

KLIPPON STB 6 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: 250 mm, Width: 400 mm, Depth: 130 mm, Basic material: Stainless steel 1.4404 (316L), Mirror polished, silver
Order No.	1002760000
Type	KLIPPON STB 6 SS
GTIN (EAN)	4032248695690
Qty.	1 items

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Technical data

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E256877

Dimensions and weights

Depth	130 mm	Depth (inches)	5.1181 inch
Height	250 mm	Height (inches)	9.8425 inch
Width	400 mm	Width (inches)	15.748 inch
Mounting dimension - height	150 mm	Mounting dimension - width	425 mm
Net weight	5714 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

M63	2	M12	64
M50	4	M16	33
M32	10	M25	16
M20	30	M40	6

Cable glands, right

M25	10	M63	2
M16	21	M40	3
M50	2	M32	8
M20	18	M12	36

Cable glands, top/bottom

M20	30	M12	64
M63	2	M40	6
M32	10	M25	16
M50	4	M16	33

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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. (DNV)	TAE00003ZT	Certificate no. Terminal Box (AEx)	E223792
Certificate no. Terminal Box (ATEX)	IBExU07ATEX1148	Certificate no. empty enclosure (ATEX)	IBExU 07ATEX1147U
Certificate No. (LLOYDSREG)	LR23307703TA	Certificate no. Terminal Box (INMETRO)	LMP 21.0018
Certificate no. (INMETRO)	IEX13.0002U	Certificate no. Terminal Box (IECEX)	IECEX IBE 09.0019
Certificate no. empty enclosure (IECEX)	IECEX IBE 09.0018U	Certificate No. (IECEX)	IECEXIBE09.0018U
Certificate No. (ATEX)	IBExU07ATEX1148	Approval conditions	ATEX, DNV, IECEX, INMETRO, LR, RMRS, UL AEx Class Div., UL AEx Class Zone, cULus, KC, CCC
Certificate no. (cULus)	E256877		

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	382 mm
Flange plate	No	Lid	Yes
Access opening: height	230 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

horizontal assembly

WDU 10 / ZDU 10	2x37	WDU 16 / ZDU 16	2x30
WDU 2,5 / ZDU 2,5 / IDU 2,5	2x72	WDU 4 / ZDU 4	2x60
WDU 6 / ZDU 6	2x46		

vertical assembly

WDU 10 / ZDU 10	3x22	WDU 16 / ZDU 16	3x18
WDU 2,5 / ZDU 2,5 / IDU 2,5	3x42	WDU 4 / ZDU 4	3x35
WDU 6 / ZDU 6	3x27		

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Important note

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

Classifications

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

