

**KTB MH 484820 S2N1**

**Weidmüller Interfaces GmbH & Co. KG**

Postfach 3030

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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: 480 mm, Width: 480 mm, Depth: 200 mm, Gland plates: Bottom, Material: Stainless steel 1.4301 (304), untreated, silver
Order No.	<a href="#">1195160003</a>
Type	KTB MH 484820 S2N1
GTIN (EAN)	4050118106350
Qty.	1 Stück

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## Technische Daten

### Dimensions and weights

Depth	200 mm	Depth (inches)	7.874 inch
Height	480 mm	Height (inches)	18.898 inch
Width	480 mm	Width (inches)	18.898 inch
Mounting dimension - height	327 mm	Mounting dimension - width	506 mm
Net weight	18,191.389 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	60	M16	40
M20	26	M25	21
M32	12	M40	10
M50	4	M63	4
M75	3		

### Cable glands, right

M12	60	M16	40
M20	26	M25	21
M32	12	M40	10
M50	4	M63	4
M75	3		

### Cable glands, top/bottom

M12	65	M16	44
M20	29	M25	24
M32	13	M40	11
M50	5	M63	4
M75	3		

### 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	127 mm
Access opening: width		Areas of use	Explosive risk zone, Process industry, Oil and gas industry, Chemical industry, Offshore, Onshore
Dimension of box	421 mm	Enclosure attachment	4 welded-on mounting feet with 11 mm holes (2 slotted feet and 2 cross-shaped feet)
Flange plate	640x680x290	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	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	92 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	491 x 531 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	untreated
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	3x37	WDU 16 / ZDU 16	2x31
WDU 2,5 / ZDU 2,5 / IDU 2,5	4x74	WDU 35 / ZDU 35	2x23
WDU 4 / ZDU 4	3x62	WDU 6 / ZDU 6	3x46

### vertical assembly

WDU 10 / ZDU 10	2x38	WDU 16 / ZDU 16	2x31
WDU 2,5 / ZDU 2,5 / IDU 2,5	4x75	WDU 35 / ZDU 35	1x23
WDU 4 / ZDU 4	3x62	WDU 6 / ZDU 6	3x47

Erstellungs-Datum May 22, 2023 3:01:57 PM CEST

Katalogstand 12.05.2023 / Technische Änderungen vorbehalten

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**Technische Daten**

**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

[C-DE.HB07.B.00089-Empty Enclosures and Ex. Terminal Box](#)  
[C-DE.A154.B.00251.19 Ind. Terminal Box](#)  
[CCC 2020322303002358 KTB Assembly Enclosure](#)  
[CCC 2020322303002357 KTB Empty Enclosure](#)  
[Attestation of Conformity - Klippon TB Empty Enclosures - AoC DE PS261X 160309 001ISS05 IEX17.0020U](#)  
[IBEXU14ATEX1028U](#)  
[IBEXU14ATEX1050](#)  
[IECEXIBE14.0004U](#)  
[IECEXIBE14.0013](#)  
[TAE000013S](#)  
[15.40073.250](#)  
[GYJ14.1310X](#)  
[IECEXPTB11.0071](#)  
[PTB11ATEX2019](#)  
[16-AV4BO-245X](#)  
[P4610581\\_1](#)  
[21-09-25241/E2 1-09-053807](#)  
[EU Declaration of Conformity - Klippon TB Empty Enclosures - DoC DE PS261X 160412 001ISS03](#)

User Documentation

[Assembly guidelines - empty enclosures](#)

Catalogues

[Catalogues in PDF-format](#)

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**Zeichnungen**

**Dimensioned drawing**

