Data sheet

KTB QL 303015 S4E1

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

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Abbildung ähnlich

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 Klippon® TB QL enclosure range offers further improvements to a product line that is already successfully leading the market.
The Klippon® TB QL enclosure series features the following advantages:

- Available in 19 sizes and 3 standard depths
- Equipped with up to 4 gland plates
- The gasket is protected against compression
- Quick-locking cover, comes with a slot as standard
- Improved temperature performance
- IP66 protection
- Earthing stud in the cover and base of the enclosure
- Welded mounting feet
- International approvals

General ordering data

Version	Klippon TB QL (Terminal Box - Quarter Lock), Empty enclosure, stainless steel enclosure, Height: 306 mm, Width: 306 mm, Depth: 150 mm, Gland plates: Bottom, Basic material: Stainless steel 1.4404 (316L), electropolished, silver
Order No.	1200020000
Type	KTB QL 303015 S4E1
GTIN (EAN)	4032248982813
Qty.	1 items

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Technical data

Approvals

Approvals	
ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E243298

Dimensions and weights

Depth	150 mm	Depth (inches)	5.9055 inch
Height	306 mm	Height (inches)	12.0472 inch
Width	306 mm	Width (inches)	12.0472 inch
Mounting dimension - height	203 mm	Mounting dimension - width	332 mm
Net weight	5960 g		

Temperatures

Operating temperature	-60 °C...135 °C	Note: room temperature (service)	Limited to IP66 protection when used in temperatures greater than 105 °C.

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	8d5fcdfe-c58e-44e1-a6b4-74d2bbccc9dd

Cable glands, left

M63	0	M75	0
M12	20	M50	2
M16	11	M32	3
M25	4	M20	9
M40	3		

Cable glands, right

M25	4	M63	0
M75	0	M16	11
M40	3	M50	2
M32	3	M20	9
M12	20		

Cable glands, top/bottom

M20	11	M12	24
M63	0	M40	3

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M32	4	M25	5
M50	3	M75	0
M16	13		

Certificate numbers enclosure

Certificate No. UL Haz.Loc.	E223792	Declaration of Conformatiy No. (DoC LVD)	DE PS261X 160412 001ISS03
Certificate No. UL Ord.Loc.	E243298	Certificate No. UL 508A	E223801
Attestation of Conformatiy No. (AoC)	DE PS261X 160309 001ISS06	Certificate No. UL Terminal Box	E223792
Certificate No. Electronic Box (NEPSI)	2020322303003289	Certificate no. empty enclosure (ECAS)	21-09-25241/ E21-09-053807
Certificate no. Terminal Box (KOSHA)	16-AV4BO-0245X	Certificate no. empty enclosure (INMETRO)	LMP 21.0016U
Certificate No. (DNV)	TAE000013S	Certificate no. Terminal Box (AEx)	E223792
Certificate No. (CCOE)	P461058_1	Certificate no. Terminal Box (ATEX)	IBExU14ATEX1050
Certificate no. empty enclosure (ATEX)	IBExU14ATEX1028 U	Certificate no. Terminal Box (INMETRO)	LMP 21.0017
Certificate no. (INMETRO)	IEX13.0006U	Certificate no. Terminal Box (IECEx)	IECEXIBE14.0013
Certificate no. empty enclosure (IECEx)	IECEx IBE 14.0004U	Certificate No. (IECEX)	IECEXKEM10.0015U
Certificate No. (ATEX)	KEMA10ATEX0046U	Approval conditions	ATEX, CCoE, DNV, IECEX, INMETRO, KC, NEPSI, CCC, UL AEx Class Div., UL AEx Class Zone, cULus
Certificate no. (cULus)	E243298		

General information

Material thickness of cover	1.5 mm	Material thickness of flange	3 mm
Material thickness of enclosure	1.5 mm	Operating temperature, max.	135 °C
Operating temperature, min.	-60 °C	Lid attachment	Quarter-turn fastener with slotted insert
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
Impact resistance	7 J ATEX version, 10 J version standard	AF size	10 mm
Protection degree	IP66	Basic material	Stainless steel 1.4404 (316L)
Seal material	Silicone	Integral fixing	4, 6 or 9 stud bolts M6 inner (female) thread
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.
Flange plate mounting	M6 hexagonal head screws 10 SW	Protection class (UL)	Type 3, Type 4X, Type 12
Gland plates	Bottom	Dimension of box	460x500x240
Access opening: width	247 mm	Opening angle lid	130.00 °
Overall dimensions	317 x 357 x 160	Flange plate	Yes
Max. payload	37 kg	Access opening: height	253 mm
Position PE bolts	Enclosure side C	Areas of use	Explosive risk zone, Process industry, Oil and gas industry, Chemical industry, Offshore, Onshore

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Housing earth

Earth, enclosure, internal	Welded-on M6 stainless-steel earth stud in enclosure body and lid.

horizontal assembly

Number of DIN rails and terminals (10 mm², horizontal)	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	2x41	WDU 35 / ZDU 35	1x14
WDU 4 / ZDU 4	2x34	WDU 6 / ZDU 6	2x25

Classifications

ETIM 8.0	EC002503	ETIM 9.0	EC002503
ETIM 10.0	EC002503	ECLASS 14.0	27-18-05-02
ECLASS 15.0	27-18-05-02		

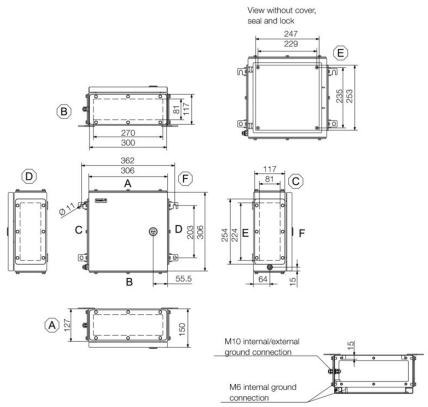
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Drawings



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