

**KTB MH 553520 S4N1**

**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: 550 mm, Width: 350 mm, Depth: 200 mm, Gland plates: Bottom, Material: Stainless steel 1.4404 (316L), untreated, silver
Order No.	<a href="#">1195260002</a>
Type	KTB MH 553520 S4N1
GTIN (EAN)	4050118106060
Qty.	1 Stück

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## Technische Daten

### Dimensions and weights

Depth	200 mm	Depth (inches)	7.874 inch
Height	550 mm	Height (inches)	21.653 inch
Width	350 mm	Width (inches)	13.78 inch
Mounting dimension - height	350 mm	Mounting dimension - width	376 mm
Net weight	16,573.428 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	70	M16	48
M20	30	M25	26
M32	14	M40	12
M50	5	M63	4
M75	3		

### Cable glands, right

M12	70	M16	48
M20	30	M25	26
M32	14	M40	12
M50	5	M63	4
M75	3		

### Cable glands, top/bottom

M12	45	M16	30
M20	20	M25	17
M32	9	M40	7
M50	3	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 Conformity 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 Conformity No. (DoC LVD)	DE PS261X 160412 001ISS02

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Explosive risk zone, Process industry, Oil and gas industry, Chemical industry, Offshore, Onshore

4 welded-on mounting feet with 11 mm holes (2 slotted feet and 2 cross-shaped feet)

M6 hexagonal head screws 10 SW

7 J ATEX version, 10 J version standard

Yes

Stainless steel 1.4404 (316L)

1.5 mm

3 mm

Number of lid screws

8

Operating temperature, max. 135 °C

Overall dimensions 561 x 401 x 215

Protection class (UL) Type 3, Type 4X, Type 12

Seal material Silicone

Surface finish

untreated

### General information

AF size	10 mm
Access opening: width	
Dimension of box	291 mm
Flange plate	550x710x290
Gland plates	Yes
Integral fixing	Bottom
Lid attachment	4, 6 or 9 stud bolts M6 inner (female) thread
Material thickness of cover	4 hinges and M6 hex-head slotted screws SW10
Material thickness of flange	1.5 mm
Note: protection class	3 mm
Opening angle lid	If used in temperature ranges above 105 °C, IP protection is limited to IP 66.
Operating temperature, min.	130 °
Position PE bolts	-60 °C
Protection degree	Enclosure side C
Standards	IP66, IP67
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

Access opening: height	197 mm
Areas of use	
Enclosure attachment	
Flange plate mounting	
Impact resistance	
Lid	
Material	
Material thickness of enclosure	
Max. payload	
Operating temperature, max.	
Overall dimensions	
Protection class (UL)	
Seal material	
Surface finish	

### 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	3x24	WDU 16 / ZDU 16	3x20
WDU 2,5 / ZDU 2,5 / IDU 2,5	4x48	WDU 35 / ZDU 35	2x15
WDU 4 / ZDU 4	4x40	WDU 6 / ZDU 6	4x30

### vertical assembly

WDU 10 / ZDU 10	2x45	WDU 16 / ZDU 16	1x37
WDU 2,5 / ZDU 2,5 / IDU 2,5	2x89	WDU 35 / ZDU 35	1x28
WDU 4 / ZDU 4	2x73	WDU 6 / ZDU 6	2x55

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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

[C-DE.HB07.B.00089-Empty Enclosures and Ex. Terminal Box](#)  
[C-DE.AД54.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](#)

