

KTB FS 553515 S4E1

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

www.weidmueller.com

Similar to illustration



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: 550 mm, Width: 350 mm, Depth: 150 mm, Gland plates: Bottom, Material: Stainless steel 1.4404 (316L), electropolished, silver
Order No.	1196310000
Type	KTB FS 553515 S4E1
GTIN (EAN)	4032248979028
Qty.	1 Stück

KTB FS 553515 S4E1

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

www.weidmueller.com

Technische Daten

Dimensions and weights

Depth	150 mm	Depth (inches)	5.905 inch
Height	550 mm	Height (inches)	21.653 inch
Width	350 mm	Width (inches)	13.78 inch
Mounting dimension - height	350 mm	Mounting dimension - width	376 mm
Net weight	11,130 g		

Temperatures

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

Cable glands, left

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

Cable glands, right

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

Cable glands, top/bottom

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

KTB FS 553515 S4E1

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

www.weidmueller.com

Technische Daten

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)	DE PS261X 160309 001ISS03
Certificate No. (ATEX)	KEMA10ATEX0048	Certificate No. (EAC)	C-DE.HB07.B.00089-20
Certificate No. (IECEX)	IECEXKEM10.0019	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)	E256877
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.AQ54.B.00251/19 Ind. Terminal Box	Certificate no. Terminal Box (IECEX)	IECEXIBE14.0013
Certificate no. Terminal Box (INMETRO)	LMP 21.0017	Certificate no. Terminal Box (KOSHA)	16-AV4BO-0245X
Certificate no. empty enclosure (ATEX)	IBExU14ATEX1028 U	Certificate no. empty enclosure (ECAS)	21-09-25241/ E21-09-053807
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 Conformatiy No. (DoC LVD)	DE PS261X 160412 001ISS02

KTB FS 553515 S4E1

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

www.weidmueller.com

Technische Daten

General information

AF size	10 mm	Access opening: height	520 mm
Access opening: width		Areas of use	Explosive risk zone, Process industry, Oil and gas industry, Chemical industry, Offshore, Onshore
Dimension of box	298 mm	Enclosure attachment	4 welded-on mounting feet with 11 mm holes (2 slotted feet and 2 cross-shaped feet)
Flange plate	550x710x240	Flange plate mounting	M6 hexagonal head screws 10 SW
Gland plates	Yes	Impact resistance	7 J ATEX version, 10 J version standard
Integral fixing	Bottom	Lid attachment	M6 hex-head slotted screws SW10
Material	4, 6 or 9 stud bolts M6 inner (female) thread	Material thickness of cover	1.5 mm
Material thickness of enclosure	Stainless steel 1.4404 (316L)	Material thickness of flange	3 mm
Max. payload	1.5 mm	Note: protection class	If used in temperature ranges above 105 °C, IP protection is limited to IP 66.
	77 kg	Operating temperature, max.	135 °C
Number of lid screws	6	Overall dimensions	561 x 401 x 158.5
Operating temperature, min.	-60 °C	Protection class (UL)	Type 3, Type 4X, Type 12
Position PE bolts	Enclosure side C	Seal material	Silicone
Protection degree	IP66, IP67	Surface finish	electropolished
Standards	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		
Torque for lid screws	2.5 Nm		

Housing earth

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

horizontal 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

vertical 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

KTB FS 553515 S4E1

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

www.weidmueller.com

Technische Daten

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	ECLASS 12.0	27-18-05-02

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	8d5fcdfe-c58e-44e1-a6b4-74d2bbccc9dd

Approvals

Approvals



UL File Number Search	UL Website
Certificate no. (cULus)	E256877

KTB FS 553515 S4E1

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technische Daten

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 IEX17.0020U 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 21-09-25241/E21-09-053807 LMP 21.0017 - CAIXA DE JUNÇÃO KLIPPON TB - KTB MH QL FS EU Declaration of Conformity - Klippon TB Empty Enclosures - DoC DE PS261X 160412 001ISS03
Engineering Data	CAD data – STEP
Engineering Data	WSCAD, EPLAN
Tender specification	Klippon TB FS 553515 S4E1_1196310000_DE Klippon TB FS 553515 S4E1_1196310000_EN Klippon TB FS 553515 S4E1_1196310000_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

KTB FS 553515 S4E1

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

Zeichnungen

www.weidmueller.com

Dimensioned drawing

