

## KTB MH 624515 S4E0

Weidmüller Interfaces GmbH & Co. KG

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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: 620 mm, Width: 450 mm, Depth: 150 mm, Material: Stainless steel 1.4404 (316L), electropolished, silver
Order No.	<a href="#">1195300000</a>
Type	KTB MH 624515 S4E0
GTIN (EAN)	4032248978090
Qty.	1 pc(s).

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

Depth	150 mm	Depth (inches)	5.905 inch
Height	620 mm	Height (inches)	24.409 inch
Width	450 mm	Width (inches)	17.716 inch
Mounting dimension - height	450 mm	Mounting dimension - width	476 mm
Net weight	11,500 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	48	M16	27
M20	24	M25	10
M32	9	M40	7
M50	6	M63	0
M75	0		

**Cable glands, right**

M12	48	M16	27
M20	24	M25	10
M32	9	M40	7
M50	6	M63	0
M75	0		

**Cable glands, top/bottom**

M12	38	M16	21
M20	18	M25	8
M32	6	M40	5
M50	4	M63	0
M75	0		

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DE PS261X 160309  
001ISS03

P461058\_1

C-DE.HB07.B.00089-20

21.50075.272

E223801

E243298

IEX17.0020U

E223792

C-DE.HB07.B.00089/20  
Ex Terminal Box; C-  
DE.AD54.B.00251/19  
Ind. Terminal Box

LMP 21.0017

IBExU14ATEX1028 U

IECEX IBE 14.0004U

C-DE.HB07.B.00089/20

### 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. (AeC)	
Certificate No. (ATEX)	PTB11ATEX2019	Certificate No. (CCOE)	P461058_1
Certificate No. (DNVGL)	TAE000013S	Certificate No. (EAC)	C-DE.HB07.B.00089-20
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)	IEX17.0020U
Certificate no. (cULus)	E243298	Certificate no. Terminal Box (AEx)	E223792
Certificate no. Terminal Box (ATEX)		Certificate no. Terminal Box (EAC)	C-DE.HB07.B.00089/20 Ex Terminal Box; C- DE.AD54.B.00251/19 Ind. Terminal Box
	IBExU14ATEX1050	Certificate no. Terminal Box (INMETRO)	LMP 21.0017
Certificate no. Terminal Box (IECEX)	IECEXIBE14.0013	Certificate no. empty enclosure (ATEX)	IBExU14ATEX1028 U
Certificate no. Terminal Box (KOSHA)	16-AV4BO-0245X	Certificate no. empty enclosure (IECEX)	IECEX IBE 14.0004U
Certificate no. empty enclosure (ECAS)	<b>21-09-25241/ E21-09-053807</b>	Certificate no., empty enclosure (EAC)	C-DE.HB07.B.00089/20
Certificate no. empty enclosure (INMETRO)	IEx 17.0020U		
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)

7 J ATEX version, 10 J version standard

4 hinges and M6 hex-head slotted screws SW10

1.5 mm

112 kg

Number of lid screws

8

Operating temperature, max.

135 °C

Overall dimensions

620 x 501 x 165

Protection class (UL)

Type 3, Type 4x, Type 12

Seal material

Silicone

Surface finish

electropolished

## General information

AF size	10 mm	Access opening: height	567 mm
Access opening: width		Areas of use	
	391 mm		
Dimension of box		Enclosure attachment	
	630x770x240		
Flange plate	No	Impact resistance	
Integral fixing	4, 6 or 9 stud bolts M6 inner (female) thread	Lid attachment	
Material	Stainless steel 1.4404 (316L)	Material thickness of cover	
Material thickness of enclosure	1.5 mm	Max. payload	
Note: protection class	If used in temperature ranges above 105 °C, IP protection is limited to IP 66.	Number of lid screws	
Opening angle lid	130 °	Operating temperature, max.	
Operating temperature, min.	-60 °C	Overall dimensions	
Position PE bolts	Enclosure side C	Protection class (UL)	
Protection degree	IP66, IP67	Seal material	
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	
Torque for lid screws	2.5 Nm		

## 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

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**Technical data**

**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

**Approvals**

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E243298

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### Downloads

Approval/Certificate/Document of Conformity	<a href="#">C-DE.HB07.B.00089-Empty Enclosures and Ex. Terminal Box</a> <a href="#">C-DE.A154.B.00251.19 Ind. Terminal Box</a> <a href="#">CCC 2020322303002358 KTB Assembly Enclosure</a> <a href="#">CCC 2020322303002357 KTB Empty Enclosure</a> <a href="#">Attestation of Conformity - Klippon TB Empty Enclosures - AoC DE PS261X 160309 001ISS05 IEX17.0020U</a> <a href="#">IBEXU14ATEX1028U</a> <a href="#">IBEXU14ATEX1050</a> <a href="#">IECEXIBE14.0004U</a> <a href="#">IECEXIBE14.0013</a> <a href="#">TAE000013S</a> <a href="#">15.40073.250</a> <a href="#">RUC-DE.MIO62.B.04799</a> <a href="#">GYJ14.1310X</a> <a href="#">IECEXPTB11.0071</a> <a href="#">PTB11ATEX2019</a> <a href="#">16-AV4BO-245X</a> <a href="#">P4610581_1</a> <a href="#">21-09-25241/E21-09-053807</a> <a href="#">LMP 21.0017 - CAIXA DE JUNÇÃO KLIPPON TB - KTB MH QL FS</a> <a href="#">EU Declaration of Conformity - Klippon TB Empty Enclosures - DoC DE PS261X 160412 001ISS03</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Engineering Data	<a href="#">WSCAD</a>
Tender specification	<a href="#">Klippon TB MH 6245 15 S4E0_1195300000_DE</a> <a href="#">Klippon TB MH 6245 15 S4E0_1195300000_EN</a> <a href="#">Klippon TB MH 6245 15 S4E0_1195300000_NL</a>
User Documentation	<a href="#">Assembly guidelines - empty enclosures</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<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>

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**Drawings**

**Dimensioned drawing**

