

QL
KTB QL 484820 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.	1200490000
Type	KTB QL 484820 S4E0
Version	Enclosures, stainless steel enclosure, Stainless steel 1.4404 (316L), 480 mm, 200 mm, 480 mm
GTIN (EAN)	4032248982905
Qty.	1 pc(s).

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Technical data
Dimensions and weights

Length	200 mm	Width	480 mm
Height	480 mm	Depth	200 mm
Mounting dimension - width	506 mm	Mounting dimension - height	327 mm
Net weight	12,100 g		

Cable glands, left

M12 (3)	60	M16 (3)	40
M20 (3)	26	M25 (3)	21
M32 (3)	12	M40 (3)	10
M50 (3)	4	M63 (3)	4
M75 (3)	3		

Cable glands, right

M12 (2)	60	M16 (2)	40
M20 (2)	26	M25 (2)	21
M32 (2)	12	M40 (2)	10
M50 (2)	4	M63 (2)	4
M75 (2)	3		

Cable glands, top/bottom

M12	65	M16	44
M20	29	M25	24
M32	13	M40	11
M50	5	M63	4
M75	3		

General information

AF size 1	10 mm	Access opening: height	427 mm
Access opening: width		Areas of use	Explosive risk zone, Process industry, Oil and gas industry, Chemical industry, Offshore, Onshore
	421 mm	Material thickness	1.5 mm
Installation advice	Terminal rail / mounting plate	Material thickness of flange	3 mm
Material thickness of cover	1.5 mm	Opening angle lid	125 °
Max. payload	92 kg	Position PE bolts	Page C
Overall dimensions	480 x 531 x 210	Seal material	Silicone
Material	Stainless steel 1.4404 (316L)	Operating temperature, min.	-60 °C
Surface finish	electropolished	Impact resistance	7 J ATEX version, 10 J version standard
Operating temperature, max.	135 °C	Enclosure attachment	4 welded-on mounting feet with 11-mm holes (2 slotted feet and 2 cross- shaped feet)
Protection degree		Integral fixing	4, 6 or 9 stud bolts M6 inner (female) thread
	IP 66		
Cover attachment	Quarter-turn fastener with slotted insert		

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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	3x39	WDU 16 / ZDU 16	2x32
WDU 2,5 / ZDU 2,5 / IDU 2,5	4x77	WDU 35 / ZDU 35	2x24
WDU 4 / ZDU 4	3x64	WDU 6 / ZDU 6	3x48

vertical assembly

WDU 10 / ZDU 10 (2)	2x39	WDU 16 / ZDU 16 (2)	2x33
WDU 2,5 / ZDU 2,5 / IDU 2,5 (2)	4x78	WDU 35 / ZDU 35 (2)	1x25
WDU 4 / ZDU 4 (2)	3x65	WDU 6 / ZDU 6 (2)	3x49

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

Approvals

Approvals



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Drawings

