



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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QL KTB QL 453815 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.	1200330000
Type	KTB QL 453815 S4E0
Version	Enclosures, stainless steel enclosure, Stainless steel 1.4404 (316L), 458 mm, 150 mm, 382 mm
GTIN (EAN)	4032248983070
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Length	150 mm	Width	382 mm
Height	458 mm	Depth	150 mm
Mounting dimension - width	408 mm	Mounting dimension - height	305 mm
Net weight	7,100 g		

Cable glands, left

M12 (3)	33	M16 (3)	19
M20 (3)	16	M25 (3)	7
M32 (3)	6	M40 (3)	5
M50 (3)	4	M63 (3)	0
M75 (3)	0		

Cable glands, right

M12 (2)	33	M16 (2)	19
M20 (2)	16	M25 (2)	7
M32 (2)	6	M40 (2)	5
M50 (2)	4	M63 (2)	0
M75 (2)	0		

Cable glands, top/bottom

M12	30	M16	17
M20	15	M25	6
M32	5	M40	4
M50	4	M63	0
M75	0		

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 160	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	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)	KEMA10ATEX0051	Certificate No. (GERMLLOYD)	11534-10
Certificate No. (IECEX)	IECEXKEM10.0020	Certificate no. (cULus)	E243298VOL1SEC5

Approvals

Approvals



