

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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**MH**  
**KTB MH 221513 S4E0**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergsstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-292083  
[www.weidmueller.com](http://www.weidmueller.com)



Stainless steel housings for the use within explosive-risk zones

The Klippon® TB housing series features excellent performance characteristics, even under the most difficult environmental surroundings. And it meets the stricter requirements of explosive-risk zones found in the process or power generation industries

The new Klippon® TB MH housing series offers further improvements to a product line that is already successfully leading the market.

The Klippon® TB MH housing series features the following advantages:

- Available in 12 sizes and 3 standard depths
- Equipped with up to 4 flange plates
- The seal is protected against compression
- Completely removable padlock mechanism
- Cover lock outside the sealed zone
- Improved temperature performance
- IP66/IP67 protection
- Completely removable cover – no tools required
- Earth stud in housing cover and bottom section
- Welded-on mounting feet
- International approvals

**General ordering data**

Order No.	<a href="#">1194550000</a>
Type	KTB MH 221513 S4E0
Version	Enclosures, stainless steel enclosure, Stainless steel 1.4404 (316L), 229 mm, 133 mm, 152 mm
GTIN (EAN)	4032248977338
Qty.	1 pc(s).

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**Technical data**

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**Dimensions and weights**

Length	133 mm
Height	229 mm
Mounting dimension - width	178 mm
Net weight	3,740 g

Width	152 mm
Depth	133 mm
Mounting dimension - height	152 mm

**Cable glands, left**

M12 (3)	8
M20 (3)	3
M32 (3)	2
M50 (3)	0
M75 (3)	0

M16 (3)	6
M25 (3)	2
M40 (3)	2
M63 (3)	0

**Cable glands, right**

M12 (2)	8
M20 (2)	3
M32 (2)	2
M50 (2)	0
M75 (2)	0

M16 (2)	6
M25 (2)	2
M40 (2)	2
M63 (2)	0

**Cable glands, top/bottom**

M12	6
M20	2
M32	1
M50	0
M75	0

M16	5
M25	2
M40	1
M63	0

**General information**

AF size 1	10 mm
Access opening: width	93 mm
Installation advice	Terminal rail / mounting plate
Material thickness of cover	1.5 mm
Max. payload	14 kg
Overall dimensions	229 x 203 x 148
Material	Stainless steel 1.4404 (316L)
Surface finish	electropolished
Operating temperature, max.	135 °C
Protection degree	IP 66, IP 67
Enclosure attachment	4 welded-on mounting feet with 11-mm holes (2 slotted feet and 2 cross-shaped feet)
Integral fixing	4, 6 or 9 stud bolts M6 inner (female) thread

Access opening: height	176 mm
Areas of use	Explosive risk zone, Process industry, Oil and gas industry, Chemical industry, Offshore, Onshore
Material thickness	1.5 mm
Material thickness of flange	3 mm
Opening angle lid	125 °
Position PE bolts	Page C
Seal material	Silicone
Operating temperature, min.	-60 °C
Impact resistance	7 J ATEX version, 10 J version standard
Note: protection class	For use in the temperature range over 105°C, the IP protection is limited to IP 66.
Cover attachment	4 hinges and M6 hex-head slotted screws SW10

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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	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
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**Classifications**

eClass 6.2	27-14-91-07	eClass 7.1	27-14-91-07
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**Test certificates**

Certificate No. (ATEX)	KEMA10ATEX0050	Certificate No. (GERMLLOYD)	11533-10
Certificate No. (IECEx)	IECEXKEM10.0019	Certificate No. (MARITREG)	10.04093.250
Certificate no. (cULus)	E243298VOL1SEC4		

**Approvals**

Approvals



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**Drawings**