

KLIPPON POK 161609 EX

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Similar to illustration



The Klippon® POK enclosure range is made from a high-quality glass fibre reinforced polyester and is ideal for applications and environments where corrosion resistance, impact resistance and a high IP protection class are a requirement.

Key features of the extensive product range:

- Available in 17 sizes
- Two standard finishes (colours): grey (similar to RAL 7001 for industrial use) and black (similar to RAL 9011 for harsh environments, Ex)
- Cover with stainless steel screws in cross-head / slotted design
- Moulded gasket made of silicone or chloroprene
- Fixing holes outside the sealed area to ensure high ingress protection of IP66
- Impact resistance up to 7 Joules
- 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
- Up to E60 fire rating dependent on the configuration
- Weidmüller can manufacture and supply this enclosure to match customer specifications - fitted with all necessary terminals and cable glands.

General ordering data

Version	Klippon POK (polyester empty enclosure), Empty enclosure, Height: 160 mm, Width: 160 mm, Depth: 90 mm, Material: Glass fibre-reinforced polyester, untreated, polished, black
Order No.	1306080000
Type	KLIPPON POK 161609 EX
GTIN (EAN)	4050118108477
Qty.	1 pc(s).
Required tool	9008540000

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Technical data

Dimensions and weights

Depth	90 mm	Depth (inches)	3.543 inch
Height	160 mm	Height (inches)	6.299 inch
Height of lowest version	90 mm	Width	160 mm
Width (inches)	6.299 inch	Mounting dimension - height	110 mm
Mounting dimension - width	140 mm	Net weight	1,313 g

Temperatures

Operating temperature	-55 °C...100 °C
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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	15	M16	12
M20	6	M25	3
M32	2	M40	2

Certificate numbers enclosure

Approval conditions	ATEX, DNV, EAC, IECEx, LR, RMRS, UL AEx Class Div., UL AEx Class Zone, cULus, KC, CCC	Attestation of Conformity No. (AoC)	DE PS2600 160308 001ISS01
Certificate No. (ATEX)	IBEXU13ATEX1003U	Certificate No. (DNVGL)	TAE00002R2
Certificate No. (EAC)	C-DE.HB07.B.00089-20	Certificate No. (GERMLLOYD)	TAE00002R2
Certificate No. (IECEx)	IECEXIBE13.0003U	Certificate No. (LLOYDSREG)	14_20001
Certificate No. (MARITREG)	19.00109.272	Certificate no. (cULus)	E256877
Certificate no. Terminal Box (AEx)	E223792	Certificate no. Terminal Box (ATEX)	IBEXU13ATEX1004 X
Certificate no. Terminal Box (EAC)	C-DE.HB07.B.00089/20 Ex Terminal Box; C-DE.A154.B.00251/19 Ind. Terminal Box	Certificate no. Terminal Box (IECEx)	IECEX IBE 13.0004X
Certificate no. Terminal Box (INMETRO)	LMP 21.0021X	Certificate no. Terminal Box (KOSHA)	16-AV4BO-0246X
Certificate no. empty enclosure (AEx)	E223792	Certificate no. empty enclosure (ATEX)	IBEXU13ATEX1003 U
Certificate no. empty enclosure (IECEx)	IECEX IBE 13.0003U	Certificate no., empty enclosure (EAC)	C-DE.HB07.B.00089/20
Declaration of Conformity No. (DoC LVD)	DE_PS2600_160412_001ISS01		

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Technical data

General information

Access opening: height	148.02 mm	Access opening: width	148.02 mm
Areas of use	Explosive risk zone, Harbour facilities, Machine construction, Process industry, Transportation	Enclosure attachment	Installation through the housing rear wall, Fixing lugs
Flange plate	No	Halogen	No
Impact resistance	7 J ATEX version	Lid	Yes
Lid attachment	Slotted/Phillips screws	Material	Glass fibre-reinforced polyester
Material thickness of cover	5.4 mm	Material thickness of enclosure	5.99 mm
Number of lid screws	4	Operating temperature, max.	100 °C
Operating temperature, min.	-55 °C	Protection class (UL)	Type 4, Type 4x
Protection degree	IP66	Seal material	Silicone
Standards	DIN EN 62208 - Empty enclosure standard, IEC 60079-0, IEC 60079-7, IEC 60079-31	Surface finish	untreated, polished
Torque for lid screws	2.5 Nm	UL 94 flammability rating	V-0

horizontal assembly

WDU 10 / ZDU 10	1x9	WDU 16 / ZDU 16	1x7
WDU 2,5 / ZDU 2,5 / IDU 2,5	1x17	WDU 4 / ZDU 4	1x14
WDU 6 / ZDU 6	1x11		

vertical assembly

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

ETIM 6.0	EC002503	ETIM 7.0	EC002503
ETIM 8.0	EC002503	ECLASS 9.0	27-18-05-02
ECLASS 9.1	27-18-05-02	ECLASS 10.0	27-18-05-02
ECLASS 11.0	27-18-05-02		

Approvals

Approvals



ROHS	Conform
UL File Number Search	E256877

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Technical data

Downloads

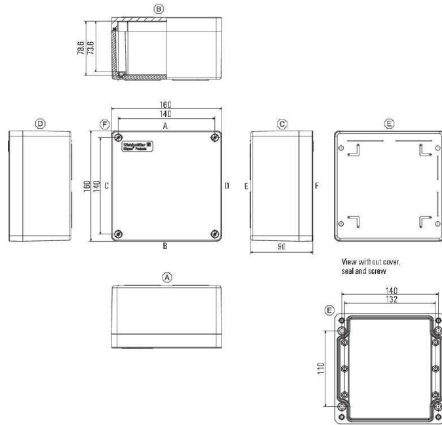
Approval/Certificate/Document of Conformity	C-DE.HB07.B.00089-Empty Enclosures and Ex. Terminal Box CCC 2020322303002628 POK Assembly Enclosure Attestation of Conformity - Klippon POK Empty Enclosures - AoC DE PS2600 160308 001ISS03 RUC-DE.BE02.B.00173 14_20001 TAE00002R2 IECEXIBE13.0004X 16-AV4BO-246X 19.00109.272 IBEXU13ATEX1003U IBEXU13ATEX1004X IECEXIBE13.0003U INMETRO CERTIFICADO LMP 21.0021X KLIPPON POK EU Declaration of Conformity - Klippon POK Empty Enclosures Ex - DoC DE PS2600 160412 001ISS02
Engineering Data	CAD data – STEP
Engineering Data	EPLAN, WSCAD
Tender specification	Klippon POK 161609 Ex_1306080000_DE Klippon POK 161609 Ex_1306080000_EN
User Documentation	Assembly guidelines - empty enclosures
Catalogues	Catalogues in PDF-format
Brochures	MB OVERV. PROCESS WD DE MB KLIPPON ENCL.TECN EN MB PROCESS EN FL KLIPPON POK EN FL SHIPBUILDING 2016 EN FL SHIPBUILDING 2016 EN

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Drawings



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Accessories

Depth 7.5 mm



The system accessories for the Klippon® K enclosure series allows you to easily adapt the enclosures to meet the specific requirements of every application.

- DIN Rails TS 35 and TS 15
- Mounting plates
- Hinges
- Wall-mounted holder

General ordering data

Type	TS35X7.5 ST K52	Version
Order No.	8000003908	Rail, TS 35, TS 35 x 7.5, Width: 140 mm, without slot, Steel, galvanic
GTIN (EAN)	4050118652659	zinc plated and passivated
Qty.	20 pc(s).	

Earthing stud



Earthing bolts to exchange as a complete component in two versions – brass and stainless steel.

General ordering data

Type	PEBZ M10 S4 SET	Version
Order No.	1283440000	Klippon POK (polyester empty enclosure), Earthing stud,
GTIN (EAN)	4050118073362	Miscellaneous, Material: Stainless steel 1.4404 (316L)
Qty.	1 pc(s).	
Type	PEBZ M6 BR SET	Version
Order No.	1277250000	Klippon POK (polyester empty enclosure), Earthing stud,
GTIN (EAN)	4050118067149	Miscellaneous, Material: Brass
Qty.	1 pc(s).	
Type	PEBZ M10 BR SET	Version
Order No.	1277220000	Klippon POK (polyester empty enclosure), Earthing stud,
GTIN (EAN)	4050118067019	Miscellaneous, Material: Brass
Qty.	1 pc(s).	
Type	PEBZ M6 S4 SET	Version
Order No.	1283430000	Klippon POK (polyester empty enclosure), Earthing stud,
GTIN (EAN)	4050118073607	Miscellaneous, Material: Stainless steel 1.4404 (316L)
Qty.	1 pc(s).	

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Accessories
Klippon® POK earthing plates


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- Up to E60 fire rating dependent on the configuration
- Weidmüller can manufacture and supply this enclosure to match customer specifications - fitted with all necessary terminals and cable glands.

General ordering data

Type	KLIPPON COPL 161609	Version	
Order No.	1390990000	Klippon POK (polyester empty enclosure), Earthing plate, Height: 60.5	
GTIN (EAN)	4050118191097	mm, Width: 239 mm, Material: Brass, polished, untreated	
Qty.	1 pc(s).		

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Accessories

Depth 15 mm



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- Up to E60 fire rating dependent on the configuration
-
- Weidmüller can manufacture and supply this enclosure to match customer specifications - fitted with all necessary terminals and cable glands.

General ordering data

Type	TS35X15 ST POK 1616	Version	
Order No.	8000073210		Rail, TS 35, TS 35 x 15, Steel, galvanic zinc plated and passivated
GTIN (EAN)	4064675356578		
Qty.	20 pc(s).		

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Accessories

Klippon® POK standard mounting plates



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General ordering data

Type	POK MOPL 1616	Version
Order No.	9510610000	Klippon POK (polyester empty enclosure), Mounting plate, Height:
GTIN (EAN)	4008190498245	143 mm, Width: 145 mm, Depth: 1.5 mm, Material: Sheet steel,
Qty.	1 pc(s).	galvanized, Miscellaneous, silver

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Accessories

Klippon® POK mounting plates in combination with earthing plates



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- Fastening thread to attach mounting rails and plates
- Up to E60 fire rating dependent on the configuration
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General ordering data

Type	POK MOPL 1616 MINI	Version
Order No.	1534360000	Klippon POK (polyester empty enclosure), Mounting plate, Height:
GTIN (EAN)	4050118338119	113 mm, Width: 142.5 mm, Depth: 1.5 mm, Material: Sheet steel,
Qty.	1 pc(s).	galvanized, galvanized, silver

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Accessories

Klippon® POK installation material



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General ordering data

Type	SD FIXING SET POK	Version
Order No.	1463490000	Klippon POK (polyester empty enclosure), Identification plate fixing set, Material: Stainless steel 1.4305 (303)
GTIN (EAN)	4050118299878	
Qty.	1 pc(s).	
Type	TPSD FIXING SET POK	Version
Order No.	1435840000	Klippon POK (polyester empty enclosure), Type plate fixings set, Material: Stainless steel, rust-proof, untreated
GTIN (EAN)	4050118240771	
Qty.	1 pc(s).	

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Accessories

Klippon® POK mounting feet



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General ordering data

Type	MF POK BIG	Version
Order No.	9510910000	Klippon POK (polyester empty enclosure), Mounting foot, Fixing lugs,
GTIN (EAN)	4032248009756	Material: Stainless steel 1.4301, Miscellaneous
Qty.	1 pc(s).	

Spacer



Integrate, expand and customise: The ideal expansion for every application

The consistent structure of accessories for the Klippon® EBi enclosure range means that you can easily adapt the enclosure to the specific requirements of each application.

General ordering data

Type	SP M6 20 MSZN	Version
Order No.	3896200000	Klippon EBi (Essential Box industrial), Spacer, Height: 20 mm,
GTIN (EAN)	4008190850234	Material: Steel, silver
Qty.	2 pc(s).	

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Accessories

Type	SP M6 15 MSZN	Version
Order No.	3896100000	Klippon EBi (Essential Box industrial), Spacer, Height: 15 mm,
GTIN (EAN)	4008190857851	Material: Steel, silver
Qty.	1 pc(s).	
Type	SP M6 30 MSZN	Version
Order No.	3896300000	Klippon EBi (Essential Box industrial), Spacer, Height: 30 mm,
GTIN (EAN)	4008190850241	Material: Steel, silver
Qty.	2 pc(s).	

Spacer



Integrate, expand and customise: The ideal expansion for every application

The consistent structure of accessories for the new Klippon® TB enclosure range means that you can easily adapt the enclosure to the specific requirements of each application.

Spacer

Stainless steel spacers in four lengths to increase the distance between the mounting rails or DIN rails and the rear wall of the enclosure.

General ordering data

Type	SP M6 15 S2	Version
Order No.	0935120000	Klippon TB (Terminal Box), Spacer, Material: Stainless steel 1.4305
GTIN (EAN)	4032248699056	(303)
Qty.	4 pc(s).	
Type	SP M6 20 S2	Version
Order No.	0935130000	Klippon TB (Terminal Box), Spacer, Material: Stainless steel 1.4305
GTIN (EAN)	4032248699001	(303)
Qty.	4 pc(s).	
Type	SP M6 10 S2	Version
Order No.	0935110000	Klippon TB (Terminal Box), Spacer, Material: Stainless steel 1.4305
GTIN (EAN)	4032248699049	(303)
Qty.	4 pc(s).	
Type	SP M6 30 S2	Version
Order No.	0935140000	Klippon TB (Terminal Box), Spacer, Material: Stainless steel 1.4305
GTIN (EAN)	4032248699117	(303)
Qty.	4 pc(s).	

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Accessories**Screws**

Depending on the terminal block or also accessories, we offer different types of screws as additional items or also spare parts.

General ordering data

Type	FKSC M5X8 D9/SW2.5	Version
Order No.	0295900000	SAK Series, Allen hex screw, Screws, Number of poles: 1
GTIN (EAN)	4008190133337	
Qty.	50 pc(s).	

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