

KTB MH 303015 S4E3

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

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 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: 306 mm, Width: 306 mm, Depth: 150 mm, Gland plates: Bottom, left, right, Material: Stainless steel 1.4404 (316L), electropolished, silver
Order No.	1194730000
Type	KTB MH 303015 S4E3
GTIN (EAN)	4032248977437
Qty.	1 pc(s).

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Technical data
Dimensions and weights

Depth	150 mm	Depth (inches)	5.905 inch
Height	306 mm	Height (inches)	12.047 inch
Width	306 mm	Width (inches)	12.047 inch
Mounting dimension - height	203 mm	Mounting dimension - width	362 mm
Net weight	7,060 g		

Temperatures

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

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Cable glands, left

M12	20	M16	11
M20	9	M25	4
M32	3	M40	3
M50	2	M63	0
M75	0		

Cable glands, right

M12	20	M16	11
M20	9	M25	4
M32	3	M40	3
M50	2	M63	0
M75	0		

Cable glands, top/bottom

M12	24	M16	13
M20	11	M25	5
M32	4	M40	3
M50	3	M63	0
M75	0		

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Technical data
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. (AoC)	DE PS261X 160309 001ISS03
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)	15.40073.250
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)	IEX17.0021
Certificate no. (cULus)	E243298	Certificate no. Terminal Box (AEx)	E223792
Certificate no. Terminal Box (ATEX)	IBExU14ATEX1050	Certificate no. Terminal Box (EAC)	C-DE.HB07.B.00089/20 Ex Terminal Box; C-DE.A154.B.00251/19 Ind. Terminal Box
Certificate no. Terminal Box (IECEX)	IECEXIBE14.0013	Certificate no. Terminal Box (INMETRO)	IEx 17.0021
Certificate no. Terminal Box (KOSHA)	16-AV4BO-0245X	Certificate no. empty enclosure (ATEX)	IBExU14ATEX1028 U
Certificate no. empty enclosure (IECEX)	IECEX IBE 14.0004U	Certificate no. empty enclosure (INMETRO)	IEx 17.0020U
Certificate no., empty enclosure (EAC)	C-DE.HB07.B.00089/20	Declaration of Conformity No. (DoC LVD)	DE PS261X 160412 001ISS02

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Technical data
General information

AF size	10 mm	Access opening: height	253 mm
Access opening: width		Areas of use	Explosive risk zone, Process industry, Oil and gas industry, Chemical industry, Offshore, Onshore
Dimension of box	247 mm	Enclosure attachment	4 welded-on mounting feet with 11 mm holes (2 slotted feet and 2 cross-shaped feet)
Flange plate	460x500x240	Flange plate mounting	M6 hexagonal head screws 10 SW
Gland plates	Yes	Halogen	No
Impact resistance	Bottom, left, right	Integral fixing	4, 6 or 9 stud bolts M6 inner (female) thread
Lid attachment	7 J ATEX version, 10 J version standard	Material	Stainless steel 1.4404 (316L)
Material thickness of cover	4 hinges and M6 hex-head slotted screws SW10	Material thickness of enclosure	1.5 mm
Material thickness of flange	1.5 mm	Max. payload	37 kg
Note: protection class	3 mm	Number of lid screws	4
Opening angle lid	If used in temperature ranges above 105 °C, IP protection is limited to IP 66.	Operating temperature, max.	135 °C
Operating temperature, min.	130 °	Overall dimensions	317 x 387 x 165
Position PE bolts	-60 °C	Protection class (UL)	Type 3, Type 4x, Type 12
Protection degree	Enclosure side C	Seal material	Silicone
Standards	IP66, IP67	Surface finish	electropolished
Torque for lid screws	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		
	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	1x20	WDU 16 / ZDU 16	1x16
WDU 2,5 / ZDU 2,5 / IDU 2,5	2x40	WDU 35 / ZDU 35	1x12
WDU 4 / ZDU 4	2x33	WDU 6 / ZDU 6	2x25

vertical assembly

WDU 10 / ZDU 10	1x20	WDU 16 / ZDU 16	1x17
WDU 2,5 / ZDU 2,5 / IDU 2,5	1x41	WDU 35 / ZDU 35	1x12
WDU 4 / ZDU 4	1x34	WDU 6 / ZDU 6	1x25

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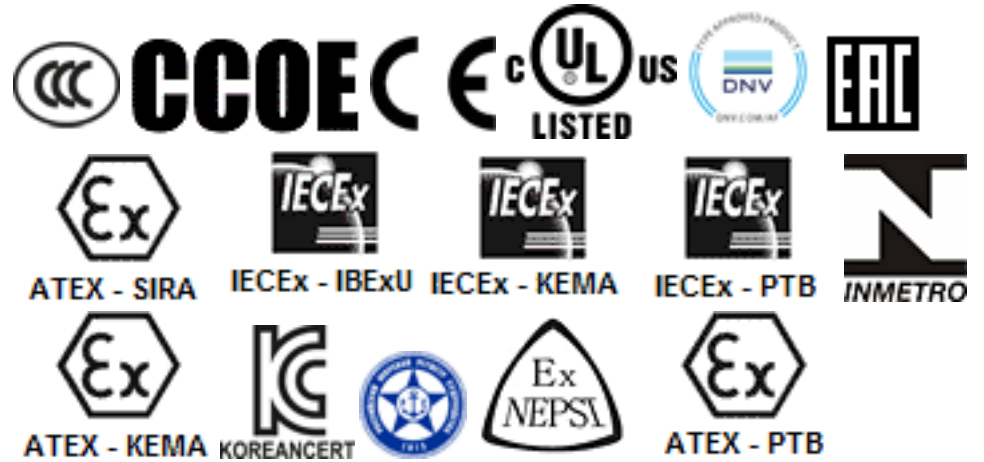
Technical data

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		

Approvals

Approvals



ROHS	Conform
UL File Number Search	E243298

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Downloads

Approval/Certificate/Document of Conformity	C-DE.HB07.B.00089-Empty Enclosures and Ex. Terminal Box C-DE.AJ54.B.00251.19 Ind. Terminal Box CCC 2020322303002358 KTB Assembly Enclosure CCC 2020322303002357 KTB Empty Enclosure Attestation of Conformity - Klippon TB Empty Enclosures - AoC DE PS261X 160309 001ISS05 IEX17.0021 IEX17.0020U IBEXU14ATEX1028U IBEXU14ATEX1050 IECEXIBE14.0004U IECEXIBE14.0013 TAE000013S 15.40073.250 RUC-DE.MIO62.B.04799 GYJ14.1310X IECEXPTB11.0071 PTB11ATEX2019 16-AV4BO-245X P4610581_1 EU Declaration of Conformity - Klippon TB Empty Enclosures - DoC DE PS261X 160412 001ISS03
Engineering Data	STEP
Engineering Data	EPLAN, WSCAD
Tender specification	Klippon TB MH 303015 S4E3_1194730000_DE Klippon TB MH 303015 S4E3_1194730000_EN Klippon TB MH 303015 S4E3_1194730000_NL
User Documentation	Assembly guidelines - empty enclosures
Catalogues	Catalogues in PDF-format
Brochures	MB OVERV. PROCESS WD DE MB KLIPPON ENCL.TECN EN MB PROCESS EN FL WIND 2012 EN FL APPL PROCESS EN FL SHIPBUILDING 2016 EN FL RAILWAY 2014 EN PI KLIPPON TB MH QL EN PI KLIPPON TB MH QL EN

