

**KTB MH 453820 S2E2**

**Weidmüller Interfaces GmbH & Co. KG**

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**Similar to illustration**



Abbildung ähnlich

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 specifically in the process or power generation industries. The 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 15 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 stud in the cover and base of the enclosure
- Welded mounting feet
- International approvals

**General ordering data**

Version	Klippon TB MH (Terminal Box - Multi Hinge), Empty enclosure, stainless steel enclosure, Height: 458 mm, Width: 382 mm, Depth: 200 mm, Gland plates: Bottom, top, Material: Stainless steel 1.4301 (304), electropolished, silver
Order No.	<a href="#">1195070001</a>
Type	KTB MH 453820 S2E2
GTIN (EAN)	4050118106640
Qty.	1 Stück

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### Dimensions and weights

Depth	200 mm	Depth (inches)	7.874 inch
Height	458 mm	Height (inches)	18.031 inch
Width	382 mm	Width (inches)	15.039 inch
Mounting dimension - height	305 mm	Mounting dimension - width	408 mm
Net weight	16,835.389 g		

### Temperatures

Operating temperature	-60 °C...135 °C	Operating temperature, min.	-60 °C
Operating temperature, max.	135 °C	Note: room temperature (service)	Limited to IP66 protection when used in temperatures greater than 105 °C.

### Cable glands, left

M12	55	M16	38
M20	24	M25	21
M32	11	M40	9
M50	4	M63	3
M75	3		

### Cable glands, right

M12	55	M16	38
M20	24	M25	21
M32	11	M40	9
M50	4	M63	3
M75	3		

### Cable glands, top/bottom

M12	50	M16	34
M20	23	M25	18
M32	10	M40	8
M50	4	M63	3
M75	2		

### Certificate numbers enclosure

Approval conditions	ATEX, CCoE, DNV, EAC, IECEX, INMETRO, KC, NEPSI, CCC, RMRS, UL AEx Class Div., UL AEx Class Zone, cULus	Attestation of Conformatiy No. (AoC)	DE PS261X 160309 001ISS03
Certificate No. (ATEX)	PTB11ATEX2019	Certificate No. (CCOE)	P461058_1
Certificate No. (IECEX)	IECEXPTB11.0071	Certificate No. (MARITREG)	21.50075.272
Certificate No. Electronic Box (NEPSI)	2020322303003289	Certificate No. UL 508A	E223801
Certificate No. UL Haz.Loc.	E223792	Certificate No. UL Ord.Loc.	E243298
Certificate No. UL Terminal Box	E223792	Certificate no. (INMETRO)	IEX13.0006U
Certificate no. (cULus)	E243298	Certificate no. Terminal Box (INMETRO)	LMP 21.0017
Certificate no. empty enclosure (ECAS)	<b>21-09-25241/ E21-09-053807</b>	Declaration of Conformatiy No. (DoC LVD)	DE PS261X 160412 001ISS02

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### General information

AF size	10 mm	Access opening: height	105 mm
Access opening: width		Areas of use	Explosive risk zone, Process industry, Oil and gas industry, Chemical industry, Offshore, Onshore
Dimension of box	323 mm	Enclosure attachment	4 welded-on mounting feet with 11 mm holes (2 slotted feet and 2 cross-shaped feet)
Flange plate	580x620x290	Flange plate mounting	M6 hexagonal head screws 10 SW
Gland plates	Yes	Impact resistance	7 J ATEX version, 10 J version standard
Integral fixing	Bottom, top	Lid	Yes
Lid attachment	4, 6 or 9 stud bolts M6 inner (female) thread	Material	Stainless steel 1.4301 (304)
Material thickness of cover	4 hinges and M6 hex-head slotted screws SW10	Material thickness of enclosure	1.5 mm
Material thickness of flange	1.5 mm	Max. payload	70 kg
Note: protection class	3 mm	Number of lid screws	4
Opening angle lid	If used in temperature ranges above 105 °C, IP protection is limited to IP 66.	Operating temperature, max.	135 °C
Operating temperature, min.	130 °	Overall dimensions	480 x 433 x 215
Position PE bolts	-60 °C	Protection class (UL)	Type 3, Type 4X, Type 12
Protection degree	Enclosure side C	Seal material	Silicone
Standards	IP66, IP67	Surface finish	electropolished
Torque for lid screws	DIN EN 62208 - Empty enclosure standard, DIN EN 61373 Class 1B**, DIN EN 15085-2, EN 60079-0, EN 60079-7, EN 60079-31, IEC 60079-0, IEC 60079-7, IEC 60079-31		
	2.5 Nm		

### Housing earth

Earth, enclosure, internal	Welded-on M6 stainless-steel earth stud in enclosure body and lid.
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### horizontal assembly

WDU 10 / ZDU 10	2x27	WDU 16 / ZDU 16	2x22
WDU 2,5 / ZDU 2,5 / IDU 2,5	4x54	WDU 35 / ZDU 35	1x17
WDU 4 / ZDU 4	3x46	WDU 6 / ZDU 6	3x34

### vertical assembly

WDU 10 / ZDU 10	2x36	WDU 16 / ZDU 16	2x29
WDU 2,5 / ZDU 2,5 / IDU 2,5	3x71	WDU 35 / ZDU 35	1x22
WDU 4 / ZDU 4	2x59	WDU 6 / ZDU 6	2x44

Erstellungs-Datum May 22, 2023 2:56:48 PM CEST

Katalogstand 12.05.2023 / Technische Änderungen vorbehalten

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**Classifications**

ETIM 6.0	EC002503	ETIM 7.0	EC002503
ETIM 8.0	EC002503	ECLASS 9.0	27-18-05-02
ECLASS 9.1	27-18-05-02	ECLASS 10.0	27-18-05-02
ECLASS 11.0	27-18-05-02	ECLASS 12.0	27-18-05-02

**Environmental Product Compliance**

REACH SVHC	Lead 7439-92-1
SCIP	8d5fcdfe-c58e-44e1-a6b4-74d2bbccc9dd

**Important note**

Product information	Minimum order quantity (5 pieces)
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**Approvals**

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E243298

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### Downloads

Approval/Certificate/Document of Conformity	<a href="#">C-DE.HB07.B.00089-Empty Enclosures and Ex. Terminal Box</a> <a href="#">C-DE.AД54.B.00251.19 Ind. Terminal Box</a> <a href="#">CCC 2020322303002358 KTB Assembly Enclosure</a> <a href="#">CCC 2020322303002357 KTB Empty Enclosure</a> <a href="#">Attestation of Conformity - Klippon TB Empty Enclosures - AoC DE PS261X 160309 001ISS05 IEX17.0020U</a> <a href="#">IBEXU14ATEX1028U</a> <a href="#">IBEXU14ATEX1050</a> <a href="#">IECEXIBE14.0004U</a> <a href="#">IECEXIBE14.0013</a> <a href="#">TAE000013S</a> <a href="#">15.40073.250</a> <a href="#">GYJ14.1310X</a> <a href="#">IECEXPTB11.0071</a> <a href="#">PTB11ATEX2019</a> <a href="#">16-AV4BO-245X</a> <a href="#">P4610581_1</a> <a href="#">21-09-25241/E2 1-09-053807</a> <a href="#">EU Declaration of Conformity - Klippon TB Empty Enclosures - DoC DE PS261X 160412 001ISS03</a>
User Documentation	<a href="#">Assembly guidelines - empty enclosures</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

