

## MH KTB MH 453820 S4E3

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-292083  
 www.weidmueller.com



### 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 453820 S4E3
Order No.	<a href="#">1195080000</a>
Version	Enclosures, stainless steel enclosure, Stainless steel 1.4404 (316L), 458 mm, 382 mm, 200 mm
GTIN (EAN)	4032248977574
Qty.	1 pc(s).

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## Technische Daten

### Dimensions and weights

Length	200 mm	Width	382 mm
Height	458 mm	Depth	200 mm
Mounting dimension - width	438 mm	Mounting dimension - height	305 mm
Net weight	12,500 g		

### Cable glands, left

M12 (3)	55	M16 (3)	38
M20 (3)	24	M25 (3)	21
M32 (3)	11	M40 (3)	9
M50 (3)	4	M63 (3)	3
M75 (3)	3		

### Cable glands, right

M12 (2)	55	M16 (2)	38
M20 (2)	24	M25 (2)	21
M32 (2)	11	M40 (2)	9
M50 (2)	4	M63 (2)	3
M75 (2)	3		

### Cable glands, top/bottom

M12	50	M16	34
M20	23	M25	18
M32	10	M40	8
M50	4	M63	3
M75	2		

### General information

AF size 1	10 mm	Access opening: height	405 mm
Access opening: width		Areas of use	Explosive risk zone, Process industry, Oil and gas industry, Chemical industry, Offshore, Onshore
	323 mm	Installation advice	Terminal rail / mounting plate
Gland plates	Bottom, left, right	Material thickness of cover	1.5 mm
Material thickness	1.5 mm	Max. payload	70 kg
Material thickness of flange	3 mm	Overall dimensions	469 x 463 x 215
Opening angle lid	125 °	Material	Stainless steel 1.4404 (316L)
Position PE bolts	Page C	Surface finish	electropolished
Seal material	Silicone	Operating temperature, max.	135 °C
Operating temperature, min.	-60 °C	Protection degree	IP 66, IP 67
Impact resistance	7 J ATEX version, 10 J version standard	Enclosure attachment	4 welded-on mounting feet with 11-mm holes (2 slotted feet and 2 cross- shaped feet)
Note: protection class	For use in the temperature range over 105°C, the IP protection is limited to IP 66.	Integral fixing	4, 6 or 9 stud bolts M6 inner (female) thread
Cover attachment	4 hinges and M6 hex-head slotted screws SW10		

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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	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)	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

Approvals



ROHS      Conform

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**Zeichnungen**

