

## Klippon TB QL (Terminal Box - Quarter Lock) KTB QL 453815 S4E0

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
www.weidmueller.com

### 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 453815 S4E0
Order No.	<a href="#">1200330000</a>
Version	Klippon TB QL (Terminal Box - Quarter Lock), Empty enclosure, stainless steel enclosure, Height: 458 mm, Width: 382 mm, Depth: 150 mm, Material: Stainless steel 1.4404 (316L), electropolished, silver
GTIN (EAN)	4032248983070
Qty.	1 pc(s).

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

Width	382 mm	Width (inches)	15.039 inch
Height	458 mm	Height (inches)	18.031 inch
Depth	150 mm	Depth (inches)	5.905 inch
Mounting dimension - width	408 mm	Mounting dimension - height	305 mm
Net weight	7,100 g		

**Cable glands, left**

M12	33	M16	19
M20	16	M25	7
M32	6	M40	5
M50	4	M63	0
M75	0		

**Cable glands, right**

M12	33	M16	19
M20	16	M25	7
M32	6	M40	5
M50	4	M63	0
M75	0		

**Cable glands, top/bottom**

M12	30	M16	17
M20	15	M25	6
M32	5	M40	4
M50	4	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)	IECEX IBE 14.0013	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)	IEx 17.0021	Certificate no. empty enclosure (INMETRO)	IEx 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		

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**Technical data****General information**

AF size 1	10 mm	Access opening: height	405 mm
Access opening: width		Areas of use	Explosive risk zone, Process industry, Oil and gas industry, Chemical industry, Offshore, Onshore
	323 mm	Material thickness	1.5 mm
Installation advice	Terminal rail / mounting plate	Material thickness of flange	3 mm
Material thickness of cover	1.5 mm	Opening angle lid	130 °
Max. payload	70 kg	Position PE bolts	Page C
Overall dimensions	458 x 433 x 160	Material	Stainless steel 1.4404 (316L)
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
Seal material	Silicone	Operating temperature, max.	135 °C
Operating temperature, min.	-60 °C	Protection degree	IP66
Impact resistance	7 J ATEX version, 10 J version standard	Enclosure attachment	4 welded-on mounting feet with 11 mm holes (2 slotted feet and 2 cross- shaped feet)
Note: protection class	If used in temperature ranges above 105 °C, IP protection is limited to IP 66.	Integral fixing	4, 6 or 9 stud bolts M6 inner (female) thread
Lid attachment	Quarter-turn fastener with slotted insert		

**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	2x29	WDU 16 / ZDU 16	2x24
WDU 2,5 / ZDU 2,5 / IDU 2,5	4x58	WDU 35 / ZDU 35	1x18
WDU 4 / ZDU 4	3x48	WDU 6 / ZDU 6	3x36

**vertical assembly**

WDU 10 / ZDU 10	2x37	WDU 16 / ZDU 16	2x31
WDU 2,5 / ZDU 2,5 / IDU 2,5	3x73	WDU 35 / ZDU 35	1x23
WDU 4 / ZDU 4	2x62	WDU 6 / ZDU 6	2x46

**Classifications**

ETIM 6.0	EC002503	eClass 6.2	27-14-91-07
eClass 7.1	27-14-91-07	eClass 8.1	27-14-91-07
eClass 9.0	27-18-05-02	eClass 9.1	27-18-05-02

**Product information**

Product information	Minimum order quantity (10 pieces)**A customised test is required to guarantee application compliance
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Catalogue status 23.05.2019 / We reserve the right to make technical changes.

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**Technical data**

**Approvals**

Approvals



ROHS Conform

**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">Attestation of Conformity - Klippon TB Empty Enclosures - AoC DE PS261X 160309 001ISS01</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="#">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>
Tender specification	<a href="#">Klippon TB QL 453815 S4E0_1200330000_DE</a> <a href="#">Klippon TB QL 453815 S4E0_1200330000_EN</a> <a href="#">Klippon TB QL 453815 S4E0_1200330000_NL</a>
User Documentation	<a href="#">MB KLIPPON ENCL.TECN DE</a> <a href="#">Assembly guidelines - empty enclosures</a>

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**Drawings**

