We connect and protect

Wall mounted Aluminum Single Door Enclosure, WAS

The aluminium single door wall mounted enclosure range, WAS, with a IP 66 protection degree, is available off the shelf in many different sizes. The risk for component failure, and with that unnecessary downtime, is eliminated as water and dust are prevented from entering the enclosure. The WAS range is ideal for using in zones of exposure to corrosion and adverse ambient conditions.

INDUSTRY STANDARDS

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

cUL Listed per CSA C22.2 No.0, No.0.4, No.14, No.94; Type 4, 4X, 12; File No. E61997

NEMA/EEMAC Type 4, 4X, 12

CSA, File No. 1442951: Type 4, 4X, 12

IEC 62208 IP66

CE, UK CA, UL

FEATURES

Material: Aluminium AlMg3. Body: 2 mm. Door: 2.5 mm. Mounting plate: 2 mm galvanized steel.

Body: Folded and seam welded. Four M8 × 13 studs for bottom profiles / mounting plate fixation.

Door: Surface mounted with 130° opening. Concealed removable hinges with captive pin. Left or right hand opening. Inner M6 welded studs with mounted door profiles MMDP. Sealing is ensured by an injected one piece polyurethane gasket.

Complies with IP 66, TYPE 4X, 12, IK 8

Finish: RAL 7035 structured powder coating 100% polyester.

Approvals: Climatic and Chemically active substances resistance according to EN61969-3 "Mechanical structures for electronic equipment. Outdoor enclosures"

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. Espagnolette four point locking with two double-bit 3 mm locks for 1200 mm high enclosures. Other inserts are available as an accessory.

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.

Earthing: M8x18 mm earthing studs in body and cover, M8 nuts, earthing washers and earthing labels.

Delivery: Enclosure with door and mounting plate, door mounting profiles, plastic double-bit 3 mm key, and mounting accessories. Metallic key, for height 1000 mm and above. Earthing facilities.

Body Thickness: 2mm
Door Thickness: 2.5mm
Material: Aluminium
Color: Light Gray
Finish: Powder Coated
Color Code: RAL 7035

SPECIFICATIONS

Catalog Number	Height	Width	Depth	Number of Locking Devices	Panel Size	Weight
WAS0505021	500mm	500mm	210mm	1	470x450mm	10.5kg
WAS0504021	500mm	400mm	210mm	1	470x350mm	7.9kg
WAS0404021	400mm	400mm	210mm	1	370x350mm	6.5kg
WAS0403015	400mm	300mm	150mm	1	370x250mm	5.3kg
WAS0403021	400mm	300mm	210mm	1	370x250mm	5.5kg
WAS0806030	800mm	600mm	300mm	2	770x550mm	20.4kg
WAS0604021	600mm	400mm	210mm	2	570x350mm	10.3kg
WAS0606021	600mm	600mm	210mm	2	570x550mm	14.4kg
WAS0606030	600mm	600mm	300mm	2	570x550mm	15.6kg
WAS0808030	800mm	800mm	300mm	2	770x750mm	23.7kg
WAS1008030	1000mm	800mm	300mm	2	970x750mm	32.2kg
WAS1208040	1200mm	800mm	400mm	2	1170x750mm	36.7kg

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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