

## KTB QL 626220 S4E1

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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 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 19 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, Height: 620 mm, Width: 620 mm, Depth: 200 mm, Basic material: Stainless steel 1.4404 (316L), electropolished, silver
Order No.	<a href="#">8000109918</a>
Type	KTB QL 626220 S4E1
GTIN (EAN)	4099986760141
Qty.	1 items

**Technical data**

**Approvals**

Approvals



ROHS Conform

**Dimensions and weights**

Depth	200 mm	Depth (inches)	7.874 inch
Height	620 mm	Height (inches)	24.4094 inch
Width	620 mm	Width (inches)	24.4094 inch
Net weight	25690.97 g		

**Temperatures**

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

**Environmental Product Compliance**

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	64dfc213-93f0-4c79-8ffa-c97fa9dcb873

**Cable glands, left**

M63	5	M75	0
M12	75	M50	6
M16	60	M32	9
M25	26	M20	32
M40	8		

**Cable glands, right**

M25	26	M63	5
M75	0	M16	60
M40	8	M50	6
M32	9	M20	32
M12	75		

**Cable glands, top/bottom**

M20	34	M12	84
M63	5	M40	9
M32	11	M25	28
M50	7	M75	0
M16	63		

**KTB QL 626220 S4E1**
**Weidmüller Interface GmbH & Co. KG**

 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany

[www.weidmueller.com](http://www.weidmueller.com)
**Technical data**
**Certificate numbers enclosure**

Certificate No. UL Haz.Loc.	E223792	Declaration of Conformity No. (DoC LVD)	DE PS261X 160412 001ISS03
Certificate No. UL Ord.Loc.	E243298	Certificate No. UL 508A	E223801
Attestation of Conformity No. (AoC)	DE PS261X 160309 001ISS06	Certificate No. UL Terminal Box	E223792
Certificate no. empty enclosure (INMETRO)	LMP 21.0016U	Certificate no. Terminal Box (ATEX)	IBExU14ATEX1050
Certificate no. empty enclosure (ATEX)	IBExU14ATEX1028 U	Certificate no. Terminal Box (INMETRO)	LMP 21.0017
Certificate no. Terminal Box (IECEX)	IECEXIBE14.0013	Certificate no. empty enclosure (IECEX)	IECEX IBE 14.0004U
Approval conditions	ATEX, IECEX, INMETRO, cULus		

**General information**

Material thickness of cover	1.5 mm	Material thickness of flange	3 mm
Material thickness of enclosure	1.5 mm	Material thickness	1.5 mm
Silicone	Yes	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	electropolished
Impact resistance	10 J version standard, 7 joules in acc. with IEC 60079-0	Protection degree	IP66, IP67
Basic material	Stainless steel 1.4404 (316L)	Seal material	Silicone
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)
Seal material of cover	Silicone	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	Seal material of flange plate	Silicone
Protection class (UL)	Type 3, Type 4X, Type 12	Opening angle lid	130.00 °
Flange plate	No	Lid	Yes
Position PE bolts	Enclosure side C	Areas of use	Explosive risk zone, Process industry, Oil and gas industry, Chemical industry, Offshore, Onshore

**Housing earth**

Earth, enclosure, cover	Welded-on M6 stainless-steel earth stud in enclosure body and lid.	Earth, enclosure, external	Continuous M10 earth stud in body enclosure
Earth, enclosure, internal	Welded-on M6 stainless-steel earth stud in enclosure body and lid.		

## KTB QL 626220 S4E1

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26  
D-32758 Detmold  
Germany

[www.weidmueller.com](http://www.weidmueller.com)

## Technical data

### horizontal assembly

WDU 10 / ZDU 10	4x49	WDU 16 / ZDU 16	3x42
WDU 2,5 / ZDU 2,5 / IDU 2,5	5x101	WDU 35 / ZDU 35	2x31
WDU 4 / ZDU 4	5x83	WDU 6 / ZDU 6	4x62
Fuse holder available	No		

### vertical assembly

WDU 10 / ZDU 10	4x49	WDU 16 / ZDU 16	3x42
WDU 2,5 / ZDU 2,5 / IDU 2,5	5x101	WDU 35 / ZDU 35	2x31
WDU 4 / ZDU 4	5x83	WDU 6 / ZDU 6	4x62

### 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		

## KTB QL 626220 S4E1

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

www.weidmueller.com

## Accessories

### 620 x 620mm



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 6262 MSZN	Version
Order No.	<a href="#">8000110200</a>	Klippon TB (Terminal Box), Mounting plate, Height: 565 mm, Width: 559 mm, Depth: 12 mm, Basic material: Sheet steel, galvanized, silver
GTIN (EAN)	4099986779372	
Qty.	1 ST	
Type	KTB MOPL 6262 MSZN H	Version
Order No.	<a href="#">8000115919</a>	Klippon TB (Terminal Box), Mounting plate, Height: 565 mm, Width: 559 mm, Depth: 12 mm, Basic material: Sheet steel, galvanized, silver
GTIN (EAN)	4099986783072	
Qty.	1 ST	
Type	KTB MOPL 6262 S2N H	Version
Order No.	<a href="#">8000115908</a>	Klippon TB (Terminal Box), Mounting plate, Height: 565 mm, Width: 559 mm, Depth: 12 mm, Basic material: Stainless steel 1.4301 (304), untreated, silver
GTIN (EAN)	4099986782976	
Qty.	1 ST	

### 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.	<a href="#">1279320000</a>	Klippon TB (Terminal Box), Ratings plate holder, Riveted, Height: 70 mm, Width: 70 mm, Depth: 20 mm, Basic material: Stainless steel 1.4301, Stainless steel 1.4301 (304), Mirror polished, silver
GTIN (EAN)	4050118070101	
Qty.	1 ST	

## KTB QL 626220 S4E1

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26  
D-32758 Detmold  
Germany

www.weidmueller.com

## Accessories

### Closure elements



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.

**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	

### 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.

**KTB QL 626220 S4E1**

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

www.weidmueller.com

**Accessories**

**General ordering data**

Type	SD FIXING SET	Version
Order No.	<a href="#">1285200000</a>	Klippon TB (Terminal Box), Identification plate fixing set, Height: 12 mm, Width: 12 mm, Depth: 16.4 mm, Basic material: Stainless steel, rust-proof, untreated, silver
GTIN (EAN)	4050118075472	
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: Stainless steel, rust-proof, untreated, silver
GTIN (EAN)	4050118043969	
Qty.	20 ST	

**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.	<a href="#">1192680000</a>	Klippon TB (Terminal Box), Earthing stud, Miscellaneous, Height: 21 mm, Width: 21 mm, Depth: 48.7 mm, Basic material: Brass, untreated, silver
GTIN (EAN)	4032248974641	
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 mm, Width: 21 mm, Depth: 48.7 mm, Basic material: Stainless steel
GTIN (EAN)	4032248974658	
Qty.	1 ST	1.4404 (316L), untreated, silver

**TS 20**



**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	TS20/CX10 ST ZN 6262 HOR	Version
Order No.	<a href="#">8000117055</a>	Klippon TB (Terminal Box), Enclosures, with slot, Height: 20 mm, Width: 566 mm, Depth: 10 mm, Basic material: Steel, galvanized, silver
GTIN (EAN)	4099986829947	
Qty.	20 ST	
Type	TS20/CX10 ST ZN 6262 VER	Version
Order No.	<a href="#">8000117042</a>	Klippon TB (Terminal Box), Enclosures, straight, Height: 20 mm, Width: 566 mm, Depth: 10 mm, Basic material: Steel, galvanized, silver
GTIN (EAN)	4099986829848	
Qty.	20 ST	

## KTB QL 626220 S4E1

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

www.weidmueller.com

## Accessories

### Depth 15 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	TS35X15 ST KTB6262 HOR	Version
Order No.	<a href="#">8000116375</a>	Klippon TB (Terminal Box), Enclosures, without slot, Height: 35 mm,
GTIN (EAN)	4099986820838	Width: 545 mm, Depth: 15 mm, Basic material: Steel, galvanic zinc
Qty.	20 ST	plated and passivated, silver
Type	TS35X15 ST KTB6262 VER	Version
Order No.	<a href="#">8000116357</a>	Klippon TB (Terminal Box), Enclosures, without slot, Height: 35 mm,
GTIN (EAN)	4099986820739	Width: 551 mm, Depth: 15 mm, Basic material: Steel, galvanic zinc
Qty.	20 ST	plated and passivated, 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 KTB6262 HOR	Version
Order No.	<a href="#">8000116115</a>	Klippon TB (Terminal Box), Enclosures, without slot, Height: 35 mm,
GTIN (EAN)	4099986820630	Width: 545 mm, Depth: 7.5 mm, Basic material: Steel, galvanic zinc
Qty.	20 ST	plated and passivated, silver
Type	TS35X7.5 ST KTB6262 VER	Version
Order No.	<a href="#">8000116105</a>	Klippon TB (Terminal Box), Enclosures, without slot, Height: 35 mm,
GTIN (EAN)	4099986820517	Width: 551 mm, Depth: 7.5 mm, Basic material: Steel, galvanic zinc
Qty.	20 ST	plated and passivated, silver

## KTB QL 626220 S4E1

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

[www.weidmueller.com](http://www.weidmueller.com)

## Accessories

### 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: 8.5 mm, Depth: 8.5 mm, Basic material: Steel, galvanized, galvanic zinc plated and passivated, silver	
GTIN (EAN)	4050118063820		
Qty.	1 ST		

### 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.	<a href="#">0642600000</a>	Klippon TB (Terminal Box), Mounting screw, Basic material: Steel	
GTIN (EAN)	4008190058258		
Qty.	50 ST		