

**MH
KTB MH 987420 S4E1**

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 987420 S4E1
Order No.	1195610000
Version	Enclosures, stainless steel enclosure, Stainless steel 1.4404 (316L), 980 mm, 740 mm, 200 mm
GTIN (EAN)	4032248978380
Qty.	1 pc(s).

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Technische Daten

Dimensions and weights

Length	200 mm	Width	740 mm
Height	980 mm	Depth	200 mm
Mounting dimension - width	766 mm	Mounting dimension - height	625 mm
Net weight	34,800 g		

Cable glands, left

M12 (3)	126	M16 (3)	84
M20 (3)	54	M25 (3)	48
M32 (3)	26	M40 (3)	22
M50 (3)	10	M63 (3)	8
M75 (3)	6		

Cable glands, right

M12 (2)	126	M16 (2)	84
M20 (2)	54	M25 (2)	48
M32 (2)	26	M40 (2)	22
M50 (2)	10	M63 (2)	8
M75 (2)	6		

Cable glands, top/bottom

M12	96	M16	64
M20	42	M25	36
M32	20	M40	16
M50	6	M63	6
M75	4		

General information

AF size 1	10 mm	Access opening: height	927 mm
Access opening: width	681 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	290 kg
Opening angle lid	125 °	Overall dimensions	991 x 791 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	6x64	WDU 16 ZDU 16	5x54
WDU 2,5 ZDU 2,5 IDU 2,5	9x127	WDU 35 ZDU 35	4x40
WDU 4 ZDU 4	8x106	WDU 6 ZDU 6	7x80

vertical assembly

WDU 10 ZDU 10 (2)	4x88	WDU 16 ZDU 16 (2)	4x74
WDU 2,5 ZDU 2,5 IDU 2,5 (2)	6x174	WDU 35 ZDU 35 (2)	3x55
WDU 4 ZDU 4 (2)	6x146	WDU 6 ZDU 6 (2)	5x110

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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