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AX 1116.000

Basic enclosure AX, sheet steel

State: 04/05/2026 (Source: rittal.com/com-en)

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FRIEDHELM LOH GROUP



AX 1116.000 - Basic enclosure AX, sheet steel

The compact enclosure AX with integral enclosure locators in the roof, base and side forms the familiar 25 mm system pitch pattern from the VX25 large enclosure. With this unique, patented system, AX compact enclosures are prepared for all types of configurations and refits. System components and accessories are easily, quickly and securely installed and retrofitted on rails, with no drilling required.



Features

| | |
|----------------|---|
| Model No. | AX 1116.000 |
| Benefits | <p>More interior installation options thanks to integral enclosure locators on a 25 mm system pitch pattern combined with the interior installation rail and our diverse range of system accessories</p> <p>Maintains the protection category (UL approval) by mounting the interior installation rail with no drilling required.</p> <p>Base configuration rail provides additional mounting level and increased load capacity</p> <p>Simple planning and configuration with the Rittal RiPanel configurator</p> |
| Material | <p>Enclosure: Sheet steel</p> <p>Door: Sheet steel, all-round foamed-in PU seal</p> |
| Surface finish | <p>Enclosure and door: Dipcoat primed, powder-coated on the outside, textured paint</p> <p>Mounting plate: Zinc-plated</p> |
| Colour | RAL 7035 |

Features

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|--------------------------------------|--|
| Supply includes | Enclosure with door(s) Gland plate(s) in enclosure base Mounting plate Perforated door strip Lock: 3 mm double-bit |
| Protection category NEMA | NEMA 1 NEMA 12 |
| Protection category to IEC 60 529 | IP 55 |
| Type rating to UL 50E | Type 1 Type 12 |
| IK Code | IK10 |
| Dimensions | Width: 1,200 mm Height: 1,200 mm Depth: 400 mm |
| Material thickness - door | 2 mm |
| Material thickness - enclosure | 1.5 mm |
| Material thickness of mounting plate | 2.5 mm |
| Dimensions mounting plate (W x H) | 1,145 mm x 1,175 mm |
| Number of doors | 2 |
| Interchangeable door hinge | Yes |
| Lock | Lock version: 3-point lock system Number of locks: 1 Lock insert: 3 mm double-bit |
| Gland plate | Size: 7 Qty.: 2 |
| Basic material | Sheet steel |
| Packs of | 1 pc(s). |
| Net weight | 95.5 kg |
| Gross weight | 96 kg |

Features

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|-------------------------------|---|
| PCF per pack (cradle-to-gate) | 307.5 kg CO2 eq (Cat B) |
| Note on PCF category | Category B: PCF value (cradle-to-gate) based on the product weight, approximately calculated and self-declared |
| Customs tariff number | 94032080 |
| ETIM 9 | EC000261 |
| ETIM 8 | EC000261 |
| ECLASS 8.0 | 27180101 |
| Product description | AX Compact enclosure, WHD: 1200x1200x400 mm, sheet steel, with mounting plate, two-door, with 3-point lock system |

Approvals

| | |
|--------------|--|
| Approvals | Bureau Veritas DNV-GL Lloyds Register of Shipping UL + C-UL (listed) |
| Certificates | Protection category |
| Explanations | Manufacturer's declaration Declaration of conformity Declaration of conformity UK PCF-declaration |

Tender text

Enclosure (compact enclosure)

Enclosure with two doors:
Stable sheet steel construction
consisting of body folded from a single piece and welded,
with protection channel all-round door opening,
rear panel with eyelets for wall mounting bracket.

Enclosure base with sheet steel gland plates.

Doors with foamed-in PU seal,
each door with vertical perforated door strip on both sides,
with PE conductor connection,
screw-fastened hinges.

130° opening angle to VDI (may be retrofitted to 180°),
locking rod with double-bit insert to DIN 43668

Mounting plate: With machined keyholes for earthing,
with imprinted scale, attached with ring nuts.

QR code:

QR code printed on body, cover and rating plate
for clear identification and easy retrieval of relevant
product information and documentation,
and for clear traceability of the individual parts.

Accessories: Comfort handle, lock inserts,
wall mounting bracket,
plastic and metal gland plates,
modular cable entry, earth straps,
wiring plan pockets, door stay, viewing window,
operating panels, fan-and-filter units, heaters,
swing frame, protective roof, 180° hinge

Material:

Enclosure, doors: Sheet steel

Mounting plate: Sheet steel, zinc-plated

Enclosure and door surface finish:

Triple surface treatment for optimum protection
against corrosion and resistance to mineral oils,
lubricants, machining emulsions and solvents:

Nanoceramic coating, electrophoretic dipcoat priming

Powder-coated on the outside in textured RAL 7035.

Protection category to IEC 60 529: IP 55

Protection category to UL 508A: Type 12

Dimensions (W x H x D): 1200x1200x400 mm