

KLIPPON POK 121209 EX

Weidmüller Interface GmbH & Co. KG

Klingenbergsstraße 26
D-32758 Detmold
Germany

www.weidmueller.com



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: 120 mm, Width: 122 mm, Depth: 90 mm, Basic material: Glass fibre-reinforced polyester, untreated, polished, black
Order No.	1306050000
Type	KLIPPON POK 121209 EX
GTIN (EAN)	4050118108378
Qty.	1 items

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Technical data

Approvals

Approvals



RoHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E256877

Dimensions and weights

Depth	90 mm	Depth (inches)	3.5433 inch
Height	120 mm	Height (inches)	4.7244 inch
Height of lowest version	90 mm	Width	122 mm
Width (inches)	4.8031 inch	Mounting dimension - height	82 mm
Mounting dimension - width	106 mm	Net weight	769 g

Temperatures

Operating temperature	-55 °C...100 °C
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Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	afb385d0-c52b-4449-8502-203596817ab0

Cable glands, left

M12	8	M16	4
M32	1	M25	1
M20	3		

Cable glands, right

M25	1	M16	4
M32	1	M20	3
M12	8		

Cable glands, top/bottom

M20	4	M12	12
M32	1	M25	2
M16	6		

Certificate numbers enclosure

Declaration of Conformatiy No. (DoC LVD)	DE PS2600 160412 001SS02	Attestation of Conformatiy No. (AoC)	DE PS2600 160308 001SS03
Certificate no. Terminal Box (KOSHA)	16-AV4BO-0246X	Certificate no. empty enclosure (INMETRO)	LMP 23.0528U

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Technical data

Certificate No. (DNV)	TAE00002R2	Certificate no. Terminal Box (AEx)	E223792
Certificate no. Terminal Box (ATEX)	IBExU13ATEX1004 X	Certificate no. empty enclosure (ATEX)	IBExU13ATEX1003 U
Certificate no. Terminal Box (INMETRO)	LMP 21.0021X	Certificate no. Terminal Box (IECEx)	IECEx IBE 13.0004X
Certificate no. empty enclosure (IECEx)	IECEx IBE 13.0003U	Certificate No. (IECEx)	IECEx IBE 13.0004X
Certificate No. (ATEX)	IBEXU13ATEX1003U	Certificate no. empty enclosure (AEx)	E223792
Approval conditions	ATEX, DNV, IECEx, LR, RMRS, UL AEx Class Div., UL AEx Class Zone, cULus, KC, CCC, INMETRO	Certificate no. (cULus)	E256877

General information

Material thickness of cover	4.4 mm	Material thickness of enclosure	4.39 mm
Operating temperature, max.	100 °C	Operating temperature, min.	-55 °C
UL 94 flammability rating	V-0	Lid attachment	Slotted/Phillips screws
Standards	DIN EN 62208 - Empty enclosure standard, IEC 60079-0, IEC 60079-7, IEC 60079-31	Surface finish	untreated, polished
Impact resistance	7 J ATEX version	Protection degree	IP66
Basic material	Glass fibre-reinforced polyester	Seal material	Silicone
Torque for lid screws	2.5 Nm	Enclosure attachment	Installation through the housing rear wall, Fixing lugs
Protection class (UL)	Type 4, Type 4X	Number of lid screws	4
Access opening: width	113.22 mm	Required tool	SDK PZ2
Flange plate	No	Lid	Yes
Access opening: height	111.22 mm	Areas of use	Explosive risk zone, Harbour facilities, Machine construction, Process industry, Transportation

horizontal assembly

WDU 10 / ZDU 10	1x6	WDU 16 / ZDU 16	1x5
WDU 2,5 / ZDU 2,5 / IDU 2,5	1x12	WDU 4 / ZDU 4	1x10
WDU 6 / ZDU 6	1x7		

vertical assembly

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

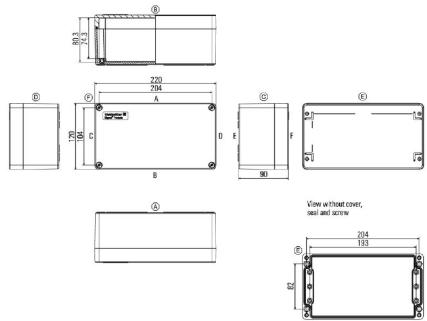
ETIM 8.0	EC002503	ETIM 9.0	EC002503
ETIM 10.0	EC002503	ECLASS 14.0	27-18-05-02
ECLASS 15.0	27-18-05-02		

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Drawings



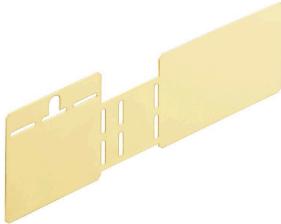
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Accessories

Klippon® POK earthing plates



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.

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General ordering data

Type	KLIPPON COPL 121209	Version
Order No.	1390970000	Klippon POK (polyester empty enclosure), Earthing plate,
GTIN (EAN)	4050118191127	Miscellaneous, Height: 57.5 mm, Width: 177 mm, Depth: 0.8 mm,
Qty.	5 ST	Basic material: Brass, polished, untreated

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Accessories

Klippon® POK installation material



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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	TPSD FIXING SET POK	Version
Order No.	1435840000	Klippon POK (polyester empty enclosure), Type plate fixings set,
GTIN (EAN)	4050118240771	Height: 12 mm, Width: 12 mm, Depth: 15.06 mm, Basic material:
Qty.	1 ST	Stainless steel, rust-proof, untreated
Type	SD FIXING SET POK	Version
Order No.	1463490000	Klippon POK (polyester empty enclosure), Identification plate fixing
GTIN (EAN)	4050118299878	set, Height: 12 mm, Width: 12 mm, Depth: 16.4 mm, Basic material:
Qty.	1 ST	Stainless steel 1.4305 (303), untreated

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Accessories

Klippon® POK standard mounting plates



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- Impact resistance up to 7 Joules
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- 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

Type	POK MOPL 1212	Version
Order No.	9510590000	Klippon POK (polyester empty enclosure), Mounting plate, Height:
GTIN (EAN)	4008190498221	107 mm, Width: 109 mm, Depth: 1.5 mm, Basic material: Sheet
Qty.	1 ST	steel, galvanized, Miscellaneous, silver

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Accessories

Klippon® POK mounting plates in combination with earthing plates

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- 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

Type	POK MOPL 1212 MINI	Version
Order No.	1534340000	Klippon POK (polyester empty enclosure), Mounting plate, Height:
GTIN (EAN)	4050118338218	77 mm, Width: 109 mm, Depth: 1.5 mm, Basic material: Sheet steel,
Qty.	1 ST	galvanized, galvanized, silver

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Accessories

TS 15



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- Up to E60 fire rating dependent on the configuration
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General ordering data

Type	TS15X5 ST POK 0811	Version
Order No.	8000003890	Rail, TS 15, Width: 98 mm, without slot, Steel, galvanic zinc plated
GTIN (EAN)	4050118652550	and passivated
Qty.	20 ST	

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Accessories

Klippon® POK earthing stud



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- Impact resistance up to 7 Joules
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- 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

Type	PEBZ M10 BR SET	Version
Order No.	1277220000	Klippon POK (polyester empty enclosure), Earthing stud,
GTIN (EAN)	4050118067019	Miscellaneous, Height: 21 mm, Width: 21 mm, Depth: 48.7 mm,
Qty.	1 ST	Basic material: Brass

Earthing stud

Accessories



General ordering data

Type	PEBZ M10 S4 SET	Version
Order No.	1283440000	Klippon POK (polyester empty enclosure), Earthing stud,
GTIN (EAN)	4050118073362	Miscellaneous, Height: 21 mm, Width: 21 mm, Depth: 48.7 mm,
Qty.	1 ST	Basic material: Stainless steel 1.4404 (316L)

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Accessories

Klippon® POK earthing stud



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- 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

Type	PEBZ M6 BR SET	Version
Order No.	1277250000	Klippon POK (polyester empty enclosure), Earthing stud,
GTIN (EAN)	4050118067149	Miscellaneous, Height: 12.3 mm, Width: 12.3 mm, Depth: 42 mm,
Qty.	1 ST	Basic material: Brass

Earthing stud



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

General ordering data

Type	PEBZ M6 S4 SET	Version
Order No.	1283430000	Klippon POK (polyester empty enclosure), Earthing stud,
GTIN (EAN)	4050118073607	Miscellaneous, Height: 12.3 mm, Width: 12.3 mm, Depth: 42 mm,
Qty.	1 ST	Basic material: Stainless steel 1.4404 (316L)

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Accessories

Spacer



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

General ordering data

Type	SP M6 15 MSZN	Version
Order No.	3896100000	Klippon EB (Essential Box), Spacer, Height: 11.2 mm, Width: 10 mm,
GTIN (EAN)	4008190857851	Depth: 15 mm, Basic material: Steel, silver
Qty.	2 ST	
Type	SP M6 20 MSZN	Version
Order No.	3896200000	Klippon EB (Essential Box), Spacer, Height: 11.2 mm, Width: 10 mm,
GTIN (EAN)	4008190850234	Depth: 20 mm, Basic material: Steel, silver
Qty.	2 ST	
Type	SP M6 30 MSZN	Version
Order No.	3896300000	Klippon EB (Essential Box), Spacer, Height: 11.2 mm, Width: 10 mm,
GTIN (EAN)	4008190850241	Depth: 30 mm, Basic material: Steel, silver
Qty.	2 ST	
Type	SP M6 15 S2	Version
Order No.	0935120000	Klippon TB (Terminal Box), Spacer, Height: 11.2 mm, Width: 10 mm,
GTIN (EAN)	4032248699056	Depth: 15 mm, Basic material: Stainless steel 1.4305 (303), silver
Qty.	4 ST	
Type	SP M6 10 S2	Version
Order No.	0935110000	Klippon TB (Terminal Box), Spacer, Height: 11.2 mm, Width: 10 mm,
GTIN (EAN)	4032248699049	Depth: 10 mm, Basic material: Stainless steel 1.4305 (303), silver
Qty.	4 ST	
Type	SP M6 20 S2	Version
Order No.	0935130000	Klippon TB (Terminal Box), Spacer, Height: 11.2 mm, Width: 10 mm,
GTIN (EAN)	4032248699001	Depth: 20 mm, Basic material: Stainless steel 1.4305 (303), silver
Qty.	4 ST	
Type	SP M6 30 S2	Version
Order No.	0935140000	Klippon TB (Terminal Box), Spacer, Height: 11.2 mm, Width: 10 mm,
GTIN (EAN)	4032248699117	Depth: 30 mm, Basic material: Stainless steel 1.4305 (303), silver
Qty.	4 ST	

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Accessories

Installation material



Integrate, expand and customise - the perfect supplement to every application

The fully structured range of system accessories for the new Klippon® TB enclosure series allows you to easily adapt the enclosures to meet the specific requirements of every application.

Mounting hardware kits

Mounting hardware kits are available for quick and easy installation of type label holders, document holders and rain hoods.

The label fastening set – SD is required to install a plastic (Trafolyte) ID or type label. With the aid of this set can you mount the ID or type label directly on the enclosure cover. The label fastening set has been specially developed for this purpose. Only by using this fastening set can you ensure that there will be no leaks into the enclosure or damage to the label.

The universal fastening set – TPSD has been developed to enable secure and quick installation of type label holders, rain covers or document holders, for example. By using this fastening set, the risk of leaks can be minimised, if not avoided.

General ordering data

Type	FKSC M6X8 D9/SW3	Version
Order No.	0642600000	Klippon TB (Terminal Box), Mounting screw, Basic material: Steel
GTIN (EAN)	4008190058258	
Qty.	50 ST	

Mounting support



We offer a broad portfolio of mounting support for easy handling and supplementation of our products. From various tools to insulating sleeves and various screws, our components are matched to each other down to the last detail and thus facilitate assembly in compliance with the respective standards and protective regulations.

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 ST	

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Depth 15 mm



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General ordering data

Type	TS35X15 ST POK 1212	Version
Order No.	8000073208	Rail, TS 35, TS 35 x 15, with slot, Steel, galvanic zinc plated and
GTIN (EAN)	4064675356554	passivated
Qty.	20 ST	