

## KTB FS 352615 S4E0

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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: 350 mm, Width: 260 mm, Depth: 150 mm, Material: Stainless steel 1.4404 (316L), electropolished, silver
Order No.	<a href="#">1195900000</a>
Type	KTB FS 352615 S4E0
GTIN (EAN)	4032248978717
Qty.	1 Stück

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## Technische Daten

### Dimensions and weights

Depth	150 mm	Depth (inches)	5.905 inch
Height	350 mm	Height (inches)	13.78 inch
Width	260 mm	Width (inches)	10.236 inch
Mounting dimension - height	250 mm	Mounting dimension - width	286 mm
Net weight	4,770 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	23	M16	13
M20	11	M25	5
M32	4	M40	3
M50	3	M63	0
M75	0		

### Cable glands, right

M12	23	M16	13
M20	11	M25	5
M32	4	M40	3
M50	3	M63	0
M75	0		

### Cable glands, top/bottom

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

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### 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)	KEMA10ATEX0048	Certificate No. (EAC)	C-DE.HB07.B.00089-20
Certificate No. (IECEX)	IECEXKEM10.0015U	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)	<b>21-09-25241/ E21-09-053807</b>
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

### General information

AF size	10 mm	Access opening: height	320 mm
Access opening: width	230 mm	Areas of use	Explosive risk zone, Process industry, Oil and gas industry, Chemical industry, Offshore, Onshore
Dimension of box	450x510x240	Enclosure attachment	4 welded-on mounting feet with 11 mm holes (2 slotted feet and 2 cross-shaped feet)
Flange plate	No	Impact resistance	7 J ATEX version, 10 J version standard
Integral fixing	4, 6 or 9 stud bolts M6 inner (female) thread	Lid attachment	M6 hex-head slotted screws SW10
Material	Stainless steel 1.4404 (316L)	Material thickness of cover	1.5 mm
Material thickness of enclosure	1.5 mm	Max. payload	36 kg
Note: protection class	If used in temperature ranges above 105 °C, IP protection is limited to IP 66.	Number of lid screws	4
Operating temperature, max.	135 °C	Operating temperature, min.	-60 °C
Overall dimensions	350 x 311 x 158.5	Position PE bolts	Enclosure side C
Protection class (UL)	Type 3, Type 4X, Type 12	Protection degree	IP66, IP67
Seal material	Silicone	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
Surface finish	electropolished	Torque for lid screws	2.5 Nm

Erstellungs-Datum May 22, 2023 3:36:14 PM CEST

Katalogstand 12.05.2023 / Technische Änderungen vorbehalten

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### 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	2x17	WDU 16 / ZDU 16	1x14
WDU 2,5 / ZDU 2,5 / IDU 2,5	2x34	WDU 35 / ZDU 35	1x11
WDU 4 / ZDU 4	2x29	WDU 6 / ZDU 6	2x22

### vertical assembly

WDU 10 / ZDU 10	1x27	WDU 16 / ZDU 16	1x22
WDU 2,5 / ZDU 2,5 / IDU 2,5	2x53	WDU 35 / ZDU 35	1x15
WDU 4 / ZDU 4	1x44	WDU 6 / ZDU 6	1x33

### 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

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## Technische Daten

### Downloads

Approval/Certificate/Document of Conformity	<a href="#">C-DE.HB07.B.00089-Empty Enclosures and Ex. Terminal Box</a> <a href="#">C-DE.AJ54.B.00251.19 Ind. Terminal Box</a> <a href="#">CCC 2020322303002358 KTB Assembly Enclosure</a> <a href="#">CCC 2020322303002357 KTB Empty Enclosure</a> <a href="#">Attestation of Conformity - Klippon TB Empty Enclosures - AoC DE PS261X 160309 001ISS05 IEX17.0020U</a> <a href="#">IBEXU14ATEX1028U</a> <a href="#">IBEXU14ATEX1050</a> <a href="#">IECEXIBE14.0004U</a> <a href="#">IECEXIBE14.0013</a> <a href="#">TAE000013S</a> <a href="#">15.40073.250</a> <a href="#">RUC-DE.MIO62.B.04799</a> <a href="#">GYJ14.1310X</a> <a href="#">IECEXPTB11.0071</a> <a href="#">PTB11ATEX2019</a> <a href="#">16-AV4BO-245X</a> <a href="#">P4610581_1</a> <a href="#">21-09-25241/E21-09-053807</a> <a href="#">LMP 21.0017 - CAIXA DE JUNÇÃO KLIPPON TB - KTB MH QL FS</a> <a href="#">EU Declaration of Conformity - Klippon TB Empty Enclosures - DoC DE PS261X 160412 001ISS03</a> <a href="#">DoM Railway applications - Fire protection on railway vehicles</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Engineering Data	<a href="#">WSCAD, EPLAN</a>
Tender specification	<a href="#">Klippon TB FS 352615 S4E0_1195900000_DE</a> <a href="#">Klippon TB FS 352615 S4E0_1195900000_EN</a> <a href="#">Klippon TB FS 352615 S4E0_1195900000_NL</a>
User Documentation	<a href="#">Assembly guidelines - empty enclosures</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">MB OVERV. PROCESS WD DE</a> <a href="#">MB KLIPPON ENCL.TECN EN</a> <a href="#">MB PROCESS EN</a> <a href="#">FL WIND 2012 EN</a> <a href="#">FL APPL PROCESS EN</a> <a href="#">FL SHIPBUILDING 2016 EN</a> <a href="#">FL RAILWAY 2014 EN</a> <a href="#">PI KLIPPON TB MH QL EN</a>

