

## Klippon STB (Small Terminal Box) KLIPPON STB 2 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 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

Type	KLIPPON STB 2 SS
Order No.	<a href="#">1002740000</a>
Version	Klippon STB (Small Terminal Box), Empty enclosure, stainless steel enclosure, Height: 150 mm, Width: 150 mm, Depth: 90 mm, Material: Stainless steel 1.4404 (316L), Mirror polished, silver
GTIN (EAN)	4032248695676
Qty.	1 pc(s).

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

Width	150 mm	Width (inches)	5.905 inch
Height	150 mm	Height (inches)	5.905 inch
Depth	90 mm	Depth (inches)	3.543 inch
Mounting dimension - width	175 mm	Weight	1.63 kg
Net weight	1,708 g		

**Cable glands, left**

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

**Cable glands, right**

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

**Cable glands, top/bottom**

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

**Certificate numbers enclosure**

Attestation of Conformity No. (AoC)	DE PS2620 160308 001ISS02	Declaration of Conformity No. (DoC LVD)	DE PS2620 160412 001ISS01
Certificate no. empty enclosure (ATEX)	IBExU 07ATEX1147U	Certificate no. Terminal Box (ATEX)	IBExU07ATEX1148
Certificate no. empty enclosure (IECEX)	IECEX IBE 09.0018U	Certificate no. Terminal Box (IECEX)	IECEX IBE 09.0019
Certificate no., empty enclosure (EAC)	RU C-DE.ГБ08.В.00472	Certificate no. Terminal Box (EAC)	RU C-DE.ГБ08.В.01328
Certificate no. empty enclosure (INMETRO)	IEEx 13.0002U	Certificate no. Terminal Box (INMETRO)	IEEx 13.0003
Certificate no. Terminal Box (AEx)	E223792	Certificate no. Terminal Box (KOSHA)	16-AV4BO-0247X
Certificate no. (cULus)	E256877	Certificate No. (EAC)	RUC-DE.BE02.B.00173
Certificate No. (LLOYDSREG)	08_20032	Certificate no. (INMETRO)	IEEX13.0002U

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**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

**vertical assembly**

WDU 10 / ZDU 10	1x11	WDU 16 / ZDU 16	1x9
WDU 2,5 / ZDU 2,5 / IDU 2,5	1x23	WDU 4 / ZDU 4	1x19
WDU 6 / ZDU 6	1x14		

**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

## Data sheet

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## Technical data

### Downloads

Approval/Certificate/Document of Conformity	<a href="#">Attestation of Conformity - Klippon STB Empty Enclosures - AoC DE PS2620 160308 001ISS02 RUC-DE.BE02.B.00173 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>
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 2 SS_1002740000_DE</a> <a href="#">Klippon STB 2 SS_1002740000_EN</a>
User Documentation	<a href="#">Assembly guidelines - empty enclosures</a>

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**Drawings**

**Dimensioned drawing**

