

KTB MH 303020 S2N4

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: 306 mm, Width: 306 mm, Depth: 200 mm, Gland plates: Bottom, top, left, right, Material: Stainless steel 1.4301 (304), untreated, silver
Order No.	1194790003
Type	KTB MH 303020 S2N4
GTIN (EAN)	4050118107463
Qty.	1 Stück

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Technische Daten

Dimensions and weights

Depth	200 mm	Depth (inches)	7.874 inch
Height	306 mm	Height (inches)	12.047 inch
Width	306 mm	Width (inches)	12.047 inch
Mounting dimension - height	203 mm	Mounting dimension - width	362 mm
Net weight	14,405.188 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	33	M16	22
M20	14	M25	12
M32	6	M40	5
M50	2	M63	2
M75	1		

Cable glands, right

M12	33	M16	22
M20	14	M25	12
M32	6	M40	5
M50	2	M63	2
M75	1		

Cable glands, top/bottom

M12	40	M16	26
M20	17	M25	14
M32	8	M40	6
M50	3	M63	2
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)	21-09-25241/ E21-09-053807	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 1.4301 (304)

1.5 mm

3 mm

Number of lid screws

4

Operating temperature, max. 135 °C

Overall dimensions 328 x 387 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	247 mm
Flange plate	460x500x290
Gland plates	Yes
Integral fixing	Bottom, top, left, right
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	253 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	1x20	WDU 16 / ZDU 16	1x16
WDU 2,5 / ZDU 2,5 / IDU 2,5	2x40	WDU 35 / ZDU 35	1x12
WDU 4 / ZDU 4	2x33	WDU 6 / ZDU 6	2x25

vertical assembly

WDU 10 / ZDU 10	1x20	WDU 16 / ZDU 16	1x17
WDU 2,5 / ZDU 2,5 / IDU 2,5	2x41	WDU 35 / ZDU 35	1x12
WDU 4 / ZDU 4	2x34	WDU 6 / ZDU 6	2x25

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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.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

