

Klippon TB MH (Terminal Box - Multi Hinge) KTB MH 765020 S4E3

Weidmüller Interface GmbH & Co. KG
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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 765020 S4E3
Order No.	1195480000
Version	Klippon TB MH (Terminal Box - Multi Hinge), Empty enclosure, stainless steel enclosure, Height: 762 mm, Width: 508 mm, Depth: 200 mm, Gland plates: Bottom, left, right, Material: Stainless steel 1.4404 (316L), electropolished, silver
GTIN (EAN)	4032248978410
Qty.	1 pc(s).

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Technical data
Dimensions and weights

Width	508 mm	Width (inches)	20 inch
Height	762 mm	Height (inches)	30 inch
Depth	200 mm	Depth (inches)	7.874 inch
Mounting dimension - width	564 mm	Mounting dimension - height	508 mm
Net weight	21,200 g		

Cable glands, left

M12	96	M16	64
M20	40	M25	34
M32	18	M40	14
M50	6	M63	6
M75	4		

Cable glands, right

M12	96	M16	64
M20	40	M25	34
M32	18	M40	14
M50	6	M63	6
M75	4		

Cable glands, top/bottom

M12	70	M16	48
M20	32	M25	26
M32	14	M40	12
M50	5	M63	4
M75	3		

Certificate numbers enclosure

Certificate no. assembled enclosure (ATEX)	IBExU14ATEX1050	Certificate no. empty enclosure (ATEX)	IBExU14ATEX1028 U
Certificate no. assembled enclosure (IECEX)	IECEX IBE 14.0013	Certificate no. empty enclosure (IECEX)	IECEX IBE 14.0004U
Certificate no., assembled enclosure (EAC)	RU C-DE.ГБ08.B.01328	Certificate no., empty enclosure (EAC)	RU C-DE.ГБ08.B.00472
Certificate no. assembled enclosure (INMETRO)	IEx 17.0021	Certificate no. empty enclosure (INMETRO)	IEx 17.0020U
Certificate no. assembled enclosure (AEx)	E223792	Certificate no. empty enclosure (NEPSI)	GYJ14.1308U
Certificate no. assembled enclosure (NEPSI)	GYJ14.1309	Certificate no., assembled enclosure (KOSHA)	16-AV4BO-0245X
Certificate No. (MARITREG)	15.40073.250	Certificate no. (cULus)	E243298
Certificate No. (CCOE)	CCOEP267536/1		

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Technical data

General information

AF size 1	10 mm	Access opening: height	709 mm
Access opening: width		Areas of use	Explosive risk zone, Process industry, Oil and gas industry, Chemical industry, Offshore, Onshore
	449 mm	Installation advice	Terminal rail / mounting plate
Gland plates	Bottom, left, right	Material thickness of cover	1.5 mm
Material thickness	1.5 mm	Max. payload	155 kg
Material thickness of flange	3 mm	Overall dimensions	773 x 589 x 215
Opening angle lid	130 °	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
Position PE bolts		Seal material	Silicone
	Page C	Operating temperature, min.	-60 °C
Material	Stainless steel 1.4404 (316L)	Impact resistance	7 J ATEX version, 10 J version standard
Surface finish	electropolished	Note: protection class	If used in temperature ranges above 105 °C, IP protection is limited to IP 66.
Operating temperature, max.	135 °C	Lid attachment	4 hinges and M6 hex-head slotted screws SW10
Protection degree	IP66, IP67		
Enclosure attachment	4 welded-on mounting feet with 11 mm holes (2 slotted feet and 2 cross-shaped feet)		
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	5x42	WDU 16 / ZDU 16	4x35
WDU 2,5 / ZDU 2,5 / IDU 2,5	7x82	WDU 35 / ZDU 35	3x26
WDU 4 / ZDU 4	6x69	WDU 6 / ZDU 6	5x52

vertical assembly

WDU 10 / ZDU 10	3x67	WDU 16 / ZDU 16	2x56
WDU 2,5 / ZDU 2,5 / IDU 2,5	4x132	WDU 35 / ZDU 35	2x42
WDU 4 / ZDU 4	4x111	WDU 6 / ZDU 6	3x83

Classifications

ETIM 6.0	EC002503	eClass 6.2	27-14-91-07
eClass 7.1	27-14-91-07	eClass 8.1	27-14-91-07
eClass 9.0	27-18-05-02	eClass 9.1	27-18-05-02

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Technical data**Product information**

Product information **A customised test is required to guarantee application compliance

Approvals

Approvals



ROHS Conform

Downloads

Approval/Certificate/Document of Conformity	Attestation of Conformity - Klippon TB Empty Enclosures - AoC DE PS261X_160309_001ISS01 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 765020 S4E3_1195480000_DE Klippon TB MH 765020 S4E3_1195480000_EN Klippon TB MH 765020 S4E3_1195480000_NL
User Documentation	MB KLIPPON ENCL.TECN DE Assembly guidelines - empty enclosures

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Drawings

Dimensioned drawing

