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## AX 1453.000 Plastic enclosures AX

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# AX 1453.000 - 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 1453.000  |
| Design          | without viewing window   |
| Material        | Enclosure and door: Fibreglass-reinforced unsaturated polyester<br>Door: All-round foamed-in PU seal<br>Mounting plate: Sheet steel<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, 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

|                                      |   |
|--------------------------------------|---|
| 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 66   |
| Type rating to UL 50E                | 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: 500 mm<br>Height: 500 mm<br>Depth: 300 mm  |
| Material thickness of mounting plate | 3 mm  |
| Dimensions mounting plate (W x H)    | 405 mm x 425 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<br>Components such as punched sections with mounting flanges may be attached on a 25 mm pitch pattern using the universal bracket |

# Features

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|                       |   |
|-----------------------|---|
| Packs of              | 1 pc(s).  |
| Net weight            | 13,8 kg   |
| Gross weight          | 14,48 kg  |
| Customs tariff number | 94037000  |
| ETIM 9                | EC000261  |
| ETIM 8                | EC000261  |
| ECLASS 8.0            | 27180101  |
| Product description   | AX Plastic enclosure, WHD: 500x500x300 mm, without viewing window |

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# Approvals

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

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# 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 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): 500x500x300 mm