

**KLIPPON STB 4 SS**

Weidmüller Interfaces GmbH &amp; Co. KG

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**Similar to illustration**

Ideally suited for the energy, process and transportation industries, the Klippon® STB enclosure series is the perfect complement to our existing Klippon® enclosure portfolio. Enclosures in this series are approved according to international standards such as e.g. EN62208 and EN60079-0/7 (ATEX).

- Mirror-polished or electropolished stainless steel 1.4404 (316L), 1.5 mm
- High-temperature-resistant seal as standard - extended temperature range of -60°C to +100°C for Ex application (+120°C only for industrial application)
- Approved according to ATEX, IECEx, cULus, Lloyds Register, Germanischer Lloyd, GL DNV and INMETRO
- Flexible options for fastening the internal mounting rail
- IP66 protection
- Secure, permanent function of the seal is ensured by seal compression protection
- Earthing stud in the cover and base of the enclosure
- Laser cut weld seams for increased quality
- Already welded-on mounting feet guarantee optimum enclosure installation

Weidmüller can manufacture and supply this enclosure - according to customer specifications - fitted with all necessary terminals and cable glands.

**General ordering data**

Version	Klippon STB (Small Terminal Box), Empty enclosure, stainless steel enclosure, Height: 250 mm, Width: 250 mm, Depth: 120 mm, Material: Stainless steel 1.4404 (316L), Mirror polished, silver
Order No.	<a href="#">1002710000</a>
Type	KLIPPON STB 4 SS
GTIN (EAN)	4032248695645
Qty.	1 Stück

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## Technische Daten

### Dimensions and weights

Depth	120 mm	Depth (inches)	4.724 inch
Height	250 mm	Height (inches)	9.842 inch
Width	250 mm	Width (inches)	9.842 inch
Mounting dimension - width	275 mm	Net weight	3,880 g

### Temperatures

Operating temperature	-60 °C...100 °C	Operating temperature, min.	-60 °C
Operating temperature, max.	100 °C		

### Cable glands, left

M12	24	M16	21
M20	12	M25	10
M32	8	M40	3
M50	3	M63	1

### Cable glands, right

M12	24	M16	21
M20	12	M25	10
M32	8	M40	3
M50	2	M63	1

### Cable glands, top/bottom

M12	24	M16	21
M20	12	M25	10
M32	8	M40	3
M50	3	M63	2

### Certificate numbers enclosure

Approval conditions	ATEX, DNV, EAC, IECEX, INMETRO, LR, RMRS, UL AEx Class Div., UL AEx Class Zone, cULus, KC, CCC	Attestation of Conformatiy No. (AoC)	DE PS2620 160308 001ISS02
Certificate No. (ATEX)	IBEXU07ATEX1148	Certificate No. (EAC)	C-DE.HB07.B.00089-20
Certificate No. (IECEX)	IECEXIBE09.0019	Certificate No. (LLOYDSREG)	08_20032
Certificate no. (INMETRO)	IEX13.0003	Certificate no. (cULus)	E256877
Certificate no. Terminal Box (AEx)	E223792	Certificate no. Terminal Box (ATEX)	IBEXU07ATEX1148
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)	IECEX IBE 09.0019
Certificate no. Terminal Box (INMETRO)	LMP 21.0018	Certificate no. Terminal Box (KOSHA)	16-AV4BO-0247X
Certificate no. empty enclosure (ATEX)	IBEXU 07ATEX1147U	Certificate no. empty enclosure (IECEX)	IECEX IBE 09.0018U
Certificate no. empty enclosure (INMETRO)	IEx 13.0002U	Certificate no., empty enclosure (EAC)	C-DE.HB07.B.00089/20
Declaration of Conformatiy No. (DoC LVD)	DE PS2620 160412 001ISS01		

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**Technische Daten**

**General information**

Access opening: height	230 mm	Access opening: width	232 mm
Areas of use	Explosive risk zone, Packaging industry, Transportation, Process industry, Marine engineering	Enclosure attachment	Welded-on mounting foot with 8-mm holes
Flange plate	No	Impact resistance	10 J version standard, 7 J ATEX version
Integral fixing	TAS 20 rail welded to floor	Lid	Yes
Lid attachment	M5 hexagonal screw with slot and 10mm distance across flats	Material	Stainless steel 1.4404 (316L)
Material thickness of cover	1.5 mm	Material thickness of enclosure	1.5 mm
Number of lid screws	4	Operating temperature, max.	100 °C
Operating temperature, min.	-60 °C	Protection class (UL)	Type 4, Type 4X
Protection degree	IP66	Seal material	Silicone
Surface finish	Mirror polished	Torque for lid screws	2.5 Nm

**Housing earth**

Cross-section , max.	25 mm <sup>2</sup>	Earth, enclosure, cover	Welded-on M6 x 10 stainless-steel earth stud
Earth, enclosure, external	Welded-on M6 x 16 stainless-steel bolts	Earth, enclosure, internal	Welded-on M6 x 16 stainless-steel bolts

**horizontal assembly**

WDU 10 / ZDU 10	2x22	WDU 16 / ZDU 16	2x18
WDU 2,5 / ZDU 2,5 / IDU 2,5	2x42	WDU 4 / ZDU 4	2x35
WDU 6 / ZDU 6	2x27		

**vertical assembly**

WDU 10 / ZDU 10	2x22	WDU 16 / ZDU 16	2x18
WDU 2,5 / ZDU 2,5 / IDU 2,5	2x42	WDU 4 / ZDU 4	2x35
WDU 6 / ZDU 6	2x27		

**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

**Important note**

Product information      The ambient temperature for the assembly will be reduced to +60°C and the surface temperature to +100°C.

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## Technische Daten

### Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	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 2020322303002356 STB Assembly Enclosure</a> <a href="#">UKCA TÜV 22 UKEX 7099 U</a> <a href="#">UKCA TÜV 22 UKEX 7100</a> <a href="#">Attestation of Conformity - Klippon STB Empty Enclosures - AoC DE PS2620 160308 001ISS04</a> <a href="#">RUC-DE.BE02.B.00173</a> <a href="#">08_20032</a> <a href="#">IBEXU07ATEX1148</a> <a href="#">IECEXIBE09.0018U</a> <a href="#">IECEXIBE09.0019</a> <a href="#">IEX13.0002U</a> <a href="#">IEX13.0003</a> <a href="#">15.40041.250</a> <a href="#">16-AV4BO-247X</a> <a href="#">59358-08</a> <a href="#">IBEXU07ATEX1147U</a> <a href="#">INMETRO Certificado LMP 21.0018 KLIPPON STB</a> <a href="#">EU Declaration of Conformity - Klippon STB Empty Enclosures Ex - DoC DE PS2620 160412 001ISS01</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Engineering Data	<a href="#">WSCAD, EPLAN</a>
Tender specification	<a href="#">Klippon STB 4 SS_1002710000_DE</a> <a href="#">Klippon STB 4 SS_1002710000_EN</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 KLIPPON STB EN</a> <a href="#">FL SHIPBUILDING 2016 EN</a> <a href="#">FL SHIPBUILDING 2016 EN</a>

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**Zeichnungen**

**Dimensioned drawing**

