Data sheet

KTB QL 766215 S4E3

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

www.weidmueller.com

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, Height: 760 mm, Width: 620 mm, Depth: 150 mm, Basic material: Stainless steel 1.4404 (316L), electropolished, silver
Order No.	8000109922
Type	KTB QL 766215 S4E3
GTIN (EAN)	4099986760196
Qty.	1 items

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Technical data

Approvals

Approvals	
ROHS	Conform

Dimensions and weights

Depth	150 mm	Depth (inches)	5.9055 inch
Height	760 mm	Height (inches)	29.9212 inch
Width	620 mm	Width (inches)	24.4094 inch
Net weight	30265.24 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	64dfc213-93f0-4c79-8ffa-c97fa9dcb873

Cable glands, left

M63	6	M75	0
M12	90	M50	8
M16	66	M32	12
M25	32	M20	36
M40	10		

Cable glands, right

M25	32	M63	6
M75	0	M16	66
M40	10	M50	8
M32	12	M20	36
M12	90		

Cable glands, top/bottom

M20	34	M12	84
M63	5	M40	9
M32	11	M25	28
M50	7	M75	0
M16	63		

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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. empty enclosure (INMETRO)	LMP 21.0016U	Certificate no. Terminal Box (ATEX)	IBExU14ATEX1050
Certificate no. empty enclosure (ATEX)	IBExU14ATEX1028 U	Certificate no. Terminal Box (INMETRO)	LMP 21.0017
Certificate no. Terminal Box (IECEx)	IECEXIBE14.0013	Certificate no. empty enclosure (IECEx)	IECEx IBE 14.0004U
Approval conditions	ATEX, IECEX, INMETRO, cULus		

General information

Material thickness of cover	1.5 mm	Material thickness of flange	3 mm
Material thickness of enclosure	1.5 mm	Silicone	Yes
Operating temperature, max.	135 °C	Operating temperature, min.	-60 °C
Lid attachment	4 hinges and M6 hex-head slotted screws SW10, 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	10 J version standard, 7 joules in acc. with IEC 60079-0
Protection degree	IP66, IP67	Basic material	Stainless steel 1.4404 (316L)
Seal material	Silicone	Integral fixing	4, 6 or 9 stud bolts M6 inner (female) thread
Seal material of cover	Silicone	Note: protection class	If used in temperature ranges above 105 °C, IP protection is limited to IP 66.
Seal material of flange plate	Silicone	Protection class (UL)	Type 3, Type 4X, Type 12
Opening angle lid	130.00 °	Flange plate	No
Lid	Yes	Position PE bolts	Enclosure side C
Areas of use	Explosive risk zone, Process industry, Oil and gas industry, Chemical industry, Offshore, Onshore		

horizontal assembly

WDU 10 / ZDU 10	5x49	WDU 16 / ZDU 16	4x42
WDU 2,5 / ZDU 2,5 / IDU 2,5	7x101	WDU 35 / ZDU 35	3x31
WDU 4 / ZDU 4	6x83	WDU 6 / ZDU 6	5x62

vertical assembly

WDU 10 / ZDU 10	4x64	WDU 16 / ZDU 16	3x53
WDU 2,5 / ZDU 2,5 / IDU 2,5	5x128	WDU 35 / ZDU 35	2x40
WDU 4 / ZDU 4	5x108, 5x107	WDU 6 / ZDU 6	4x80

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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		