

**QL  
KTB QL 453815 S4E2**

**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 453815 S4E2
Order No.	<a href="#">1200350000</a>
Version	Enclosures, stainless steel enclosure, Stainless steel 1.4404 (316L), 458 mm, 382 mm, 150 mm
GTIN (EAN)	4032248983186
Qty.	1 pc(s).

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## Technische Daten

### Dimensions and weights

Length	150 mm	Width	382 mm
Height	458 mm	Depth	150 mm
Mounting dimension - width	408 mm	Mounting dimension - height	305 mm
Net weight	9,900 g		

### Cable glands, left

M12 (3)	33	M16 (3)	19
M20 (3)	16	M25 (3)	7
M32 (3)	6	M40 (3)	5
M50 (3)	4	M63 (3)	0
M75 (3)	0		

### Cable glands, right

M12 (2)	33	M16 (2)	19
M20 (2)	16	M25 (2)	7
M32 (2)	6	M40 (2)	5
M50 (2)	4	M63 (2)	0
M75 (2)	0		

### Cable glands, top/bottom

M12	30	M16	17
M20	15	M25	6
M32	5	M40	4
M50	4	M63	0
M75	0		

### General information

AF size 1	10 mm	Access opening: height	405 mm
Access opening: width	323 mm	Areas of use	Explosive risk zone, Process industry, Oil and gas industry, Chemical industry, Offshore, Onshore
Gland plates	Bottom, top	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	70 kg
Opening angle lid	125 °	Overall dimensions	480 x 433 x 160
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		

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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	2x29	WDU 16 ZDU 16	2x24
WDU 2,5 ZDU 2,5 IDU 2,5	4x58	WDU 35 ZDU 35	1x18
WDU 4 ZDU 4	3x48	WDU 6 ZDU 6	3x36

### vertical assembly

WDU 10 ZDU 10 (2)	2x37	WDU 16 ZDU 16 (2)	2x31
WDU 2,5 ZDU 2,5 IDU 2,5 (2)	3x73	WDU 35 ZDU 35 (2)	1x23
WDU 4 ZDU 4 (2)	2x62	WDU 6 ZDU 6 (2)	2x46

### Classifications

eClass 6.2	27-14-91-07	eClass 7.1	27-14-91-07
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### Test certificates

Certificate No. (ATEX)	KEMA10ATEX0051	Certificate No. (GERMLLOYD)	11534-10
Certificate No. (IECEX)	IECEXKEM10.0020	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

Approvals



