

**KLIPPON POK 165609 EX****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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: 560 mm, Depth: 90 mm, Material: Glass fibre-reinforced polyester, untreated, polished, black
Order No.	<a href="#">1306110000</a>
Type	KLIPPON POK 165609 EX
GTIN (EAN)	4050118108286
Qty.	1 pc(s).
Required tool	<a href="#">9008540000</a>

## KLIPPON POK 165609 EX

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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	560 mm
Width (inches)	22.047 inch	Mounting dimension - height	110 mm
Mounting dimension - width	540 mm	Net weight	3,320 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	66	M16	58
M20	32	M25	12
M32	10	M40	8

## Certificate numbers enclosure

Approval conditions	ATEX, DNV, IECEX, LR, RMRS, UL AEx Class Div., UL AEx Class Zone, cULus, KC, CCC, INMETRO	Attestation of Conformatiy No. (AoC)	DE PS2600 160308 001ISS01
Certificate No. (ATEX)	IBEXU13ATEX1004X	Certificate No. (DNV)	TAE00002R2
Certificate No. (IECEX)	IECEXIBE13.0004X	Certificate no. (cULus)	E256877
Certificate no. Terminal Box (AEx)	E223792	Certificate no. Terminal Box (ATEX)	IBEXU13ATEX1004 X
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 (INMETRO)	LMP 23.0528U	Declaration of Conformatiy No. (DoC LVD)	DE_PS2600_160412_001ISS01

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## Technical data

## General information

Access opening: height	148.02 mm	Access opening: width	548.02 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	Impact resistance	7 J ATEX version
Lid	Yes	Lid attachment	Slotted/Phillips screws
Material	Glass fibre-reinforced polyester	Material thickness of cover	5 mm
Material thickness of enclosure	5.99 mm	Number of lid screws	6
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	1x49	WDU 16 / ZDU 16	1x41
WDU 2,5 / ZDU 2,5 / IDU 2,5	1x94	WDU 4 / ZDU 4	1x79
WDU 6 / ZDU 6	1x60		

## 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	ETIM 9.0	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
ECLASS 12.0	27-18-05-02	ECLASS 13.0	27-18-05-02

## Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	afb385d0-c52b-4449-8502-203596817ab0

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## Technical data

## Approvals

Approvals



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

## Downloads

Approval/Certificate/Document of Conformity	<a href="#">CCC 2020322303002628 POK Assembly Enclosure</a> <a href="#">UKCA TÜV 22 UKEX 7093 X</a> <a href="#">UKCA TÜV 22 UKEX 7092 U</a> <a href="#">Attestation of Conformity - KlippON POK Empty Enclosures - AoC DE PS2600 160308 001ISS03 14 20001</a> <a href="#">TAE00002R2</a> <a href="#">IECEXIBE13.0004X</a> <a href="#">16-AV4BO-246X</a> <a href="#">IBEXU13ATEX1003U</a> <a href="#">IBEXU13ATEX1004X</a> <a href="#">IECEXIBE13.0003U</a> <a href="#">INMETRO CERTIFICADO LMP 21.0021X KLIPPON POK</a> <a href="#">EU Declaration of Conformity - KlippON POK Empty Enclosures Ex - DoC DE PS2600 160412 001ISS02</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Tender specification	<a href="#">KlippON POK 165609 Ex_1306110000_DE</a> <a href="#">KlippON POK 165609 Ex_1306110000_EN</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">MB OVERV. PROCESS WD DE</a> <a href="#">MB KLIPPON ENCL.TECN EN</a> <a href="#">MB PROCESS EN</a> <a href="#">FL KLIPPON POK EN</a> <a href="#">FL SHIPBUILDING 2016 EN</a> <a href="#">FL SHIPBUILDING 2016 EN</a>

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## Accessories

## 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 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, Material: Stainless steel 1.4305 (303)
Qty.	4 pc(s).	
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, Material: Stainless steel 1.4305 (303)
Qty.	4 pc(s).	
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, Material: Stainless steel 1.4305 (303)
Qty.	4 pc(s).	
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, Material: Stainless steel 1.4305 (303)
Qty.	4 pc(s).	

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Klippon® POK mounting feet**

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:

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- 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**

Type	MF POK BIG	Version
Order No.	<a href="#">9510910000</a>	Klippon POK (polyester empty enclosure), Mounting foot, Fixing lugs,
GTIN (EAN)	4032248009756	Height: 16 mm, Width: 51 mm, Depth: 6 mm, Material: Stainless steel
Qty.	1 pc(s).	1.4301, Miscellaneous

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Klippon® POK mounting plates in combination with earthing plates**

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- Two standard finishes (colours): grey (similar to RAL 7001 for industrial use) and black (similar to RAL 9011 for harsh environments, Ex)
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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 1656 MINI	Version
Order No.	<a href="#">1534390000</a>	Klippon POK (polyester empty enclosure), Mounting plate, Height:
GTIN (EAN)	4050118338089	113 mm, Width: 545 mm, Depth: 1.5 mm, Material: Sheet steel,
Qty.	1 pc(s).	galvanized, galvanized, silver



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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.	<a href="#">0642600000</a>	Klippon TB (Terminal Box), Mounting screw, Material: Steel
GTIN (EAN)	4008190058258	
Qty.	50 pc(s).	

## 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 pc(s).	Material: Stainless steel 1.4404 (316L)
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 pc(s).	Material: Brass

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## Accessories

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 pc(s).	Material: Brass
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 pc(s).	Material: Stainless steel 1.4404 (316L)

## 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 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, Material: Steel, silver
Qty.	2 pc(s).	
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, Material: Steel, silver
Qty.	2 pc(s).	
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, Material: Steel, silver
Qty.	2 pc(s).	

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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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- Two standard finishes (colours): grey (similar to RAL 7001 for industrial use) and black (similar to RAL 9011 for harsh environments, Ex)
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- 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	KLIPPON COPL 165609	Version
Order No.	<a href="#">1391020000</a>	Klippon POK (polyester empty enclosure), Earthing plate,
GTIN (EAN)	4050118191134	Miscellaneous, Height: 60.5 mm, Width: 656 mm, Depth: 0.8 mm,
Qty.	5 pc(s).	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, Material: Stainless
Qty.	1 pc(s).	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, Material:
Qty.	1 pc(s).	Stainless steel 1.4305 (303), untreated

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## Accessories

### Klippon® POK standard mounting plates



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### General ordering data

Type	POK MOPL 1656	Version
Order No.	<a href="#">9510710000</a>	Klippon POK (polyester empty enclosure), Mounting plate, Height:
GTIN (EAN)	4008190498276	143 mm, Width: 545 mm, Depth: 1.5 mm, Material: Sheet steel,
Qty.	1 pc(s).	galvanized, Miscellaneous, silver

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## Accessories

## Depth 15 mm



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## General ordering data

Type	TS35X15 ST POK 1656	Version
Order No.	<a href="#">8000073213</a>	Rail, TS 35, TS 35 x 15, with slot, Steel, galvanic zinc plated and
GTIN (EAN)	4064675356707	passivated
Qty.	20 pc(s).	

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## Accessories

## Depth 7.5 mm



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## General ordering data

Type	TS35X7.5 ST POK 1656	Version
Order No.	<a href="#">8000003911</a>	Rail, TS 35, TS 35 x 7.5, Width: 543 mm, with slot, Steel, galvanic zinc
GTIN (EAN)	4050118652710	plated and passivated
Qty.	20 pc(s).	