

**Klippon TB QL (Terminal Box - Quarter Lock)
KTB QL 403020 S4E1**

Weidmüller Interface GmbH & Co. KG
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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 403020 S4E1
Order No.	1200280000
Version	Klippon TB QL (Terminal Box - Quarter Lock), Empty enclosure, stainless steel enclosure, Height: 400 mm, Width: 300 mm, Depth: 200 mm, Gland plates: Bottom, Material: Stainless steel 1.4404 (316L), electropolished, silver
GTIN (EAN)	4032248982806
Qty.	1 pc(s).

Creation date July 8, 2020 11:03:16 AM CEST

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Technical data

Dimensions and weights

Width	300 mm	Width (inches)	11.811 inch
Height	400 mm	Height (inches)	15.748 inch
Depth	200 mm	Depth (inches)	7.874 inch
Mounting dimension - width	326 mm	Mounting dimension - height	247 mm
Net weight	7,900 g		

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

Cable glands, left

M12	48	M16	32
M20	20	M25	17
M32	9	M40	7
M50	3	M63	3
M75	2		

Cable glands, right

M12	48	M16	32
M20	20	M25	17
M32	9	M40	7
M50	3	M63	3
M75	2		

Cable glands, top/bottom

M12	38	M16	26
M20	17	M25	14
M32	7	M40	6
M50	3	M63	2
M75	2		

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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General information

AF size 1	10 mm	Access opening: height	347 mm
Access opening: width		Areas of use	Explosive risk zone, Process industry, Oil and gas industry, Chemical industry, Offshore, Onshore
	241 mm		
Gland plates	Bottom	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	48 kg
Opening angle lid	130 °	Overall dimensions	411 x 351 x 210
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	2x21	WDU 16 / ZDU 16	2x18
WDU 2,5 / ZDU 2,5 / IDU 2,5	3x42	WDU 35 / ZDU 35	1x13
WDU 4 / ZDU 4	3x35	WDU 6 / ZDU 6	2x26

vertical assembly

WDU 10 / ZDU 10	1x32	WDU 16 / ZDU 16	1x26
WDU 2,5 / ZDU 2,5 / IDU 2,5	2x62	WDU 35 / ZDU 35	1x20
WDU 4 / ZDU 4	2x52	WDU 6 / ZDU 6	1x39

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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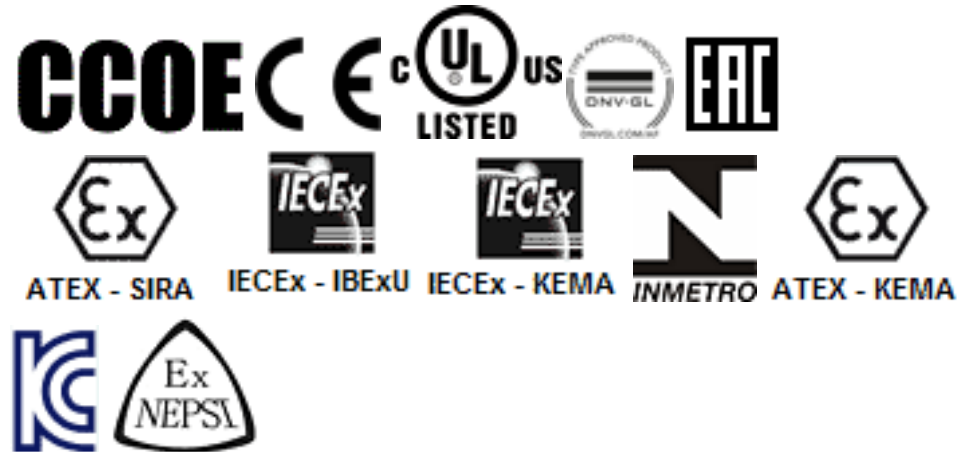
Technical data

Product information

Product information	Minimum order quantity (10 pieces)**A customised test is required to guarantee application compliance
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Approvals

Approvals



ROHS

Conform

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Downloads

Approval/Certificate/Document of Conformity	Attestation of Conformity - Klippon TB Empty Enclosures - AoC DE PS261X 160309 001ISS01 IEX17.0021 IEX17.0020U GYJI4.1308U GYJI4.1309 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 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 403020 S4E1_1200280000_DE Klippon TB QL 403020 S4E1_1200280000_EN Klippon TB QL 403020 S4E1_1200280000_NL
User Documentation	Assembly guidelines - empty enclosures

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Drawings

