

Klippon POK (polyester empty enclosure) KLIPPON POK 162609 EX

Weidmüller Interface GmbH & Co. KG
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Klippon® POK – polyester enclosure

The glass-fibre reinforced polyester enclosures of the Klippon® POK range offer a high-quality solution for protecting electrical components. These enclosures are ideal wherever corrosion resistance, shock resistance and a high degree of protection are required.

Features:

- glass-fibre reinforced polyester
- 17 sizes
- Two standard colours: grey (similar to RAL 7001) and black (similar to RAL 9011)
- Cover with stainless steel screws in cross-head / slotted design
- Moulded gasket made of silicone or chloroprene
- Fixing holes outside the sealed area
- Mounting directly in the enclosure or using an internal mounting plate
- Direct wall mounting possible using fixing holes or mounting feet
- Fastening thread to attach mounting rails and plates
- Weidmüller can manufacture and supply this enclosure to match customer specifications - fitted with all necessary terminals and cable glands.

General ordering data

Type	KLIPPON POK 162609 EX
Order No.	1306090000
Version	Klippon POK (polyester empty enclosure), Empty enclosure, Height: 160 mm, Width: 260 mm, Depth: 90 mm, Material: Glass fibre-reinforced polyester, untreated, polished, Black
GTIN (EAN)	4050118108255
Qty.	1 pc(s).
Required tool	9008540000

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Technical data
Dimensions and weights

Width	260 mm	Width (inches)	10.236 inch
Height	160 mm	Height (inches)	6.299 inch
Height of lowest version	90 mm	Depth	90 mm
Depth (inches)	3.543 inch	Mounting dimension - width	240 mm
Mounting dimension - height	110 mm	Net weight	1,767 g

Cable glands, left

M12	11	M16	6
M20	4	M25	2
M32	2	M40	1

Cable glands, right

M12	11	M16	6
M20	4	M25	2
M32	2	M40	1

Cable glands, top/bottom

M12	30	M16	24
M20	14	M25	5
M32	4	M40	3

Certificate numbers enclosure

Certificate no. assembled enclosure (ATEX)	IBExU13ATEX1004 X	Certificate no. empty enclosure (ATEX)	IBExU13ATEX1030 U
Certificate no. assembled enclosure (IECEX)	IECEX IBE 13.0004X	Certificate no. empty enclosure (IECEX)	IECEX IBE 13.0003U
Certificate no., assembled enclosure (EAC)	RU C-DE.ГБ08.B.01328	Certificate no., empty enclosure (EAC)	RU C-DE.ГБ08.B.00472
Certificate no. assembled enclosure (AEx)	E223792	Certificate no. empty enclosure (AEx)	E223792
Certificate no., assembled enclosure (KOSHA)	16-AV4BO-0246X	Certificate No. (MARITREG)	14.40041.250
Certificate no. (cULus)	E256877		

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General information

Areas of use	Explosive risk zone, Harbour facilities, Machine construction, Process industry, Transportation	Installation advice	Direct mounting, Mounting straps
Material thickness	5.99 mm	Material thickness of cover	5 mm
Material thickness of enclosure	5.99 mm	Standards	DIN EN 62208 - Empty enclosure standard, IEC 60079-0, IEC 60079-7, IEC 60079-31
Torque for lid screws	2.5 Nm	UL 94 flammability rating	V-0
Material	Glass fibre-reinforced polyester	Seal material	Silicone
Surface finish	untreated, polished	Operating temperature, min.	-55 °C
Operating temperature, max.	100 °C	Impact resistance	7 J ATEX version
Protection degree	IP66, NEMA 4, NEMA 4x	Enclosure attachment	Installation through the housing rear wall, Fixing lugs
Lid attachment	Slotted/Phillips screws		

General information on accessories

Material	Glass fibre-reinforced polyester	Material thickness	5.99 mm
Mounting dimension - height	110 mm	Mounting dimension - width	240 mm
Surface finish	untreated, polished		

horizontal assembly

WDU 10 / ZDU 10	1x16	WDU 16 / ZDU 16	1x16
WDU 2,5 / ZDU 2,5 / IDU 2,5	1x36	WDU 4 / ZDU 4	1x30
WDU 6 / ZDU 6	1x23		

vertical assembly

WDU 2,5 / ZDU 2,5 / IDU 2,5	*	WDU 4 / ZDU 4	*
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Classifications

ETIM 5.0	EC002503	ETIM 6.0	EC002503
eClass 6.2	27-18-05-02	eClass 7.1	27-18-05-02
eClass 8.1	27-18-05-02	eClass 9.0	27-18-05-02
eClass 9.1	27-18-05-02		

Product information

Descriptive text ordering data	The overview page lists the ambient temperatures.
Descriptive text technical data	The assembly with terminal rails is designed for direct mounting. The assembly with modular terminals gives consideration to a distance of 10 mm from the end of each mounting rail. Order recommendations: TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal) ZDU 2.5 1608510000 *There are no specified mounting options available for vertical mounting in the enclosure.

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Technical data

Approvals

Approvals



ROHS Conform

Downloads

Approval/Certificate/Document of Conformity	Attestation of Conformity - Klippon POK Empty Enclosures - AoC DE PS2600 160308 001ISS01 EU Declaration of Conformity - Klippon POK Empty Enclosures Ex - DoC DE PS2600 160412 001ISS01
Brochure/Catalogue	MB OVERV. PROCESS WD DE MB KLIPPON ENCL.TECN EN MB PROCESS EN CAT 5 ENCL 17/18 EN FL KLIPPON POK EN FL SHIPBUILDING 2016 EN
Engineering Data	EPLAN, WSCAD
Tender specification	Klippon POK 162609 Ex_1306090000_DE Klippon POK 162609 Ex_1306090000_EN
User Documentation	MB KLIPPON ENCL.TECN DE Assembly guidelines - empty enclosures

Data sheet

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Drawings

