

**QL  
KTB QL 987420 S4E1**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
www.weidmueller.com

**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 987420 S4E1
Order No.	<a href="#">1201010000</a>
Version	Enclosures, stainless steel enclosure, Stainless steel 1.4404 (316L), 980 mm, 740 mm, 200 mm
GTIN (EAN)	4032248983476
Qty.	1 pc(s).

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## Technische Daten

### Dimensions and weights

Length	200 mm	Width	740 mm
Height	980 mm	Depth	200 mm
Mounting dimension - width	766 mm	Mounting dimension - height	625 mm
Net weight	34,800 g		

### Cable glands, left

M12 (3)	126	M16 (3)	84
M20 (3)	54	M25 (3)	48
M32 (3)	26	M40 (3)	22
M50 (3)	10	M63 (3)	8
M75 (3)	6		

### Cable glands, right

M12 (2)	126	M16 (2)	84
M20 (2)	54	M25 (2)	48
M32 (2)	26	M40 (2)	22
M50 (2)	10	M63 (2)	8
M75 (2)	6		

### Cable glands, top/bottom

M12	96	M16	64
M20	42	M25	36
M32	20	M40	16
M50	6	M63	6
M75	4		

### General information

AF size 1	10 mm	Access opening: height	927 mm
Access opening: width	681 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	290 kg
Opening angle lid	125 °	Overall dimensions	991 x 791 x 210
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	6x64	WDU 16 ZDU 16	5x54
WDU 2,5 ZDU 2,5 IDU 2,5	9x127	WDU 35 ZDU 35	4x40
WDU 4 ZDU 4	8x106	WDU 6 ZDU 6	7x80

### vertical assembly

WDU 10 ZDU 10 (2)	4x88	WDU 16 ZDU 16 (2)	4x74
WDU 2,5 ZDU 2,5 IDU 2,5 (2)	6x174	WDU 35 ZDU 35 (2)	3x55
WDU 4 ZDU 4 (2)	6x146	WDU 6 ZDU 6 (2)	5x110

### 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

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