

Klippon STB (Small Terminal Box) KLIPPON STB 5 SS

Weidmüller Interface GmbH & Co. KG
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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 5 SS
Order No.	1002700000
Version	Klippon STB (Small Terminal Box), Empty enclosure, stainless steel enclosure, Height: 160 mm, Width: 380 mm, Depth: 120 mm, Material: Stainless steel 1.4404 (316L), Mirror polished, Silver
GTIN (EAN)	4032248695638
Qty.	1 pc(s).

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Technical data
Dimensions and weights

Width	380 mm	Width (inches)	14.961 inch
Height	160 mm	Height (inches)	6.299 inch
Depth	120 mm	Depth (inches)	4.724 inch
Mounting dimension - width	405 mm	Mounting dimension - height	80 mm
Weight	4.82 kg	Net weight	3,936 g

Cable glands, left

M12	20	M16	12
M20	12	M25	6
M32	4	M40	2
M50	1	M63	1

Cable glands, right

M12	20	M16	12
M20	12	M25	6
M32	4	M40	2
M50	1	M63	1

Cable glands, top/bottom

M12	64	M16	33
M20	30	M25	16
M32	10	M40	6
M50	4	M63	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)	IEEx 13.0003	Certificate no. empty enclosure (INMETRO)	IEEx 13.0002U
Certificate no. assembled enclosure (AEx)	E223792	Certificate no., assembled enclosure (KOSHA)	16-AV4BO-0247X
Certificate No. (GERMLLOYD)	59358-08	Certificate No. (MARITREG)	15.40041.250
Certificate no. (cULus)	E256877		

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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	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, NEMA 4, NEMA 4x
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		

horizontal assembly

WDU 10 / ZDU 10	1x35	WDU 16 / ZDU 16	1x29
WDU 2,5 / ZDU 2,5 / IDU 2,5	1x68	WDU 4 / ZDU 4	1x57
WDU 6 / ZDU 6	1x44		

vertical assembly

WDU 10 / ZDU 10	3x12	WDU 16 / ZDU 16	3x10
WDU 2,5 / ZDU 2,5 / IDU 2,5	3x25	WDU 4 / ZDU 4	3x21
WDU 6 / ZDU 6	3x16		

Classifications

ETIM 4.0	EC002600	ETIM 5.0	EC002600
ETIM 6.0	EC002503	eClass 6.2	27-14-91-07
eClass 7.1	27-14-91-07	eClass 8.1	27-14-91-07
eClass 9.0	27-14-44-30	eClass 9.1	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.
Descriptive text ordering data	The colours of painted enclosures may vary under certain circumstances.
Descriptive text technical data	<p>The mounting rails are designed to be installed directly. Assembly with terminals provides for 10 mm clearance to the ends of the mounting rail. Recommended order: TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal) ZDU 2.5 1608510000 TS 32 mounting rail (screw terminal) SAK 2.5 0279660000 TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000 When installing inner and outer mounted components the following are sole responsibility of the user to observe and consider:</p> <ul style="list-style-type: none"> • clearance and creepage distances • internal and external heating • accordance with currently valid certificates <p>Furthermore, a collision analysis of inner and outer mounted components must be performed by the user, regardless of the above points.</p>
Descriptive text accessories	The enclosure is supplied with a set of sliding fixing nuts, washer, screws M5, to fix the mounting rail TS 35 or TS 32 into the C-Profile.

Data sheet

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Approvals

Approvals



ROHS Conform

Downloads

Approval/Certificate/Document of Conformity	Attestation of Conformity - Klippon STB Empty Enclosures - AoC DE PS2620 160308 001ISS01 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
Tender specification	Klippon STB 5 SS_1002700000_DE Klippon STB 5 SS_1002700000_EN
User Documentation	MB KLIPPON ENCL.TECN DE Assembly guidelines - empty enclosures

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Drawings

Dimensioned drawing

