

KTB MH 404015 S4E1**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

The Klippon® TB enclosure range provides excellent performance characteristics, even under the most difficult environmental conditions. In addition, it complies with the stricter requirements of potentially explosive atmospheres found specifically in the process or power generation industries. The Klippon® TB MH enclosure range offers further improvements to a product line that is already successfully leading the market.

The Klippon® TB MH enclosure range has the following advantages:

- Available in 15 sizes and 3 standard depths
- Equipped with up to 4 gland plates
- The gasket is protected against compression
- Completely removable padlock tab
- Cover lock outside the sealed zone
- Improved temperature performance
- IP66/IP67 protection
- Completely removable lid – without a tool
- Earthing stud in the cover and base of the enclosure
- Welded mounting feet
- International approvals

General ordering data

Version	Klippon TB MH (Terminal Box - Multi Hinge), Empty enclosure, Height: 406 mm, Width: 406 mm, Depth: 150 mm, Gland plates: Bottom, Material: Stainless steel 1.4404 (316L), electropolished, silver
Order No.	8000108841
Type	KTB MH 404015 S4E1
GTIN (EAN)	4099986660465
Qty.	1 pc(s).

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Technical data
Dimensions and weights

Depth	150 mm	Depth (inches)	5.905 inch
Height	406 mm	Height (inches)	15.984 inch
Width	406 mm	Width (inches)	15.984 inch
Net weight	10,750 g		

Temperatures

Operating temperature	Note: room temperature (service)	Limited to IP66 protection when used in temperatures greater than 105 °C.
-60 °C...135 °C		

Cable glands, left

M12	29	M16	16
M20	13	M25	6
M32	5	M40	4
M50	3	M63	0
M75	0		

Cable glands, right

M12	29	M16	16
M20	13	M25	6
M32	5	M40	4
M50	3	M63	0
M75	0		

Cable glands, top/bottom

M12	51	M16	39
M20	22	M25	18
M32	7	M40	5
M50	4	M63	3
M75	0		

Certificate numbers enclosure

Approval conditions	ATEX, IECEX, INMETRO, cULus	Attestation of Conformatiy No. (AoC)	DE PS261X 160309 001ISS03
Certificate No. UL 508A	E223801	Certificate No. UL Haz.Loc.	E223792
Certificate No. UL Ord.Loc.	E243298	Certificate No. UL Terminal Box	E223792
Certificate no. Terminal Box (ATEX)	IBExU14ATEX1050	Certificate no. Terminal Box (IECEX)	IECEXIBE14.0013
Certificate no. Terminal Box (INMETRO)	LMP 21.0017	Certificate no. empty enclosure (ATEX)	IBExU14ATEX1028 U
Certificate no. empty enclosure (IECEX)	IECEX IBE 14.0004U	Certificate no. empty enclosure (INMETRO)	LMP 21.0016U
Declaration of Conformatiy No. (DoC LVD)	DE PS261X 160412 001ISS02		

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Technical data

General information

Flange plate	Yes	Gland plates	Bottom
Impact resistance	10 J version standard, 7 joules in acc. with IEC 60079-0	Lid	Yes
Lid attachment	4 hinges and M6 hex-head slotted screws SW10	Material	Stainless steel 1.4404 (316L)
Material thickness of cover	1.5 mm	Material thickness of enclosure	1.5 mm
Material thickness of flange	3 mm	Note: protection class	If used in temperature ranges above 105 °C, IP protection is limited to IP 66.
Operating temperature, max.	135 °C	Operating temperature, min.	-60 °C
Position PE bolts	Enclosure side C	Protection class (UL)	Type 3, Type 4X, Type 12
Protection degree	IP66, IP67	Seal material	Silicone
Surface finish	electropolished		

horizontal assembly

WDU 10 / ZDU 10	2x30	WDU 16 / ZDU 16	2x24
WDU 2,5 / ZDU 2,5 / IDU 2,5	3x59	WDU 35 / ZDU 35	1x18
WDU 4 / ZDU 4	3x49	WDU 6 / ZDU 6	3x37

vertical assembly

WDU 10 / ZDU 10	2x30	WDU 16 / ZDU 16	2x24
WDU 2,5 / ZDU 2,5 / IDU 2,5	3x59	WDU 35 / ZDU 35	1x18
WDU 4 / ZDU 4	3x49	WDU 6 / ZDU 6	3x37

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	64dfc213-93f0-4c79-8ffa-c97fa9dcb873

Approvals

Approvals



ROHS

Conform

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Technical data

Downloads

Approval/Certificate/Document of Conformity	Attestation of Conformity - Klippon TB Empty Enclosures - AoC DE PS261X 160309 001ISS06 CERTIFICADO - LMP 21.0016U KLIPPON TB CERTIFICADO LMP 21.0017 KLIPPON TB
Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format

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Accessories

TS 20



General ordering data

Type	TS20/CX10 ST ZN 4040 HOR	Version
Order No.	8000117051	Klippon TB (Terminal Box), Enclosures, Height: 20 mm, Width: 366
GTIN (EAN)	4099986829909	mm, Depth: 10 mm, Material: Steel, galvanized, silver
Qty.	20 pc(s).	
Type	TS20/CX10 ST ZN 4040 VER	Version
Order No.	8000117038	Klippon TB (Terminal Box), Enclosures, Height: 20 mm, Width: 366
GTIN (EAN)	4099986829800	mm, Depth: 10 mm, Material: Steel, galvanized, silver
Qty.	20 pc(s).	

Mounting plates



Mounting plates, with and without hole patterns, for longitudinal and transverse mounting of DIN mounting rails or components directly onto the mounting plate.

General ordering data

Type	GFSC M5X10 TX20 SET	Version
Order No.	1274150000	Klippon EB (Essential Box), Mounting screw, Height: 13.3 mm, Width:
GTIN (EAN)	4050118063820	8.5 mm, Depth: 8.5 mm, Material: Steel, galvanized, galvanic zinc
Qty.	1 pc(s).	plated and passivated, silver

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Accessories

Earthing stud



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.

Earthing bolt

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

General ordering data

Type	PEBZ M10 KTB BR SET	Version
Order No.	1192680000	Klippon TB (Terminal Box), Earthing stud, Miscellaneous, Height: 21
GTIN (EAN)	4032248974641	mm, Width: 21 mm, Depth: 48.7 mm, Material: Brass, untreated, silver
Qty.	1 pc(s).	
Type	PEBZ M10 KTB S4 SET	Version
Order No.	1192690000	Klippon TB (Terminal Box), Earthing stud, Miscellaneous, Height:
GTIN (EAN)	4032248974658	21 mm, Width: 21 mm, Depth: 48.7 mm, Material: Stainless steel
Qty.	1 pc(s).	1.4404, untreated, silver

Depth 15 mm



General ordering data

Type	TS35X15 ST KTB4040 HOR	Version
Order No.	8000116371	Klippon TB (Terminal Box), Enclosures, without slot, Height: 35 mm,
GTIN (EAN)	4099986820791	Width: 345 mm, Depth: 15 mm, Material: Steel, galvanic zinc plated
Qty.	20 pc(s).	and passivated, silver
Type	TS35X15 ST KTB4040 VER	Version
Order No.	8000116352	Klippon TB (Terminal Box), Enclosures, without slot, Height: 35 mm,
GTIN (EAN)	4099986820692	Width: 351 mm, Depth: 15 mm, Material: Steel, galvanic zinc plated
Qty.	20 pc(s).	and passivated, silver

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Accessories

Type label holder



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Nameplate holders

There are a variety of designed label holders available for prominent display as required and for additional nameplates as needed.

General ordering data

Type	TPSDHA KTB 70X70M3 S2 R	Version
Order No.	1279320000	Klippon TB (Terminal Box), Ratings plate holder, Riveted, Height: 70
GTIN (EAN)	4050118070101	mm, Width: 70 mm, Depth: 20 mm, Material: Stainless steel 1.4301,
Qty.	1 pc(s).	Mirror polished, silver

400 x 400mm



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

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Mounting plates

Mounting plates, with and without hole patterns, for longitudinal and transverse mounting of DIN mounting rails or components directly onto the mounting plate.

General ordering data

Type	KTB MOPL 4040 MSZN	Version
Order No.	8000110195	Klippon TB (Terminal Box), Mounting plate, Depth: 1.5 mm, Material:
GTIN (EAN)	4099986779334	Sheet steel, galvanized, silver
Qty.	1 pc(s).	
Type	KTB MOPL 4040 S2 H	Version
Order No.	8000115904	Klippon TB (Terminal Box), Mounting plate, silver
GTIN (EAN)	4099986782938	
Qty.	1 pc(s).	
Type	KTB MOPL 4040 MSZN H	Version
Order No.	8000115915	Klippon TB (Terminal Box), Mounting plate, Height: 351 mm, Width:
GTIN (EAN)	4099986783034	345 mm, Depth: 1.5 mm, Material: Sheet steel, galvanized, silver
Qty.	1 pc(s).	

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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, Material: Steel
GTIN (EAN)	4008190058258	
Qty.	50 pc(s).	
Type	SD FIXING SET	Version
Order No.	1285200000	Klippon TB (Terminal Box), Identification plate fixing set, Height: 12
GTIN (EAN)	4050118075472	mm, Width: 12 mm, Depth: 16.4 mm, Material: Stainless steel, rust-
Qty.	1 pc(s).	proof, untreated, silver
Type	TPSD FIXING SET KTB	Version
Order No.	1252190000	Klippon TB (Terminal Box), Type plate fixings set, Material: Stainless
GTIN (EAN)	4050118043969	steel, rust-proof, untreated, silver
Qty.	1 pc(s).	

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www.weidmueller.com**Accessories****Depth 7.5 mm****General ordering data**

Type	TS35X7.5 ST KTB4040 VER	Version
Order No.	8000116101	Klippon TB (Terminal Box), Enclosures, without slot, Height: 35 mm,
GTIN (EAN)	4099986820470	Width: 351 mm, Depth: 7.5 mm, Material: Steel, galvanic zinc plated
Qty.	20 pc(s).	and passivated, silver
Type	TS35X7.5 ST KTB4040 HOR	Version
Order No.	8000116111	Klippon TB (Terminal Box), Enclosures, without slot, Height: 35 mm,
GTIN (EAN)	4099986820586	Width: 345 mm, Depth: 7.5 mm, Material: Steel, galvanic zinc plated
Qty.	20 pc(s).	and passivated, silver