

KTB QL 221513 S4E0**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

Abbildung ähnlich

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: 229 mm, Width: 152 mm, Depth: 133 mm, Material: Stainless steel 1.4404 (316L), electropolished, silver
Order No.	1199850000
Type	KTB QL 221513 S4E0
GTIN (EAN)	4032248982714
Qty.	1 pc(s).

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Technical data
Dimensions and weights

Depth	133 mm	Depth (inches)	5.236 inch
Height	229 mm	Height (inches)	9.016 inch
Mounting dimension - height	152 mm	Mounting dimension - width	178 mm
Net weight	2,500 g	Width	152 mm
Width (inches)	5.984 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	8	M16	6
M20	3	M25	2
M32	2	M40	2
M50	0	M63	0
M75	0		

Cable glands, right

M12	8	M16	6
M20	3	M25	2
M32	2	M40	2
M50	0	M63	0
M75	0		

Cable glands, top/bottom

M12	6	M16	5
M20	2	M25	2
M32	1	M40	1
M50	0	M63	0
M75	0		

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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 Conformatiy No. (AoC)	
Certificate No. (ATEX)	KEMA10ATEX0046U		DE PS261X 160309 001ISS03
Certificate No. (DNVGL)	TAE000013S	Certificate No. (CCOE)	P461058_1
Certificate No. (IECEX)	IECEXKEM10.0016U	Certificate No. (EAC)	RUC-DE.MIO62.B.04799
Certificate No. UL 508A	E223801	Certificate No. (MARITREG)	15.40075.250
Certificate No. UL Ord.Loc.	E243298	Certificate No. UL Haz.Loc.	E223792
Certificate no. (INMETRO)	IEX13.0007	Certificate No. UL Terminal Box	E223792
Certificate no. Terminal Box (AEx)	E223792	Certificate no. (cULus)	E243298
Certificate no. Terminal Box (EAC)	C-DE.HB07.B.00089/20 Ex Terminal Box; C-DE.AJ54.B.00251/19 Ind. Terminal Box	Certificate no. Terminal Box (ATEX)	IBExU14ATEX1050
Certificate no. Terminal Box (INMETRO)	IEEx 17.0021	Certificate no. Terminal Box (IECEX)	
Certificate no. Terminal Box (NEPSI)	GYJ14.1309		IECEXIBE14.0013
Certificate no. empty enclosure (IECEX)	IECEX IBE 14.0004U	Certificate no. Terminal Box (KOSHA)	16-AV4BO-0245X
Certificate no. empty enclosure (NEPSI)	GYJ14.1308U	Certificate no. empty enclosure (ATEX)	IBExU14ATEX1028 U
Declaration of Conformatiy No. (DoC LVD)	DE PS261X 160412 001ISS02	Certificate no. empty enclosure (INMETRO)	IEEx 17.0020U
		Certificate no., empty enclosure (EAC)	C-DE.HB07.B.00089/20

General information

Access opening: height	176 mm	Access opening: width	93 mm
Areas of use	Explosive risk zone, Process industry, Oil and gas industry, Chemical industry, Offshore, Onshore	Dimension of box	
Enclosure attachment	4 welded-on mounting feet with 11 mm holes (2 slotted feet and 2 cross-shaped feet)		350x390x220
Impact resistance	7 J ATEX version, 10 J version standard	Flange plate	
Lid	Yes		No
Material	Stainless steel 1.4404 (316L)	Integral fixing	4, 6 or 9 stud bolts M6 inner (female) thread
Material thickness of cover	1.5 mm	Lid attachment	Quarter-turn fastener with slotted insert
Max. payload		Material thickness	1.5 mm
	14 kg	Material thickness of flange	3 mm
Opening angle lid	130 °	Note: protection class	If used in temperature ranges above 105 °C, IP protection is limited to IP 66.
Operating temperature, min.	-60 °C	Operating temperature, max.	135 °C
Position PE bolts	Enclosure side C	Overall dimensions	229 x 203 x 143
Seal material		Protection degree	IP66
	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	1x7	WDU 16 / ZDU 16	1x6
WDU 2,5 / ZDU 2,5 / IDU 2,5	1x15	WDU 4 / ZDU 4	1x13
WDU 6 / ZDU 6	1x9		

vertical assembly

WDU 2,5 / ZDU 2,5 / IDU 2,5	1x29
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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 (20 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 221513 S4E0_1199850000_DE Klippon TB QL 221513 S4E0_1199850000_EN Klippon TB QL 221513 S4E0_1199850000_NL
User Documentation	Assembly guidelines - empty enclosures

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Drawings

