

**KTB MH 355520 S4E1****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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Abbildung ähnlich

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 1 gland plate
- 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: 350 mm, Width: 550 mm, Depth: 200 mm, Gland plates: Bottom, Material: Stainless steel 1.4404 (316L), electropolished, silver
Order No.	<a href="#">2698050000</a>
Type	KTB MH 355520 S4E1
GTIN (EAN)	4064675030256
Qty.	1 pc(s).

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**Technical data**
**Dimensions and weights**

Depth	200 mm	Depth (inches)	7.874 inch
Height	350 mm	Height (inches)	13.78 inch
Width	550 mm	Width (inches)	21.653 inch
Mounting dimension - height	376 mm	Mounting dimension - width	350 mm
Net weight	13,520 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	45	M16	30
M20	20	M25	17
M32	9	M40	7
M50	3	M63	3
M75	2		

**Cable glands, right**

M12	45	M16	30
M20	20	M25	17
M32	9	M40	7
M50	3	M63	3
M75	2		

**Cable glands, top/bottom**

M12	70	M16	48
M20	30	M25	26
M32	14	M40	12
M50	5	M63	4
M75	3		

**Certificate numbers enclosure**

Approval conditions	ATEX, CCoE, DNV, IECEx, INMETRO, KC, NEPSI, CCC, UL AEx Class Div., UL AEx Class Zone, cULus	Certificate No. (ATEX)	PTB 11ATEX2019
Certificate No. (CCOE)	P461058_1	Certificate No. (IECEX)	IECEXPTB11.0071
Certificate no. (INMETRO)	IEX13.0007	Certificate no. Terminal Box (AEx)	E223792
Certificate no. Terminal Box (ATEX)	IBExU14ATEX1050	Certificate no. Terminal Box (IECEX)	IECEXIBE14.0013
Certificate no. Terminal Box (INMETRO)	LMP 21.0017	Certificate no. Terminal Box (KOSHA)	16-AV4BO-0245X
Certificate no. Terminal Box (NEPSI)	GYJ14.1309	Certificate no. empty enclosure (ATEX)	IBExU14ATEX1028 U
Certificate no. empty enclosure (ECAS)	<b>21-09-25241/ E21-09-053807</b>	Certificate no. empty enclosure (IECEX)	IECEX IBE 14.0004U
Certificate no. empty enclosure (INMETRO)	LMP 21.0016U	Certificate no. empty enclosure (NEPSI)	GYJ14.1308U

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**General information**

AF size	10 mm	Access opening: height	291 mm
Access opening: width		Areas of use	Explosive risk zone, Process industry, Oil and gas industry, Chemical industry, Offshore, Onshore
	497 mm		
Dimension of box		Enclosure attachment	4 welded-on mounting feet with 11 mm holes (2 slotted feet and 2 cross-shaped feet)
	710x550x290		
Flange plate		Flange plate mounting	M6 hexagonal head screws 10 SW
	Yes		
Gland plates		Impact resistance	7 J ATEX version, 10 J version standard
	Bottom		
Integral fixing	4, 6 or 9 stud bolts M6 inner (female) thread	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
Max. payload		Note: protection class	If used in temperature ranges above 105 °C, IP protection is limited to IP 66.
	77 kg		
Number of lid screws	6	Opening angle lid	130 °
Operating temperature, max.	135 °C	Operating temperature, min.	-60 °C
Overall dimensions	363x582x215	Position PE bolts	Enclosure side C
Protection class (UL)	Type 3, Type 4X, Type 12	Protection degree	IP66, IP67
Seal material		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
	Silicone		
Surface finish	electropolished	Torque for lid screws	2.5 Nm

**Housing earth**

Earth, enclosure, internal	Welded-on M6 stainless-steel earth stud in enclosure body and lid.
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**horizontal assembly**

WDU 10 / ZDU 10	2x46	WDU 16 / ZDU 16	1x39
WDU 2,5 / ZDU 2,5 / IDU 2,5	2x91	WDU 35 / ZDU 35	1x29
WDU 4 / ZDU 4	2x76	WDU 6 / ZDU 6	2x58

**vertical assembly**

WDU 10 / ZDU 10	3x26	WDU 16 / ZDU 16	3x22
WDU 2,5 / ZDU 2,5 / IDU 2,5	4x52	WDU 35 / ZDU 35	2x16
WDU 4 / ZDU 4	4x43	WDU 6 / ZDU 6	4x32

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## Technical data

## Classifications

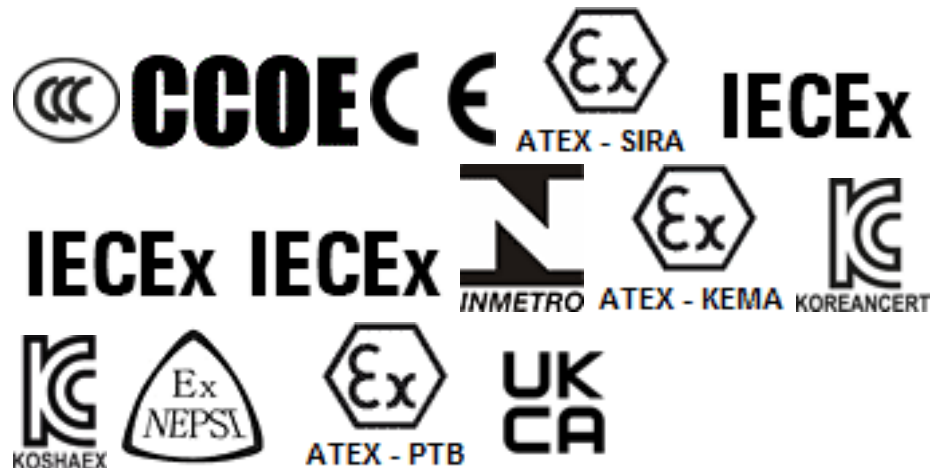
ETIM 6.0	EC002503	ETIM 7.0	EC002503
ETIM 8.0	EC002503	ETIM 9.0	EC002503
ECLASS 9.0	27-18-05-02	ECLASS 9.1	27-18-05-02
ECLASS 10.0	27-18-05-02	ECLASS 11.0	27-18-05-02
ECLASS 12.0	27-18-05-02	ECLASS 13.0	27-18-05-02

## Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	8d5fcdfe-c58e-44e1-a6b4-74d2bbccc9dd

## Approvals

Approvals



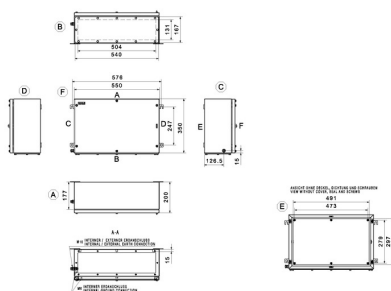
## Downloads

Approval/Certificate/Document of Conformity	<a href="#">Attestation of Conformity - Klippon TB Empty Enclosures - AoC DE PS261X 160309 001ISS06</a> <a href="#">IBEXU14ATEX1028U</a> <a href="#">IBEXU14ATEX1050</a> <a href="#">IECEXIBE14.0004U</a> <a href="#">IECEXIBE14.0013</a> <a href="#">24-01-100099/E24-01-102546/NB10</a> <a href="#">CERTIFICADO - LMP 21.0016U KLIPPON TB</a> <a href="#">CERTIFICADO LMP 21.0017 KLIPPON TB</a> <a href="#">EU Declaration of Conformity - Klippon TB Empty Enclosures - DoC DE PS261X 160412 001ISS03</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

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**Drawings****Dimensioned drawing**

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Depth 15 mm****General ordering data**

Type	TS35X15 ST KTB3555 HOR	Version
Order No.	<a href="#">8000073448</a>	Rail, TS 35, TS 35 x 15, Width: 489 mm, without slot, Steel, galvanic
GTIN (EAN)	4064675356820	zinc plated and passivated
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.	<a href="#">1274150000</a>	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

### Depth 7.5 mm



### General ordering data

Type	TS35X7.5 ST KTB3555 HOR	Version
Order No.	<a href="#">8000073447</a>	Rail, TS 35, TS 35 x 7.5, Width: 489 mm, without slot, Steel, galvanic
GTIN (EAN)	4064675356806	zinc plated and passivated
Qty.	20 pc(s).	

### 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 100X25 S2 2R	Version
Order No.	<a href="#">1257640000</a>	Klippon TB (Terminal Box), Ratings plate holder, Riveted, Height: 25 mm, Width: 141 mm, Depth: 16.5 mm, Material: Stainless steel
GTIN (EAN)	4050118070354	1.4301, Mirror polished, silver
Qty.	1 pc(s).	
Type	TPSDHA KTB 130X50 S2 R	Version
Order No.	<a href="#">1283450000</a>	Klippon TB (Terminal Box), Ratings plate holder, Riveted, Height: 50 mm, Width: 171 mm, Depth: 16.5 mm, Material: Stainless steel
GTIN (EAN)	4050118073621	1.4301, Mirror polished, silver
Qty.	1 pc(s).	
Type	TPSDHA KTB 70X70M3 S2 R	Version
Order No.	<a href="#">1279320000</a>	Klippon TB (Terminal Box), Ratings plate holder, Riveted, Height: 70 mm, Width: 70 mm, Depth: 20 mm, Material: Stainless steel 1.4301,
GTIN (EAN)	4050118070101	Mirror polished, 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	SD FIXING SET	Version
Order No.	<a href="#">1285200000</a>	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.	<a href="#">1252190000</a>	Klippon TB (Terminal Box), Type plate fixings set, Material: Stainless
GTIN (EAN)	4050118043969	steel, rust-proof, untreated, silver
Qty.	1 pc(s).	
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).	



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## Accessories

### Document holders



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#### **Document holders**

Document holders for the proper storage of documents in the enclosure

### General ordering data

Type	DOHA KTB A4 S2 R	Version
Order No.	<a href="#">1252730000</a>	Klippon TB (Terminal Box), Document holders, Riveted, Height: 200
GTIN (EAN)	4050118045383	mm, Width: 240 mm, Depth: 20 mm, Material: Stainless steel 1.4301,
Qty.	1 pc(s).	Mirror polished, silver
Type	DOHA KTB A5 S2 R	Version
Order No.	<a href="#">1252750000</a>	Klippon TB (Terminal Box), Document holders, Riveted, Height: 150
GTIN (EAN)	4050118045390	mm, Width: 180 mm, Depth: 20 mm, Material: Stainless steel 1.4301,
Qty.	1 pc(s).	Mirror polished, silver
Type	DOHA KTB A6 S2 R	Version
Order No.	<a href="#">1252780000</a>	Klippon TB (Terminal Box), Document holders, Riveted, Height: 110
GTIN (EAN)	4050118045512	mm, Width: 130 mm, Depth: 20 mm, Material: Stainless steel 1.4301,
Qty.	1 pc(s).	Mirror polished, silver

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

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## Accessories

## 350 x 550 mm

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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 3555 MSZN	Version
Order No.	<a href="#">2715560000</a>	Klippon TB (Terminal Box), Mounting plate, Height: 295 mm, Width:
GTIN (EAN)	4064675047469	489 mm, Depth: 1.5 mm, Material: Sheet steel, galvanized, silver
Qty.	1 pc(s).	
Type	KTB MOPL 3555 MSZN H	Version
Order No.	<a href="#">2716090000</a>	Klippon TB (Terminal Box), Mounting plate, prepunched, Height:
GTIN (EAN)	4064675047476	295 mm, Width: 489 mm, Depth: 1.5 mm, Material: Sheet steel,
Qty.	1 pc(s).	galvanized, silver