066R5	MCS18066R5	70.87 in	23.62 in	23.62 in	Mild Steel
MCS18084R5	MCS18084R5	70.87 in	31.5 in	15.75 in	Mild Steel
MCS18085R5	MCS18085R5	70.87 in	31.5 in	19.69 in	Mild Steel
MCS18086R5	MCS18086R5	70.87 in	31.5 in	23.62 in	Mild Steel
MCS18104R5	MCS18104R5	70.87 in	39.37 in	15.75 in	Mild Steel
MCS18105R5	MCS18105R5	70.87 in	39.37 in	19.69 in	Mild Steel
MCS18106R5	MCS18106R5	70.87 in	39.37 in	23.62 in	Mild Steel
MCS20044R5	MCS20044R5	78.74 in	15.75 in	15.75 in	Mild Steel
MCS20045R5	MCS20045R5	78.74 in	15.75 in	19.69 in	Mild Steel

Catalog Number	Article Number	Height	Width	Depth	Material
MCS20046R5	MCS20046R5	78.74 in	15.75 in	23.62 in	Mild Steel
MCS20048R5	MCS20048R5	78.74 in	15.75 in	31.5 in	Mild Steel
MCS20055R5	MCS20055R5	78.74 in	19.69 in	19.69 in	Mild Steel
MCS20064R5	MCS20064R5	78.74 in	23.62 in	15.75 in	Mild Steel
MCS20065R5	MCS20065R5	78.74 in	23.62 in	19.69 in	Mild Steel
MCS20066R5	MCS20066R5	78.74 in	23.62 in	23.62 in	Mild Steel
MCS20068R5	MCS20068R5	78.74 in	23.62 in	31.5 in	Mild Steel
MCS20084R5	MCS20084R5	78.74 in	31.5 in	15.75 in	Mild Steel
MCS20085R5	MCS20085R5	78.74 in	31.5 in	19.69 in	Mild Steel
MCS20086R5	MCS20086R5	78.74 in	31.5 in	23.62 in	Mild Steel
MCS20088R5	MCS20088R5	78.74 in	31.5 in	31.5 in	Mild Steel
MCS20104R5	MCS20104R5	78.74 in	39.37 in	15.75 in	Mild Steel
MCS20105R5	MCS20105R5	78.74 in	39.37 in	19.69 in	Mild Steel
MCS20106R5	MCS20106R5	78.74 in	39.37 in	23.62 in	Mild Steel
MCS20108R5	MCS20108R5	78.74 in	39.37 in	31.5 in	Mild Steel
MCS22066R5	MCS22066R5	86.61 in	23.62 in	23.62 in	Mild Steel
MCS22068R5	MCS22068R5	86.61 in	23.62 in	31.5 in	Mild Steel
MCS22086R5	MCS22086R5	86.61 in	31.5 in	23.62 in	Mild Steel

Catalog Number	Article Number	Height	Width	Depth	Material
MCS22088R5	MCS22088R5	86.61 in	31.5 in	31.5 in	Mild Steel

ADDITIONAL PRODUCT DETAILS

Mild steel side panels, SPM, need to be ordered separately, to close individual enclosures and enclosure assembly's, to ensure the stated protection degree is achieved.

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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