

## MH KTB MH 221513 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 MH enclosure range offers further improvements to a product line that is already successfully leading the market.

The Klippon® TB MH enclosure range has the following advantages:

- Available in 12 sizes and 3 standard depths
- Equipped with up to 4 gland plates
- The gasket is protected against compression
- Completely removable padlock tab
- Cover lock outside the sealed zone
- Improved temperature performance
- IP66/IP67 protection
- Completely removable lid – without a tool
- Earthing bolt welded in the cover and base of the enclosure
- Welded mounting feet
- International approvals

### General ordering data

Type	KTB MH 221513 S4E1
Order No.	<a href="#">1194560000</a>
Version	Enclosures, stainless steel enclosure, Stainless steel 1.4404 (316L), 229 mm, 152 mm, 133 mm
GTIN (EAN)	4032248977185
Qty.	1 pc(s).

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## Technische Daten

### 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	3,060 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
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	14 kg
Opening angle lid	125 °	Overall dimensions	240 x 203 x 148
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, IP 67
Note: protection class	For use in the temperature range over 105°C, the IP protection is limited to IP 66.	Enclosure attachment	4 welded-on mounting feet with 11-mm holes (2 slotted feet and 2 cross-shaped feet)
Cover attachment	4 hinges and M6 hex-head slotted screws SW10	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	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)	KEMA10ATEX0046U	Certificate No. (GERMLLOYD)	11533-10
Certificate No. (IECEX)	IECEXKEM10.0015U	Certificate No. (MARITREG)	10.04093.250
Certificate no. (cULus)	E243298VOL1SEC4		

### Product information

Descriptive text ordering data      Colour variations may possibly occur in the case of painted housings.

Descriptive text technical data      \*For the housing versions with no, one or two gland plates, the horizontal distance of the mounting feet is reduced by 30 mm.  
When mounting modular terminals please leave a distance of 10 mm to the ends of the DIN rail.  
Ordering recommendations:  
TS 35 terminal rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal)  
ZDU 2.5 1608510000 / (tension clamp terminal) PDU 2.5 1896110000  
TS 32 terminal rail (screw terminal) SAK 2.5 0279660000  
TS 15 terminal rail (screw terminal) AKZ 2.5 0697160000

### Approvals

Approvals



ROHS      Conform

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**Zeichnungen**

