

**KLIPPON POK 163609 EX****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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: 160 mm, Width: 360 mm, Depth: 90 mm, Basic material: Glass fibre-reinforced polyester, untreated, polished, black
Order No.	<a href="#">1306100000</a>
Type	KLIPPON POK 163609 EX
GTIN (EAN)	4050118108262
Qty.	1 items

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## Technical data

## Approvals

Approvals



ROHS	Conform
UL File Number Search	<a href="#">UL Website</a>
Certificate no. (cULus)	E256877

## Dimensions and weights

Depth	90 mm	Depth (inches)	3.5433 inch
Height	160 mm	Height (inches)	6.2992 inch
Height of lowest version	90 mm	Width	360 mm
Width (inches)	14.1732 inch	Mounting dimension - height	110 mm
Mounting dimension - width	340 mm	Net weight	2291 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	11	M16	6
M32	2	M25	2
M20	4	M40	1

## Cable glands, right

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

## Cable glands, top/bottom

M20	20	M12	45
M40	5	M32	6
M25	8	M16	36

## Certificate numbers enclosure

Declaration of Conformity No. (DoC LVD)	DE PS2600 160412 001ISS02	Attestation of Conformity No. (AoC)	DE PS2600 160308 001ISS03
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)	IECEXIBE13.0004X
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	5 mm	Material thickness of enclosure	5.99 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	348.02 mm	Required tool	<a href="#">SDK PZ2</a>
Flange plate	No	Lid	Yes
Access opening: height	148.02 mm	Areas of use	Explosive risk zone, Harbour facilities, Machine construction, Process industry, Transportation

## horizontal assembly

WDU 10 / ZDU 10	1x29	WDU 16 / ZDU 16	1x24
WDU 2,5 / ZDU 2,5 / IDU 2,5	1x56	WDU 4 / ZDU 4	1x47
WDU 6 / ZDU 6	1x36		

## vertical assembly

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

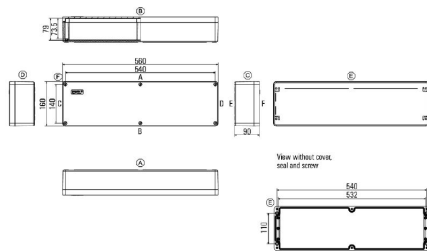
ETIM 8.0	EC002503	ETIM 9.0	EC002503
ETIM 10.0	EC002503	ECLASS 14.0	27-18-05-02
ECLASS 15.0	27-18-05-02		

# KLIPPON POK 163609 EX

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## Drawings



## KLIPPON POK 163609 EX

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

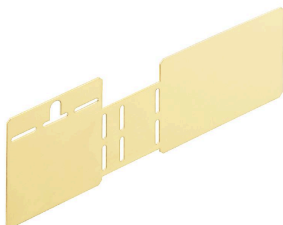
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## Accessories

## 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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- 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	KLIPPON COPL 163609	Version
Order No.	<a href="#">1391010000</a>	Klippon POK (polyester empty enclosure), Earthing plate,
GTIN (EAN)	4050118191332	Miscellaneous, Height: 60.5 mm, Width: 438 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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## General ordering data

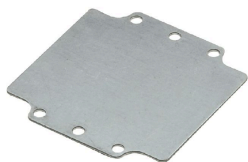
Type	TPSD FIXING SET POK	Version
Order No.	<a href="#">1435840000</a>	Klippon POK (polyester empty enclosure), Type plate fixings set,
GTIN (EAN)	4050118240771	Height: 12 mm, Width: 12 mm, Depth: 15.06 mm, Basic material:
Qty.	1 ST	Stainless steel, rust-proof, untreated
Type	SD FIXING SET POK	Version
Order No.	<a href="#">1463490000</a>	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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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Klippon® POK standard mounting plates**

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**General ordering data**

Type	POK MOPL 1636	Version
Order No.	<a href="#">9510630000</a>	Klippon POK (polyester empty enclosure), Mounting plate, Height:
GTIN (EAN)	4008190498269	143 mm, Width: 345 mm, Depth: 1.5 mm, Basic material: Sheet
Qty.	1 ST	steel, galvanized, Miscellaneous, silver

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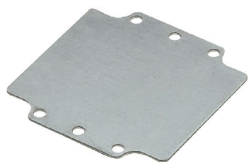
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## Accessories

## Klippon® POK mounting plates in combination with earthing plates



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## General ordering data

Type	POK MOPL 1636 MINI	Version
Order No.	<a href="#">1534380000</a>	Klippon POK (polyester empty enclosure), Mounting plate, Height:
GTIN (EAN)	4050118338317	113 mm, Width: 342 mm, Depth: 1.5 mm, Basic material: Sheet
Qty.	1 ST	steel, galvanized, galvanized, silver



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## Accessories

## Depth 7.5 mm



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## General ordering data

Type	TS35X7.5 ST POK 1636	Version
Order No.	<a href="#">8000003910</a>	Rail, TS 35, TS 35 x 7.5, Width: 342 mm, without slot, Steel, galvanic
GTIN (EAN)	4050118652703	zinc plated and passivated
Qty.	20 ST	

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## Accessories

## Klippon® POK earthing stud



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## General ordering data

Type	PEBZ M10 BR SET	Version
Order No.	<a href="#">1277220000</a>	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.	<a href="#">1283440000</a>	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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## General ordering data

Type	PEBZ M6 BR SET	Version
Order No.	<a href="#">1277250000</a>	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.	<a href="#">1283430000</a>	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 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.	<a href="#">3896100000</a>	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.	<a href="#">3896200000</a>	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.	<a href="#">3896300000</a>	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.	<a href="#">0935120000</a>	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.	<a href="#">0935110000</a>	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.	<a href="#">0935130000</a>	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.	<a href="#">0935140000</a>	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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[www.weidmueller.com](http://www.weidmueller.com)**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.	<a href="#">0642600000</a>	Klippon TB (Terminal Box), Mounting screw, Basic material: Steel
GTIN (EAN)	4008190058258	
Qty.	50 ST	

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**General ordering data**

Type	TS35X15 ST POK 1636	Version
Order No.	<a href="#">8000073212</a>	Rail, TS 35, TS 35 x 15, with slot, Steel, galvanic zinc plated and
GTIN (EAN)	4064675356592	passivated
Qty.	20 ST	