KTB QL 353520 S4E1

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 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: 350 mm, Width: 350 mm, Depth: 200 mm, Material: Stainless steel 1.4404 (316L), electropolished, silver
Order No.	8000109891
Type	KTB QL 353520 S4E1
GTIN (EAN)	4099986759862
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	200 mm	Depth (inches)	7.874 inch
Height	350 mm	Height (inches)	13.78 inch
Width	350 mm	Width (inches)	13.78 inch
Net weight	13,182.86 g		

Temperatures

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

Cable glands, left

M12	52	M16	30
M20	16	M25	12
M32	5	M40	4
M50	3	M63	3
M75	0		

Cable glands, right

M12	52	M16	30
M20	16	M25	12
M32	5	M40	4
M50	3	M63	3
M75	0		

Cable glands, top/bottom

M12	60	M16	36
M20	20	M25	16
M32	6	M40	5
M50	4	M63	3
M75	0		

Certificate numbers enclosure

Approval conditions	ATEX, IECEX, INMETRO, cULus	Attestation of Conformatiy No. (AoC)	DE PS261X 160309 001ISS06
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 001ISS03		

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General information

Areas of use	Explosive risk zone, Process industry, Oil and gas industry, Chemical industry, 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 inner (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	2x25	WDU 16 / ZDU 16	1x20
WDU 2,5 / ZDU 2,5 / IDU 2,5	2x49	WDU 35 / ZDU 35	1x15
WDU 4 / ZDU 4	2x41	WDU 6 / ZDU 6	2x31

vertical assembly

WDU 10 / ZDU 10	2x25	WDU 16 / ZDU 16	1x20
WDU 2,5 / ZDU 2,5 / IDU 2,5	2x49	WDU 35 / ZDU 35	1x15
WDU 4 / ZDU 4	2x41	WDU 6 / ZDU 6	2x31

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
ECLASS 14.0	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 Conformity	Attestation of Conformity - Klippon TB Empty Enclosures - AoC DE PS261X 160309 001ISS06 CERTIFICADO - LMP 21.0016U KLIPPON TB CERTIFICADO LMP 21.0017 KLIPPON TB
Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format