

KTB QL 766220 S4E3**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Similar to illustration**

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 12 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: 200 mm, Material: Stainless steel 1.4404 (316L), electropolished, silver
Order No.	8000109925
Type	KTB QL 766220 S4E3
GTIN (EAN)	4099986760226
Qty.	1 pc(s).

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Technical data
Dimensions and weights

Depth	200 mm	Depth (inches)	7.874 inch
Height	760 mm	Height (inches)	29.921 inch
Width	620 mm	Width (inches)	24.409 inch
Net weight	32,883.68 g		

Temperatures

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

Cable glands, left

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

Cable glands, right

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

Cable glands, top/bottom

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

Certificate numbers enclosure

Approval conditions	ATEX, IECEX, INMETRO, cULus	Attestation of Conformatiy No. (AoC)	DE PS261X 160309 001ISS03
Certificate No. UL 508A	E223801	Certificate No. UL Haz.Loc.	E223792
Certificate No. UL Ord.Loc.	E243298	Certificate No. UL Terminal Box	E223792
Certificate no. Terminal Box (ATEX)	IBExU14ATEX1050	Certificate no. Terminal Box (IECEX)	IECEXIBE14.0013
Certificate no. Terminal Box (INMETRO)	LMP 21.0017	Certificate no. empty enclosure (ATEX)	IBExU14ATEX1028 U
Certificate no. empty enclosure (IECEX)	IECEX IBE 14.0004U	Certificate no. empty enclosure (INMETRO)	LMP 21.0016U
Declaration of Conformatiy No. (DoC LVD)	DE PS261X 160412 001ISS02		

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General information

Areas of use	Explosive risk zone, Process industry, Oil and gas industry, Chemical in- dustry, Offshore, Onshore	Flange plate	No
Impact resistance	10 J version standard, 7 joules in acc. with IEC 60079-0	Integral fixing	4, 6 or 9 stud bolts M6 in- ner (female) thread
Lid attachment	4 hinges and M6 hex-head slotted screws SW10	Material	Stainless steel 1.4404 (316L)
Material thickness of cover	1.5 mm	Material thickness of enclosure	1.5 mm
Material thickness of flange	3 mm	Note: protection class	If used in temperature ranges above 105 °C, IP protection is limited to IP 66.
Opening angle lid	130 °	Operating temperature, max.	135 °C
Operating temperature, min.	-60 °C	Position PE bolts	Enclosure side C
Protection class (UL)	Type 3, Type 4X, Type 12	Protection degree	IP66, IP67
Seal material	Silicone	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		

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

Classifications

ETIM 6.0	EC000261	ETIM 7.0	EC000261
ETIM 8.0	EC000261	ETIM 9.0	EC000261
ECLASS 9.0	27-18-01-01	ECLASS 9.1	27-18-92-90
ECLASS 10.0	27-18-01-01	ECLASS 11.0	27-18-01-01
ECLASS 12.0	27-18-01-01	ECLASS 13.0	27-18-01-01

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	64dfc213-93f0-4c79-8ffa-c97fa9dcb873

Approvals

ROHS	Conform
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Technical data

Downloads

Approval/Certificate/Document of Con-	CERTIFICADO - LMP 21.0016U KLIPPON TB
formity	CERTIFICADO LMP 21.0017 KLIPPON TB

Engineering Data	CAD data – STEP
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Catalogues	Catalogues in PDF-format
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