

KTB QL 624520 S4E0**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, stainless steel enclosure, Height: 620 mm, Width: 450 mm, Depth: 200 mm, Material: Stainless steel 1.4404 (316L), electropolished, silver
Order No.	1200720000
Type	KTB QL 624520 S4E0
GTIN (EAN)	4032248983421
Qty.	1 pc(s).
Available until	2015-11-24

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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
Mounting dimension - height	450 mm	Mounting dimension - width	476 mm
Net weight	15,000 g	Width	450 mm
Width (inches)	17.716 inch		

Temperatures

Note: room temperature (service)	Limited to IP66 protection when used in temperatures greater than 105 °C.
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Cable glands, left

M12	80	M16	54
M20	36	M25	30
M32	17	M40	14
M50	6	M63	5
M75	4		

Cable glands, right

M12	80	M16	54
M20	36	M25	30
M32	17	M40	14
M50	6	M63	5
M75	4		

Cable glands, top/bottom

M12	63	M16	42
M20	27	M25	23
M32	12	M40	10
M50	4	M63	4
M75	3		

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Technical data
Certificate numbers enclosure

Approval conditions	ATEX, CCoE, DNV, EAC, IECEx, INMETRO, KC, NEPSI, CCC, RMRS, UL AEx Class Div., UL AEx Class Zone, cULus	Attestation of Conformity No. (AoC)	
Certificate No. (ATEX)	KEMA10ATEX0050	Certificate No. (CCOE)	DE PS261X 160309 001ISS03
Certificate No. (DNVGL)	TAE000013S	Certificate No. (EAC)	P461058_1
Certificate No. (IECEX)	IECEXKEM10.0015U	Certificate No. UL 508A	RUC-DE.MIO62.B.04799
Certificate No. UL Haz.Loc.	E223792	Certificate No. UL Ord.Loc.	E223801
Certificate No. UL Terminal Box	E223792	Certificate no. (INMETRO)	E243298
Certificate no. (cULus)	E243298	Certificate no. Terminal Box (AEx)	IEX13.0007
Certificate no. Terminal Box (ATEX)		Certificate no. Terminal Box (EAC)	E223792
	IBExU14ATEX1050		C-DE.HB07.B.00089/20 Ex Terminal Box; C- DE.A154.B.00251/19 Ind. Terminal Box
Certificate no. Terminal Box (IECEX)	IECEXIBE14.0013	Certificate no. Terminal Box (INMETRO)	IEx 17.0021
Certificate no. Terminal Box (KOSHA)	16-AV4BO-0245X	Certificate no. Terminal Box (NEPSI)	GYJ14.1309
Certificate no. empty enclosure (ATEX)	IBExU14ATEX1028 U	Certificate no. empty enclosure (IECEX)	IECEX IBE 14.0004U
Certificate no. empty enclosure (INMETRO)	IEx 17.0020U	Certificate no. empty enclosure (NEPSI)	GYJ14.1308U
Certificate no., empty enclosure (EAC)	C-DE.HB07.B.00089/20	Declaration of Conformity No. (DoC LVD)	DE PS261X 160412 001ISS02

General information

Access opening: height	567 mm	Access opening: width	391 mm
Areas of use	Explosive risk zone, Process industry, Oil and gas industry, Chemical industry, Offshore, Onshore	Dimension of box	630x770x290
Enclosure attachment	4 welded-on mounting feet with 11 mm holes (2 slotted feet and 2 cross-shaped feet)	Flange plate	No
Impact resistance	7 J ATEX version, 10 J version standard	Integral fixing	4, 6 or 9 stud bolts M6 inner (female) thread
Lid	Yes	Lid attachment	Quarter-turn fastener with slotted insert
Material	Stainless steel 1.4404 (316L)	Material thickness	1.5 mm
Material thickness of cover	1.5 mm	Material thickness of flange	3 mm
Max. payload	112 kg	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	Overall dimensions	620 x 501 x 210
Position PE bolts	Enclosure side C	Protection degree	IP66
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		

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Technical data

Housing earth

Earth, enclosure, internal	Welded-on M6 stainless-steel earth stud in enclosure body and lid.
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horizontal assembly

WDU 10 / ZDU 10	4x36	WDU 16 / ZDU 16	3x30
WDU 2,5 / ZDU 2,5 / IDU 2,5	5x71	WDU 35 / ZDU 35	2x22
WDU 4 / ZDU 4	5x59	WDU 6 / ZDU 6	4x45

vertical assembly

WDU 10 / ZDU 10	2x53	WDU 16 / ZDU 16	2x44
WDU 2,5 / ZDU 2,5 / IDU 2,5	3x105	WDU 35 / ZDU 35	1x33
WDU 4 / ZDU 4	3x88	WDU 6 / ZDU 6	3x66

Classifications

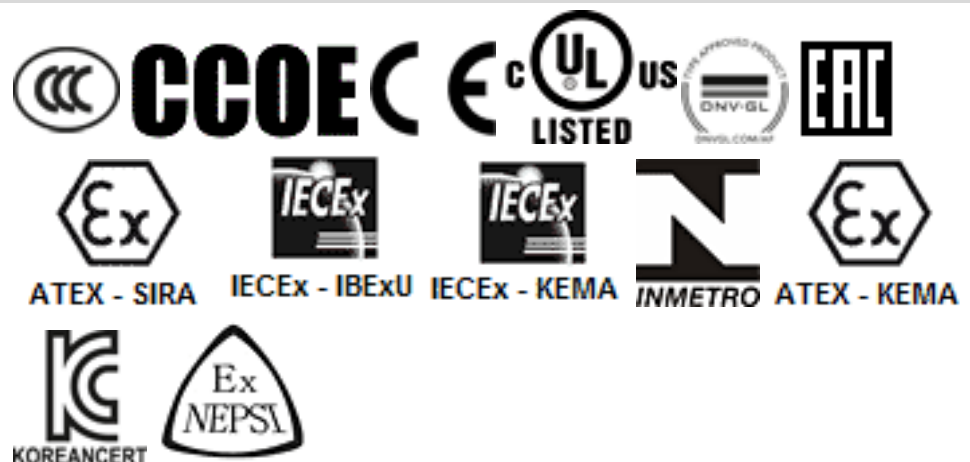
ETIM 6.0	EC002503	ETIM 7.0	EC002503
ECLASS 9.0	27-18-05-02	ECLASS 9.1	27-18-05-02
ECLASS 10.0	27-18-05-02	ECLASS 11.0	27-18-05-02

Important note

Product information	Minimum order quantity (5 pieces)
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Approvals

Approvals



ROHS	Conform
UL File Number Search	E243298

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Technical data
Downloads

Approval/Certificate/Document of Conformity	C-DE.HB07.B.00089-Empty Enclosures and Ex. Terminal Box C-DE.AJ54.B.00251.19 Ind. Terminal Box CCC 2020322303002358 KTB Assembly Enclosure CCC 2020322303002357 KTB Empty Enclosure Attestation of Conformity - Klippon TB Empty Enclosures - AoC DE PS261X 160309 001ISS03 IEX17.0021 IEX17.0020U IBEXU14ATEX1028U IBEXU14ATEX1050 IECEXIBE14.0004U IECEXIBE14.0013 TAE000013S 15.40073.250 RUC-DE.MIO62.B.04799 GYJ14.1310X IECEXPTB11.0071 PTB11ATEX2019 16-AV4BO-245X P4610581_1 EU Declaration of Conformity - Klippon TB Empty Enclosures - DoC DE PS261X 160412 001ISS02
Engineering Data	STEP
Engineering Data	EPLAN, WSCAD
Tender specification	Klippon TB QL 624520 S4E0_1200720000_DE Klippon TB QL 624520 S4E0_1200720000_EN Klippon TB QL 624520 S4E0_1200720000_NL
User Documentation	Assembly guidelines - empty enclosures

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Drawings

