

Specification Text - Enclosure, Polyester

75 mm x 80 mm x 55 mm ... 405 mm x 400 mm x 120 mm (Hight x Width x Depth)

Specification Text short:

Manufacturer: Weidmüller
Brand: Klippon®
Type: Terminal box, junction box, distribution box
Enclosure range: Klippon POK
Material: Glass fibre-reinforced polyester with admixture of graphite
Lid: 4x captive fixing screws (Cross-Slot), hinge as option
Ambient temperatures: $-55\text{ °C} \leq T_{\text{amb}} \leq +100\text{ °C}$ (IEC60079-7), including aging cycles

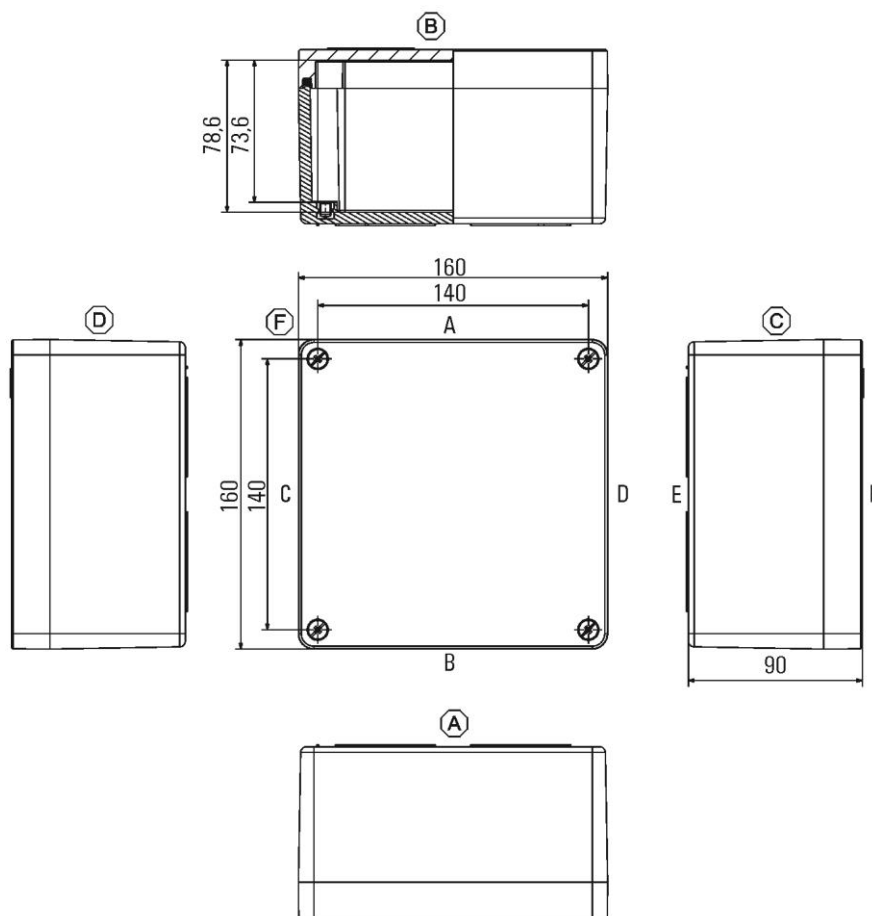
Specification Text long:

Manufacturer: Weidmüller
Brand: Klippon®
Type: Terminal box, junction box, distribution box
Enclosure range: Klippon POK
Description: Klippon POK 161609 Ex
Article number: 1306080000
Material: Glass fibre-reinforced polyester with admixture of graphite
Manufacturing process: Hot pressing technique.
Wall thickness: Enclosure base $\geq 3.5\text{ mm}$, Draft angle 1 to 2 ° / lid 3.5 mm
IP / NEMA Rating: IP66 (EN 62208, DIN EN 60529, IEC 60079-0) / NEMA 4, 4X (UL 50E, CSA C22.2)
Surface: untreated, black
Dimensions (H x W x D): 160 mm x 160 mm x 90 mm
Lid: 4x captive fixing screws (Cross-Slot), hinge as option
Sealing for lid: Single (non-jointed) silicon O-ring with compression control, to prevent damage to the sealing gasket
Earth bolt: Internal: Screw connection / External: As option
Enclosure attachment: 4x captive fixing screws (Cross-Slot)
Ambient temperatures: $-55\text{ °C} \leq T_{\text{amb}} \leq +100\text{ °C}$ (IEC60079-7)
Impact resistance: 7 J (IEC 60079-0), IK 08 (5J) (DIN EN 50102)

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Klippon POK 161609



Options:

Label fixing sets:

Stainless steel V4A / 316L / 1.4404, screwed or fixed by rivets. Punched silicon gasket with compression control for the label and its silicon gasket, to ensure the IP rating.

Mounting plates:

Galvanized sheet steel

Earth bolt:

Internal / external: M10 of stainless steel V4A / 316L / 1.4404 or M10 of brass or M6 of stainless steel V4A / 316L / 1.4404 or M6 of brass

Wall mounting brackets:

Set with 4 external brackets, stainless steel V2A / 304, 1.4301

Assembly of terminals:

All terminal blocks of type Klippon® Connect. All DIN rails vertical mounting, horizontal mounting as option. Terminal marker horizontal. Hazardous areas: All terminals for intrinsically safe circuits are colored blue, for non-intrinsically safe circuits are colored dark beige. On request: Assembly with control stations (switches, push buttons, lights, indicators).

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Certifications: For assembled resp. empty enclosures
ATEX:
II 2G Ex e IIC T6/T5 Gb
II 1G Ex ia IIC T6/T5 Ga
II 2D Ex tb IIIC T85°C ... T100°C Db
IECEX:
Ex e IIC T6/T5 Gb
Ex ia IIC T6/T5 Ga
Ex tb IIIC T85°C ... T100°C Db
KOSHA:
Ex e IIC T6/T5
EAC Ex:
1Ex e IIC T6/T5 Gb
0Ex ia IIC T6/T5 Ga
Ex tb IIIC T85°C ... T100°C Db
Russian Maritime Register of Shipping
Lloyd's Register
cULus
OIT Certification, Russia, Non-Containment, industrial applications

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