

Klippon TB QL (Terminal Box - Quarter Lock) KTB QL 916120 S4E0

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 916120 S4E0
Order No.	1200940000
Version	Klippon TB QL (Terminal Box - Quarter Lock), Empty enclosure, stainless steel enclosure, Height: 914 mm, Width: 610 mm, Depth: 200 mm, Material: Stainless steel 1.4404 (316L), electropolished, silver
GTIN (EAN)	4032248983704
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Width	610 mm	Width (inches)	24.016 inch
Height	914 mm	Height (inches)	35.984 inch
Depth	200 mm	Depth (inches)	7.874 inch
Mounting dimension - width	636 mm	Mounting dimension - height	559 mm
Net weight	19,600 g		

Cable glands, left

M12	116	M16	80
M20	52	M25	42
M32	24	M40	20
M50	8	M63	6
M75	6		

Cable glands, right

M12	116	M16	80
M20	52	M25	42
M32	24	M40	20
M50	8	M63	6
M75	6		

Cable glands, top/bottom

M12	88	M16	58
M20	38	M25	33
M32	18	M40	15
M50	6	M63	5
M75	4		

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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General information

AF size 1	10 mm	Access opening: height	861 mm
Access opening: width		Areas of use	Explosive risk zone, Process industry, Oil and gas industry, Chemical industry, Offshore, Onshore
	551 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	223 kg	Position PE bolts	Page C
Overall dimensions	914 x 661 x 210	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	6x52	WDU 16 / ZDU 16	5x43
WDU 2,5 / ZDU 2,5 / IDU 2,5	8x102	WDU 35 / ZDU 35	4x32
WDU 4 / ZDU 4	7x85	WDU 6 / ZDU 6	7x64

vertical assembly

WDU 10 / ZDU 10	3x82	WDU 16 / ZDU 16	3x68
WDU 2,5 / ZDU 2,5 / IDU 2,5	5x161	WDU 35 / ZDU 35	2x51
WDU 4 / ZDU 4	4x135	WDU 6 / ZDU 6	4x102

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 (5 pieces)**A customised test is required to guarantee application compliance
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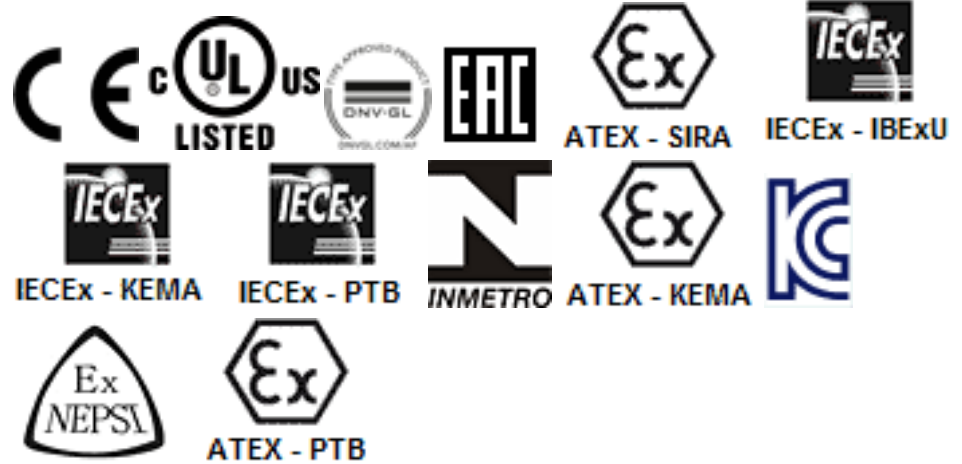
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Approvals

Approvals



ROHS Conform

Downloads

Approval/Certificate/Document of Conformity	Attestation of Conformity - Klippon TB Empty Enclosures - AoC DE PS261X 160309 001ISS01 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 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
Tender specification	Klippon TB QL 916120 S4E0_1200940000_DE Klippon TB QL 916120 S4E0_1200940000_EN Klippon TB QL 916120 S4E0_1200940000_NL
User Documentation	MB KLIPPON ENCL.TECN DE Assembly guidelines - empty enclosures

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Drawings

