

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

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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, stainless steel enclosure, Height: 260 mm, Width: 260 mm, Depth: 150 mm, Gland plates: Bottom, Basic material: Stainless steel 1.4301 (304), untreated, silver
Order No.	<u>1194610003</u>
Туре	KTB MH 262615 S2N1
GTIN (EAN)	4050118108002
Qty.	1 items





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Technical data

Approvals			
Approvals			
ROHS	Conform		
JL File Number Search	UL Website		
Certificate no. (cULus)	E243298		
Dimensions and weights			
Depth	150 mm	Depth (inches)	5.9055 inch
Height	260 mm	Height (inches)	10.2362 inch
Nidth	260 mm		10.2362 inch
Mounting dimension - height	170 mm	Width (inches) Mounting dimension - width	286 mm
Net weight	9541.79 g	Mounting dimension - width	200 111111
Temperatures			
emperatures			
Operating temperature	-60 °C135 °C	Note: room temperature (service)	Limited to IP66 protection when used in temperatures greater tha 105°C.
Environmental Product Comp	liance		
RoHS Compliance Status	Compliant with exempt	tion	
RoHS Exemption (if applicable/known)			
REACH SVHC	Lead 7439-92-1		
SCIP	8d5fcdfe-c58e-44e1-a	6b4-74d2bbccc9dd	
Cable glands, left			
M63	0	<u>M75</u>	0
M12	15	<u>M50</u>	2
M16	8	M32	2
М25	3	<u>M20</u>	7
	1		
	2		
И40			
M40 Cable glands, right		M63	0
M40 Cable glands, right M25	3	M63 M16	0 8
M40 Cable glands, right M25 M75	3	M16	8
M40 Cable glands, right M25 M75 M40	3 0 2	M16 M50	8 2
M40 Cable glands, right M25 M75 M40 M32	3	M16	8
M40 Cable glands, right M25 M75 M40 M32 M12	3 0 2 2	M16 M50	8 2
M40 Cable glands, right M25 M75 M40 M32 M12 Cable glands, top/bottom	3 0 2 2 15	M16 M50 M20	8 2 7
M40 Cable glands, right M25 M75 M40 M32 M12 Cable glands, top/bottom	3 0 2 2 15	M16 M50 M20	8 2 7 20
M40 Cable glands, right M25 M75 M40 M32 M12 Cable glands, top/bottom M20 M63 M32	3 0 2 2 15	M16 M50 M20	8 2 7

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M50

M16

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Catalogue status / Drawings

M75





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Technical data

Certificate numbers enclosur			
Certificate No. UL Haz.Loc.	E223792	Declaration of Conformatiy No. (DoC LVD)	DE PS261X 160412 001ISS03
Certificate No. UL Ord.Loc.	E243298	Certificate No. UL 508A	E223801
Attestation of Conformatiy No. (AoC)	DE PS261X 160309 001ISS06	Certificate No. UL Terminal Box	E223792
Certificate No. Electronic Box (NEPSI)	2020322303003289	Certificate no. empty enclosure (ECAS)	21-09-25241/ E21-09-053807
Certificate no. empty enclosure (INMETRO)	LMP 21.0016U	Certificate No. (DNV)	TAE000013S
Certificate No. (CCOE)	P461058_1	Certificate no. Terminal Box (INMETRO)	LMP 21.0017
Certificate no. (INMETRO)	IEX13.0006U	Certificate No. (IECEX)	IECEXPTB11.0071
Certificate No. (ATEX)	PTB11ATEX2019	Approval conditions	ATEX, CCOE, DNV, IECEX, INMETRO, KC, NEPSI, CCC UL AEx Class Div., UL AEx Class Zone, cULus
Certificate no. (cULus)	E243298		
General information			
Material thickness of cover	1.5 mm	Material thickness of flange	3 mm
Material thickness of enclosure	1.5 mm	Operating temperature, max.	135 °C
Operating temperature, min.	-60 °C	Lid attachment	4 hinges and M6 hex-head slotted screws SW10
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	untreated
Impact resistance	7 J ATEX version, 10 J version standard	AF size	10 mm
Protection degree	IP66, IP67	Basic material	Stainless steel 1.4301 (304)
Seal material	Silicone	Torque for lid screws	2.5 Nm
Integral fixing	4, 6 or 9 stud bolts M6 inner (female) thread	Enclosure attachment	4 welded-on mounting feet with 11 mm holes (2 slotted feet and 2 cross- shaped feet)
Note: protection class	If used in temperature ranges above 105 °C, IP protection is limited to IP 66.	Flange plate mounting	M6 hexagonal head screws 10 SW
Protection class (UL)	Type 3, Type 4X, Type 12	Number of lid screws	4
Gland plates	Bottom	Dimension of box	320x455x240
Access opening: width	201 mm	Opening angle lid	130.00°
Overall dimensions	271 x 311 x 165	Flange plate	Yes
Max. payload	27 kg	Lid	Yes
Access opening: height	207 mm	Position PE bolts	Enclosure side C
Areas of use	Explosive risk zone, Process industry, Oil and gas industry, Chemical industry, Offshore, Onshore		





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Technical data

Earth, enclosure, internal	Welded-on M6 stainless- steel earth stud in enclosure body and lid.		
horizontal assembly			
WDU 10 / ZDU 10	1x15	WDU 16 / ZDU 16	1x12
WDU 2,5 / ZDU 2,5 / IDU 2,5	2x31	WDU 35 / ZDU 35	1x9
WDU 4 / ZDU 4	1x26	WDU 6 / ZDU 6	1x19
vertical assembly			
	· ·		
WDU 10 / ZDU 10	1x15	WDU 16 / ZDU 16	1x12
WDU 2,5 / ZDU 2,5 / IDU 2,5	2x31	WDU 35 / ZDU 35	1x9
WDU 4 / ZDU 4	1x26	WDU 6 / ZDU 6	1x19
Important note			
Product information	Minimum order quantity (5 pieces)	
Classifications			
ETIM 6.0	EC002503	ETIM 7.0	EC002503
ETIM 8.0	EC002503	ETIM 9.0	EC002503
ETIM 10.0	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
ECLASS 15.0	27-18-05-02		





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Drawings	www.weiamueiler.com
Dimensioned drawing	



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Accessories

260 x 260mm

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.

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 2626 MSZN	Version
Order No.	<u>1193950000</u>	Klippon TB (Terminal Box), Mounting plate, Height: 205 mm, Width:
GTIN (EAN)	4050118028119	199 mm, Depth: 1.5 mm, Basic material: Sheet steel, galvanized,
Qty.	1 ST	silver
Туре	KTB MOPL 2626 S2N	Version
Order No.	<u>1193820000</u>	Klippon TB (Terminal Box), Mounting plate, Height: 205 mm, Width:
GTIN (EAN)	4050118028423	199 mm, Depth: 1.5 mm, Basic material: Stainless steel 1.4301
Qty.	1 ST	(304), untreated, silver
Туре	KTB MOPL 2626 MSZN H	Version
Type Order No.	KTB MOPL 2626 MSZN H 2022060000	Version Klippon TB (Terminal Box), Mounting plate, prepunched, Height: 205
• •		
Order No.	2022060000	Klippon TB (Terminal Box), Mounting plate, prepunched, Height: 205
Order No. GTIN (EAN)	<u>2022060000</u> 4050118403503	Klippon TB (Terminal Box), Mounting plate, prepunched, Height: 205 mm, Width: 199 mm, Depth: 1.5 mm, Basic material: Sheet steel,
Order No. GTIN (EAN) Oty.	2022060000 4050118403503 1 ST	Klippon TB (Terminal Box), Mounting plate, prepunched, Height: 205 mm, Width: 199 mm, Depth: 1.5 mm, Basic material: Sheet steel, galvanized, silver
Order No. GTIN (EAN) Qty. Type	2022060000 4050118403503 1 ST KTB MOPL 2626 S2N H	Klippon TB (Terminal Box), Mounting plate, prepunched, Height: 205 mm, Width: 199 mm, Depth: 1.5 mm, Basic material: Sheet steel, galvanized, silver Version

Gland plates without earthing studs

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.

Flange plates

Flange plates in two thicknesses, for easy replacement of pre-assembl

General ordering data

Type K	KTB GP 262615 AB S4	Version
Order No.	<u>1280910000</u>	Klippon TB (Terminal Box), flange plate, straight, Height: 254 mm,
GTIN (EAN) 4	4050118071511	Width: 117 mm, Depth: 3 mm, Gland plates: top, Bottom, Basic
Qty. 1	1 ST	material: Stainless steel 1.4404, electropolished, silver

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Accessories

Gland plates made out of stainless steel - 6 mm

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

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Flange plates

Flange plates in two thicknesses, for easy replacement of pre-assembl

General ordering data

Type	KTB GP XX2615 AB S4 6MM	Version
Order No.	<u>1256290000</u>	Klippon TB (Terminal Box), flange plate, straight, Height: 254 mm,
GTIN (EAN)	4050118093711	Width: 117 mm, Depth: 6 mm, Gland plates: top, Bottom, Basic
Qty.	1 ST	material: Stainless steel 1.4404, Stainless steel 1.4404 (316L),
		electropolished, silver

Gland plates with earthing studs

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

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Flange plates

Flange plates in two thicknesses, for easy replacement of pre-assembl

General ordering data

Туре	KTB GP 262615 AB S4 PE	Version
Order No.	2022930000	Klippon TB (Terminal Box), flange plate, straight, Height: 254 mm,
GTIN (EAN)	4050118403824	Width: 117 mm, Depth: 3 mm, Gland plates: top, Bottom, Basic
Qty.	1 ST	material: Stainless steel 1.4404, electropolished, silver

Stainless steel 1.4301

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.

Rain Covers

The rain cover provides an ideal, additional level of protection for the enclosure if it is installed in unusual climatic zones with, for instance, very heavy rainfall or extreme levels of direct sunlight.





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Accessories

General ordering data

Туре	KTB RNHD 262615 R	Version
Order No.	<u>1281370000</u>	Klippon TB (Terminal Box), Rain hood, Height: 53.9 mm, Width: 265
GTIN (EAN)	4050118072136	mm, Depth: 160.5 mm, Basic material: Stainless steel 1.4301, Mirror
Qty.	1 ST	polished, silver

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

Туре	TPSDHA KTB 100X25 S2 2R	Version
Order No.	<u>1257640000</u>	Klippon TB (Terminal Box), Ratings plate holder, Riveted, Height: 25
GTIN (EAN)	4050118070354	mm, Width: 141 mm, Depth: 16.5 mm, Basic material: Stainless steel
Qty.	1 ST	1.4301, Stainless steel 1.4301 (304), Mirror polished, silver
Туре	TPSDHA KTB 130X50 S2 R	Version
Order No.	1283450000	Klippon TB (Terminal Box), Ratings plate holder, Riveted, Height: 50
GTIN (EAN)	4050118073621	mm, Width: 171 mm, Depth: 16.5 mm, Basic material: Stainless steel
Qty.	1 ST	1.4301, Stainless steel 1.4301 (304), Mirror polished, silver
Туре	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, Basic material: Stainless steel
Qty.	1 ST	1.4301, Stainless steel 1.4301 (304), Mirror polished, 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	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, Basic material: Stainless steel,
Qty.	1 ST	rust-proof, untreated, silver
Туре	TPSD FIXING SET KTB	Version
Type Order No.	TPSD FIXING SET KTB 1252190000	Version Klippon TB (Terminal Box), Type plate fixings set, Basic material:

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

Туре	PEBZ M10 KTB BR SET	Version	
Order No.	1192680000	Klippon TB (Terminal Box), Earthing stud, Miscellaneous, Height:	
GTIN (EAN)	4032248974641	21 mm, Width: 21 mm, Depth: 48.7 mm, Basic material: Brass,	
Qty.	1 ST	untreated, silver	

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Accessories

Туре	PEBZ M10 KTB S4 SET	Version
Order No.	1192690000	Klippon TB (Terminal Box), Earthing stud, Miscellaneous, Height: 21
GTIN (EAN)	4032248974658	mm, Width: 21 mm, Depth: 48.7 mm, Basic material: Stainless steel
Qty.	1 ST	1.4404 (316L), untreated, silver

Document holders

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.

Document holders

Document holders for the proper storage of documents in the enclosure

General ordering data

Тур	e	DOHA KTB A6 S2 R	Version
Ord	ler No.	1252780000	Klippon TB (Terminal Box), Document holders, Riveted, Height: 110
GTII	N (EAN)	4050118045512	mm, Width: 130 mm, Depth: 20 mm, Basic material: Stainless steel
Qty.		1 ST	1.4301, Stainless steel 1.4301 (304), Mirror polished, silver

Grounding strap

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. The following options are available:

- Closure Elements
- Document holders
- Earthing stud
- Gland plates
- · Installation material
- Mounting plates
- Rain hoods
- Spacer
- Terminal rails
- Type label holder

General ordering data

Туре	PECD WIRE 6/200/D6 SET	Version	
Order No.	<u>2475490000</u>	90000 Klippon TB (Terminal Box), Grounding strap, Ssrewed, Basic material:	
GTIN (EAN)	4050118487206	Steel, Green/yellow	
Qty.	1 ST		

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Accessories

Stainless steel 1.4404 (316L)

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

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Rain Covers

The rain cover provides an ideal, additional level of protection for the enclosure if it is installed in unusual climatic zones with, for instance, very heavy rainfall or extreme levels of direct sunlight.

General ordering data

Туре	KTB RNHD 262615 S4E R	Version
Order No.	<u>1314100000</u>	Klippon TB (Terminal Box), Rain hood, Height: 53.9 mm, Width: 265
GTIN (EAN)	4050118117455	mm, Depth: 160.5 mm, Basic material: Stainless steel 1.4404 (316L),
Qty.	1 ST	electropolished, silver

Depth 7.5 mm

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.

Terminal rails

The mounting rails are available in two sizes for mounting DIN rails (e.g. electronics, terminals) components in the enclosures.

General ordering data

Type	TS35X7.5 ST KTB3526 HOR	Version
Order No.	8000006721 Rail, TS 35, TS 35 x 7.5, Width: 199 mm, without slot, Steel,	
GTIN (EAN)	4050118652895	galvanized, chromium-plated
Qty.	20 ST	
Туре	TS35X7.5 ST KTB2626 VER	Version
Type Order No.	TS35X7.5 ST KTB2626 VER 8000006709	Version Rail, TS 35, TS 35 x 7.5, Width: 205 mm, without slot, Steel, galvanic

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.



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Accessories

General ordering data

Type	GFSC M5X10 TX20 SET	Version
Order No.	<u>1274150000</u>	Klippon EB (Essential Box), Mounting screw, Height: 13.3 mm, Width:
GTIN (EAN)	4050118063820	8.5 mm, Depth: 8.5 mm, Basic material: Steel, galvanized, galvanic
Qty.	1 ST	zinc plated and passivated, silver

Depth 15 mm

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

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Terminal rails

The mounting rails are available in two sizes for mounting DIN rails (e.g. electronics, terminals) components in the enclosures.

General ordering data

Туре	TS35X15 ST KTB2626 VER Version	
Order No.	8000073110	Rail, TS 35, TS 35 x 15, Width: 205 mm, without slot, Steel, galvanic
GTIN (EAN)	4064675340607 zinc plated and passivated	
Qty.	20 ST	
Туре	TS35X15 ST KTB3526 HOR	Version
Type Order No.	TS35X15 ST KTB3526 HOR 8000073113	Version Rail, TS 35, TS 35 x 15, Width: 199 mm, without slot, Steel, galvanic

Installation material

Integrate, expand and customise - the perfect supplement to every application

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Mounting hardware kits

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Accessories

General ordering data

Type	FKSC M6X8 D9/SW3
Order No.	0642600000
GTIN (EAN)	4008190058258
Qty.	50 ST

Version

Klippon TB (Terminal Box), Mounting screw, Basic material: Steel