

# MAS-PD

Mild steel, single door enclosure | Power Distribution



IP 66 | TYPE 4, 12 | IK 10



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.

**Materiaal:** 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.

**Body:** Folded and seam welded. Four 8.5 mm diameter holes for wall fixing, pressed out in 20.4 mm diameter x 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 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.

**Slot:** Customized lock with double-bit for easy opening of the door. Double-bit 3 mm insert and 90° movement. 1000 mm high enclosures and above have espagnolette three point locking. Other inserts are available as an accessory.

**Beschermingsklasse:** 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.

**Afwerking:** RAL 7035 structured powder coating.

**Levering:** 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.

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Technical drawing of a square frame structure. The overall width is labeled  $W$  and the overall height is labeled  $H$ . The frame consists of four vertical members and four horizontal members. The top horizontal member has a force  $A$  applied to its right side, pointing right. The bottom horizontal member has a force  $A$  applied to its right side, pointing right. The left vertical member has a force  $B$  applied to its left side, pointing down. The right vertical member has a force  $B$  applied to its right side, pointing down. The frame is divided into four quadrants by dashed lines. The bottom-left corner is detailed with dimensions: a horizontal distance of 50 from the left edge to the first vertical member, a vertical distance of 25 from the bottom edge to the first horizontal member, and a horizontal distance of 50 from the left edge to the first vertical member. The bottom-right corner is detailed with dimensions: a horizontal distance of 20 from the right edge to the last vertical member, a vertical distance of 20 from the bottom edge to the last horizontal member, and a horizontal distance of 20 from the right edge to the last vertical member. The bottom-right corner also shows a circular hole with diameter  $\varnothing 8.5$  and a label  $M8 \times 24$ .

Technical drawing of the front view of a rectangular plate. The overall width is labeled  $D$ . The distance from the left edge to the center of the mounting holes is labeled  $D-18$ . The mounting holes are labeled  $M8 \times 18$ . The distance from the bottom edge to the center of the mounting holes is labeled  $40$ . The distance from the right edge to the center of the mounting holes is labeled  $75$ . The plate has a central rectangular cutout.

Technical drawing showing the front view of a rectangular frame. The overall width is dimensioned as 310-510. The overall height is dimensioned as 35. The depth of the frame is dimensioned as 96 (D=210-260-300-400). The section line B-B is indicated at the bottom.

## Exclusief montageplaat

Afmetingen behuizing			Flensplaat				
H	B	D	Afmeting	Type	Openingen	Aantal sloten	Item nr.
600	600	210	510 × 96	4	1	2	MAS0606021PER5
600	600	300	510 × 96	4	1	2	MAS0606030PER5
600	600	400	510 × 96	4	1	2	MAS0606040PER5
600	800	300	310 × 96	2	2	2	MAS0608030PER5
800	600	210	510 × 96	4	1	2	MAS0806021PER5
800	600	260	510 × 96	4	1	2	MAS0806026PER5
800	600	300	510 × 96	4	1	2	MAS0806030PER5
800	600	400	510 × 96	4	1	2	MAS0806040PER5
800	800	210	310 × 96	2	2	2	MAS0808021PER5
800	800	300	310 × 96	2	2	2	MAS0808030PER5
800	800	400	310 × 96	2	2	2	MAS0808040PER5
1000	600	260	510 × 96	4	1	1*	MAS1006026PER5
1000	600	300	510 × 96	4	1	1*	MAS1006030PER5
1000	800	260	310 × 96	2	2	1*	MAS1008026PER5
1000	800	300	310 × 96	2	2	1*	MAS1008030PER5
1000	800	400	310 × 96	2	2	1*	MAS1008040PER5
1200	600	300	510 × 96	4	1	1*	MAS1206030PER5
1200	800	300	310 × 96	2	2	1*	MAS1208030PER5
1200	800	400	310 × 96	2	2	1*	MAS1208040PER5

\* 3 point espagnolette locking.

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