

MH
KTB MH 453820 S4E0

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Stainless steel housings for the use within explosive-risk zones

The Klippon® TB housing series features excellent performance characteristics, even under the most difficult environmental surroundings. And it meets the stricter requirements of explosive-risk zones found in the process or power generation industries

The new Klippon® TB MH housing series offers further improvements to a product line that is already successfully leading the market.

The Klippon® TB MH housing series features the following advantages:

- Available in 12 sizes and 3 standard depths
- Equipped with up to 4 flange plates
- The seal is protected against compression
- Completely removable padlock mechanism
- Cover lock outside the sealed zone
- Improved temperature performance
- IP66/IP67 protection
- Completely removable cover – no tools required
- Earth stud in housing cover and bottom section
- Welded-on mounting feet
- International approvals

General ordering data

Order No.	1195050000
Type	KTB MH 453820 S4E0
Version	Enclosures, stainless steel enclosure, Stainless steel 1.4404 (316L), 458 mm, 200 mm, 382 mm
GTIN (EAN)	4032248977864
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Length	200 mm	Width	382 mm
Height	458 mm	Depth	200 mm
Mounting dimension - width	408 mm	Mounting dimension - height	305 mm
Net weight	7,910 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	Material thickness	1.5 mm
Installation advice	Terminal rail / mounting plate	Material thickness of flange	3 mm
Material thickness of cover	1.5 mm	Opening angle lid	125 °
Max. payload	70 kg	Position PE bolts	Page C
Overall dimensions	458 x 433 x 215	Seal material	Silicone
Material	Stainless steel 1.4404 (316L)	Operating temperature, min.	-60 °C
Surface finish	electropolished	Impact resistance	7 J ATEX version, 10 J version standard
Operating temperature, max.	135 °C	Note: protection class	For use in the temperature range over 105°C, the IP protection is limited to IP 66.
Protection degree		Cover attachment	4 hinges and M6 hex-head slotted screws SW10
	IP 66, IP 67		
Enclosure attachment	4 welded-on mounting feet with 11-mm holes (2 slotted feet and 2 cross-shaped feet)		
Integral fixing	4, 6 or 9 stud bolts M6 inner (female) thread		

Creation date April 25, 2013 10:06:16 PM CEST

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Technical data

Housing earth

Earth, housing, internal	Welded-on M6 stainless-steel earth stud in lower part of housing and lid.
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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		

Approvals

Approvals



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Drawings

