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AX 1446.000

Plastic enclosures AX

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FRIEDHELM LOH GROUP

AX 1446.000 - Plastic enclosures AX without viewing window

AX plastic enclosures are ideally suited to applications in the outdoor sector. 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
Product modification	From February 2022, the mounting lugs on these items for interior installation in the base section will be eliminated, thereby ensuring plenty of space for cable entry or cut-outs. The changeover will be rolled out gradually.
Applications	Ambient temperature range: -30 °C...+75 °C The specified temperatures may be limited by the installed equipment
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
Standard	NEMA 1, 3R, 3RX, 4, 4X, 12
Protection category to IEC 60 529	IP 66

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Features

Type rating to UL 50E	Type 1, 3R, 3RX, 4, 4X, 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
Note	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
Basic material	Plastic
Standards	Meets the F1 outdoor rating to UL 746C
Packs of	1 pc(s).
Weight/pack	12.3 kg
Copper weight (kg per piece)	0
Customs tariff number	94037000
EAN	4028177006546
ETIM 7.0	EC000261
ECLASS 8.0	27180101

Approvals

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

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): 400x600x200 mm