

QL KTB QL 987420 S4E0

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Stainless steel enclosures for the use within explosion-risk zones

The Klippon® TB enclosure series features superior performance characteristics, even in the most extreme environmental surroundings. In addition, it meets the rigorous requirements of explosion-risk zones that can be found in the process or power generation industries. The new Klippon® TB QL enclosure series offers further improvements to a product line that is already successfully leading the market.

The Klippon® TB QL enclosure series features the following advantages:

The cover seal is protected against compression, quick-locking lid, comes with a slot as standard, Improved temperature performance IP 66 protection Earthing studs in enclosure cover and bottom section Welded-on mounting feet International approvals

- Available in 12 sizes and 3 standard depths
- Equipped with up to 4 gland plates
- The seal is protected against compression
- Quick-locking lid, comes with a slot as standard
- Improved temperature performance
- IP 66 protection
- Earthing studs in enclosure cover and bottom section

- Welded-on mounting feet
- International approvals

General ordering data

Order No.	1200990000
Type	KTB QL 987420 S4E0
Version	Enclosures, stainless steel enclosure, Stainless steel 1.4404 (316L), 980 mm, 200 mm, 740 mm
GTIN (EAN)	4032248983391
Qty.	1 pc(s).

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Technical data
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	33,300 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
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	980 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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Technical data**Housing earth**

Earth, housing, internal	Welded-on M6 stainless-steel earth stud in lower part of housing and lid.
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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)	KEMA10ATEX0047U	Certificate No. (GERMLLOYD)	11534-10
Certificate No. (IECEX)	IECEXKEM10.0020	Certificate no. (cULus)	E243298VOL1SEC5

Approvals

Approvals



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Drawings

