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AX 1091.000

Basic enclosure AX, sheet steel

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FRIEDHELM LOH GROUP

AX 1091.000 - 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 1091.000
Benefits	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 Maintains the protection category (UL approval) by mounting the interior installation rail with no drilling required. Base configuration rail provides additional mounting level and increased load capacity Simple planning and configuration with the Rittal RiPanel configurator
Material	Enclosure: Sheet steel Door: Sheet steel, all-round foamed-in PU seal
Surface finish	Enclosure and door: Dipcoat primed, powder-coated on the outside, textured paint Mounting plate: Zinc-plated
Colour	RAL 7035

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Features

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 3R NEMA 4 NEMA 12
Protection category to IEC 60 529	IP 66
Type rating to 508A	Type 1 Type 3R Type 4 Type 12
IK Code	IK10
Dimensions	Width: 600 mm Height: 1,000 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)	545 mm x 975 mm
Number of doors	1
Interchangeable door hinge	Yes
Number of locks	2
Lock	Lock version: Cam Number of locks: 2 Lock insert: 3 mm double-bit
Gland plate	Size: 7 Qty.: 1
Basic material	Sheet steel

Features

Packs of	1 pc(s).
Net weight	44.5 kg
Gross weight	45 kg
PCF per pack (cradle-to-gate)	163.84 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: 600x1000x400 mm, sheet steel, with mounting plate, single-door, with two cam locks

Approvals

Approvals	Bureau Veritas DNV Lloyds Register UL + C-UL (listed)
Explanations	Manufacturer's declaration Declaration of conformity Declaration of conformity UK PCF-declaration

Tender text

Enclosure (compact enclosure)

Enclosure with door:
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 plate.
Door with foamed-in PU seal,
vertical perforated door strip on both sides,
with PE conductor connection,
screw-fastened hinges.
Right-hand hinge may be swapped to the left,
130° opening angle to VDI (may be retrofitted to 180°),
two cam locks 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, door: 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 66
Protection category to UL 508A: Type 4
Dimensions (W x H x D): 600x1000x400 mm

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