

KTB QL 352620 S4E1**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**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: 350 mm, Width: 260 mm, Depth: 200 mm, Gland plates: Bottom, Material: Stainless steel 1.4404 (316L), electropolished, silver
Order No.	1200170000
Type	KTB QL 352620 S4E1
GTIN (EAN)	4032248983094
Qty.	1 pc(s).

KTB QL 352620 S4E1
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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	260 mm	Width (inches)	10.236 inch
Mounting dimension - height	250 mm	Mounting dimension - width	286 mm
Net weight	8,000 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	38	M16	26
M20	17	M25	14
M32	7	M40	6
M50	3	M63	2
M75	2		

Cable glands, right

M12	38	M16	26
M20	17	M25	14
M32	7	M40	6
M50	3	M63	2
M75	2		

Cable glands, top/bottom

M12	33	M16	22
M20	14	M25	12
M32	6	M40	5
M50	2	M63	2
M75	1		

Certificate numbers enclosure

Approval conditions	ATEX, CCoE, DNV, IECEx, INMETRO, KC, NEPSI, CCC, UL AEx Class Div., UL AEx Class Zone, cULus	Attestation of Conformatiy No. (AoC)	
Certificate No. (ATEX)	KEMA10ATEX0051	Certificate No. (CCOE)	DE PS261X 160309 001ISS03
Certificate No. (DNV)	TAE000013S	Certificate No. (IECEX)	P461058_1
Certificate No. Electronic Box (NEPSI)	2020322303003289	Certificate No. UL 508A	IECEXKEM10.0015U
Certificate No. UL Haz.Loc.	E223792	Certificate No. UL Ord.Loc.	E223801
Certificate No. UL Terminal Box	E223792	Certificate no. (INMETRO)	E243298
Certificate no. (cULus)	E243298	Certificate no. Terminal Box (AEx)	IEX13.0009
Certificate no. Terminal Box (ATEX)	IBExU14ATEX1050	Certificate no. Terminal Box (IECEX)	E223792
Certificate no. Terminal Box (INMETRO)	LMP 21.0017	Certificate no. Terminal Box (KOSHA)	IECEXIBE14.0013
Certificate no. empty enclosure (ATEX)	IBExU14ATEX1028 U	Certificate no. empty enclosure (ECAS)	16-AV4BO-0245X
Certificate no. empty enclosure (IECEX)	IECEX IBE 14.0004U	Certificate no. empty enclosure (ECAS)	21-09-25241/ E21-09-053807
Declaration of Conformatiy No. (DoC LVD)	DE PS261X 160412 001ISS02	Certificate no. empty enclosure (INMETRO)	LMP 21.0016U

Creation date July 7, 2024 6:08:18 PM CEST

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Technical data
General information

AF size	10 mm	Access opening: height	297 mm
Access opening: width		Areas of use	Explosive risk zone, Process industry, Oil and gas industry, Chemical industry, Offshore, Onshore
	201 mm		
Dimension of box		Enclosure attachment	4 welded-on mounting feet with 11 mm holes (2 slotted feet and 2 cross-shaped feet)
	450x510x290		
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	Quarter-turn fastener with slotted insert
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.
	36 kg		
Opening angle lid	130 °	Operating temperature, max.	135 °C
Operating temperature, min.	-60 °C	Overall dimensions	361 x 311 x 210
Position PE bolts	Enclosure side C	Protection class (UL)	Type 3, Type 4X, Type 12
Protection degree	IP66	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

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	2x17	WDU 16 / ZDU 16	1x14
WDU 2,5 / ZDU 2,5 / IDU 2,5	2x34	WDU 35 / ZDU 35	1x11
WDU 4 / ZDU 4	2x29	WDU 6 / ZDU 6	2x22

vertical assembly

WDU 10 / ZDU 10	1x27	WDU 16 / ZDU 16	1x22
WDU 2,5 / ZDU 2,5 / IDU 2,5	2x53	WDU 4 / ZDU 4	1x44
WDU 6 / ZDU 6	1x33		

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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



ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E243298

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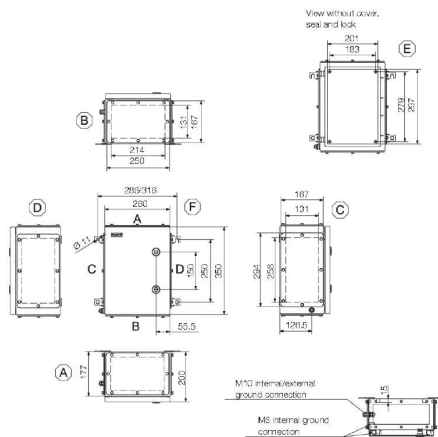
Approval/Certificate/Document of Conformity	CCC 2020322303002358 KTB Assembly Enclosure
	CCC 2020322303002357 KTB Empty Enclosure
	Attestation of Conformity - Klippon TB Empty Enclosures - AoC DE PS261X 160309 001ISS06
	IBEXU14ATEX1028U
	IBEXU14ATEX1050
	IECEXIBE14.0004U
	IECEXIBE14.0013
	TAE000013S
	GYJ14.1310X
	IECEXPTB11.0071
	PTB11ATEX2019
	16-AV4BO-245X
	P4610581_1
	24-01-100099/E24-01-102546/NB10
	LMP 21.0017 - CAIXA DE JUNÇÃO KLIPPON TB - KTB MH QL FS
	CERTIFICADO - LMP 21.0016U KLIPPON TB
	CERTIFICADO LMP 21.0017 KLIPPON TB
Engineering Data	EU Declaration of Conformity - Klippon TB Empty Enclosures - DoC DE PS261X 160412 001ISS03
	DoM Railway applications - Fire protection on railway vehicles
Tender specification	CAD data – STEP
User Documentation	Klippon TB QL 352620 S4E1_1200170000_DE
	Klippon TB QL 352620 S4E1_1200170000_EN
Catalogues	Klippon TB QL 352620 S4E1_1200170000_NL
Brochures	Assembly guidelines - empty enclosures
	Catalogues in PDF-format
	MB OVERV. PROCESS WD DE
	MB KLIPPON ENCL.TECN EN
	MB PROCESS EN
	FL WIND 2012 EN
	FL APPL PROCESS EN
	FL SHIPBUILDING 2016 EN
	FL RAILWAY 2014 EN
	PI KLIPPON TB MH QL EN
	PI KLIPPON TB MH QL EN

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Drawings



KTB QL 352620 S4E1

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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	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).	
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, Material: Stainless steel, rust-
Qty.	1 pc(s).	proof, untreated, silver
Type	FKSC M6X8 D9/SW3	Version
Order No.	0642600000	Klippon TB (Terminal Box), Mounting screw, Material: Steel
GTIN (EAN)	4008190058258	
Qty.	50 pc(s).	

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Accessories

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

Type	KTB GP 352620 AB S4 PE	Version
Order No.	2023230000	Klippon TB (Terminal Box), flange plate, straight, Height: 250 mm,
GTIN (EAN)	4050118403985	Width: 167 mm, Depth: 3 mm, Gland plates: top, Bottom, Material:
Qty.	1 pc(s).	Stainless steel 1.4404, electropolished, silver

350 x 260mm



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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 3526 S2N H	Version
Order No.	1257680000	Klippon TB (Terminal Box), Mounting plate, prepunched, Height: 295 mm, Width: 199 mm, Depth: 1.5 mm, Material: Stainless steel 1.4301
GTIN (EAN)	4050118049282	(304), untreated, silver
Qty.	1 pc(s).	
Type	KTB MOPL 3526 MSZN	Version
Order No.	1193970000	Klippon TB (Terminal Box), Mounting plate, Height: 295 mm, Width: 199 mm, Depth: 1.5 mm, Material: Sheet steel, galvanized, silver
GTIN (EAN)	4050118028577	
Qty.	1 pc(s).	
Type	KTB MOPL 3526 S2N	Version
Order No.	1193840000	Klippon TB (Terminal Box), Mounting plate, Height: 295 mm, Width: 199 mm, Depth: 1.5 mm, Material: Stainless steel 1.4301 (304), untreated, silver
GTIN (EAN)	4050118028447	
Qty.	1 pc(s).	
Type	KTB MOPL 3526 MSZN H	Version
Order No.	2022310000	Klippon TB (Terminal Box), Mounting plate, prepunched, Height: 295 mm, Width: 199 mm, Depth: 1.5 mm, Material: Sheet steel, galvanized, silver
GTIN (EAN)	4050118403633	
Qty.	1 pc(s).	

KTB QL 352620 S4E1

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Accessories

Depth 7.5 mm



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 pc(s).	
Type	TS35X7.5 ST KTB3526 VER	Version
Order No.	8000006711	Rail, TS 35, TS 35 x 7.5, Width: 295 mm, without slot, Steel,
GTIN (EAN)	4050118652840	galvanized, chromium-plated
Qty.	20 pc(s).	

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	KTBLQH S4 SLS	Version
Order No.	1191610000	Klippon TB (Terminal Box), Closure element, Material: Stainless steel
GTIN (EAN)	4050118137965	1.4404, untreated, silver
Qty.	50 pc(s).	
Type	KTBLQL S2 SLS	Version
Order No.	1191600000	Klippon TB (Terminal Box), Closure element, Material: Stainless steel
GTIN (EAN)	4050118137989	1.4301, untreated, silver
Qty.	10 pc(s).	
Type	KTBLQL S2 DB3	Version
Order No.	1191590000	Klippon TB (Terminal Box), Closure element, Material: Stainless steel
GTIN (EAN)	4050118134285	1.4301, untreated, silver
Qty.	50 pc(s).	

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Accessories

Gland plates without earthing studs



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Flange plates

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

General ordering data

Type	KTB GP 352620 AB S4	Version
Order No.	1281010000	Klippon TB (Terminal Box), flange plate, straight, Height: 250 mm,
GTIN (EAN)	4050118071795	Width: 167 mm, Depth: 3 mm, Gland plates: top, Bottom, Material:
Qty.	1 pc(s).	Stainless steel 1.4404, electropolished, silver

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 352620 R	Version
Order No.	1281420000	Klippon TB (Terminal Box), Rain hood, Height: 55.9 mm, Width: 265
GTIN (EAN)	4050118072099	mm, Depth: 211.2 mm, Material: Stainless steel 1.4301, Mirror
Qty.	1 pc(s).	polished, silver

KTB QL 352620 S4E1

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Accessories

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.	2475490000	Klippon TB (Terminal Box), Grounding strap, Sscrewed, Material: Steel,
GTIN (EAN)	4050118487206	Green/yellow
Qty.	1 pc(s).	

Depth 15 mm



General ordering data

Type	TS35X15 ST KTB3526 HOR	Version
Order No.	8000073113	Rail, TS 35, TS 35 x 15, Width: 199 mm, without slot, Steel, galvanic
GTIN (EAN)	4064675340669	zinc plated and passivated
Qty.	20 pc(s).	
Type	TS35X15 ST KTB3526 VER	Version
Order No.	8000073114	Rail, TS 35, TS 35 x 15, Width: 295 mm, without slot, Steel, galvanic
GTIN (EAN)	4064675340676	zinc plated and passivated
Qty.	20 pc(s).	

KTB QL 352620 S4E1

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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 A6 S2 R	Version
Order No.	1252780000	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

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

KTB QL 352620 S4E1

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Accessories

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

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 130X50 S2 R	Version
Order No.	1283450000	Klippon TB (Terminal Box), Ratings plate holder, Riveted, Height:
GTIN (EAN)	4050118073621	50 mm, Width: 171 mm, Depth: 16.5 mm, Material: Stainless steel
Qty.	1 pc(s).	1.4301, Mirror polished, silver
Type	TPSDHA KTB 100X25 S2 2R	Version
Order No.	1257640000	Klippon TB (Terminal Box), Ratings plate holder, Riveted, Height:
GTIN (EAN)	4050118070354	25 mm, Width: 141 mm, Depth: 16.5 mm, Material: Stainless steel
Qty.	1 pc(s).	1.4301, Mirror polished, silver
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

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Accessories

Gland plates made out of stainless steel - 6 mm



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Flange plates

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

General ordering data

Type	KTB GP 352620 AB S4 6MM	Version
Order No.	1256410000	Klippon TB (Terminal Box), flange plate, straight, Height: 250 mm,
GTIN (EAN)	4050118093810	Width: 167 mm, Depth: 6 mm, Gland plates: top, Bottom, Material:
Qty.	1 pc(s).	Stainless steel 1.4404, electropolished, silver

Stainless steel 1.4404 (316L)



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Rain Covers

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General ordering data

Type	KTB RNHD XX2620 S4E R	Version
Order No.	1314150000	Klippon TB (Terminal Box), Rain hood, Height: 55.9 mm, Width: 265
GTIN (EAN)	4050118117516	mm, Depth: 211.2 mm, Material: Stainless steel 1.4404 (316L),
Qty.	1 pc(s).	electropolished, silver