

## MH KTB MH 6245 15 S4E1

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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 6245 15 S4E1
Order No.	<a href="#">1195310000</a>
Version	Enclosures, stainless steel enclosure, Stainless steel 1.4404 (316L), 620 mm, 450 mm, 150 mm
GTIN (EAN)	4032248977888
Qty.	1 pc(s).

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## Technische Daten

### Dimensions and weights

Length	150 mm	Width	450 mm
Height	620 mm	Depth	150 mm
Mounting dimension - width	476 mm	Mounting dimension - height	450 mm
Net weight	12,800 g		

### Cable glands, left

M12 (3)	48	M16 (3)	27
M20 (3)	24	M25 (3)	10
M32 (3)	9	M40 (3)	7
M50 (3)	6	M63 (3)	0
M75 (3)	0		

### Cable glands, right

M12 (2)	48	M16 (2)	27
M20 (2)	24	M25 (2)	10
M32 (2)	9	M40 (2)	7
M50 (2)	6	M63 (2)	0
M75 (2)	0		

### Cable glands, top/bottom

M12	38	M16	21
M20	18	M25	8
M32	6	M40	5
M50	4	M63	0
M75	0		

### 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	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	631 x 501 x 165
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)	IECEXKEM10.0019	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



