KLIPPON POK3 M20BCSS EX

Weidmüller Interface GmbH & Co. KG
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The Klippon® brand has long stood for competence and quality in housings, particularly when customer solutions for standard industrial applications and applications in explosive risk zones are concerned.
Weidmüller meets these requirements with its range of steel sheet enclosures in the new Klippon® TB series, available in Multi-Hinge (MH) and Quarter-Lock (QL) versions, the Klippon® STB series and the aluminium enclosures of the Klippon® K series.
The portfolio is rounded off with the polyester enclosures of the Klippon® POK series and the polycarbonate enclosures.
Irrespective of which application users are planning, Weidmüller offers numerous precisely fitting housing solutions and individual services: turnkey enclosures with customer-specific configurations such as terminal rails, drilled holes, cable glands, cutouts, special coatings and much more besides.

General ordering data

Type	KLIPPON POK3 M20BCSS EX
Order No.	8000004226
Version	Terminal Box, ATEX II 2GD T85°C Ex e II T6, KLIPPON POK 081606 EX, KL SET KLIPPON POK3BK12, Drill holes side A: 4 x M20x1.5, Drill holes side B: 4 x M20x1.5
GTIN (EAN)	4032248986422
Qty.	1 pc(s).
Reference product	1306020000

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Technical data

Dimensions and weights

Net weight	560 g

Certificate numbers enclosure

Certificate no. assembled enclosure (ATEX)	IBExU13ATEX1004 X	Certificate no. assembled enclosure (IECEx)	IECEx IBE 13.0004X
Certificate no., assembled enclosure (EAC)	RU C-DE.ГБ08.В.01328		

Housing

Drill holes side A	4 x M20x1.5	Drill holes side B	4 x M20x1.5
Material	Glass fibre-reinforced polyester		

Classifications

ETIM 5.0	EC000058	ETIM 6.0	EC002503
eClass 6.2	27-14-91-07	eClass 7.1	27-14-91-07
eClass 8.1	27-14-91-07	eClass 9.0	27-14-44-30
eClass 9.1	27-18-05-90		

Product information

Descriptive text ordering data	Enclosures are delivered in RAL 9011. *DU = feed-through terminals, PE = PE terminals

Approvals

Approvals	EAC

Downloads

Brochure/Catalogue	CAT 5 ENCL 17/18 EN
PDF (3D)	8000004226.pdf

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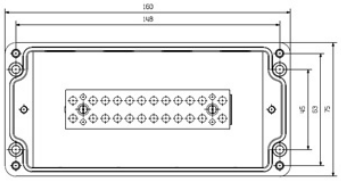
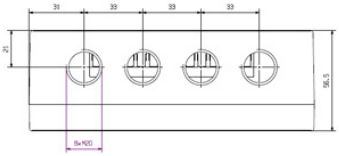
Drawings





Klippon POK (polyester empty enclosure)
KLIPPON POK 081606 EX

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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 081606 EX
Order No.	1306020000
Version	Klippon POK (polyester empty enclosure), Empty enclosure, Height: 75 mm, Width: 160 mm, Depth: 56 mm, Material: Glass fibre-reinforced polyester, untreated, polished, Black
GTIN (EAN)	4050118108446
Qty.	1 pc(s).
Required tool	9008540000

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Technical data

Dimensions and weights

Width	160 mm	Width (inches)	6.299 inch
Height	75 mm	Height (inches)	2.953 inch
Height of lowest version	56 mm	Depth	56 mm
Depth (inches)	2.205 inch	Mounting dimension - width	148 mm
Mounting dimension - height	45 mm	Net weight	436 g

Cable glands, left

M12	1	M16	1
M20	1		

Cable glands, right

M12	1	M16	1
M20	1		

Cable glands, top/bottom

M12	11	M16	5
M20	4	M25	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		

General information

Areas of use	Explosive risk zone, Harbour facilities, Machine construction, Process industry, Transportation	Installation advice	Direct mounting, Mounting straps
Material thickness	4.19 mm	Material thickness of cover	3.5 mm
Material thickness of enclosure	4.19 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	Enclosure attachment	Installation through the housing rear wall, Fixing lugs
Lid attachment	Slotted/Phillips screws		

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Technical data

General information on accessories

Material	Glass fibre-reinforced polyester	Material thickness	4.19 mm
Mounting dimension - height	45 mm	Mounting dimension - width	148 mm
Surface finish	untreated, polished		

horizontal assembly

WDU 2,5 / ZDU 2,5 / IDU 2,5	1x20	WDU 4 / ZDU 4	1x17

vertical assembly

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

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	* Please refer to the Terminal Block catalogue or the SAK Series for more information about assembling the enclosures with terminal blocks. We recommend a maximum of one BK 6, e.g. BK 6 CRN (0625220000), for vertical installation. There are no specified mounting options available for mounting the enclosure in a vertical position.

Approvals

Approvals	
ROHS	Conform

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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
Engineering Data	STEP
Tender specification	Klippon POK 081606 Ex_1306020000_DE Klippon POK 081606 Ex_1306020000_EN
User Documentation	MB KLIPPON ENCL.TECN DE Assembly guidelines - empty enclosures

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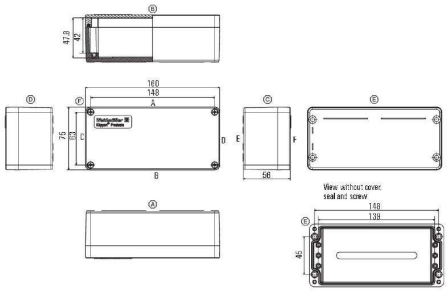
Drawings