

KTB MH 355520 S4E1

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



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 1 gland plate
- 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: 350 mm, Width: 550 mm, Depth: 200 mm, Gland plates: Bottom, Basic material: Stainless steel 1.4404 (316L), electropolished, silver
Order No.	2698050000
Type	KTB MH 355520 S4E1
GTIN (EAN)	4064675030256
Qty.	1 items

KTB MH 35520 S4E1

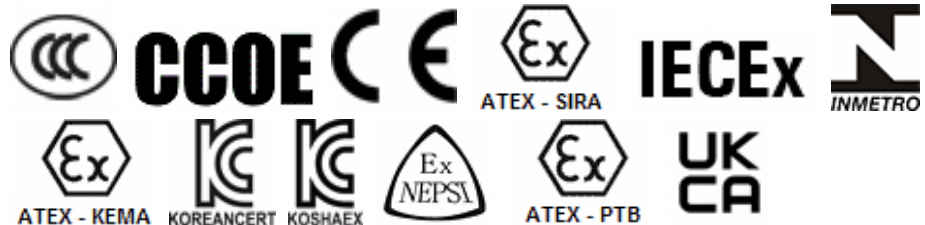
Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Technical data

Approvals

Approvals



ROHS Conform

Dimensions and weights

Depth	200 mm	Depth (inches)	7.874 inch
Height	350 mm	Height (inches)	13.7795 inch
Width	550 mm	Width (inches)	21.6535 inch
Mounting dimension - height	376 mm	Mounting dimension - width	350 mm
Net weight	13520 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	3	M75	2
M12	45	M50	3
M16	30	M32	9
M25	17	M20	20
M40	7		

Cable glands, right

M25	17	M63	3
M75	2	M16	30
M40	7	M50	3
M32	9	M20	20
M12	45		

Cable glands, top/bottom

M20	30	M12	70
M63	4	M40	12
M32	14	M25	26
M50	5	M75	3
M16	48		

KTB MH 35520 S4E1

Weidmüller Interface GmbH & Co. KG

 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Technical data

Certificate numbers enclosure

Declaration of Conformity No. (DoC LVD)	DE PS261X 160412 001ISS03	Attestation of Conformity No. (AoC)	DE PS261X 160309 001ISS06
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. Terminal Box (NEPSI)	GYJ14.1309
Certificate no. empty enclosure (NEPSI)	GYJ14.1308U	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)	IEX17.0021	Certificate no. Terminal Box (IECEX)	IECEXIBE14.0013
Certificate no. empty enclosure (IECEX)	IECEX IBE 14.0004U	Certificate No. (IECEX)	IECEXPTB11.0071
Certificate No. (ATEX)	PTB11ATEX2019	Approval conditions	ATEX, CCoE, DNV, IECEX, INMETRO, KC, NEPSI, CCC, UL AEx Class Div., UL AEx Class Zone, cULus

General information

Material thickness of cover	1.5 mm	Material thickness of flange	3 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.	Flange plate mounting	M6 hexagonal head screws 10 SW
Protection class (UL)	Type 3, Type 4X, Type 12	Number of lid screws	6
Gland plates	Bottom	Dimension of box	710x550x290
Access opening: width	497 mm	Opening angle lid	130.00 °
Overall dimensions	363x582x215	Flange plate	Yes
Max. payload	77 kg	Access opening: height	291 mm
Position PE bolts	Enclosure side C	Areas of use	Explosive risk zone, Process industry, Oil and gas industry, Chemical industry, Offshore, Onshore

Housing earth

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

KTB MH 35520 S4E1

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

www.weidmueller.com

Technical data

horizontal assembly

WDU 10 / ZDU 10	2x46	WDU 16 / ZDU 16	1x39
WDU 2,5 / ZDU 2,5 / IDU 2,5	2x91	WDU 35 / ZDU 35	1x29
WDU 4 / ZDU 4	2x76	WDU 6 / ZDU 6	2x58

vertical assembly

WDU 10 / ZDU 10	3x26	WDU 16 / ZDU 16	3x22
WDU 2,5 / ZDU 2,5 / IDU 2,5	4x52	WDU 35 / ZDU 35	2x16
WDU 4 / ZDU 4	4x43	WDU 6 / ZDU 6	4x32

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 35520 S4E1

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

Drawings

www.weidmueller.com

Dimensioned drawing

