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!

Contact us

Weidmüller ⧝Ξ

QL
KTB QL 221513 S4E0

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.	1199850000
Type	KTB QL 221513 S4E0
Version	Enclosures, stainless steel enclosure, Stainless steel 1.4404 (316L), 229 mm, 133 mm, 152 mm
GTIN (EAN)	4032248982714
Qty.	1 pc(s).

Creation date April 25, 2013 10:32:45 PM CEST

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KTB QL 221513 S4E0

Technical data

Dimensions and weights

Length	133 mm	Width	152 mm
Height	229 mm	Depth	133 mm
Mounting dimension - width	178 mm	Mounting dimension - height	152 mm
Net weight	2,500 g		

Cable glands, left

M12 (3)	8	M16 (3)	6
M20 (3)	3	M25 (3)	2
M32 (3)	2	M40 (3)	2
M50 (3)	0	M63 (3)	0
M75 (3)	0		

Cable glands, right

M12 (2)	8	M16 (2)	6
M20 (2)	3	M25 (2)	2
M32 (2)	2	M40 (2)	2
M50 (2)	0	M63 (2)	0
M75 (2)	0		

Cable glands, top/bottom

M12	6	M16	5
M20	2	M25	2
M32	1	M40	1
M50	0	M63	0
M75	0		

General information

AF size 1	10 mm	Access opening: height	176 mm
Access opening: width	93 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	14 kg	Opening angle lid	125 °
Overall dimensions	229 x 203 x 143	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

Creation date April 25, 2013 10:32:45 PM CEST

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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	1x7	WDU 16 / ZDU 16	1x6
WDU 2,5 / ZDU 2,5 / IDU 2,5	1x15	WDU 4 / ZDU 4	1x13
WDU 6 / ZDU 6	1x9		

vertical assembly

WDU 2,5 / ZDU 2,5 / IDU 2,5 (2)	1x29

Classifications

eClass 6.2	27-14-91-07	eClass 7.1	27-14-91-07

Test certificates

Certificate No. (ATEX)	KEMA10ATEX0051	Certificate No. (GERMLLOYD)	11534-10
Certificate No. (IECEX)	IECEXKEM10.0020	Certificate No. (MARITREG)	10.04095.250
Certificate no. (cULus)	E243298VOL1SEC5		

Approvals

Approvals

CE   cULus LISTED   GOSTEX   IECEx   IECEx   Ex

PTB

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KTB QL 221513 S4E0

Drawings

View without cover,
seal and lock

M10 internal/external
ground connection

M6 internal ground
connection

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