

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 °C ≤ Tamb ≤ +100 °C (IEC60079-7), including aging cycles

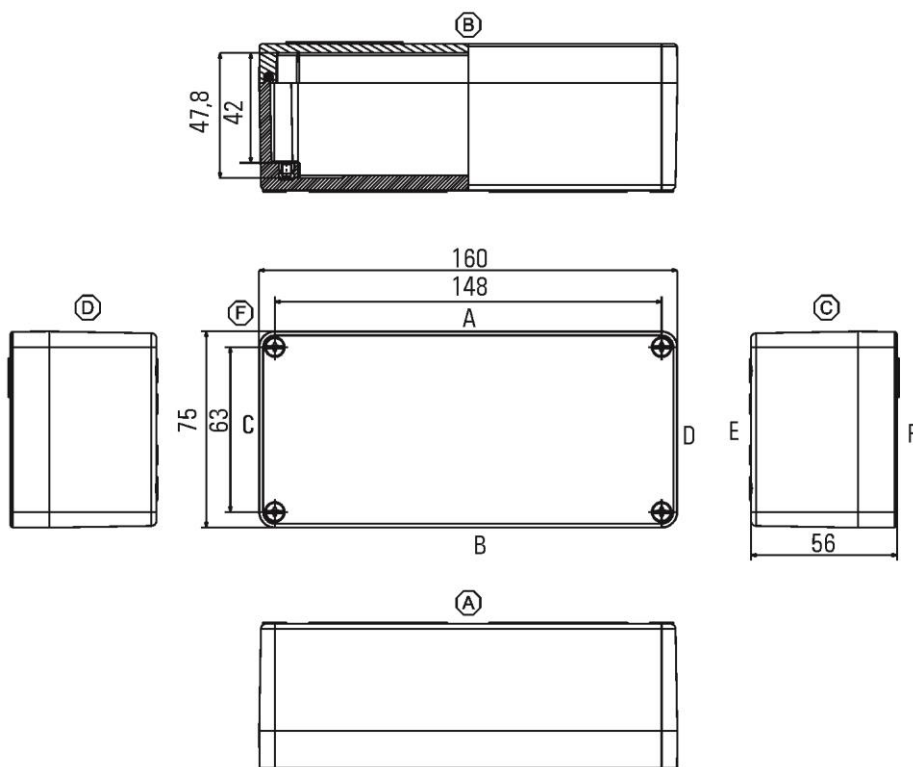
Specification Text long:

Manufacturer:	Weidmüller
Brand:	Klippon®
Type:	Terminal box, junction box, distribution box
Enclosure range:	Klippon POK
Description:	Klippon POK 081606 Ex
Article number:	1306020000
Material:	Glass fibre-reinforced polyester with admixture of graphite
Manufacturing process:	Hot pressing technique.
Wall thickness:	Enclosure base ≥ 3.5 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):	75 mm x 160 mm x 56 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 °C ≤ Tamb ≤ +100 °C (IEC60079-7)
Impact resistance:	7 J (IEC 60079-0), IK 08 (5J) (DIN EN 50102)

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Klippon POK 081606



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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