

Klippon TB QL (Terminal Box - Quarter Lock) KTB QL 303020 S4E1

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com



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 303020 S4E1
Order No.	1200070000
Version	Klippon TB QL (Terminal Box - Quarter Lock), Empty enclosure, stainless steel enclosure, Height: 306 mm, Width: 306 mm, Depth: 200 mm, Gland plates: Bottom, Material: Stainless steel 1.4404 (316L), electropolished, silver
GTIN (EAN)	4032248982660
Qty.	1 pc(s).

Creation date 15 October 2020 03:58:36 CEST

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Technical data**Dimensions and weights**

Width	306 mm	Width (inches)	12.047 inch
Height	306 mm	Height (inches)	12.047 inch
Depth	200 mm	Depth (inches)	7.874 inch
Mounting dimension - width	332 mm	Mounting dimension - height	203 mm
Net weight	6,800 g		

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

Cable glands, left

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

Cable glands, right

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

Cable glands, top/bottom

M12	40	M16	26
M20	17	M25	14
M32	8	M40	6
M50	3	M63	2
M75	2		

Certificate numbers enclosure

Attestation of Conformatiy No. (AoC)	DE PS261X 160309 001ISS03	Declaration of Conformatiy 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.В.00472	Certificate no. Terminal Box (EAC)	RU C-DE.ГБ08.В.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. (cULus)	E243298	Certificate No. (CCOE)	P461058_1
Certificate No. (DNVGL)	TAE000013S	Certificate No. (EAC)	RUC-DE.08.В.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	253 mm
Access opening: width		Areas of use	Explosive risk zone, Process industry, Oil and gas industry, Chemical industry, Offshore, Onshore
	247 mm	Installation advice	Terminal rail / mounting plate
Gland plates	Bottom	Material thickness of cover	1.5 mm
Material thickness	1.5 mm	Max. payload	37 kg
Material thickness of flange	3 mm	Overall dimensions	317 x 357 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	1x22	WDU 16 / ZDU 16	1x18
WDU 2,5 / ZDU 2,5 / IDU 2,5	2x43	WDU 35 / ZDU 35	1x13
WDU 4 / ZDU 4	2x36	WDU 6 / ZDU 6	2x27

vertical assembly

WDU 10 / ZDU 10	1x22	WDU 16 / ZDU 16	1x19
WDU 2,5 / ZDU 2,5 / IDU 2,5	2x44	WDU 35 / ZDU 35	1x14
WDU 4 / ZDU 4	2x37	WDU 6 / ZDU 6	2x28

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**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	Attestation of Conformity - Klippon TB Empty Enclosures - AoC DE PS261X 160309 001ISS03 IEX17.0021 IEX17.0020U GYJ14.1308U GYJ14.1309 IBEXU14ATEX1028U IBEXU14ATEX1050 IECEXIBE14.0004U IECEXIBE14.0013 TAE000013S 15.40073.250 RUC-DE.MIO62.B.04799 GYJ14.1310X IEX13.0007 IEX13.0006U IECEXPTB11.0071 PTB11ATEX2019 16-AV4BO-245X P4610581_1 EU Declaration of Conformity - Klippon TB Empty Enclosures - DoC DE PS261X 160412 001ISS02
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 303020 S4E1_1200070000_DE Klippon TB QL 303020 S4E1_1200070000_EN Klippon TB QL 303020 S4E1_1200070000_NL
User Documentation	Assembly guidelines - empty enclosures

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Drawings

