

**Klippon TB QL (Terminal Box - Quarter Lock)
KTB QL 262615 S4E4**

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Product image

Abbildung ähnlich

Stainless steel enclosures for use in areas exposed to explosion hazards

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

General ordering data

Type	KTB QL 262615 S4E4
Order No.	1199940000
Version	Klippon TB QL (Terminal Box - Quarter Lock), Empty enclosure, stainless steel enclosure, Height: 260 mm, Width: 260 mm, Depth: 150 mm, Gland plates: Bottom, top, left, right, Material: Stainless steel 1.4404 (316L), electropolished, silver
GTIN (EAN)	4032248982745
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Width	260 mm	Width (inches)	10.236 inch
Height	260 mm	Height (inches)	10.236 inch
Depth	150 mm	Depth (inches)	5.905 inch
Mounting dimension - width	316 mm	Mounting dimension - height	170 mm
Net weight	7,710 g		

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

Cable glands, left

M12	15	M16	8
M20	7	M25	3
M32	2	M40	2
M50	2	M63	0
M75	0		

Cable glands, right

M12	15	M16	8
M20	7	M25	3
M32	2	M40	2
M50	2	M63	0
M75	0		

Cable glands, top/bottom

M12	20	M16	11
M20	9	M25	4
M32	3	M40	3
M50	2	M63	0
M75	0		

Certificate numbers enclosure

Certificate no. assembled enclosure (ATEX)	IBExU14ATEX1050	Certificate no. empty enclosure (ATEX)	IBExU14ATEX1028 U
Certificate no. assembled enclosure (IECEX)	IECEXIBE14.0013	Certificate no. empty enclosure (IECEX)	IECEX IBE 14.0004U
Certificate no., assembled enclosure (EAC)	RU C-DE.ГБ08.B.01328	Certificate no., empty enclosure (EAC)	RU C-DE.ГБ08.B.00472
Certificate no. assembled enclosure (INMETRO)	IEEx 17.0021	Certificate no. empty enclosure (INMETRO)	IEEx 17.0020U
Certificate no. assembled enclosure (AEx)	E223792	Certificate no. empty enclosure (NEPSI)	GYJ14.1308U
Certificate no. assembled enclosure (NEPSI)	GYJ14.1309	Certificate no., assembled enclosure (KOSHA)	16-AV4BO-0245X
Certificate no. (cULus)	E243298	Certificate No. (CCOE)	P461058_1

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General information

AF size 1	10 mm	Access opening: height	207 mm
Access opening: width		Areas of use	Explosive risk zone, Process industry, Oil and gas industry, Chemical industry, Offshore, Onshore
	201 mm		
Gland plates	Bottom, top, left, right	Installation advice	Terminal rail / mounting plate
Material thickness	1.5 mm	Material thickness of cover	1.5 mm
Material thickness of flange	3 mm	Max. payload	27 kg
Opening angle lid	130 °	Overall dimensions	282 x 341 x 160
Position PE bolts		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
	Page C		
Material	Stainless steel 1.4404 (316L)	Seal material	Silicone
Surface finish	electropolished	Operating temperature, min.	-60 °C
Operating temperature, max.	135 °C	Impact resistance	7 J ATEX version, 10 J version standard
Protection degree		Note: protection class	If used in temperature ranges above 105 °C, IP protection is limited to IP 66.
	IP66		
Enclosure attachment	4 welded-on mounting feet with 11 mm holes (2 slotted feet and 2 cross-shaped feet)	Lid attachment	Quarter-turn fastener with slotted insert
Integral fixing	4, 6 or 9 stud bolts M6 inner (female) thread		

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

vertical assembly

WDU 10 / ZDU 10	1x18	WDU 16 / ZDU 16	1x15
WDU 2,5 / ZDU 2,5 / IDU 2,5	2x35	WDU 4 / ZDU 4	1x30
WDU 6 / ZDU 6	1x22		

Classifications

ETIM 6.0	EC002503	ETIM 7.0	EC002503
eClass 9.0	27-18-05-02	eClass 9.1	27-18-05-02
eClass 10.0	27-18-05-02		

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Product information

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Minimum Order Quantity is applicable (20 pcs.).

**Customer specific test is required for application compliance.

Approvals

Approvals



ROHS

Conform

Downloads

Approval/Certificate/Document of Conformity	Attestation of Conformity - Klippon TB Empty Enclosures - AoC DE PS261X 160309 001ISS01 EU Declaration of Conformity - Klippon TB Empty Enclosures - DoC DE PS261X 160412 001ISS01
Brochure/Catalogue	MB OVERV. PROCESS WD DE MB KLIPPON ENCL.TECN EN MB PROCESS EN CAT 5 ENCL 17/18 EN FL WIND 2012 EN FL APPL PROCESS EN FL SHIPBUILDING 2016 EN FL RAILWAY 2014 EN PI KLIPPON TB MH QL EN
Engineering Data	EPLAN, WSCAD
Engineering Data	STEP
Tender specification	Klippon TB QL 262615 S4E4_1199940000_DE Klippon TB QL 262615 S4E4_1199940000_EN Klippon TB QL 262615 S4E4_1199940000_NL
User Documentation	MB KLIPPON ENCL.TECN DE Assembly guidelines - empty enclosures

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Accessories

Earthing stud



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

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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.	1192690000	Klippon TB (Terminal Box), Earthing stud, Miscellaneous, Material:
GTIN (EAN)	4032248974658	Stainless steel 1.4404, untreated, silver
Qty.	1 pc(s).	
Type	PEBZ M10 KTB BR SET	Version
Order No.	1192680000	Klippon TB (Terminal Box), Earthing stud, Miscellaneous, Material:
GTIN (EAN)	4032248974641	Brass, untreated, silver
Qty.	1 pc(s).	

with earthing studs



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Flange plates

Flange plates in two thicknesses, for easy replacement of pre-assembled flange plates on site.

General ordering data

Type	KTB GP 262615 AB S4 PE	Version
Order No.	2022930000	Klippon TB (Terminal Box), flange plate, Height: 254 mm, Width: 117
GTIN (EAN)	4050118403824	mm, Depth: 3 mm, Gland plates: top, Bottom, electropolished, silver
Qty.	1 pc(s).	
Type	KTB GP 262615 CD S4 PE	Version
Order No.	2023090000	Klippon TB (Terminal Box), flange plate, Height: 208 mm, Width: 117
GTIN (EAN)	4050118403800	mm, Depth: 3 mm, Gland plates: left, right, electropolished, 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 you can 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, Material:
GTIN (EAN)	4050118075472	Stainless steel, rust-proof, untreated, silver
Qty.	1 pc(s).	
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).	

Flange plates made out of stainless steel - 6 mm



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Flange plates

Flange plates in two thicknesses, for easy replacement of pre-assembled flange plates on site.

General ordering data

Type	KTB GP 262615 CD S4 6MM	Version
Order No.	1256310000	Klippon TB (Terminal Box), flange plate, Height: 208 mm, Width: 117
GTIN (EAN)	4050118093728	mm, Depth: 6 mm, Gland plates: left, right, Material: Stainless steel
Qty.	1 pc(s).	1.4404, electropolished, silver

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Accessories

Type	KTB GP 262615 AB S4 6MM	Version
Order No.	1256290000	Klippon TB (Terminal Box), flange plate, Height: 254 mm, Width: 117
GTIN (EAN)	4050118093711	mm, Depth: 6 mm, Gland plates: top, Bottom, Material: Stainless steel
Qty.	1 pc(s).	1.4404, electropolished, silver

TS 35



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The following options are available:

- Document holders
- Flange plates
- Mounting plates
- Locking systems
- Type label holders
- Rain hoods
- Earthing studs

General ordering data

Type	TS35X7.5 ST KTB3526 HOR	Version
Order No.	8000006721	Rail, TS 35, TS 35 x 7.5, Length: 199 mm, without slot, Steel,
GTIN (EAN)	4050118652895	galvanized, chromium-plated
Qty.	20 pc(s).	

Type	TS35X7.5 ST KTB2626 VER	Version
Order No.	8000006709	Rail, TS 35, TS 35 x 7.5, Length: 205 mm, without slot, Steel,
GTIN (EAN)	4050118652826	galvanized, chromium-plated
Qty.	20 pc(s).	

without earthing studs



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Flange plates

Flange plates in two thicknesses, for easy replacement of pre-assembled flange plates on site.

General ordering data

Type	KTB GP 262615 AB S4	Version
Order No.	1280910000	Klippon TB (Terminal Box), flange plate, Height: 254 mm, Width: 117
GTIN (EAN)	4050118071511	mm, Depth: 3 mm, Gland plates: top, Bottom, Material: Stainless steel
Qty.	1 pc(s).	1.4404, electropolished, silver

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Accessories

Type	KTB GP 262615 CD S4	Version
Order No.	1280920000	Klippon TB (Terminal Box), flange plate, Height: 208 mm, Width: 117
GTIN (EAN)	4050118071528	mm, Depth: 3 mm, Gland plates: left, right, Material: Stainless steel
Qty.	1 pc(s).	1.4404, electropolished, 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 QLL S2 DB3	Version
Order No.	1191590000	Klippon TB (Terminal Box), Closure element, Material: Stainless steel
GTIN (EAN)	4050118134285	1.4301, untreated, silver
Qty.	10 pc(s).	
Type	KTB QLH 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	KTB QLL 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).	

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Accessories

Ratings plate 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 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
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 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

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 262615 S4E R	Version
Order No.	1314100000	Klippon TB (Terminal Box), Rain hood, Height: 53.9 mm, Width: 265
GTIN (EAN)	4050118117455	mm, Depth: 160.5 mm, Material: Stainless steel 1.4404 (316L),
Qty.	1 pc(s).	electropolished, silver

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Accessories

260 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 2626 MSZN H	Version
Order No.	2022060000	Klippon TB (Terminal Box), Mounting plate, prepunched, Height:
GTIN (EAN)	4050118403503	205 mm, Width: 199 mm, Depth: 1.5 mm, Material: Sheet steel,
Qty.	1 pc(s).	galvanized, silver
Type	KTB MOPL 2626 S2N H	Version
Order No.	1257660000	Klippon TB (Terminal Box), Mounting plate, prepunched, Height: 205
GTIN (EAN)	4050118049084	mm, Width: 199 mm, Depth: 1.5 mm, Material: Stainless steel 1.4301
Qty.	1 pc(s).	(304), untreated, silver
Type	KTB MOPL 2626 S2N	Version
Order No.	1193820000	Klippon TB (Terminal Box), Mounting plate, Height: 205 mm, Width:
GTIN (EAN)	4050118028423	199 mm, Depth: 12 mm, Material: Stainless steel 1.4301 (304),
Qty.	1 pc(s).	untreated, silver
Type	KTB MOPL 2626 MSZN	Version
Order No.	1193950000	Klippon TB (Terminal Box), Mounting plate, Height: 205 mm, Width:
GTIN (EAN)	4050118028119	199 mm, Depth: 12 mm, Material: Sheet steel, galvanized, silver
Qty.	1 pc(s).	

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

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

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Accessories

Type	DOHA KTB A6 S2 W	Version
Order No.	1252760000	Klippon TB (Terminal Box), Document holders, welded, Height: 110
GTIN (EAN)	4050118045130	mm, Width: 130 mm, Depth: 20 mm, Material: Stainless steel 1.4301,
Qty.	1 pc(s).	Mirror polished, silver

Mounting plates fastening



For many years, the name Klippon® has stood for competence and quality in enclosures.

The Klippon® EBi industrial enclosure series protects your components reliably if they are used in moderate environmental conditions and is designed for everyday applications.

With the ever-increasing need for individual application solutions, the Klippon® EBi with its high degree of protection and impact resistance is ideally suited to your needs.

Our standard product is the Klippon® EBi QL – with hinged door and double-bit key lock.

A variant with mounting screws is also available, but is only manufactured on request and is subject to a minimum order quantity. DNV GL and cULus approvals are also available on request.

General ordering data

Type	GFSC M5X10 TX20 SET	Version
Order No.	1274150000	Klippon EBi (Essential Box industrial), Mounting screw, silver
GTIN (EAN)	4050118063820	
Qty.	1 pc(s).	

Stainless steel 1.4301



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General ordering data

Type	KTB RNHD 262615 R	Version
Order No.	1281370000	Klippon TB (Terminal Box), Rain hood, Height: 53.9 mm, Width: 265
GTIN (EAN)	4050118072136	mm, Depth: 160.5 mm, Material: Stainless steel 1.4301, Mirror
Qty.	1 pc(s).	polished, silver