

KTB MH 507620 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: 500 mm, Width: 760 mm, Depth: 200 mm, Gland plates: Bottom, Basic material: Stainless steel 1.4404 (316L), electropolished, silver
Order No.	2698090000
Type	KTB MH 507620 S4E1
GTIN (EAN)	4064675030805
Qty.	1 items

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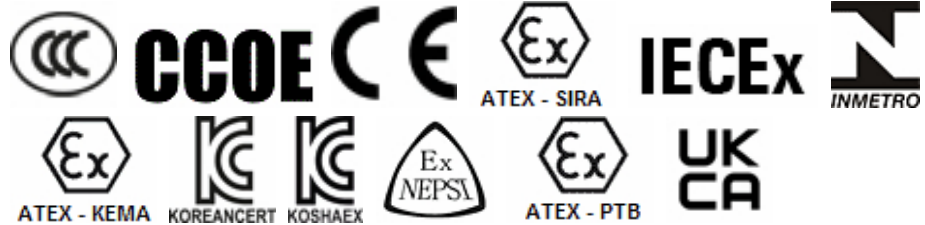
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Technical data

Approvals

Approvals



ROHS Conform

Dimensions and weights

Depth	200 mm	Depth (inches)	7.874 inch
Height	500 mm	Height (inches)	19.685 inch
Width	760 mm	Width (inches)	29.9212 inch
Mounting dimension - height	534 mm	Mounting dimension - width	508 mm
Net weight	21350 g		

Temperatures

Operating temperature	-60 °C... 135 °C	Note: room temperature (service)	Limited to IP66 protection when used in temperatures greater than 105 °C.
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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	4	M75	3
M12	70	M50	5
M16	48	M32	14
M25	26	M20	32
M40	12		

Cable glands, right

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

Cable glands, top/bottom

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

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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. (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	12
Gland plates	Bottom	Dimension of box	920x690x290
Access opening: width	709 mm	Opening angle lid	130.00 °
Overall dimensions	521x794x215	Flange plate	Yes
Max. payload	155 kg	Access opening: height	449 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.
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horizontal 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

vertical 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

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		

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Drawings

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Dimensioned drawing

