

MH KTB MH 624520 S4E2

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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 624520 S4E2
Order No.	1195370000
Version	Enclosures, stainless steel enclosure, Stainless steel 1.4404 (316L), 620 mm, 450 mm, 200 mm
GTIN (EAN)	4032248978021
Qty.	1 pc(s).

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Technische Daten

Dimensions and weights

Length	200 mm	Width	450 mm
Height	620 mm	Depth	200 mm
Mounting dimension - width	476 mm	Mounting dimension - height	450 mm
Net weight	15,830 g		

Cable glands, left

M12 (3)	80	M16 (3)	54
M20 (3)	36	M25 (3)	30
M32 (3)	17	M40 (3)	14
M50 (3)	6	M63 (3)	5
M75 (3)	4		

Cable glands, right

M12 (2)	80	M16 (2)	54
M20 (2)	36	M25 (2)	30
M32 (2)	17	M40 (2)	14
M50 (2)	6	M63 (2)	5
M75 (2)	4		

Cable glands, top/bottom

M12	63	M16	42
M20	27	M25	23
M32	12	M40	10
M50	4	M63	4
M75	3		

General information

AF size 1	10 mm	Access opening: height	567 mm
Access opening: width	391 mm	Areas of use	Explosive risk zone, Process industry, Oil and gas industry, Chemical industry, Offshore, Onshore
Gland plates	Bottom, top	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	112 kg
Opening angle lid	125 °	Overall dimensions	642 x 501 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	4x36	WDU 16 ZDU 16	3x30
WDU 2,5 ZDU 2,5 IDU 2,5	5x71	WDU 35 ZDU 35	2x22
WDU 4 ZDU 4	5x59	WDU 6 ZDU 6	4x45

vertical assembly

WDU 10 ZDU 10 (2)	2x53	WDU 16 ZDU 16 (2)	2x44
WDU 2,5 ZDU 2,5 IDU 2,5 (2)	3x105	WDU 35 ZDU 35 (2)	1x33
WDU 4 ZDU 4 (2)	3x88	WDU 6 ZDU 6 (2)	3x66

Classifications

eClass 6.2	27-14-91-07	eClass 7.1	27-14-91-07
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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 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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Zeichnungen

