

## MH KTB MH 916120 S4E4

**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 916120 S4E4
Order No.	<a href="#">1195590000</a>
Version	Enclosures, stainless steel enclosure, Stainless steel 1.4404 (316L), 914 mm, 610 mm, 200 mm
GTIN (EAN)	4032248977901
Qty.	1 pc(s).

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## Technische Daten

### Dimensions and weights

Length	200 mm	Width	610 mm
Height	914 mm	Depth	200 mm
Mounting dimension - width	666 mm	Mounting dimension - height	559 mm
Net weight	28,200 g		

### Cable glands, left

M12 (3)	116	M16 (3)	80
M20 (3)	52	M25 (3)	42
M32 (3)	24	M40 (3)	20
M50 (3)	8	M63 (3)	6
M75 (3)	6		

### Cable glands, right

M12 (2)	116	M16 (2)	80
M20 (2)	52	M25 (2)	42
M32 (2)	24	M40 (2)	20
M50 (2)	8	M63 (2)	6
M75 (2)	6		

### Cable glands, top/bottom

M12	88	M16	58
M20	38	M25	33
M32	18	M40	15
M50	6	M63	5
M75	4		

### General information

AF size 1	10 mm	Access opening: height	861 mm
Access opening: width	551 mm	Areas of use	Explosive risk zone, Process industry, Oil and gas industry, Chemical industry, Offshore, Onshore
Gland plates	Bottom, top, left, right	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	223 kg
Opening angle lid	125 °	Overall dimensions	936 x 691 x 215
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	6x52	WDU 16 ZDU 16	5x43
WDU 2,5 ZDU 2,5 IDU 2,5	8x102	WDU 35 ZDU 35	4x32
WDU 4 ZDU 4	7x85	WDU 6 ZDU 6	7x64

### vertical assembly

WDU 10 ZDU 10 (2)	3x82	WDU 16 ZDU 16 (2)	3x68
WDU 2,5 ZDU 2,5 IDU 2,5 (2)	5x161	WDU 35 ZDU 35 (2)	2x51
WDU 4 ZDU 4 (2)	4x135	WDU 6 ZDU 6 (2)	4x102

### 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		

### 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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