

**Klippon TB QL (Terminal Box - Quarter Lock)  
KTB QL 221513 S4E1**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
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**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 221513 S4E1
Order No.	<a href="#">1199860000</a>
Version	Klippon TB QL (Terminal Box - Quarter Lock), Empty enclosure, stainless steel enclosure, Height: 229 mm, Width: 152 mm, Depth: 133 mm, Gland plates: Bottom, Material: Stainless steel 1.4404 (316L), electropolished, silver
GTIN (EAN)	4032248982400
Qty.	1 pc(s).

Creation date 15 October 2020 03:57:26 CEST

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

Width	152 mm	Width (inches)	5.984 inch
Height	229 mm	Height (inches)	9.016 inch
Depth	133 mm	Depth (inches)	5.236 inch
Mounting dimension - width	178 mm	Mounting dimension - height	152 mm
Net weight	2,690 g		

**Environmental Product Compliance**

REACH SVHC Lead 7439-92-1

**Cable glands, left**

M12	8	M16	6
M20	3	M25	2
M32	2	M40	2
M50	0	M63	0
M75	0		

**Cable glands, right**

M12	8	M16	6
M20	3	M25	2
M32	2	M40	2
M50	0	M63	0
M75	0		

**Cable glands, top/bottom**

M12	6	M16	5
M20	2	M25	2
M32	1	M40	1
M50	0	M63	0
M75	0		

**Certificate numbers enclosure**

Attestation of Conformity No. (AoC)	DE PS261X 160309 001ISS03	Declaration of Conformity No. (DoC LVD)	DE PS261X 160412 001ISS02
Certificate no. empty enclosure (ATEX)	IBExU14ATEX1028 U	Certificate no. Terminal Box (ATEX)	IBExU14ATEX1050
Certificate no. empty enclosure (IECEX)	IECEX IBE 14.0004U	Certificate no. Terminal Box (IECEX)	IECEXIBE14.0013
Certificate no., empty enclosure (EAC)	RU C-DE.ГБ08.B.00472	Certificate no. Terminal Box (EAC)	RU C-DE.ГБ08.B.01328
Certificate no. empty enclosure (INMETRO)	IEx 17.0020U	Certificate no. Terminal Box (INMETRO)	IEx 17.0021
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. (MARITREG)	15.40075.250	Certificate no. (cULus)	E243298
Certificate No. (CCOE)	P461058_1	Certificate No. (DNVGL)	TAE000013S
Certificate No. (EAC)	RUC-DE.08.B.01328	Certificate no. (INMETRO)	IEX13.0006U
Certificate No. UL 508A	E223801	Certificate No. UL Haz.Loc.	E223792
Certificate No. UL Ord.Loc.	E243298	Certificate No. UL Terminal Box	E223792

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### Technical data

#### General information

AF size 1	10 mm	Access opening: height	176 mm
Access opening: width		Areas of use	Explosive risk zone, Process industry, Oil and gas industry, Chemical industry, Offshore, Onshore
	93 mm	Installation advice	Terminal rail / mounting plate
Gland plates	Bottom	Material thickness of cover	1.5 mm
Material thickness	1.5 mm	Max. payload	14 kg
Material thickness of flange	3 mm	Overall dimensions	240 x 203 x 143
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	1x7	WDU 16 / ZDU 16	1x6
WDU 2,5 / ZDU 2,5 / IDU 2,5	1x15	WDU 4 / ZDU 4	1x13
WDU 6 / ZDU 6	1x9		

#### vertical assembly

WDU 2,5 / ZDU 2,5 / IDU 2,5	1x29
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#### 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		

**Data sheet****Klippon TB QL (Terminal Box - Quarter Lock)  
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**Technical data****Product information**

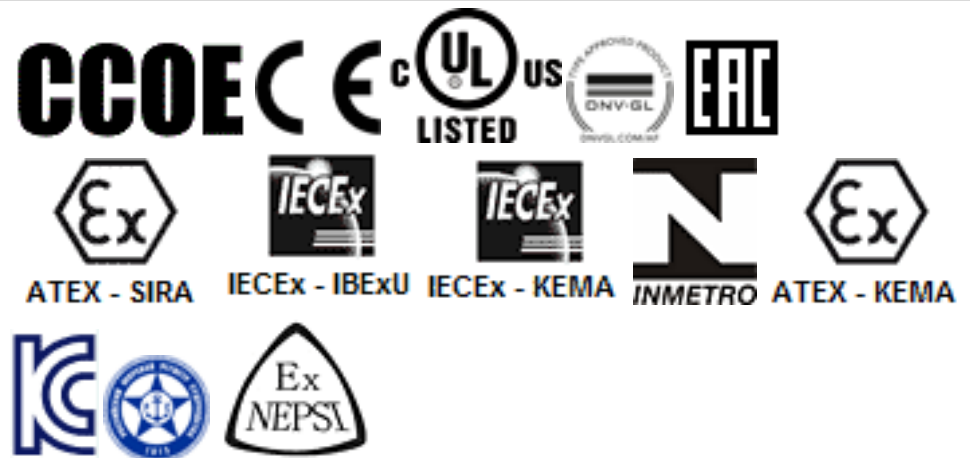
Product information

Minimum Order Quantity is applicable (20 pcs.).

\*\*Customer specific test is required for 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 001ISS03</a> <a href="#">IEX17.0021</a> <a href="#">IEX17.0020U</a> <a href="#">GYJ14.1308U</a> <a href="#">GYJ14.1309</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 001ISS02</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 221513 S4E1_1199860000_DE</a> <a href="#">Klippon TB QL 221513 S4E1_1199860000_EN</a> <a href="#">Klippon TB QL 221513 S4E1_1199860000_NL</a>
User Documentation	<a href="#">Assembly guidelines - empty enclosures</a>

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**Drawings**