

**Klippon TB MH (Terminal Box - Multi Hinge)
KTB MH 624520 S4E1**

Weidmüller Interface GmbH & Co. KG
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Product image

Abbildung ähnlich

Stainless steel enclosures for use in areas exposed to explosion hazards

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 new 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 12 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

Type	KTB MH 624520 S4E1
Order No.	1195360000
Version	Klippon TB MH (Terminal Box - Multi Hinge), Empty enclosure, stainless steel enclosure, Height: 620 mm, Width: 450 mm, Depth: 200 mm, Gland plates: Bottom, Material: Stainless steel 1.4404 (316L), electropolished, silver
GTIN (EAN)	4032248978038
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Width	450 mm	Width (inches)	17.716 inch
Height	620 mm	Height (inches)	24.409 inch
Depth	200 mm	Depth (inches)	7.874 inch
Mounting dimension - width	476 mm	Mounting dimension - height	450 mm
Net weight	14,240 g		

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

Cable glands, left

M12	80	M16	54
M20	36	M25	30
M32	17	M40	14
M50	6	M63	5
M75	4		

Cable glands, right

M12	80	M16	54
M20	36	M25	30
M32	17	M40	14
M50	6	M63	5
M75	4		

Cable glands, top/bottom

M12	63	M16	42
M20	27	M25	23
M32	12	M40	10
M50	4	M63	4
M75	3		

Certificate numbers enclosure

Certificate no. Terminal Box (ATEX)	IBExU14ATEX1050	Certificate no. empty enclosure (ATEX)	IBExU14ATEX1028 U
Certificate no. Terminal Box (IECEX)	IECEXIBE14.0013	Certificate no. empty enclosure (IECEX)	IECEX IBE 14.0004U
Certificate no. Terminal Box (EAC)	RU C-DE.ГБ08.В.01328	Certificate no., empty enclosure (EAC)	RU C-DE.ГБ08.В.00472
Certificate no. Terminal Box (INMETRO)	IEEx 17.0021	Certificate no. empty enclosure (INMETRO)	IEEx 17.0020U
Certificate no. Terminal Box (AEx)	E223792	Certificate no. empty enclosure (NEPSI)	GYJ14.1308U
Certificate no. Terminal Box (NEPSI)	GYJ14.1309	Certificate no. Terminal Box (KOSHA)	16-AV4BO-0245X
Certificate No. (MARITREG)	15.40073.250	Certificate no. (cULus)	E243298
Certificate No. (CCOE)	P461058_1	Certificate No. (DNVGL)	TAE000013S

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General information

AF size 1	10 mm	Access opening: height	567 mm
Access opening: width		Areas of use	Explosive risk zone, Process industry, Oil and gas industry, Chemical industry, Offshore, Onshore
	391 mm		
Gland plates	Bottom	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	112 kg
Opening angle lid	130 °	Overall dimensions	631 x 501 x 215
Position PE bolts		Standards	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
	Page C		
Torque for lid screws	2.5 Nm	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	IP66, IP67
Note: protection class	If used in temperature ranges above 105 °C, 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)
Lid attachment	4 hinges and M6 hex-head slotted screws SW10	Integral fixing	4, 6 or 9 stud bolts M6 inner (female) thread

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	4x33	WDU 16 / ZDU 16	3x26
WDU 2,5 / ZDU 2,5 / IDU 2,5	5x65	WDU 35 / ZDU 35	2x20
WDU 4 / ZDU 4	5x54	WDU 6 / ZDU 6	4x41

vertical assembly

WDU 10 / ZDU 10	2x49	WDU 16 / ZDU 16	2x42
WDU 2,5 / ZDU 2,5 / IDU 2,5	3x101	WDU 35 / ZDU 35	1x31
WDU 4 / ZDU 4	3x83	WDU 6 / ZDU 6	3x62

Classifications

ETIM 6.0	EC002503	ETIM 7.0	EC002503
eClass 9.0	27-18-05-02	eClass 9.1	27-18-05-02
eClass 10.0	27-18-05-02		

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Product information

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**A customised test is required to guarantee application compliance

Approvals

Approvals



ROHS

Conform

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Downloads

Approval/Certificate/Document of Conformity	Attestation of Conformity - Klippon TB Empty Enclosures - AoC DE PS261X 160309 001ISS01 IEX17.0021 IEX17.0020U GYJI4.1308U GYJI4.1309 IBEXU14ATEX1028U IBEXU14ATEX1050 IECEXIBE14.0004U IECEXIBE14.0013 TAE000013S 15.40073.250 RUC-DE.MIO62.B.04799 GYJ14.1310X IEX13.0007 IEX13.0006U IECEXPTB11.0071 PTB11ATEX2019 16-AV4BO-245X P4610581_1 EU Declaration of Conformity - Klippon TB Empty Enclosures - DoC DE PS261X 160412 001ISS01
Brochure/Catalogue	MB OVERV. PROCESS WD DE MB KLIPPON ENCL.TECN EN MB PROCESS EN CAT 5 ENCL 17/18 EN FL WIND 2012 EN FL APPL PROCESS EN FL SHIPBUILDING 2016 EN FL RAILWAY 2014 EN PI KLIPPON TB MH QL EN
Engineering Data	EPLAN, WSCAD
Engineering Data	STEP
Tender specification	Klippon TB MH 624520 S4E1_1195360000_DE Klippon TB MH 624520 S4E1_1195360000_EN Klippon TB MH 624520 S4E1_1195360000_NL
User Documentation	Assembly guidelines - empty enclosures

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Drawings

Dimensioned drawing

