

## Klippon STB (Small Terminal Box) KLIPPON STB 1 SS

**Weidmüller Interface GmbH & Co. KG**  
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### Product image



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 (+120°C on request)
- Approved according to ATEX, IECEx, cULus, Lloyds Register, Germanischer Lloyd, GOST 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

Type	KLIPPON STB 1 SS
Order No.	<a href="#">1002690000</a>
Version	Klippon STB (Small Terminal Box), Empty enclosure, stainless steel enclosure, Height: 120 mm, Width: 120 mm, Depth: 80 mm, Material: Stainless steel 1.4404 (316L), Mirror polished, silver
GTIN (EAN)	4032248695317
Qty.	1 pc(s).

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### Technical data

#### Dimensions and weights

Width	120 mm	Width (inches)	4.724 inch
Height	120 mm	Height (inches)	4.724 inch
Depth	80 mm	Depth (inches)	3.15 inch
Mounting dimension - width	145 mm	Weight	1.34 kg
Net weight	1,218.16 g		

#### Cable glands, left

M12	10	M16	6
M20	6	M25	3
M32	2	M40	2

#### Cable glands, right

M12	8	M16	4
M20	4	M25	2
M32	1	M40	1

#### Cable glands, top/bottom

M12	10	M16	6
M20	6	M25	3
M32	2	M40	2

#### Certificate numbers enclosure

Certificate no. assembled enclosure (ATEX)	IBExU07ATEX1148	Certificate no. empty enclosure (ATEX)	IBExU 07ATEX1147U
Certificate no. assembled enclosure (IECEX)	IECEX IBE 09.0019	Certificate no. empty enclosure (IECEX)	IECEX IBE 09.0018U
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 13.0003	Certificate no. empty enclosure (INMETRO)	IEx 13.0002U
Certificate no. assembled enclosure (AEx)	E223792	Certificate no., assembled enclosure (KOSHA)	16-AV4BO-0247X
Certificate No. (GERMLOYD)	59358-08	Certificate No. (MARITREG)	15.40041.250
Certificate no. (cULus)	E197061		

#### General information

Areas of use	Explosive risk zone, Packaging industry, Transportation, Process industry, Marine engineering	Material thickness	1.5 mm
Material thickness of enclosure	1.5 mm	Torque for lid screws	2.5 Nm
Material	Stainless steel 1.4404 (316L)	Seal material	Silicone
Surface finish	Mirror polished	Operating temperature, min.	-60 °C
Operating temperature, max.	100 °C	Impact resistance	10 J version standard, 7 J ATEX version
Protection degree	IP66	Enclosure attachment	Welded-on mounting foot with 8-mm holes
Lid attachment	M5 hexagonal screw with slot and 10mm distance across flats	Integral fixing	TAS 20 rail welded to floor

Creation date November 28, 2019 5:21:35 PM CET

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**Technical data****vertical assembly**

WDU 10 / ZDU 10	1x8	WDU 16 / ZDU 16	1x7
WDU 2,5 / ZDU 2,5 / IDU 2,5	1x17	WDU 4 / ZDU 4	1x14
WDU 6 / ZDU 6	1x11		

**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		

**Product information**

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

**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">Attestation of Conformity - Klippon STB Empty Enclosures - AoC DE PS2620 160308 001ISS01</a> <a href="#">EU Declaration of Conformity - Klippon STB Empty Enclosures Ex - DoC DE PS2620 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="#">CAT 5 ENCL 17/18 EN</a> <a href="#">FL KLIPPON STB EN</a> <a href="#">FL SHIPBUILDING 2016 EN</a>
Engineering Data	<a href="#">EPLAN, WSCAD</a>
Engineering Data	<a href="#">STEP</a>
Tender specification	<a href="#">Klippon STB 1 SS_1002690000_DE</a> <a href="#">Klippon STB 1 SS_1002690000_EN</a>
User Documentation	<a href="#">MB KLIPPON ENCL.TECN DE</a> <a href="#">Assembly guidelines - empty enclosures</a>

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**Drawings****Dimensioned drawing**