

KLIPPON STB 1 SS
Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com
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

Version	Klippon STB (Small Terminal Box), Empty enclosure, stainless steel enclosure, Height: 120 mm, Width: 120 mm, Depth: 80 mm, Basic material: Stainless steel 1.4404 (316L), Mirror polished, silver
Order No.	1002690000
Type	KLIPPON STB 1 SS
GTIN (EAN)	4032248695317
Qty.	1 items

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Technical data

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E197061

Dimensions and weights

Depth	80 mm	Depth (inches)	3.1496 inch
Height	120 mm	Height (inches)	4.7244 inch
Width	120 mm	Width (inches)	4.7244 inch
Mounting dimension - width	145 mm	Net weight	1218.16 g

Temperatures

Operating temperature	-60 °C...100 °C
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Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Cable glands, left

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

Cable glands, right

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

Cable glands, top/bottom

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

Certificate numbers enclosure

Declaration of Conformity No. (DoC LVD)	DE PS2620 160412 001ISS02	Attestation of Conformity No. (AoC)	DE PS2620 160308 001ISS04
Certificate no. Terminal Box (KOSHA)	16-AV4BO-0247X	Certificate no. empty enclosure (INMETRO)	LMP 21.0015U
Certificate no. Terminal Box (AEx)	E223792	Certificate no. Terminal Box (ATEX)	IBExU07ATEX1148
Certificate no. empty enclosure (ATEX)	IBExU 07ATEX1147U	Certificate No. (LLOYDSREG)	LR23307703TA

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Technical data

Certificate no. Terminal Box (INMETRO)	LMP 21.0018	Certificate no. (INMETRO)	IEEX13.0003
Certificate no. Terminal Box (IECEX)	IECEX IBE 09.0019	Certificate no. empty enclosure (IECEX)	IECEX IBE 09.0018U
Certificate No. (IECEX)	IECEXIBE09.0019	Certificate No. (ATEX)	IBEXU07ATEX1147U
Approval conditions	ATEX, DNV, IECEX, INMETRO, LR, RMRS, UL AEx Class Div., UL AEx Class Zone, cULus, KC, CCC	Certificate no. (cULus)	E197061

General information

Material thickness of cover	1.5 mm	Material thickness of enclosure	1.5 mm
Operating temperature, max.	100 °C	Operating temperature, min.	-60 °C
Lid attachment	M5 hexagonal screw with slot and 10mm distance across flats	Surface finish	Mirror polished
Impact resistance	10 J version standard, 7 J ATEX version	Protection degree	IP66
Basic material	Stainless steel 1.4404 (316L)	Seal material	Silicone
Torque for lid screws	2.5 Nm	Integral fixing	TAS 20 rail welded to floor
Enclosure attachment	Welded-on mounting foot with 8-mm holes	Protection class (UL)	Type 4, Type 4X
Number of lid screws	4	Access opening: width	102 mm
Flange plate	No	Lid	Yes
Access opening: height	100 mm	Areas of use	Explosive risk zone, Packaging industry, Transportation, Process industry, Marine engineering

Housing earth

Cross-section, max.	25 mm ²	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

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		

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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Classifications

ETIM 6.0	EC002503	ETIM 7.0	EC002503
ETIM 8.0	EC002503	ETIM 9.0	EC002503
ETIM 10.0	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
ECLASS 13.0	27-18-05-02	ECLASS 14.0	27-18-05-02
ECLASS 15.0	27-18-05-02		

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Drawings

Dimensioned drawing

