

**KTB QL 624020 S4E0****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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: 620 mm, Width: 406 mm, Depth: 200 mm, Material: Stainless steel 1.4404 (316L), electropolished, silver
Order No.	<a href="#">8000109905</a>
Type	KTB QL 624020 S4E0
GTIN (EAN)	4099986760004
Qty.	1 pc(s).

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**Technical data**
**Dimensions and weights**

Depth	200 mm	Depth (inches)	7.874 inch
Height	620 mm	Height (inches)	24.409 inch
Width	406 mm	Width (inches)	15.984 inch
Net weight	14,555 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	125	M16	68
M20	64	M25	39
M32	20	M40	16
M50	6	M63	5
M75	4		

**Cable glands, right**

M12	125	M16	68
M20	64	M25	39
M32	20	M40	16
M50	6	M63	5
M75	4		

**Cable glands, top/bottom**

M12	102	M16	65
M20	44	M25	27
M32	14	M40	10
M50	4	M63	3
M75	2		

**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		Note: protection class	If used in temperature ranges above 105 °C, IP protection is limited to IP 66.
	3 mm	Operating temperature, max.	135 °C
Opening angle lid	130 °	Position PE bolts	Enclosure side C
Operating temperature, min.	-60 °C	Protection degree	IP66, IP67
Protection class (UL)	Type 3, Type 4X, Type 12	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
Seal material	Silicone		
Surface finish	electropolished		

**horizontal assembly**

WDU 10 / ZDU 10	4x30	WDU 16 / ZDU 16	3x24
WDU 2,5 / ZDU 2,5 / IDU 2,5	5x59	WDU 35 / ZDU 35	2x18
WDU 4 / ZDU 4	5x49	WDU 6 / ZDU 6	4x37

**vertical assembly**

WDU 10 / ZDU 10	2x49	WDU 16 / ZDU 16	2x42
WDU 2,5 / ZDU 2,5 / IDU 2,5	3x101	WDU 35 / ZDU 35	1x31
WDU 4 / ZDU 4	3x83	WDU 6 / ZDU 6	3x62

**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
RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c

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# Technical data

## Approvals

Approvals



ROHS

Conform

## Downloads

Approval/Certificate/Document of Con- [CERTIFICADO - LMP 21.0016U KLIPPON TB](#)  
formity [CERTIFICADO LMP 21.0017 KLIPPON TB](#)

Engineering Data [CAD data – STEP](#)

Catalogues [Catalogues in PDF-format](#)