# Rittal – The System.

Faster – better – everywhere.





# AX 1446.000 Plastic enclosures AX

State: 25/08/2025 (Source: rittal.com/ie-en)

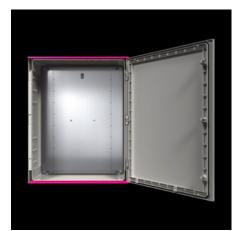


# AX 1446.000 - Plastic enclosures AX without viewing window

AX plastic enclosures are ideal for applications in challenging situations. Numerous mounting bosses inside the enclosure allow individual interior configuration on a 25 mm pitch pattern, e.g. with punched sections and rails.







#### **Features**

Model No.	AX 1446.000
Design	without viewing window
Material	Enclosure and door: Fibreglass-reinforced unsaturated polyester
	Door: All-round foamed-in PU seal
	Mounting plate: Sheet steel
	Fire protection corresponding to UL 94-V0
	Halogen free
Surface finish	Enclosure and door: Dyed plastic with no after-treatment
	Mounting plate: Zinc-plated
Colour	Similar to RAL 7035
Supply includes	Enclosure 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 plate
	Twin seal on the top and bottom edges of the door as integral rain
	protection strip

© Rittal 2025 2

### **Features**

Note	If exposed to long-term UV radiation (sunlight) and rain, we recommend spray-finishing the surface with a PUR paint to avoid any visual impairments to the surface. Prices and delivery times or request.
Protection category NEMA	NEMA 1 NEMA 3R NEMA 3RX NEMA 4 NEMA 4X NEMA 12
Protection category to IEC 60 529	IP 66
Type rating to UL 50E	Type 1 Type 3R Type 3RX Type 4 Type 4X Type 12
Protection class	II (at 1000 V AC)
IK Code	IK09
Dimensions	Width: 400 mm Height: 600 mm Depth: 200 mm
Material thickness of mounting plate	3 mm
Dimensions mounting plate (W x H)	305 mm x 525 mm
Door opening angle	130°
Number of locks	2
Basic material	Plastic
Standards	Meets the F1 outdoor rating to UL 746C
Assembly instruction	Interior installation screws are required to secure components inside the enclosure  Components such as punched sections with mounting flanges may be attached on a 25 mm pitch pattern using the universal bracket

© Rittal 2025 3

#### **Features**

Packs of	1 pc(s).
Net weight	10.5
Gross weight	12.25
Customs tariff number	94037000
EAN	4028177006546
E-Number Sweden	E3465349
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

#### Tender text

Enclosure (Plastic enclosure AX without viewing-window)

Housing with door:

Insulated housing, class II according to VDE 100, part 410 with hinged door, 3 mm double-bit insert.

Body made of one piece of impact resistant, glass fibre reinforced and unsaturated polyester, self-extinguishing

© Rittal 2025

according to UL 94 V-0.

Temperature resistant between -30°C and +75° C

Colour similar to RAL 7035.

Double sealing at upper and lower edge of door as a rain protection strip.

Body encapsulated and with numerous fastening domes for interior fittings.

Doors with circumferential foamed-in PU foam seal, circumferential door reinforcement frame with fastening domes for the door installation.

Door with 130° hinge in stainless steel, door opening

angle 130°, door hinge can be changed from left to right.

Integrated runner on the underside of the door.

Mounting plate: with keyhole for earthing, with dimensional imprint, fastened with Limbach nuts.

QR Code:

Printed QR Code on body, mounting plate, door and typeplate for clear identification and for easy access to relevant product information and documentation, and clear traceability of the individual parts.

Accessories:

Mini comfort handle, locking inserts, universal angle Wall mounting bracket, system punched-sections, mounting brackets, wiring plan pockets, door stay, screws for interior fittings.

Material:

Housing, door: glass fibre reinforced,

unsaturated polyester GRP

Surface finish: not post-treated,

dyed plastic

Mounting plate: sheet steel, galvanised

Fire behaviour Material: according to UL 94 V-0

Approvals and protection classes:

Material approved to UL 746 C

Protection class according to IEC 62 208: IP 66

Impact protection according to IEC 62 262: IK 09

Protection class according to UL 50E: Type 4X

Cabinet approved according to UL 508A

Protective insulation, class II at 1000 V AC

Dimensions (W x H x D): 400x600x200 mm

© Rittal 2025 5