

## KTB MH 553515 S4E0

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

### 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 22 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: 550 mm, Width: 350 mm, Depth: 150 mm, Basic material: Stainless steel 1.4404 (316L), electropolished, silver
Order No.	<a href="#">1195200000</a>
Type	KTB MH 553515 S4E0
GTIN (EAN)	4032248978168
Qty.	1 items

**KTB MH 553515 S4E0**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany

www.weidmueller.com

**Technical data**

**Approvals**

Approvals



ROHS	Conform
UL File Number Search	<a href="#">UL Website</a>
Certificate no. (cULus)	E243298

**Dimensions and weights**

Depth	150 mm	Depth (inches)	5.9055 inch
Height	550 mm	Height (inches)	21.6535 inch
Width	350 mm	Width (inches)	13.7795 inch
Mounting dimension - height	350 mm	Mounting dimension - width	376 mm
Net weight	10960 g		

**Temperatures**

Operating temperature	-60 °C...135 °C	Note: room temperature (service)	Limited to IP66 protection when used in temperatures greater than 105 °C.
-----------------------	-----------------	----------------------------------	---

**Environmental Product Compliance**

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	8d5fcdfe-c58e-44e1-a6b4-74d2bbccc9dd

**Cable glands, left**

M63	0	M75	0
M12	42	M50	5
M16	24	M32	7
M25	9	M20	20
M40	6		

**Cable glands, right**

M25	9	M63	0
M75	0	M16	24
M40	6	M50	5
M32	7	M20	20
M12	42		

**KTB MH 553515 S4E0**
**Weidmüller Interface GmbH & Co. KG**

 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany

[www.weidmueller.com](http://www.weidmueller.com)
**Technical data**
**Cable glands, top/bottom**

M20	13	M12	27
M63	0	M40	4
M32	5	M25	6
M50	3	M75	0
M16	15		

**Certificate numbers enclosure**

Certificate No. UL Haz.Loc.	E223792	Declaration of Conformity No. (DoC LVD)	DE PS261X 160412 001ISS03
Certificate No. UL Ord.Loc.	E243298	Certificate No. UL 508A	E223801
Attestation of Conformity No. (AoC)	DE PS261X 160309 001ISS06	Certificate No. UL Terminal Box	E223792
Certificate No. Electronic Box (NEPSI)	2020322303003289	Certificate no. empty enclosure (ECAS)	21-09-25241/ E21-09-053807
Certificate no. Terminal Box (KOSHA)	16-AV4BO-0245X	Certificate no. empty enclosure (INMETRO)	LMP 21.0016U
Certificate No. (DNV)	TAE000013S	Certificate no. Terminal Box (AEx)	E223792
Certificate No. (CCOE)	P461058_1	Certificate no. Terminal Box (ATEX)	IBExU14ATEX1050
Certificate no. empty enclosure (ATEX)	IBExU14ATEX1028 U	Certificate no. Terminal Box (INMETRO)	LMP 21.0017
Certificate no. (INMETRO)	IEX13.0007	Certificate no. Terminal Box (IECEX)	IECEXIBE14.0013
Certificate no. empty enclosure (IECEX)	IECEX IBE 14.0004U	Certificate No. (IECEX)	IECEXPTB11.0071
Certificate No. (ATEX)	KEMA10ATEX0050	Approval conditions	ATEX, CCoE, DNV, IECEX, INMETRO, KC, NEPSI, CCC, UL AEx Class Div., UL AEx Class Zone, cULus
Certificate no. (cULus)	E243298		

**General information**

Material thickness of cover	1.5 mm	Material thickness of enclosure	1.5 mm
Operating temperature, max.	135 °C	Operating temperature, min.	-60 °C
Lid attachment	4 hinges and M6 hex-head slotted screws SW10	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	Impact resistance	7 J ATEX version, 10 J version standard
AF size	10 mm	Protection degree	IP66, IP67
Basic material	Stainless steel 1.4404 (316L)	Seal material	Silicone
Torque for lid screws	2.5 Nm	Integral fixing	4, 6 or 9 stud bolts M6 inner (female) thread
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.
Seal material of flange plate	Silicone	Protection class (UL)	Type 3, Type 4X, Type 12
Number of lid screws	8	Dimension of box	550x710x240
Access opening: width	291 mm	Opening angle lid	130.00 °
Overall dimensions	550 x 401 x 165	Flange plate	No
Max. payload	77 kg	Lid	Yes
Access opening: height	497 mm	Position PE bolts	Enclosure side C
Areas of use	Explosive risk zone, Process industry, Oil and		

**KTB MH 553515 S4E0**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany

www.weidmueller.com

**Technical data**

gas industry, Chemical  
 industry, Offshore,  
 Onshore

**Housing earth**

Earth, enclosure, cover	Welded-on M6 stainless-steel earth stud in enclosure body and lid.	Earth, enclosure, external	Continuous M10 earth stud in body enclosure
Earth, enclosure, internal	Welded-on M6 stainless-steel earth stud in enclosure body and lid.		

**horizontal assembly**

WDU 10 / ZDU 10	3x24	WDU 16 / ZDU 16	3x20
WDU 2,5 / ZDU 2,5 / IDU 2,5	4x48	WDU 35 / ZDU 35	2x15
WDU 4 / ZDU 4	4x40	WDU 6 / ZDU 6	4x30

**vertical assembly**

WDU 10 / ZDU 10	2x45	WDU 16 / ZDU 16	1x37
WDU 2,5 / ZDU 2,5 / IDU 2,5	2x89	WDU 35 / ZDU 35	1x28
WDU 4 / ZDU 4	2x73	WDU 6 / ZDU 6	2x55

**Classifications**

ETIM 8.0	EC002503	ETIM 9.0	EC002503
ETIM 10.0	EC002503	ECLASS 14.0	27-18-05-02
ECLASS 15.0	27-18-05-02		

**KTB MH 553515 S4E0**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

**Drawings**

[www.weidmueller.com](http://www.weidmueller.com)

**Dimensioned drawing**

