

KTB MH 353520 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), Enclosures, stainless steel enclosure, Gland plates: Bottom, electropolished, silver
Order No.	8000108838
Type	KTB MH 353520 S4E1
GTIN (EAN)	4099986660441
Qty.	1 pc(s).

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Technical data
Dimensions and weights

Net weight	9,950 g
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Temperatures

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

Certificate numbers enclosure

Approval conditions	ATEX, IECEX, INMETRO, cULus	Attestation of Conformity No. (AoC)	DE PS261X 160309 001ISS03
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)	IEx 17.0020U
Declaration of Conformity No. (DoC LVD)	DE PS261X 160412 001ISS02		

General information

Flange plate	Yes	Gland plates	Bottom
Impact resistance	10 J version standard, 7 joules in acc. with IEC 60079-0	Lid attachment	4 hinges and M6 hex-head slotted screws SW10
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.
Opening angle lid	130 °	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	Standards	DIN EN 62208 - Empty enclosure standard, DIN EN 61373 Class 1B**, DIN EN 15085-2, EN 60079-0, EN 60079-7, EN 60079-31, IEC 60079-0, IEC 60079-7, IEC 60079-31
Surface finish	electropolished	Torque for lid screws	2.5 Nm

Classifications

ETIM 6.0	EC000261	ETIM 7.0	EC000261
ETIM 8.0	EC000261	ETIM 9.0	EC000261
ECLASS 9.0	27-18-01-01	ECLASS 9.1	27-18-92-90
ECLASS 10.0	27-18-01-01	ECLASS 11.0	27-18-01-01
ECLASS 12.0	27-18-01-01	ECLASS 13.0	27180101

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	64dfc213-93f0-4c79-8ffa-c97fa9dcb873

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Catalogue status 24.11.2023 / We reserve the right to make technical changes.

Data sheet**KTB MH 353520 S4E1****Weidmüller Interface GmbH & Co. KG**
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Technical data**Approvals**

Approvals



ROHS

Conform

DownloadsApproval/Certificate/Document of
Conformity[Attestation of Conformity - Klippon TB Empty Enclosures - AoC DE PS26 1X 160309 001ISS06](#)

Engineering Data

[CAD data – STEP](#)

Catalogues

[Catalogues in PDF-format](#)

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Accessories

Type label holder



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.

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

350 x 350mm



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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 3535 S2 H	Version
Order No.	8000115903	Klippon TB (Terminal Box), Enclosures, silver
GTIN (EAN)	4099986782921	
Qty.	1 pc(s).	
Type	KTB MOPL 3535 MSZN H	Version
Order No.	8000115914	Klippon TB (Terminal Box), Enclosures, Height: 295 mm, Width: 289
GTIN (EAN)	4099986783027	mm, Depth: 1.5 mm, Material: Sheet steel, galvanized, silver
Qty.	1 pc(s).	
Type	KTB MOPL 3535 MSZN	Version
Order No.	8000110194	Klippon TB (Terminal Box), Enclosures, Depth: 1.5 mm, Material: Sheet
GTIN (EAN)	4099986779327	steel, galvanized, silver
Qty.	1 pc(s).	

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Accessories

Depth 15 mm



General ordering data

Type	TS35X15 ST KTB3535 HOR	Version
Order No.	8000116370	Klippon TB (Terminal Box), Enclosures, without slot, Height: 35 mm,
GTIN (EAN)	4099986820784	Width: 289 mm, Depth: 15 mm, Material: Steel, galvanic zinc plated
Qty.		and passivated, silver
Type	TS35X15 ST KTB3535 VER	Version
Order No.	8000116351	Klippon TB (Terminal Box), Enclosures, without slot, Height: 35 mm,
GTIN (EAN)	4099986820685	Width: 295 mm, Depth: 15 mm, Material: Steel, galvanic zinc plated
Qty.		and passivated, silver

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	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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Accessories

Type	SD FIXING SET	Version
Order No.	1285200000	Klippon TB (Terminal Box), Identification plate fixing set, Height: 12 mm, Width: 12 mm, Depth: 16.4 mm, Material: Stainless steel, rust-proof, untreated, silver
GTIN (EAN)	4050118075472	
Qty.	1 pc(s).	
Type	FKSC M6X8 D9/SW3	Version
Order No.	0642600000	Klippon TB (Terminal Box), Mounting screw, Material: Steel
GTIN (EAN)	4008190058258	
Qty.	50 pc(s).	

Depth 7.5 mm



General ordering data

Type	TS35X7.5 ST KTB3535 HOR	Version
Order No.	8000116110	Klippon TB (Terminal Box), Enclosures, without slot, Height: 35 mm, Width: 289 mm, Depth: 7.5 mm, Material: Steel, galvanic zinc plated and passivated, silver
GTIN (EAN)	4099986820579	
Qty.		
Type	TS35X7.5 ST KTB3535 VER	Version
Order No.	8000116100	Klippon TB (Terminal Box), Enclosures, without slot, Height: 35 mm, Width: 295 mm, Depth: 7.5 mm, Material: Steel, galvanic zinc plated and passivated, silver
GTIN (EAN)	4099986820463	
Qty.		

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: 8.5 mm, Depth: 8.5 mm, Material: Steel, galvanized, galvanic zinc plated and passivated, silver
GTIN (EAN)	4050118063820	
Qty.	1 pc(s).	

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Accessories

TS 20



General ordering data

Type	TS20/CX10 ST ZN 3535 HOR	Version
Order No.	8000117050	Klippon TB (Terminal Box), Enclosures, Height: 20 mm, Width: 310 mm, Depth: 10 mm, Material: Steel, galvanized, silver
GTIN (EAN)	4099986829893	
Qty.	20 pc(s).	
Type	TS20/CX10 ST ZN 3535 VER	Version
Order No.	8000117037	Klippon TB (Terminal Box), Enclosures, Height: 20 mm, Width: 310 mm, Depth: 10 mm, Material: Steel, galvanized, silver
GTIN (EAN)	4099986829794	
Qty.	20 pc(s).	

Earthing stud



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