

**QL
KTB QL 221513 S4E1**

Weidmüller Interface GmbH & Co. KG
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**Stainless steel enclosures for use in areas exposed to explosion hazards**

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 in process or power generation industries.

The new Klippon® TB QL enclosure range offers further improvements to a product line that is already successfully leading the market.

General ordering data

Type	KTB QL 221513 S4E1
Order No.	1199860000
Version	Enclosures, stainless steel enclosure, Stainless steel 1.4404 (316L), 229 mm, 152 mm, 133 mm
GTIN (EAN)	4032248982400
Qty.	1 pc(s).

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Technische Daten

Dimensions and weights

Length	133 mm	Width	152 mm
Height	229 mm	Depth	133 mm
Mounting dimension - width	178 mm	Mounting dimension - height	152 mm
Net weight	2,690 g		

Cable glands, left

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

Cable glands, right

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

Cable glands, top/bottom

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

General information

AF size 1	10 mm	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
Gland plates	Bottom	Installation advice	Terminal rail / mounting plate
Material thickness	1.5 mm	Material thickness of cover	1.5 mm
Material thickness of flange	3 mm	Max. payload	14 kg
Opening angle lid	125 °	Overall dimensions	240 x 203 x 143
Position PE bolts	Page C	Material	Stainless steel 1.4404 (316L)
Seal material	Silicone	Surface finish	electropolished
Operating temperature, min.	-60 °C	Operating temperature, max.	135 °C
Impact resistance	7 J ATEX version, 10 J version standard	Protection degree	IP 66
Enclosure attachment	4 welded-on mounting feet with 11-mm holes (2 slotted feet and 2 cross-shaped feet)	Cover attachment	Quarter-turn fastener with slotted insert
Integral fixing	4, 6 or 9 stud bolts M6 inner (female) thread		

Datenblatt

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Housing earth

Earth, housing, internal Welded-on M6 stainless-steel earth stud in lower part of housing and lid.

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 (2) 1x29

Classifications

eClass 6.2 27-14-91-07 eClass 7.1 27-14-91-07

Test certificates

Certificate No. (ATEX)	KEMA10ATEX0047U	Certificate No. (GERMLLOYD)	11534-10
Certificate No. (IECEX)	IECEXKEM10.0016U	Certificate No. (MARITREG)	10.04095.250
Certificate no. (cULus)	E243298VOL1SEC5		

Product information

Descriptive text ordering data Colour variations may possibly occur in the case of painted housings.

Descriptive text technical data *For enclosure versions with zero, one or two gland plates, the horizontal gap between the mounting feet is reduced by 30 mm.

Assembly with terminal blocks provides for 10 mm clearance to the ends of the mounting rail.

Recommended order:
TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal)
ZDU 2.5 1608510000 / (tension clamp terminal) PDU 2.5 1896110000
TS 32 mounting rail (screw terminal) SAK 2.5 0279660000
TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

Approvals

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Zeichnungen

