

QL KTB QL 453820 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.	1200380000
Type	KTB QL 453820 S4E0
Version	Enclosures, stainless steel enclosure, Stainless steel 1.4404 (316L), 458 mm, 200 mm, 382 mm
GTIN (EAN)	4032248982950
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Length	200 mm	Width	382 mm
Height	458 mm	Depth	200 mm
Mounting dimension - width	408 mm	Mounting dimension - height	305 mm
Net weight	7,910 g		

Cable glands, left

M12 (3)	55	M16 (3)	38
M20 (3)	24	M25 (3)	21
M32 (3)	11	M40 (3)	9
M50 (3)	4	M63 (3)	3
M75 (3)	3		

Cable glands, right

M12 (2)	55	M16 (2)	38
M20 (2)	24	M25 (2)	21
M32 (2)	11	M40 (2)	9
M50 (2)	4	M63 (2)	3
M75 (2)	3		

Cable glands, top/bottom

M12	50	M16	34
M20	23	M25	18
M32	10	M40	8
M50	4	M63	3
M75	2		

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
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	458 x 433 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.

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)	KEMA10ATEX0047U	Certificate No. (GERMLLOYD)	11534-10
Certificate No. (IECEX)	IECEXKEM10.0020	Certificate no. (cULus)	E243298VOL1SEC5

Approvals

Approvals



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Drawings

