

## Klippon TB MH (Terminal Box - Multi Hinge) KTB MH 403020 S4E0

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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 403020 S4E0
Order No.	<a href="#">1194950000</a>
Version	Klippon TB MH (Terminal Box - Multi Hinge), Empty enclosure, stainless steel enclosure, Height: 400 mm, Width: 300 mm, Depth: 200 mm, Material: Stainless steel 1.4404 (316L), electropolished, silver
GTIN (EAN)	4032248977567
Qty.	1 pc(s).

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**Technical data**
**Dimensions and weights**

Width	300 mm	Width (inches)	11.811 inch
Height	400 mm	Height (inches)	15.748 inch
Depth	200 mm	Depth (inches)	7.874 inch
Mounting dimension - width	326 mm	Mounting dimension - height	247 mm
Net weight	8,820 g		

**Cable glands, left**

M12	48	M16	32
M20	20	M25	17
M32	9	M40	7
M50	3	M63	3
M75	2		

**Cable glands, right**

M12	48	M16	32
M20	20	M25	17
M32	9	M40	7
M50	3	M63	3
M75	2		

**Cable glands, top/bottom**

M12	38	M16	26
M20	17	M25	14
M32	7	M40	6
M50	3	M63	2
M75	2		

**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	347 mm
Access opening: width		Areas of use	Explosive risk zone, Process industry, Oil and gas industry, Chemical industry, Offshore, Onshore
	241 mm	Material thickness	1.5 mm
Installation advice	Terminal rail / mounting plate	Material thickness of flange	3 mm
Material thickness of cover	1.5 mm	Opening angle lid	130 °
Max. payload	48 kg	Position PE bolts	Page C
Overall dimensions	400 x 351 x 215	Material	Stainless steel 1.4404 (316L)
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	Surface finish	electropolished
Seal material	Silicone	Operating temperature, max.	135 °C
Operating temperature, min.	-60 °C	Protection degree	IP66, IP67
Impact resistance	7 J ATEX version, 10 J version standard	Enclosure attachment	4 welded-on mounting feet with 11 mm holes (2 slotted feet and 2 cross- shaped feet)
Note: protection class	If used in temperature ranges above 105 °C, IP protection is limited to IP 66.	Integral fixing	4, 6 or 9 stud bolts M6 inner (female) thread
Lid attachment	4 hinges and M6 hex-head slotted screws SW10		

#### 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	2x21	WDU 16 / ZDU 16	2x18
WDU 2,5 / ZDU 2,5 / IDU 2,5	3x42	WDU 35 / ZDU 35	1x13
WDU 4 / ZDU 4	3x35	WDU 6 / ZDU 6	2x26

#### vertical assembly

WDU 10 / ZDU 10	1x32	WDU 16 / ZDU 16	1x26
WDU 2,5 / ZDU 2,5 / IDU 2,5	2x62	WDU 35 / ZDU 35	1x20
WDU 4 / ZDU 4	2x52	WDU 6 / ZDU 6	1x39

#### 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

#### Product information

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

**Approvals**

Approvals



ROHS

Conform

**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">Attestation of Conformity - Klippon TB Empty Enclosures - AoC DE PS261X 160309 001ISS01</a> <a href="#">EU Declaration of Conformity - Klippon TB Empty Enclosures - DoC DE PS261X 160412 001ISS01</a>
Brochure/Catalogue	<a href="#">MB OVERV. PROCESS WD DE</a> <a href="#">MB KLIPPON ENCL.TECN EN</a> <a href="#">MB PROCESS EN</a> <a href="#">FL WIND 2012 EN</a> <a href="#">FL APPL PROCESS EN</a> <a href="#">FL SHIPBUILDING 2016 EN</a> <a href="#">FL RAILWAY 2014 EN</a> <a href="#">PI KLIPPON TB MH QL EN</a>
Engineering Data	<a href="#">EPLAN, WSCAD</a>
Engineering Data	<a href="#">STEP</a>
Tender specification	<a href="#">Klippon TB MH 403020 S4E0_1194950000_DE</a> <a href="#">Klippon TB MH 403020 S4E0_1194950000_EN</a> <a href="#">Klippon TB MH 403020 S4E0_1194950000_NL</a>
User Documentation	<a href="#">MB KLIPPON ENCL.TECN DE</a> <a href="#">Assembly guidelines - empty enclosures</a>

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**Drawings**

**Dimensioned drawing**

