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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## MH KTB MH 987420 S4E0

**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 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.	<a href="#">1195600000</a>
Type	KTB MH 987420 S4E0
Version	Enclosures, stainless steel enclosure, Stainless steel 1.4404 (316L), 980 mm, 200 mm, 740 mm
GTIN (EAN)	4032248978328
Qty.	1 pc(s).

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**Technical data**
**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	33,300 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
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	980 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		

Creation date April 25, 2013 10:16:15 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.

**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)	KEMA10ATEX0046U	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**

