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AX 1453.000 AX Fiberglass-Reinforced Polyester Enclosures

TI INFRASTRUCTURE SOFTWARE & SERVICES

State: 8/24/2025 (Source: rittal.com/us-en)

POWER DISTRIBUTION >> CLIMATE CONTROL

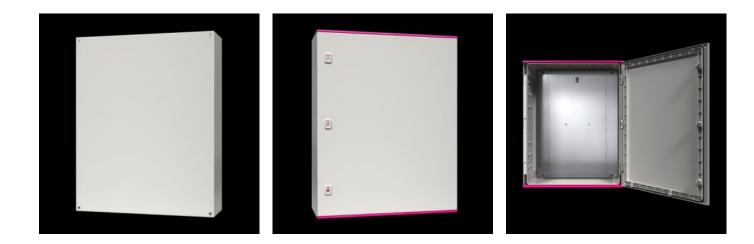
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ENCLOSURES

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

AX plastic housings are ideal for applications in demanding areas. Numerous mounting domes in the enclosure provide individual interior installation options in a 25 mm pitch pattern with chassis and rails, for example.



Features

Model No.	AX 1453.000
Version	without viewing window
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 panel: Zinc-plated
Color	Similar to RAL 7035
Supply includes	Housing with hinged door, of all-round solid construction, 3 mm
	double-bit lock
	Door hinged on the right, may be swapped to the left
	Mounting panel
	Twin seal on the top and bottom edges of the door as integral rain
	protection strip

Features

Note	When used under long-term exposure to UV radiation (sunlight) and rain, we recommend painting the surface with a PUR paint to avoid visual impairment of the surface. Price and lead time on request.
Protection category NEMA	NEMA 1
	NEMA 3R
	NEMA 3RX
	NEMA 4
	NEMA 4X
	NEMA 12
Protection category IP to EN 60 529	IP 66
Type rating according to UL 50E	Туре 1
	Type 3R
	Type 3RX
	Type 4
	Type 4X
	Туре 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	3 mm
plate	0.12 ″
Dimensions of mounting plate (W	405 mm x 425 mm
x H)	15.9 ″ x 16.7 ″
Door opening angle	130°
No. of locks	2
Base material	Plastic
Standards	Meets F1 outdoor rating according to UL 746C

Features

Mounting tip	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
Packaging unit	1 pc(s).
Net weight	13.8
Gross weight	14.48
Customs tariff number	94037000
EAN	4028177006706
E-Number Sweden	E3465350
ETIM 9	EC000261
ETIM 8	EC000261
ECLASS 8.0	27180101

Approvals

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