Data sheet

KTB QL 453820 S4E0

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: 458 mm, Width: 382 mm, Depth: 200 mm, Basic material: Stainless steel 1.4404 (316L), electropolished, silver
Order No.	1200380000
Type	KTB QL 453820 S4E0
GTIN (EAN)	4032248982950
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	200 mm	Depth (inches)	7.874 inch
Height	458 mm	Height (inches)	18.0315 inch
Width	382 mm	Width (inches)	15.0393 inch
Mounting dimension - height	305 mm	Mounting dimension - width	408 mm
Net weight	9723.12 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	3	M75	3
M12	55	M50	4
M16	38	M32	11
M25	21	M20	24
M40	9		

Cable glands, right

M25	21	M63	3
M75	3	M16	38
M40	9	M50	4
M32	11	M20	24
M12	55		

Cable glands, top/bottom

M20	23	M12	50
M63	3	M40	8

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M32	10	M25	18
M50	4	M75	2
M16	34		

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)	IEX13.0007	Certificate no. Terminal Box (IECEx)	IECEXIBE14.0013
Certificate no. empty enclosure (IECEx)	IECEx IBE 14.0004U	Certificate No. (IECEX)	IECEXKEM10.0019
Certificate No. (ATEX)	KEMA10ATEX0051	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 (cover)	1.5 mm	Material thickness (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
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.
Protection class (UL)	Type 3, Type 4X, Type 12	Dimension of box	580x620x290
Width (access opening)	323 mm	Opening angle (lid)	130.00 °
Overall dimensions	458 x 433 x 210	Flange plate	No
Payload. max.	70 kg	Height (access opening)	405 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)	2x29	Number of DIN rails and terminals (16 mm², horizontal)	2x24
Number of DIN rails and terminals (2.5 mm², horizontal)	4x58	Number of DIN rails and terminals (35 mm², horizontal)	1x18
Number of DIN rails and terminals (4 mm², horizontal)	3x48	Number of DIN rails and terminals (6 mm², horizontal)	3x36

vertical assembly

Number of DIN rails and terminals (10 mm², vertical)	2x37	Number of DIN rails and terminals (16 mm², vertical)	2x31
Number of DIN rails and terminals (2.5 mm², vertical)	3x73	Number of DIN rails and terminals (35 mm², vertical)	1x23
Number of DIN rails and terminals (4 mm², vertical)	2x62	Number of DIN rails and terminals (6 mm², vertical)	2x46

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		

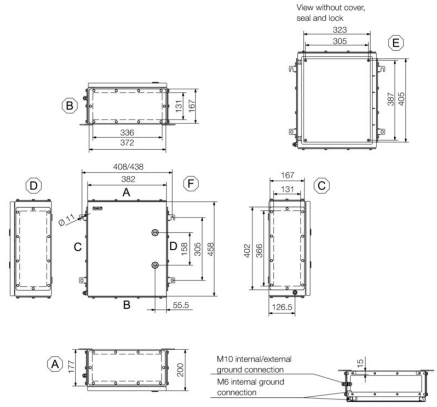
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Drawings



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