

## Klippon TB FS (Terminal Box - Fixing Screw) KTB FS 303015 S4E2

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### Stainless steel enclosures for use in areas exposed to explosion hazards

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 new Klippon® TB MH 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

Type	KTB FS 303015 S4E2
Order No.	<a href="#">1195820000</a>
Version	Klippon TB FS (Terminal Box - Fixing Screw), Empty enclosure, stainless steel enclosure, Height: 306 mm, Width: 306 mm, Depth: 150 mm, Gland plates: Bottom, top, Material: Stainless steel 1.4404 (316L), electropolished, silver
GTIN (EAN)	4032248978601
Qty.	1 pc(s).

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**Technical data**
**Dimensions and weights**

Width	306 mm	Width (inches)	12.047 inch
Height	306 mm	Height (inches)	12.047 inch
Depth	150 mm	Depth (inches)	5.905 inch
Mounting dimension - width	332 mm	Mounting dimension - height	203 mm
Net weight	5,500 g		

**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		

**Certificate numbers enclosure**

Certificate no. assembled enclosure (ATEX)	IBExU14ATEX1050	Certificate no. empty enclosure (ATEX)	IBExU14ATEX1028 U
Certificate no. assembled enclosure (IECEX)	IECEX IBE 14.0013	Certificate no. empty enclosure (IECEX)	IECEX IBE 14.0004U
Certificate no., assembled enclosure (EAC)	RU C-DE.ГБ08.B.01328	Certificate no., empty enclosure (EAC)	RU C-DE.ГБ08.B.00472
Certificate no. assembled enclosure (INMETRO)	IEx 17.0021	Certificate no. empty enclosure (INMETRO)	IEx 17.0020U
Certificate no. assembled enclosure (AEx)	E223792	Certificate no. empty enclosure (NEPSI)	GYJ14.1308U
Certificate no. assembled enclosure (NEPSI)	GYJ14.1309	Certificate no., assembled enclosure (KOSHA)	16-AV4BO-0245X
Certificate no. (cULus)	E256877	Certificate No. (CCOE)	CCOEP267536/2

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**Technical data****General information**

AF size 1	10 mm	Access opening: height	276 mm
Access opening: width		Areas of use	Explosive risk zone, Process industry, Oil and gas industry, Chemical industry, Offshore, Onshore
	276 mm	Installation advice	Terminal rail / mounting plate
Gland plates	Bottom, top	Material thickness of cover	1.5 mm
Material thickness	1.5 mm	Max. payload	37 kg
Material thickness of flange	3 mm	Position PE bolts	Page C
Overall dimensions	328 x 357 x 158.5	Material	Stainless steel 1.4404 (316L)
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
Seal material	Silicone	Operating temperature, max.	135 °C
Operating temperature, min.	-60 °C	Protection degree	IP66, IP67
Impact resistance	7 J ATEX version, 10 J version standard	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.	Integral fixing	4, 6 or 9 stud bolts M6 inner (female) thread
Lid attachment	M6 hex-head slotted screws SW10		

**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	1x22	WDU 16 / ZDU 16	1x18
WDU 2,5 / ZDU 2,5 / IDU 2,5	2x43	WDU 35 / ZDU 35	1x13
WDU 4 / ZDU 4	2x36	WDU 6 / ZDU 6	2x27

**vertical assembly**

WDU 10 / ZDU 10	1x22	WDU 16 / ZDU 16	1x19
WDU 2,5 / ZDU 2,5 / IDU 2,5	2x44	WDU 35 / ZDU 35	1x14
WDU 4 / ZDU 4	2x37	WDU 6 / ZDU 6	2x28

**Classifications**

ETIM 6.0	EC002503	eClass 6.2	27-14-91-07
eClass 7.1	27-14-91-07	eClass 8.1	27-14-91-07
eClass 9.0	27-18-05-02	eClass 9.1	27-18-05-02

**Product information**

Product information	Minimum order quantity (20 pieces)
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**Technical data****Approvals**

Approvals

**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">Attestation of Conformity - Klippon TB Empty Enclosures - AoC DE PS261X 160309 001ISS01</a> <a href="#">EU Declaration of Conformity - Klippon TB Empty Enclosures - DoC DE PS261X 160412 001ISS01</a>
Brochure/Catalogue	<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>
Engineering Data	<a href="#">EPLAN, WSCAD</a>
Engineering Data	<a href="#">STEP</a>
Tender specification	<a href="#">Klippon TB FS 303015 S4E2_1195820000_DE</a> <a href="#">Klippon TB FS 303015 S4E2_1195820000_EN</a> <a href="#">Klippon TB FS 303015 S4E2_1195820000_NL</a>
User Documentation	<a href="#">MB KLIPPON ENCL.TECN DE</a> <a href="#">Assembly guidelines - empty enclosures</a>

