Rittal – The System.

Faster – better – everywhere.



AX 1090.000

Basic enclosure AX, carbon steel

State: 11/1/2026 (Source: www.rittal.com/us-en)

ENCLOSURES | POWER DISTRIBUTION | CLIMATE CONTROL | IT INFRASTRUCTURE | SOFTWARE & SERVICES

FRIEDHELM LOH GROUP

AX 1090.000 - Basic enclosure AX, carbon steel

The AX wall-mounted enclosure with embossed enclosure cams in the roof, base and side replicates the familiar 25 mm system grid from the VX25 large enclosure. Thanks to this unique, patented system, AX wall-mounted control enclosures are prepared for all expansion and retrofit cases. System components and accessories can be installed and retrofitted easily, quickly and safely on rails without drilling.







Features

Model No.	AX 1090.000
Benefits	More interior finishing options thanks to integrated housing cams in the 25 mm system grid in combination with the rail for interior finishing and our wide range of system accessories Maintaining the protection class (UL approval) by mounting the rail for interior installation without drilling Additional mounting level and increased load capacity due to base configuration rail Easy planning and configuration with the Rittal configurator RiPanel
Material	Housing: Carbon steel Door: Carbon steel, all-round foamed-in PU seal
Surface finish	Housing and door: Dipcoat primed, powder-coated on the outside, textured paint Mounting panel: Zinc-plated
Color	RAL 7035

© Rittal 2026

Features

Supply includes	Housing with door(s) Flange (gland) plate(s) in enclosure base Mounting panel Punched door strip Lock: 3 mm double-bit
Protection category NEMA	NEMA 1 NEMA 3R NEMA 4 NEMA 12
Protection category IP to EN 60 529	IP 66
Type rating according to UL 50E	Type 1 Type 3R Type 4 Type 12
IK code	IK10
Dimensions	Width: 600 mm Height: 1,000 mm Depth: 250 mm Width: 23.6 ″ Height: 39.4 ″ Depth: 9.84 ″
Material thickness - door	2 mm 0.08 ″
Material thickness - enclosure	1.5 mm 0.06 ″
Material thickness – mounting plate	2.5 mm 0.1 ″
Dimensions of mounting plate (W x H)	545 mm x 975 mm 21.5 ″ x 38.4 ″
Number of doors	1
Interchangeable door catch	Yes
No. of locks	2

© Rittal 2026

Features

Lock	Lock version: Cam No. of locks: 2 Lock Insert: 3 mm double-bit
Gland plate	Size: 4 Qty.: 1
Base material	Carbon steel
Packaging unit	1 pc(s).
Net weight	38.95 kg
Gross weight	39.5 kg
PCF/VE (cradle-to-gate)	134.82 kg CO2 eq (Cat B)
Information regarding the PCF class	Category B: PCF value (cradle-to-gate) calculated approximately on the basis of the product weight and self-declared
Customs tariff number	94032080
ETIM 9	EC000261
ETIM 8	EC000261
ECLASS 8.0	27180101
Product description	AX wall-mounted enclosure, WHD: 600x1000x250 mm, carbon steel, with mounting panel, 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