

## KTB FS 484820 S4E2

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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: 480 mm, Width: 480 mm, Depth: 200 mm, Gland plates: Bottom, top, Material: Stainless steel 1.4404 (316L), electropolished, silver
Order No.	<a href="#">1196270000</a>
Type	KTB FS 484820 S4E2
GTIN (EAN)	4032248979141
Qty.	1 pc(s).

**KTB FS 484820 S4E2****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

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

Depth	200 mm	Depth (inches)	7.874 inch
Height	480 mm	Height (inches)	18.898 inch
Mounting dimension - height	327 mm	Mounting dimension - width	506 mm
Net weight	15,700 g	Width	480 mm
Width (inches)	18.898 inch		

**Temperatures**

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

**Environmental Product Compliance**

REACH SVHC	Lead 7439-92-1
------------	----------------

**Cable glands, left**

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

**Cable glands, right**

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

**Cable glands, top/bottom**

M12	65	M16	44
M20	29	M25	24
M32	13	M40	11
M50	5	M63	4
M75	3		

**KTB FS 484820 S4E2**
**Weidmüller Interface GmbH & Co. KG**

 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany

[www.weidmueller.com](http://www.weidmueller.com)
**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)	DE PS261X 160309 001ISS03
Certificate No. (ATEX)	KEMA10ATEX0050	Certificate No. (CCOE)	CCOEP267536/2
Certificate No. (DNVGL)	TAE000013S	Certificate No. (EAC)	RUC-DE.MIO62.B.04799
Certificate No. (IECEX)	IECEXKEM10.0017	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)	IEX13.0006U
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.A154.B.00251/19 Ind. Terminal Box
Certificate no. Terminal Box (IECEX)	IECEXIBE14.0013	Certificate no. Terminal Box (INMETRO)	IEx 17.0021
Certificate no. Terminal Box (KOSHA)	16-AV4BO-0245X	Certificate no. Terminal Box (NEPSI)	GYJ14.1309
Certificate no. empty enclosure (ATEX)	IBExU14ATEX1028 U	Certificate no. empty enclosure (IECEX)	IECEX IBE 14.0004U
Certificate no. empty enclosure (INMETRO)	IEx 17.0020U	Certificate no. empty enclosure (NEPSI)	GYJ14.1308U
Certificate no., empty enclosure (EAC)	C-DE.HB07.B.00089/20	Declaration of Conformatiy No. (DoC LVD)	DE PS261X 160412 001ISS02

**KTB FS 484820 S4E2**
**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

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

AF size	10 mm	Access opening: height	450 mm
Access opening: width		Areas of use	Explosive risk zone, Process industry, Oil and gas industry, Chemical industry, Offshore, Onshore
Dimension of box	450 mm	Enclosure attachment	4 welded-on mounting feet with 11 mm holes (2 slotted feet and 2 cross-shaped feet)
Flange plate	640x680x290	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, top	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	92 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	502 x 531 x 208.5	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		

**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	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

## KTB FS 484820 S4E2

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

www.weidmueller.com

## Technical data

### 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 (10 pieces)

### Approvals

Approvals



UL File Number Search E256877

### 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 001ISS03</a> <a href="#">IEX17.0021</a> <a href="#">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="#">EU Declaration of Conformity - Klippon TB Empty Enclosures - DoC DE PS261X 160412 001ISS02</a>
Engineering Data	<a href="#">STEP</a>
Engineering Data	<a href="#">EPLAN, WSCAD</a>
Tender specification	<a href="#">Klippon TB FS 484820 S4E2_1196270000_DE</a> <a href="#">Klippon TB FS 484820 S4E2_1196270000_EN</a> <a href="#">Klippon TB FS 484820 S4E2_1196270000_NL</a>
User Documentation	<a href="#">Assembly guidelines - empty enclosures</a>

Creation date March 23, 2021 8:23:42 AM CET

**Dimensioned drawing**

