

KLIPPON POK 254012 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: 250 mm, Width: 400 mm, Depth: 120 mm, Material: Glass fibre-reinforced polyester, untreated, polished, black
Order No.	1306130000
Type	KLIPPON POK 254012 EX
GTIN (EAN)	4050118108392
Qty.	1 pc(s).
Required tool	9008540000

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Technical data**Dimensions and weights**

Depth	120 mm	Depth (inches)	4.724 inch
Height	250 mm	Height (inches)	9.842 inch
Height of lowest version	120 mm	Width	400 mm
Width (inches)	15.748 inch	Mounting dimension - height	200 mm
Mounting dimension - width	380 mm	Net weight	3,771 g

Temperatures

Operating temperature	-55 °C... 100 °C
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Cable glands, left

M12	32	M16	21
M20	15	M25	8
M32	3	M40	3
M50	2		

Cable glands, right

M12	32	M16	21
M20	15	M25	8
M32	3	M40	3
M50	2		

Cable glands, top/bottom

M12	62	M16	54
M20	33	M25	18
M32	14	M40	6
M50	4		

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 001ISS03
Certificate No. (ATEX)	IBEXU13ATEX1003U	Certificate No. (DNV)	TAE00002R2
Certificate No. (IECEX)	IECEXIBE13.0003U	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 001ISS02

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Technical data

General information

Access opening: height	238.02 mm	Access opening: width	388.02 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	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	2x33	WDU 16 / ZDU 16	2x27
WDU 2,5 / ZDU 2,5 / IDU 2,5	2x67	WDU 4 / ZDU 4	2x55
WDU 6 / ZDU 6	2x41		

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
ECLASS 14.0	27-18-05-02		

Environmental Product Compliance

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

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Technical data**Approvals**

Approvals



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

Downloads

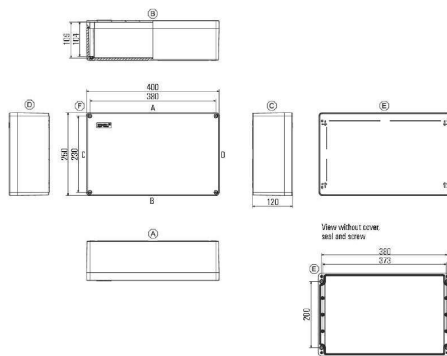
Approval/Certificate/Document of Conformity	CCC 2020322303002628 POK Assembly Enclosure UKCA TÜV 22 UKEX 7093 X UKCA TÜV 22 UKEX 7092 U Attestation of Conformity - Klippon POK Empty Enclosures - AoC DE PS2600 160308 001ISS03 UKCA Attestation of Conformity - Klippon POK Empty Enclosures - UKCA DE PS2600 220623 000ISS00 14_20001 TAE00002R2 IECEXIBE13.0004X 16-AV4BO-246X 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 UKCA Declaration of Conformity - Klippon POK Empty Enclosures Ex - UKCA DE PS2600 220623 001ISS00
Engineering Data	CAD data – STEP
Tender specification	Klippon POK 254012 Ex_1306130000_DE Klippon POK 254012 Ex_1306130000_EN
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

Klippon® POK earthing stud



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

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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.	0642600000	Klippon TB (Terminal Box), Mounting screw, Material: Steel
GTIN (EAN)	4008190058258	
Qty.	50 pc(s).	

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Accessories

Klippon® POK mounting feet



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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	MF POK BIG	Version
Order No.	9510910000	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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Accessories

Klippon® POK standard mounting plates



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General ordering data

Type	POK MOPL 2540	Version
Order No.	9510650000	Klippon POK (polyester empty enclosure), Mounting plate, Height:
GTIN (EAN)	4032248415298	234 mm, Width: 384 mm, Depth: 1.5 mm, Material: Sheet steel,
Qty.	1 pc(s).	galvanized, Miscellaneous, silver

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.	0935130000	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).	

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Accessories

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

Klippon® POK earthing plates



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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	KLIPPON COPL 254012/16	Version
Order No.	1391040000	Klippon POK (polyester empty enclosure), Earthing plate,
GTIN (EAN)	4050118191141	Miscellaneous, Height: 85.5 mm, Width: 567 mm, Depth: 0.8 mm,
Qty.	5 pc(s).	Material: Brass, polished, untreated

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www.weidmueller.com**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.	3896100000	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 30 MSZN	Version
Order No.	3896300000	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 20 MSZN	Version
Order No.	3896200000	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 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
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
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, Material: Stainless
Qty.	1 pc(s).	steel, rust-proof, untreated

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www.weidmueller.com**Accessories****Depth 7.5 mm**

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-
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General ordering data

Type	TS35X7.5 ST POK 4040	Version	
Order No.	8000003913	Rail, TS 35, TS 35 x 7.5, Width: 384 mm, without slot, Steel, galvanic	
GTIN (EAN)	4050118652734	zinc plated and passivated	
Qty.	20 pc(s).		

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www.weidmueller.com**Accessories****Klippon® POK mounting plates in combination with earthing plates**

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General ordering data

Type	POK MOPL 2540 MINI	Version
Order No.	1534420000	Klippon POK (polyester empty enclosure), Mounting plate, Height:
GTIN (EAN)	4050118338164	204 mm, Width: 382 mm, Depth: 1.5 mm, Material: Sheet steel,
Qty.	1 pc(s).	galvanized, galvanized, silver