

## KTB FS 484820 S4E1

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

[www.weidmueller.com](http://www.weidmueller.com)

### Product image



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: 480 mm, Width: 480 mm, Depth: 200 mm, Gland plates: Bottom, Basic material: Stainless steel 1.4404 (316L), electropolished, silver
Order No.	<a href="#">1196260000</a>
Type	KTB FS 484820 S4E1
GTIN (EAN)	4032248979202
Qty.	1 items

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## Technical data

### Approvals

Approvals



ROHS	Conform
UL File Number Search	<a href="#">UL Website</a>
Certificate no. (cULus)	E256877

### Dimensions and weights

Depth	200 mm	Depth (inches)	7.874 inch
Height	480 mm	Height (inches)	18.8976 inch
Width	480 mm	Width (inches)	18.8976 inch
Mounting dimension - height	327 mm	Mounting dimension - width	506 mm
Net weight	12600 g		

### Temperatures

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

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	8d5fcdfe-c58e-44e1-a6b4-74d2bbccc9dd

### Cable glands, left

M63	4	M75	3
M12	60	M50	4
M16	40	M32	12
M25	21	M20	26
M40	10		

### Cable glands, right

M25	21	M63	4
M75	3	M16	40
M40	10	M50	4
M32	12	M20	26
M12	60		

### Cable glands, top/bottom

M20	29	M12	65
M63	4	M40	11

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M32	13
M50	5
M16	44

M25	24
M75	3

### Certificate numbers enclosure

Certificate No. UL Haz.Loc.	E223792	Declaration of Conformity No. (DoC LVD)	DE PS261X 160412 001ISS03
Certificate No. UL Ord.Loc.	E243298	Certificate No. UL 508A	E223801
Attestation of Conformity No. (AoC)	DE PS261X 160309 001ISS06	Certificate No. UL Terminal Box	E223792
Certificate No. Electronic Box (NEPSI)	2020322303003289	Certificate no. empty enclosure (ECAS)	21-09-25241/ E21-09-053807
Certificate no. Terminal Box (KOSHA)	16-AV4BO-0245X	Certificate no. empty enclosure (INMETRO)	LMP 21.0016U
Certificate No. (DNV)	TAE000013S	Certificate no. Terminal Box (AEx)	E223792
Certificate no. Terminal Box (ATEX)	IBExU14ATEX1050	Certificate no. empty enclosure (ATEX)	IBExU14ATEX1028 U
Certificate no. Terminal Box (INMETRO)	LMP 21.0017	Certificate no. (INMETRO)	IEX13.0006U
Certificate no. Terminal Box (IECEX)	IECEXIBE14.0013	Certificate no. empty enclosure (IECEX)	IECEX IBE 14.0004U
Certificate No. (IECEX)	IECEXKEM10.0015U	Certificate No. (ATEX)	KEMA10ATEX0050
Approval conditions	ATEX, CCoE, DNV, IECEX, INMETRO, KC, NEPSI, CCC, UL AEx Class Div., UL AEx Class Zone, cULus	Certificate no. (cULus)	E256877

### General information

Material thickness of cover	1.5 mm	Material thickness of flange	3 mm
Material thickness of enclosure	1.5 mm	Operating temperature, max.	135 °C
Operating temperature, min.	-60 °C	Lid attachment	M6 hex-head slotted screws SW10
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
Impact resistance	7 J ATEX version, 10 J version standard	AF size	10 mm
Protection degree	IP66, IP67	Basic material	Stainless steel 1.4404 (316L)
Seal material	Silicone	Torque for lid screws	2.5 Nm
Integral fixing	4, 6 or 9 stud bolts M6 inner (female) thread	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.	Flange plate mounting	M6 hexagonal head screws 10 SW
Protection class (UL)	Type 3, Type 4X, Type 12	Number of lid screws	4
Gland plates	Bottom	Dimension of box	640x680x290
Access opening: width	450 mm	Overall dimensions	491 x 531 x 208.5
Flange plate	Yes	Max. payload	92 kg
Access opening: height	450 mm	Position PE bolts	Enclosure side C
Areas of use	Explosive risk zone, Process industry, Oil and gas industry, Chemical industry, Offshore, Onshore		

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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
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### horizontal assembly

WDU 10 / ZDU 10	3x39	WDU 16 / ZDU 16	2x32
WDU 2,5 / ZDU 2,5 / IDU 2,5	4x77	WDU 35 / ZDU 35	2x24
WDU 4 / ZDU 4	3x64	WDU 6 / ZDU 6	3x48

### vertical assembly

WDU 10 / ZDU 10	2x39	WDU 16 / ZDU 16	2x33
WDU 2,5 / ZDU 2,5 / IDU 2,5	4x78	WDU 35 / ZDU 35	1x25
WDU 4 / ZDU 4	3x65	WDU 6 / ZDU 6	3x49

### Classifications

ETIM 8.0	EC002503	ETIM 9.0	EC002503
ETIM 10.0	EC002503	ECLASS 14.0	27-18-05-02
ECLASS 15.0	27-18-05-02		

Dimensioned drawing

