

Rittal – The System.

Faster – better – everywhere.



AX 1453.000

AX Fiberglass-Reinforced Polyester Enclosures

State: 9/22/2023 (Source: rittal.com/us-en)

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



AX 1453.000 - AX Fiberglass-Reinforced Polyester Enclosures without viewing window

AX fiberglass-reinforced polyester enclosures are ideal for outdoor applications. Numerous mounting domes in the enclosure provide individual interior configuration options in a 25 mm pitch pattern, e.g. with punched sections and rails.

Features

Model No.	AX 1453.000
Version	without viewing window
Product modification	As of February 2022, the fastening domes for interior installation in the roof and floor area will be omitted for this model. This ensures that there is sufficient space for cable entry or cutouts. The changeover will take place gradually.
Applications	Ambient temperature range: -30 °C...+75 °C The specified temperatures can be limited by the installed equipment
Material	Housing and door: Fiberglass-reinforced unsaturated polyester Door: All-round foamed-in PU seal Mounting plate: Carbon steel Fire protection corresponding to UL 94-V0 Halogen-free
Surface finish	Housing and door: Dyed plastic with no after-treatment Mounting plate: Zinc-plated
Color	Similar to RAL 7035
Supply includes	Housing with hinged door, of all-round solid construction, 3 mm double-bit lock Door catch on right, may be swapped to the left Mounting plate Twin seal on the top and bottom edges of the door as integral rain protection strip
Protection category NEMA	NEMA 1, 3R, 3RX, 4, 4X, 12

Features

Protection category IP to EN 60529	IP 66
Type rating according to UL 50E	Type 1, 3R, 3RX, 4, 4X, 12
Protection category	II (at 1000 V AC)
IK code	IK09
Dimensions	Width: 500 mm Height: 500 mm Depth: 300 mm Width: 19.7 " Height: 19.7 " Depth: 11.8 "
Material thickness – mounting plate	3 mm 0.12 "
Dimensions of mounting plate (W x H)	405 mm x 425 mm 15.9 " x 16.7 "
Door opening angle	130°
No. of locks	2
Note	Interior installation screws are required to secure components inside the enclosure Components in the 25 mm pitch pattern can be secured with the universal bracket, e.g. system chassis
Base material	Plastic
Standards	Meets F1 outdoor rating according to UL 746C
Packaging unit	1 pc(s).
Weight/packaging unit	14.5 kg 32 lb.
Customs tariff number	94037000
EAN	4028177006706
ETIM 7.0	EC000261
ECLASS 8.0	27180101

Approvals

Approvals	GOST Lloyds Register of Shipping UL + C-UL (listed)
Certificates	Negative Certificate Surface finish Protection category
Explanations	Declaration of conformity Declaration of conformity UK
