

Rittal – The System.

Faster – better – everywhere.



AX 1090.000

Compact enclosure AX

State: 14/12/2022 (Source: rittal.com/com-en)

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



AX 1090.000 - Compact enclosure AX Basic enclosure AX, sheet steel

System perfection. The new compact enclosure AX (sheet steel) offers maximum data quality and consistency in engineering, and flexibility and safety in assembly and interior installation.

Features

Model No.	AX 1090.000
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
Supply includes	Enclosure with door(s) Gland plate(s) in enclosure base Mounting plate Perforated door strip Lock: 3 mm double-bit
Standard	NEMA 1, 3R, 4, 12
Protection category to IEC 60 529	IP 66
Type rating to UL 50E	Type 1, 3R, 4, 12
IK Code	IK10
Dimensions	Width: 600 mm Height: 1,000 mm Depth: 250 mm
Material thickness - door	2 mm
Material thickness - enclosure	1.5 mm
Material thickness of mounting plate	2.5 mm

Features

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 locks: 2 Lock insert: 3 mm double-bit
Gland plate	Size: 4 Qty.: 1
Basic material	Sheet steel
Packs of	1 pc(s).
Weight/pack	39.5 kg
Copper weight (kg per piece)	0
Customs tariff number	94032080
EAN	4028177813304
ETIM 7.0	EC000261
ECLASS 8.0	27180101

Approvals

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

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): 600x1000x250 mm