

## KTB QL 916115 S4EO

Weidmüller Interface GmbH & Co. KG  
Klingenbergsstraße 26  
D-32758 Detmold  
Germany

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**Similar to illustration**

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 QL enclosure range offers further improvements to a product line that is already successfully leading the market.

The Klippon® TB QL enclosure series features the following advantages:

- Available in 12 sizes and 3 standard depths
- Equipped with up to 4 gland plates
- The gasket is protected against compression
- Quick-locking cover, comes with a slot as standard
- Improved temperature performance
- IP66 protection
- Earthing stud in the cover and base of the enclosure
- Welded mounting feet
- International approvals

**General ordering data**

Version	Klippon TB QL (Terminal Box - Quarter Lock), Empty enclosure, stainless steel enclosure, Height: 914 mm, Width: 610 mm, Depth: 150 mm, Basic material: Stainless steel 1.4404 (316L), electropolished, silver
Order No.	<a href="#">1200880000</a>
Type	KTB QL 916115 S4EO
GTIN (EAN)	4032248983292
Qty.	1 items

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## Technical data

## Approvals

## Approvals



ROHS	Conform
UL File Number Search	<a href="#">UL Website</a>
Certificate no. (cULus)	E243298

## Dimensions and weights

Depth	150 mm	Depth (inches)	5.9055 inch
Height	914 mm	Height (inches)	35.9842 inch
Width	610 mm	Width (inches)	24.0157 inch
Mounting dimension - height	559 mm	Mounting dimension - width	636 mm
Net weight	18200 g		

## Temperatures

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

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	8d5fcdfe-c58e-44e1-a6b4-74d2bbccc9dd

## Cable glands, left

M63	0	M75	0
M12	70	M50	8
M16	40	M32	12
M25	14	M20	34
M40	10		

## Cable glands, right

M25	14	M63	0
M75	0	M16	40
M40	10	M50	8
M32	12	M20	34
M12	70		

## Cable glands, top/bottom

M20	25	M12	53
M63	0	M40	8

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## Technical data

M32	9
M50	6
M16	29

M25	11
M75	0

## Certificate numbers enclosure

Certificate No. UL Haz.Loc.	E223792
Certificate No. UL Ord.Loc.	E243298
Attestation of Conformatiy No. (AoC)	DE PS261X 160309 001SS06
Certificate No. Electronic Box (NEPSI)	2020322303003289
Certificate no. Terminal Box (KOSHA)	16-AV4BO-0245X
Certificate No. (DNV)	TAE000013S
Certificate No. (CCOE)	P461058_1
Certificate no. empty enclosure (ATEX)	IBExU14ATEX1028 U
Certificate no. (INMETRO)	IEX13.0008U
Certificate no. empty enclosure (IECEx)	IECEx IBE 14.0004U
Certificate No. (ATEX)	KEMA10ATEX0050

Declaration of Conformatiy No. (DoC LVD)	DE PS261X 160412 001SS03
Certificate No. UL 508A	E223801
Certificate No. UL Terminal Box	E223792
Certificate no. empty enclosure (ECAS)	21-09-25241/ E21-09-053807
Certificate no. empty enclosure (INMETRO)	LMP 21.0016U
Certificate no. Terminal Box (AEx)	E223792
Certificate no. Terminal Box (ATEX)	IBExU14ATEX1050
Certificate no. Terminal Box (INMETRO)	LMP 21.0017
Certificate no. Terminal Box (IECEx)	IECExIBE14.0013
Certificate No. (IECEx)	IECExKEM10.0015U
Approval conditions	ATEX, CCoE, DNV, IECEx, INMETRO, KC, NEPSI, CCC, UL AEx Class Div., UL AEx Class Zone, cULus

Certificate no. (cULus)	E243298
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## General information

Material thickness of cover	1.5 mm
Operating temperature, max.	135 °C
Lid attachment	Quarter-turn fastener with slotted insert
Surface finish	electropolished
Protection degree	IP66
Seal material	Silicone
Enclosure attachment	4 welded-on mounting feet with 11 mm holes (2 slotted feet and 2 cross-shaped feet)
Protection class (UL)	Type 3, Type 4X, Type 12
Access opening: width	551 mm
Overall dimensions	914 x 661 x 160
Max. payload	223 kg
Position PE bolts	Enclosure side C

Material thickness of enclosure	1.5 mm
Operating temperature, min.	-60 °C
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
Impact resistance	7 J ATEX version, 10 J version standard
Basic material	Stainless steel 1.4404 (316L)
Integral fixing	4, 6 or 9 stud bolts M6 inner (female) thread
Note: protection class	If used in temperature ranges above 105 °C, IP protection is limited to IP 66.
Dimension of box	800x1070x240
Opening angle lid	130.00 °
Flange plate	No
Access opening: height	861 mm
Areas of use	Explosive risk zone, Process industry, Oil and gas industry, Chemical industry, Offshore, Onshore

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**Technical data****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	6x52	WDU 16 / ZDU 16	5x43
WDU 2,5 / ZDU 2,5 / IDU 2,5	8x102	WDU 35 / ZDU 35	4x32
WDU 4 / ZDU 4	7x85	WDU 6 / ZDU 6	7x64

**vertical assembly**

WDU 10 / ZDU 10	3x82	WDU 16 / ZDU 16	3x68
WDU 2,5 / ZDU 2,5 / IDU 2,5	5x161	WDU 35 / ZDU 35	2x51
WDU 4 / ZDU 4	4x135	WDU 6 / ZDU 6	4x102

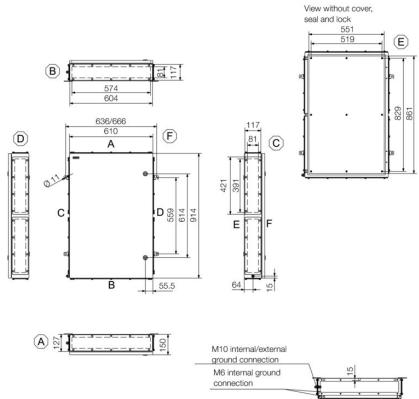
**Classifications**

ETIM 8.0	EC002503	ETIM 9.0	EC002503
ETIM 10.0	EC002503	ECLASS 14.0	27-18-05-02
ECLASS 15.0	27-18-05-02		

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**Drawings**

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## Accessories

914 x 610mm



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 9161 MSZN	Version
Order No.	<a href="#">1194040000</a>	Klippon TB (Terminal Box), Mounting plate, Height: 859 mm, Width: 549 mm, Depth: 12 mm, Basic material: Sheet steel, galvanized, silver
GTIN (EAN)	4050118028638	
Qty.	1 ST	
Type	KTB MOPL 9161 S2N	Version
Order No.	<a href="#">1193910000</a>	Klippon TB (Terminal Box), Mounting plate, Height: 859 mm, Width: 549 mm, Depth: 12 mm, Basic material: Stainless steel 1.4301 (304), untreated, silver
GTIN (EAN)	4050118028522	
Qty.	1 ST	
Type	KTB MOPL 9161 MSZN H	Version
Order No.	<a href="#">2022740000</a>	Klippon TB (Terminal Box), Mounting plate, prepunched, Height: 859 mm, Width: 549 mm, Depth: 12 mm, Basic material: Sheet steel, galvanized, silver
GTIN (EAN)	4050118403299	
Qty.	1 ST	
Type	KTB MOPL 9161 S2N H	Version
Order No.	<a href="#">1257760000</a>	Klippon TB (Terminal Box), Mounting plate, prepunched, Height: 859 mm, Width: 549 mm, Depth: 12 mm, Basic material: Stainless steel 1.4301 (304), untreated, silver
GTIN (EAN)	4050118049343	
Qty.	1 ST	

## Stainless steel 1.4301



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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

Type	KTB RNHD 916115 R	Version
Order No.	<a href="#">1281550000</a>	Klippon TB (Terminal Box), Rain hood, Height: 53.4 mm, Width: 615 mm, Depth: 160.5 mm, Basic material: Stainless steel 1.4301, Mirror polished, silver
GTIN (EAN)	4050118071979	
Qty.	1 ST	

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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 100X25 S2 2R	Version
Order No.	<a href="#">1257640000</a>	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
Type	TPSDHA KTB 130X50 S2 R	Version
Order No.	<a href="#">1283450000</a>	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
Type	TPSDHA KTB 70X70M3 S2 R	Version
Order No.	<a href="#">1279320000</a>	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

## Closure elements



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## Sealing systems

There are different closure systems available for the safe and orderly sealing of the enclosure. There are padlocks for the Klippon® TB MH enclosures and a variety of lock inserts for the Klippon® TB QL enclosures.

## General ordering data

Type	KTB QLH S4 SLS	Version
Order No.	<a href="#">1191610000</a>	Klippon TB (Terminal Box), Closure element, Basic material: Stainless
GTIN (EAN)	4050118137965	steel 1.4404, untreated, silver
Qty.	50 ST	
Type	KTB QLL S2 DB3	Version
Order No.	<a href="#">1191590000</a>	Klippon TB (Terminal Box), Closure element, Basic material: Stainless
GTIN (EAN)	4050118134285	steel 1.4301, untreated, silver
Qty.	50 ST	
Type	KTB QLL S2 SLS	Version
Order No.	<a href="#">1191600000</a>	Klippon TB (Terminal Box), Closure element, Basic material: Stainless
GTIN (EAN)	4050118137989	steel 1.4301, untreated, silver
Qty.	10 ST	

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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, Basic material: Stainless steel, rust-proof, untreated, silver
Qty.	1 ST	
Type	TPSD FIXING SET KTB	Version
Order No.	<a href="#">1252190000</a>	Klippon TB (Terminal Box), Type plate fixings set, Basic material:
GTIN (EAN)	4050118043969	Stainless steel, rust-proof, untreated, silver
Qty.	20 ST	

## 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 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, Basic material: Stainless steel 1.4301, Stainless steel 1.4301 (304), Mirror polished, silver
Qty.	1 ST	

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## Accessories

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, Basic material: Stainless steel
Qty.	1 ST	1.4301, Stainless steel 1.4301 (304), Mirror polished, silver
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, Basic material: Stainless steel
Qty.	1 ST	1.4301, Stainless steel 1.4301 (304), 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 BR SET	Version
Order No.	<a href="#">1192680000</a>	Klippon TB (Terminal Box), Earthing stud, Miscellaneous, Height:
GTIN (EAN)	4032248974641	21 mm, Width: 21 mm, Depth: 48.7 mm, Basic material: Brass, untreated, silver
Qty.	1 ST	
Type	PEBZ M10 KTB S4 SET	Version
Order No.	<a href="#">1192690000</a>	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

## 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

Type	PECD WIRE 6/200/D6 SET	Version
Order No.	<a href="#">2475490000</a>	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)



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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

Type	KTB RNHD XX6115 S4E R	Version
Order No.	<a href="#">1314320000</a>	Klippon TB (Terminal Box), Rain hood, Height: 53.4 mm, Width: 615
GTIN (EAN)	4050118117530	mm, Depth: 160.5 mm, Basic material: Stainless steel 1.4404 (316L), electropolished, silver
Qty.	1 ST	

## Depth 7.5 mm



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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

Type	TS35X7.5 ST KTB9161 HOR	Version
Order No.	<a href="#">8000006729</a>	Rail, TS 35, TS 35 x 7.5, Width: 535 mm, without slot, Steel,
GTIN (EAN)	4050118653021	galvanized, chromium-plated
Qty.	20 ST	
Type	TS35X7.5 ST KTB9161 VER	Version
Order No.	<a href="#">8000006718</a>	Rail, TS 35, TS 35 x 7.5, Width: 845 mm, without slot, Steel,
GTIN (EAN)	4050118652963	galvanized, chromium-plated
Qty.	20 ST	

## 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.	<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, Basic material: Steel, galvanized, galvanic
Qty.	1 ST	zinc plated and passivated, silver

## Depth 15 mm



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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

Type	TS35X15 ST KTB9161 HOR	Version
Order No.	<a href="#">8000073132</a>	Rail, TS 35, TS 35 x 15, Width: 535 mm, without slot, Steel, galvanic
GTIN (EAN)	4064675340881	zinc plated and passivated
Qty.	20 ST	
Type	TS35X15 ST KTB9161 HOR-C	Version
Order No.	<a href="#">8000073133</a>	Rail, TS 35, TS 35 x 15, Width: 535 mm, without slot, Steel, galvanic
GTIN (EAN)	4064675340898	zinc plated and passivated
Qty.	20 ST	
Type	TS35X15 ST KTB9161 VER	Version
Order No.	<a href="#">8000073134</a>	Rail, TS 35, TS 35 x 15, Width: 845 mm, without slot, Steel, galvanic
GTIN (EAN)	4064675340904	zinc plated and passivated
Qty.	20 ST	
Type	TS35X15 ST KTB9161 VER-C	Version
Order No.	<a href="#">8000073135</a>	Rail, TS 35, TS 35 x 15, Width: 845 mm, without slot, Steel, galvanic
GTIN (EAN)	4064675340911	zinc plated and passivated
Qty.	20 ST	

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## Accessories

## Installation material



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## General ordering data

Type	FKSC M6X8 D9/SW3	Version
Order No.	<a href="#">0642600000</a>	Klippon TB (Terminal Box), Mounting screw, Basic material: Steel
GTIN (EAN)	4008190058258	
Qty.	50 ST	