

Enclosure solutions for you.

MultiMount®



Eldon MultiMount[®] mild steel wall mounting enclosures

Technical Information

Sturdy cruciform body folded from a cold pressed sheet steel plate, 1.2 / 1.4 / 1.5mm thickness. The enclosure edge is folded in the shape of a channel to avoid water stagnating on the seal. The door is made out of 1.2 / 1.4 / 1.8mm steel and is fitted with galvanized rails in the door above 500mm, procuring cable tracks, profiles, etc., a cable entry plate and a M8 threaded stud for earthing to base, door and mounting plate.

Cable entry is reached by a maximum gland opening, which is placed in the most far back position of the enclosure frame. To allow for air circulation around the rear and for wall fixing, four 20.4mm diameter x 2mm deep depressions are pressed out with an 8.5mm diameter hole.

All parts are pre-treated with iron phosphate, demineralised and protected with a epoxy-polyester powder paint RAL 7035 with structured finish.

The enclosure consists of two parts: the body and the door. The door is secured by means of

two or three hinges and its angle of opening is at least 130°. The hinges are not visible in closed position and are fitted with a captive hinge pin. The direction of turn of the door is left-right and is reversible. The single doors are closed by one, two or three point locking system, the double doors by means of three point espagnolette system. Double grips on the lock housing makes easy opening of the door possible. The door also has a seamless polyurethane gasket.

Standard closing with a double-bit 3mm insert.

The door opens within the outer dimensions of the enclosure body allowing enclosures to be mounted directly next to each other without door interference.

The mounting plate can be set up and wired outside the enclosure. It is placed subsequently in the enclosure:

- either against the rear wall of the enclosure
- or using a mounting kit, which is adjustable in depth.

Furthermore the mounting plate is equipped with side markings every 10mm for easy mounting

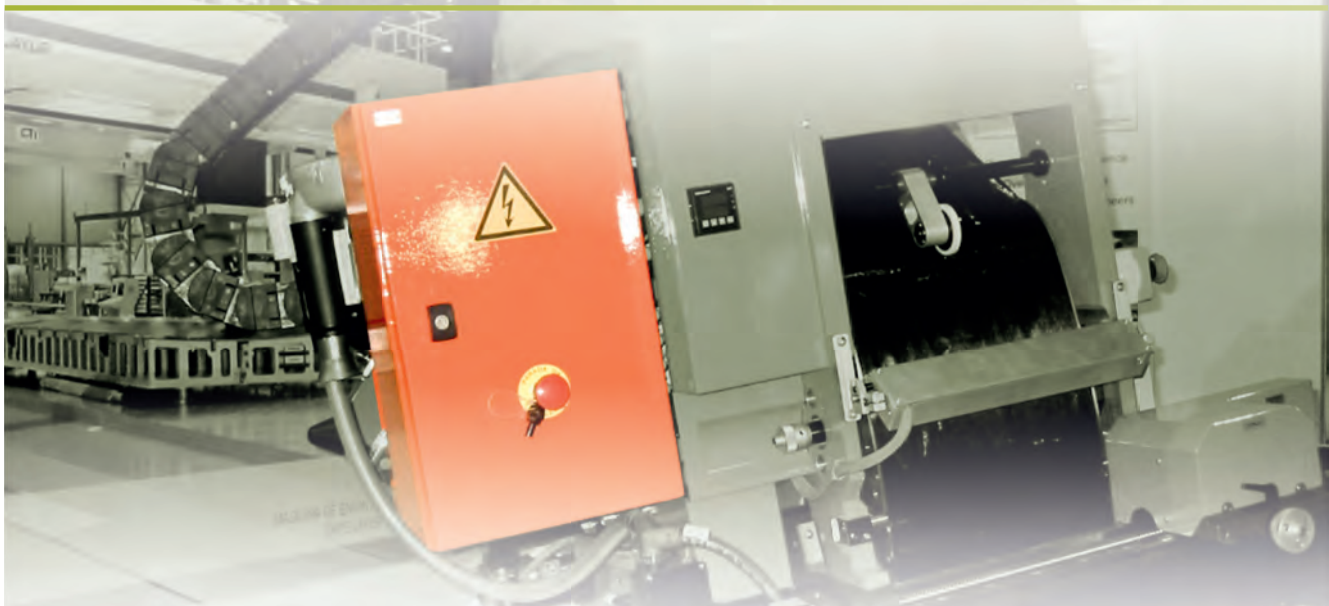
of the equipment on the mounting plate and holes in top and bottom have been applied for cable fixing.

To comply with EMC guidelines, the mounting plate is manufactured from galvanized steel plate 2-2.5mm thick. This plate provides an equipotential mass connection between all devices on the enclosure.

The enclosure offers maximum protection to the user and equipment by a protection degree IP 66 - IK 10 according to IEC 60529 and IEC 50102 (IP 55 - IK 10 for enclosures with double door and enclosures with glazed door). When using an inner door, modular framework or 19" swing frame, protection degree IP20 is guaranteed within the enclosure. Complying with NEMA 4, 12 and 13.

The enclosure is secured to the wall using: bolts, directly through the rear wall and protected inside with plastic washers, or wall mounting brackets at the rear screwed from the enclosure. In both cases the IP / NEMA degrees are guaranteed.

The enclosures have the UL approval, as per UL standard 508A and also comply with the CSA certification mark, as per C22.2 no. 94.



Eldon MultiMount[®] stainless steel wall mounting enclosures

Technical Information

Sturdy cruciform body folded from cold pressed 1/1.5mm pre-grained AISI 304 / AISI 316L stainless steel. The enclosure edge is folded in the shape of a channel to avoid water stagnating on the seal.

The door is made out 1.5/2mm pre-grained AISI 304 / AISI 316L stainless steel with M6 studs allowing mounting of MMDP profiles (accessory) for easy installation of cable tracks, profiles, etc. Body and door are provided with M8 threaded studs for earthing connection.

The enclosure has external a pre-grained finish, which gives the product an aesthetically and highly professional appearance.

Finish of the outer door and body 240s pre grained (average 0.5 microns), which makes it highly suitable for the food industries (HACCP).

The enclosure consists of two parts: the base and the door. The door is secured by means of two or three stainless steel hinges and its angle of opening is at least 130°. The hinges are not visible in closed position and are fitted with a captive hinge pin. The opening direction of the door is left-right and is reversible.

The single doors are closed by one, two or three point locking system, the double doors by means of three point espagnolette system. The door also has a seamless polyurethane gasket.

The chrome plated Eldon customized 3mm double-bit lock with 90-degree movement can be interchanged with other inserts.

The door opens within the outer dimensions of the enclosure body allowing enclosures to be mounted directly next to each other without the door interference.

The mounting plate can be set up and wired outside the enclosure. It is placed subsequently

in the enclosure:

- either against the rear wall of the enclosure
- or using a mounting kit, which is adjustable in depth.

Furthermore the mounting plate is equipped with side markings every 10mm for easy mounting of the equipment on the mounting plate and holes in top and bottom have been applied for cable fixing.

To comply with EMC guidelines, the mounting plate is manufactured from Sendzimir zinc-plated steel plate 2-2.5mm thick. This plate provides an equipotential mass connection between all devices in the enclosure.

The enclosure offers maximum protection to the user and equipment by a protection degree IP 66 - IK 10 as per IEC 60529 and NBN G20- 001 (IP 55 - IK 10 for enclosures with double door and enclosures with glazed door). When using an interior door or modular framework or 19" swing frame, protection degree IP 20 is guaranteed within the enclosure. Complying with NEMA 4x, 12 and 13.

Possibility for integrated sloping and overhanging roof is one of the standard options especially designed for harsh environments.

The enclosures have the UL approval, as per UL standard 508 and also comply with the CSA certification mark, as per C22.2 no. 94.

