

## Klippon POK (polyester empty enclosure) KLIPPON POK 254012 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 254012 EX
Order No.	<a href="#">1306130000</a>
Version	Klippon POK (polyester empty enclosure), Empty enclosure, Height: 250 mm, Width: 400 mm, Depth: 120 mm, Material: Glass fibre-reinforced polyester, untreated, polished, Black
GTIN (EAN)	4050118108392
Qty.	1 pc(s).
Required tool	<a href="#">9008540000</a>

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**Technical data**
**Dimensions and weights**

Width	400 mm	Width (inches)	15.748 inch
Height	250 mm	Height (inches)	9.842 inch
Height of lowest version	120 mm	Depth	120 mm
Depth (inches)	4.724 inch	Mounting dimension - width	380 mm
Mounting dimension - height	200 mm	Net weight	3,771 g

**Cable glands, left**

M12	32	M16	21
M20	15	M25	8
M32	3	M40	3
M50	2		

**Cable glands, right**

M12	32	M16	21
M20	15	M25	8
M32	3	M40	3
M50	2		

**Cable glands, top/bottom**

M12	62	M16	54
M20	33	M25	18
M32	14	M40	6
M50	4		

**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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## Technical data

### 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	200 mm	Mounting dimension - width	380 mm
Surface finish	untreated, polished		

### horizontal assembly

WDU 10 / ZDU 10	2x33	WDU 16 / ZDU 16	2x27
WDU 2,5 / ZDU 2,5 / IDU 2,5	2x67	WDU 4 / ZDU 4	2x55
WDU 6 / ZDU 6	2x41		

### 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	<a href="#">Attestation of Conformity - Klippon POK Empty Enclosures - AoC DE PS2600 160308 001ISS01</a> <a href="#">EU Declaration of Conformity - Klippon POK Empty Enclosures Ex - DoC DE PS2600 160412 001ISS01</a>
Brochure/Catalogue	<a href="#">MB OVERV. PROCESS WD DE</a> <a href="#">MB KLIPPON ENCL.TECN EN</a> <a href="#">MB PROCESS EN</a> <a href="#">CAT 5 ENCL 17/18 EN</a> <a href="#">FL KLIPPON POK EN</a> <a href="#">FL SHIPBUILDING 2016 EN</a>
Engineering Data	<a href="#">EPLAN, WSCAD</a>
Tender specification	<a href="#">Klippon POK 254012 Ex_1306130000_DE</a> <a href="#">Klippon POK 254012 Ex_1306130000_EN</a>
User Documentation	<a href="#">MB KLIPPON ENCL.TECN DE</a> <a href="#">Assembly guidelines - empty enclosures</a>

**Data sheet**

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**Drawings**

