

## KLIPPON STB 3 SS

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

### 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: 190 mm, Width: 190 mm, Depth: 100 mm, Material: Stainless steel 1.4404 (316L), Mirror polished, silver
Order No.	<a href="#">1002720000</a>
Type	KLIPPON STB 3 SS
GTIN (EAN)	4032248695652
Qty.	1 pc(s).

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## Technical data

### Dimensions and weights

Depth	100 mm	Depth (inches)	3.937 inch
Height	190 mm	Height (inches)	7.48 inch
Mounting dimension - width	215 mm	Net weight	2,433 g
Weight	2.59 kg	Width	190 mm
Width (inches)	7.48 inch		

### Cable glands, left

M12	21	M16	15
M20	10	M25	8
M32	3	M40	3
M50	2	M63	1

### Cable glands, right

M12	21	M16	15
M20	8	M25	6
M32	3	M40	2
M50	1		

### Cable glands, top/bottom

M12	21	M16	15
M20	10	M25	8
M32	3	M40	3
M50	2	M63	1

### 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 Conformity No. (AoC)	DE PS2620 160308 001ISS02
Certificate No. (ATEX)	IBEXU07ATEX1147U	Certificate No. (EAC)	RUC-DE.BE02.B.00173
Certificate No. (IECEX)	IECEXIBE09.0019	Certificate No. (LLOYDSREG)	08_20032
Certificate no. (INMETRO)	IEX13.0002U	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.AJ54.B.00251/19 Ind. Terminal Box	Certificate no. Terminal Box (IECEX)	IECEX IBE 09.0019
Certificate no. Terminal Box (INMETRO)	IEx 13.0003	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 Conformity No. (DoC LVD)	DE PS2620 160412 001ISS01		

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## General information

Access opening: height	170 mm	Access opening: width	172 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	1.5 mm	Material thickness of enclosure	1.5 mm
Operating temperature, max.	100 °C	Operating temperature, min.	-60 °C
Protection degree	IP66	Seal material	Silicone
Surface finish	Mirror polished	Torque for lid screws	2.5 Nm

## vertical assembly

WDU 10 / ZDU 10	1x15	WDU 16 / ZDU 16	1x13
WDU 2,5 / ZDU 2,5 / IDU 2,5	1x30	WDU 4 / ZDU 4	1x25
WDU 6 / ZDU 6	1x20		

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

## Approvals

Approvals



ROHS	Conform
UL File Number Search	E256877

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### 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="#">Attestation of Conformity - Klippon STB Empty Enclosures - AoC DE PS2620 160308 001ISS02</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="#">EU Declaration of Conformity - Klippon STB Empty Enclosures Ex - DoC DE PS2620 160412 001ISS01</a>
Engineering Data	<a href="#">STEP</a>
Engineering Data	<a href="#">EPLAN, WSCAD</a>
Tender specification	<a href="#">Klippon STB 3 SS_1002720000_DE</a> <a href="#">Klippon STB 3 SS_1002720000_EN</a>
User Documentation	<a href="#">Assembly guidelines - empty enclosures</a>

