

KTB FS 221513 S4E0**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 in process or power generation industries. The Klippon® TB FS enclosure range offers further improvements to a product line that is already successfully leading the market.

The Klippon® TB FS enclosure range features the following advantages:

- Available in 12 sizes and 3 standard depths
- Equipped with up to 4 gland plates
- The gasket is protected against compression
- Cover lock outside the sealed zone
- Improved temperature performance
- IP66/IP67 protection
- Earthing stud in the cover and base of the enclosure
- Welded mounting feet

General ordering data

Version	Klippon TB FS (Terminal Box - Fixing Screw), Empty enclosure, stainless steel enclosure, Height: 229 mm, Width: 152 mm, Depth: 133 mm, Material: Stainless steel 1.4404 (316L), electropolished, silver
Order No.	1195650000
Type	KTB FS 221513 S4E0
GTIN (EAN)	4032248978281
Qty.	1 pc(s).

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Technical data
Dimensions and weights

Depth	133 mm	Depth (inches)	5.236 inch
Height	229 mm	Height (inches)	9.016 inch
Mounting dimension - height	152 mm	Mounting dimension - width	178 mm
Net weight	3,578 g	Width	152 mm
Width (inches)	5.984 inch		

Temperatures

Note: room temperature (service)	Limited to IP66 protection when used in temperatures greater than 105 °C.
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Environmental Product Compliance

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

M12	8	M16	6
M20	3	M25	2
M32	2	M40	2
M50	0	M63	0
M75	0		

Cable glands, right

M12	8	M16	6
M20	3	M25	2
M32	2	M40	2
M50	0	M63	0
M75	0		

Cable glands, top/bottom

M12	6	M16	5
M20	2	M25	2
M32	1	M40	1
M50	0	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 Conformatiy No. (AoC)	
Certificate No. (ATEX)	KEMA10ATEX0048		DE PS261X 160309 001ISS03
Certificate No. (DNVGL)	TAE000013S	Certificate No. (CCOE)	CCOEP267536/2
Certificate No. (IECEX)	IECEXKEM10.0015U	Certificate No. (EAC)	RUC-DE.MIO62.B.04799
Certificate No. UL 508A	E223801	Certificate No. (MARITREG)	15.40074.250
Certificate No. UL Ord.Loc.	E243298	Certificate No. UL Haz.Loc.	E223792
Certificate no. (INMETRO)	IEX17.0021	Certificate No. UL Terminal Box	E223792
Certificate no. Terminal Box (AEx)	E223792	Certificate no. (cULus)	E256877
Certificate no. Terminal Box (EAC)	C-DE.HB07.B.00089/20 Ex Terminal Box; C-DE.AJ54.B.00251/19 Ind. Terminal Box	Certificate no. Terminal Box (ATEX)	IBExU14ATEX1050
Certificate no. Terminal Box (INMETRO)	IEX 17.0021	Certificate no. Terminal Box (IECEX)	IECEXIBE14.0013
Certificate no. Terminal Box (NEPSI)	GYJ14.1309	Certificate no. Terminal Box (KOSHA)	16-AV4B0-0245X
Certificate no. empty enclosure (IECEX)	IECEX IBE 14.0004U	Certificate no. empty enclosure (ATEX)	IBExU14ATEX1028 U
Certificate no. empty enclosure (NEPSI)	GYJ14.1308U	Certificate no. empty enclosure (INMETRO)	IEX 17.0020U
Declaration of Conformatiy No. (DoC LVD)	DE PS261X 160412 001ISS02	Certificate no., empty enclosure (EAC)	C-DE.HB07.B.00089/20

General information

AF size	10 mm	Access opening: height	199 mm
Access opening: width		Areas of use	Explosive risk zone, Process industry, Oil and gas industry, Chemical industry, Offshore, Onshore
Dimension of box	122 mm	Enclosure attachment	4 welded-on mounting feet with 11 mm holes (2 slotted feet and 2 cross-shaped feet)
Flange plate	350x390x220	Impact resistance	7 J ATEX version, 10 J version standard
Integral fixing	No	Lid	Yes
Lid attachment	4, 6 or 9 stud bolts M6 inner (female) thread	Material	Stainless steel 1.4404 (316L)
Material thickness	M6 hex-head slotted screws SW10	Material thickness of cover	1.5 mm
Material thickness of flange	1.5 mm	Max. payload	14 kg
Note: protection class	3 mm	Number of lid screws	4
Operating temperature, max.	If used in temperature ranges above 105 °C, IP protection is limited to IP 66.	Operating temperature, min.	-60 °C
Overall dimensions	135 °C	Position PE bolts	Enclosure side C
Protection degree	229 x 203 x 141.5	Seal material	Silicone
Standards	IP66, IP67	Surface finish	electropolished
Torque for lid screws	DIN EN 62208 - Empty enclosure standard, 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		

Creation date March 23, 2021 8:18:37 AM CET

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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Technical data
Housing earth

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

WDU 10 / ZDU 10	1x7	WDU 16 / ZDU 16	1x6
WDU 2,5 / ZDU 2,5 / IDU 2,5	1x15	WDU 35 / ZDU 35	1x3
WDU 4 / ZDU 4	1x13	WDU 6 / ZDU 6	1x9

vertical assembly

WDU 10 / ZDU 10	1x13	WDU 16 / ZDU 16	1x11
WDU 2,5 / ZDU 2,5 / IDU 2,5	1x29	WDU 35 / ZDU 35	1x8
WDU 4 / ZDU 4	1x22	WDU 6 / ZDU 6	1x16

Classifications

ETIM 6.0	EC002503	ETIM 7.0	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

Important note

Product information	Minimum order quantity (20 pieces)
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Approvals

Approvals



ROHS	Conform
UL File Number Search	E256877

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Technical data
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 001ISS03 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 001ISS02
Engineering Data	STEP
Engineering Data	EPLAN, WSCAD
Tender specification	Klippon TB FS 221513 S4E0_1195650000_DE Klippon TB FS 221513 S4E0_1195650000_EN Klippon TB FS 221513 S4E0_1195650000_NL
User Documentation	Assembly guidelines - empty enclosures

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Drawings

Dimensioned drawing

