

Klippon STB (Small Terminal Box)
KLIPPON STB 1.1 SS

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
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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 1.1 SS
Order No.	1002750000
Version	Klippon STB (Small Terminal Box), Empty enclosure, stainless steel enclosure, Height: 150 mm, Width: 120 mm, Depth: 80 mm, Material: Stainless steel 1.4404 (316L), Mirror polished, silver
GTIN (EAN)	4032248695683
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Width	120 mm	Width (inches)	4.724 inch
Height	150 mm	Height (inches)	5.905 inch
Depth	80 mm	Depth (inches)	3.15 inch
Mounting dimension - width	145 mm	Weight	1.38 kg
Net weight	1,451 g		

Cable glands, left

M12	10	M16	6
M20	6	M25	2
M32	2	M40	1

Cable glands, right

M12	10	M16	6
M20	6	M25	2
M32	2	M40	1

Cable glands, top/bottom

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

Certificate numbers enclosure

Certificate no. Terminal Box (ATEX)	IBExU07ATEX1148	Certificate no. empty enclosure (ATEX)	IBExU 07ATEX1147U
Certificate no. Terminal Box (IECEX)	IECEX IBE 09.0019	Certificate no. empty enclosure (IECEX)	IECEX IBE 09.0018U
Certificate no. Terminal Box (EAC)	RU C-DE.ГБ08.В.01328	Certificate no., empty enclosure (EAC)	RU C-DE.ГБ08.В.00472
Certificate no. Terminal Box (INMETRO)	IEEx 13.0003	Certificate no. empty enclosure (INMETRO)	IEEx 13.0002U
Certificate no. Terminal Box (AEx)	E223792	Certificate no. Terminal Box (KOSHA)	16-AV4BO-0247X
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

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Technical data

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.
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Approvals

Approvals



ROHS	Conform
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Downloads

Approval/Certificate/Document of Conformity	Attestation of Conformity - Klippon STB Empty Enclosures - AoC DE PS2620 160308 001ISS01 RUC-DE.BE02.B.00173 08_20032 IBEXU07ATEX1148 IECEXIBE09.0018U IECEXIBE09.0019 IEX13.0002U IEX13.0003 15.40041.250 16-AV4BO-247X 59358-08 IBEXU07ATEX1147U EU Declaration of Conformity - Klippon STB Empty Enclosures Ex - DoC DE PS2620 160412 001ISS01
Brochure/Catalogue	MB OVERV. PROCESS WD DE MB KLIPPON ENCL.TECN EN MB PROCESS EN CAT 5 ENCL 17/18 EN FL KLIPPON STB EN FL SHIPBUILDING 2016 EN
Engineering Data	EPLAN, WSCAD
Engineering Data	STEP
Tender specification	Klippon STB 1.1 SS_1002750000_DE Klippon STB 1.1 SS_1002750000_EN
User Documentation	Assembly guidelines - empty enclosures

Creation date July 8, 2020 11:02:15 AM CEST

Catalogue status 08.07.2020 / We reserve the right to make technical changes.

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Drawings

Dimensioned drawing

