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AX 1116.000

Basic enclosure AX, sheet steel

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ENCLOSURES

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SOFTWARE & SERVICES

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
Supply includes	<p>Enclosure with door(s)</p> <p>Gland plate(s) in enclosure base</p> <p>Mounting plate</p> <p>Perforated door strip</p> <p>Lock: 3 mm double-bit</p>
Protection category NEMA	<p>NEMA 1</p> <p>NEMA 12</p>
Protection category to IEC 60 529	IP 55
Type rating to UL 50E	<p>Type 1</p> <p>Type 12</p>

Features

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).
Weight/pack	96 kg
Net weight	95.5
Gross weight	96
PCF/PU (Cradle-to-Gate)	307.5 kg CO2 eq (Cat B)
Note on the PCF class	Category B: PCF value (cradle-to-gate) approximated based on product weight and self-declared
Customs tariff number	94032080
EAN	4028177813076
E-Number Sweden	E3465159
ETIM 8	EC000261
ETIM 7.0	EC000261

Features

ECLASS 8.0

27180101

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

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