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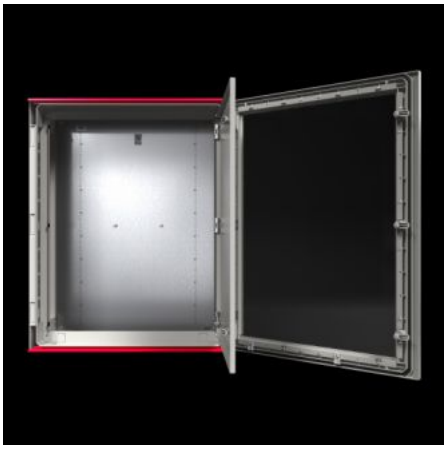
# AX 1448.000

# Plastic enclosures AX

State: 15/11/2026 (Source: www.rittal.com/uk-en)

# AX 1448.000 - Plastic enclosures AX with viewing window

AX plastic enclosures with viewing window 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 1448.000 |
| Design | with viewing window |
| Material | Enclosure and door: Fibreglass-reinforced unsaturated polyester<br>Door: All-round foamed-in PU seal<br>Mounting plate: Sheet steel<br>Viewing window: Polycarbonate<br>Fire protection corresponding to UL 94-V0<br>Halogen free |
| Surface finish | Enclosure and door: Dyed plastic with no after-treatment<br>Mounting plate: Zinc-plated |
| Colour | Similar to RAL 7035 |
| Supply includes | Enclosure with hinged door with viewing window, of all-round solid construction, 3 mm double-bit lock<br>Door hinged on the right, may be swapped to the left<br>Mounting plate<br>Twin seal on the top and bottom edges of the door as integral rain protection strip |

# Features

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| 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 on request. |
| Protection category NEMA | NEMA 1<br>NEMA 3R<br>NEMA 3RX<br>NEMA 4<br>NEMA 4X<br>NEMA 12 |
| Protection category to IEC 60 529 | IP 56 |
| Type rating to 508A | Type 1<br>Type 3R<br>Type 3RX<br>Type 4<br>Type 4X<br>Type 12 |
| Protection class | II (at 1000 V AC) |
| IK Code | IK09 |
| Dimensions | Width: 400 mm<br>Height: 400 mm<br>Depth: 200 mm |
| Material thickness of mounting plate | 2.5 mm |
| Dimensions mounting plate (W x H) | 305 mm x 325 mm |
| Door opening angle | 130° |
| Number of locks | 2 |
| With viewing window | Yes |
| Basic material | Plastic |
| Standards | Meets the F1 outdoor rating to UL 746C |

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# Features

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| Assembly instruction | Interior installation screws are required to secure components inside the enclosure<br>Components such as punched sections with mounting flanges may be attached on a 25 mm pitch pattern using the universal bracket |
| Packs of | 1 pc(s). |
| Net weight | 8.5 kg |
| Gross weight | 8.97 kg |
| Customs tariff number | 94037000 |
| ETIM 9 | EC000261 |
| ETIM 8 | EC000261 |
| ECLASS 8.0 | 27180101 |
| Product description | AX Plastic enclosure, WHD: 400x400x200 mm, with viewing window |

# Approvals

| | |
|---|---|
| Approvals | DNV<br>Lloyds Register<br>UL + C-UL (listed) |
| Certificates | Negative Certificate<br>Surface finish<br>Protection category |
| Explanations | Declaration of conformity<br>Declaration of conformity UK |

# Tender text

Enclosure (Plastic Enclosure AX with viewing window)

Housing with door:
Insulated housing, class II according to VDE 100, part 410
with hinged door with window,

closed all around, 3 mm double-bit insert.
Body made of one piece of impact resistant,
glass fibre reinforced and unsaturated polyester,
self-extinguishing 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 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, as well as 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
Window: Polycarbonate
Mounting plate: sheet steel, galvanised
Fire behaviour of 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 56
Impact protection according to IEC 62 262: IK 09
Protection class according to UL 50E: Type 12

Cabinet approved according to UL 508A
Protective insulation, class II at 1000 V AC
Dimensions (W x H x D): 400x400x200 mm