

## Klippon TB QL (Terminal Box - Quarter Lock) KTB QL 624520 S4E1

**Weidmüller Interface GmbH & Co. KG**  
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Germany  
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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 624520 S4E1
Order No.	<a href="#">1200730000</a>
Version	Klippon TB QL (Terminal Box - Quarter Lock), Empty enclosure, stainless steel enclosure, Height: 620 mm, Width: 450 mm, Depth: 200 mm, Gland plates: Bottom, Material: Stainless steel 1.4404 (316L), electropolished, silver
GTIN (EAN)	4032248983216
Qty.	1 pc(s).

Creation date August 16, 2020 6:14:45 AM CEST

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

Width	450 mm	Width (inches)	17.716 inch
Height	620 mm	Height (inches)	24.409 inch
Depth	200 mm	Depth (inches)	7.874 inch
Mounting dimension - width	476 mm	Mounting dimension - height	450 mm
Net weight	14,340 g		

**Environmental Product Compliance**

REACH SVHC Lead 7439-92-1

**Cable glands, left**

M12	80	M16	54
M20	36	M25	30
M32	17	M40	14
M50	6	M63	5
M75	4		

**Cable glands, right**

M12	80	M16	54
M20	36	M25	30
M32	17	M40	14
M50	6	M63	5
M75	4		

**Cable glands, top/bottom**

M12	63	M16	42
M20	27	M25	23
M32	12	M40	10
M50	4	M63	4
M75	3		

**Certificate numbers enclosure**

Certificate no. Terminal Box (ATEX)	IBExU14ATEX1050	Certificate no. empty enclosure (ATEX)	IBExU14ATEX1028 U
Certificate no. Terminal Box (IECEX)	IECEXIBE14.0013	Certificate no. empty enclosure (IECEX)	IECEX IBE 14.0004U
Certificate no. Terminal Box (EAC)	RU C-DE.ГБ08.B.01328	Certificate no., empty enclosure (EAC)	RU C-DE.ГБ08.B.00472
Certificate no. Terminal Box (INMETRO)	IEEx 17.0021	Certificate no. empty enclosure (INMETRO)	IEEx 17.0020U
Certificate no. Terminal Box (AEx)	E223792	Certificate no. empty enclosure (NEPSI)	GYJ14.1308U
Certificate no. Terminal Box (NEPSI)	GYJ14.1309	Certificate no. Terminal Box (KOSHA)	16-AV4BO-0245X
Certificate no. (cULus)	E243298	Certificate No. (CCOE)	P461058_1
Certificate No. (DNVGL)	TAE000013S		

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## Technical data

### General information

AF size 1	10 mm	Access opening: height	567 mm
Access opening: width		Areas of use	Explosive risk zone, Process industry, Oil and gas industry, Chemical industry, Offshore, Onshore
	391 mm	Installation advice	Terminal rail / mounting plate
Gland plates	Bottom	Material thickness of cover	1.5 mm
Material thickness	1.5 mm	Max. payload	112 kg
Material thickness of flange	3 mm	Overall dimensions	631 x 501 x 210
Opening angle lid	130 °	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
Position PE bolts		Seal material	Silicone
	Page C	Operating temperature, min.	-60 °C
Material	Stainless steel 1.4404 (316L)	Impact resistance	7 J ATEX version, 10 J version standard
Surface finish	electropolished	Note: protection class	If used in temperature ranges above 105 °C, IP protection is limited to IP 66.
Operating temperature, max.	135 °C	Lid attachment	Quarter-turn fastener with slotted insert
Protection degree	IP66		
Enclosure attachment	4 welded-on mounting feet with 11 mm holes (2 slotted feet and 2 cross-shaped feet)		
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	4x36	WDU 16 / ZDU 16	3x30
WDU 2,5 / ZDU 2,5 / IDU 2,5	5x71	WDU 35 / ZDU 35	2x22
WDU 4 / ZDU 4	5x59	WDU 6 / ZDU 6	4x45

### vertical assembly

WDU 10 / ZDU 10	2x53	WDU 16 / ZDU 16	2x44
WDU 2,5 / ZDU 2,5 / IDU 2,5	3x105	WDU 35 / ZDU 35	1x33
WDU 4 / ZDU 4	3x88	WDU 6 / ZDU 6	3x66

### 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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**Data sheet**

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**Product information**

Product information Minimum order quantity (5 pieces)\*\*A customised test is required to guarantee application compliance

**Approvals**

Approvals



ROHS

Conform

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## Technical data

### Downloads

Approval/Certificate/Document of Conformity	<a href="#">Attestation of Conformity - Klippon TB Empty Enclosures - AoC DE PS261X 160309 001ISS01</a> <a href="#">IEX17.0021</a> <a href="#">IEX17.0020U</a> <a href="#">GYJI4.1308U</a> <a href="#">GYJI4.1309</a> <a href="#">IBEXU14ATEX1028U</a> <a href="#">IBEXU14ATEX1050</a> <a href="#">IECEXIBE14.0004U</a> <a href="#">IECEXIBE14.0013</a> <a href="#">TAE000013S</a> <a href="#">15.40073.250</a> <a href="#">RUC-DE.MIO62.B.04799</a> <a href="#">GYJ14.1310X</a> <a href="#">IEX13.0007</a> <a href="#">IEX13.0006U</a> <a href="#">IECEXPTB11.0071</a> <a href="#">PTB11ATEX2019</a> <a href="#">16-AV4BO-245X</a> <a href="#">P4610581_1</a> <a href="#">EU Declaration of Conformity - Klippon TB Empty Enclosures - DoC DE PS261X 160412 001ISS01</a>
Brochure/Catalogue	<a href="#">MB OVERV. PROCESS WD DE</a> <a href="#">MB KLIPPON ENCL.TECN EN</a> <a href="#">MB PROCESS EN</a> <a href="#">CAT 5 ENCL 17/18 EN</a> <a href="#">FL WIND 2012 EN</a> <a href="#">FL APPL PROCESS EN</a> <a href="#">FL SHIPBUILDING 2016 EN</a> <a href="#">FL RAILWAY 2014 EN</a> <a href="#">PI KLIPPON TB MH QL EN</a>
Engineering Data	<a href="#">EPLAN, WSCAD</a>
Engineering Data	<a href="#">STEP</a>
Tender specification	<a href="#">Klippon TB QL 624520 S4E1_1200730000_DE</a> <a href="#">Klippon TB QL 624520 S4E1_1200730000_EN</a> <a href="#">Klippon TB QL 624520 S4E1_1200730000_NL</a>
User Documentation	<a href="#">Assembly guidelines - empty enclosures</a>

