

**QL
KTB QL 403020 S4E1**

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 403020 S4E1
Order No.	1200280000
Version	Enclosures, stainless steel enclosure, Stainless steel 1.4404 (316L), 400 mm, 300 mm, 200 mm
GTIN (EAN)	4032248982806
Qty.	1 pc(s).

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Technische Daten

Dimensions and weights

Length	200 mm	Width	300 mm
Height	400 mm	Depth	200 mm
Mounting dimension - width	326 mm	Mounting dimension - height	247 mm
Net weight	7,900 g		

Cable glands, left

M12 (3)	48	M16 (3)	32
M20 (3)	20	M25 (3)	17
M32 (3)	9	M40 (3)	7
M50 (3)	3	M63 (3)	3
M75 (3)	2		

Cable glands, right

M12 (2)	48	M16 (2)	32
M20 (2)	20	M25 (2)	17
M32 (2)	9	M40 (2)	7
M50 (2)	3	M63 (2)	3
M75 (2)	2		

Cable glands, top/bottom

M12	38	M16	26
M20	17	M25	14
M32	7	M40	6
M50	3	M63	2
M75	2		

General information

AF size 1	10 mm	Access opening: height	347 mm
Access opening: width	241 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	48 kg
Opening angle lid	125 °	Overall dimensions	411 x 351 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	2x21	WDU 16 ZDU 16	2x18
WDU 2,5 ZDU 2,5 IDU 2,5	3x42	WDU 35 ZDU 35	1x13
WDU 4 ZDU 4	3x35	WDU 6 ZDU 6	2x26

vertical assembly

WDU 10 ZDU 10 (2)	1x32	WDU 16 ZDU 16 (2)	1x26
WDU 2,5 ZDU 2,5 IDU 2,5 (2)	2x62	WDU 35 ZDU 35 (2)	1x20
WDU 4 ZDU 4 (2)	2x52	WDU 6 ZDU 6 (2)	1x39

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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Zeichnungen

