

STB KLIPPON STB 1 SS

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Ideally suited for the energy and process industry and transportation, the Klippon® STB series is the perfect complement to our existing Klippon housing product line. Enclosures of this series comply with international standards such as EN 62208 and EN 60079-0/7 (ATEX).
 Features:

- A standard seal that is resistant to high temperatures
 - extended temperature range of -50°C to +100°C
 (+120°C on request)
- Approved according to ATEX, IECEx, cULus, Lloyds Register, Germanischer Lloyd, GOST
- Flexible options when mounting the internal rail
- IP66 protection
- The seal is protected against compression; this ensures that a permanent and secure seal is maintained.
- Earth stud in housing cover and bottom section
- Lasered welding seams offer improved quality
- Delivered with welded-on mounting to ensure an optimal housing installation

Weidmüller can manufacture and supply this enclosure to match customer specifications, fitted with all necessary terminals and cable glands.

General ordering data

Type	KLIPPON STB 1 SS
Order No.	1002690000
Version	Enclosures, Built-in accessories, Stainless steel 1.4404 (316L), 120 mm, 120 mm
GTIN (EAN)	4032248695317
Qty.	1 pc(s).

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Technische Daten

Dimensions and weights

Length	80 mm	Width	120 mm
Height	120 mm	Mounting dimension - width	145 mm
Weight	1.34 kg	Net weight	1,250 g

Cable glands, left

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

Cable glands, right

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

Cable glands, top/bottom

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

General information

Areas of use	Explosive risk zone, Packaging industry, Transportation, Process industry, Marine engineering	Material thickness of enclosure	1.5 mm
Material	Stainless steel 1.4404 (316L)	Seal material	Silicone
Surface finish	Mirror polished	Operating temperature, min.	-50 °C
Operating temperature, max.	120 °C	Impact resistance	10 J version standard, 7 J ATEX version
Protection degree	IP 66	Enclosure attachment	Welded-on mounting foot with 8-mm holes
Cover attachment	M5 hexagon stainless-steel slotted screw with 10mm spanner width	Integral fixing	TAS 20 rail welded to floor

vertical assembly

WDU 10 ZDU 10 (2)	1x8	WDU 16 ZDU 16 (2)	1x7
WDU 2,5 ZDU 2,5 IDU 2,5 (2)	1x17	WDU 4 ZDU 4 (2)	1x14
WDU 6 ZDU 6 (2)	1x11		

Classifications

eClass 6.2	27-14-91-07	eClass 7.1	27-14-91-07
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Test certificates

Certificate No. (GERMLLOYD)	59358-08	Certificate no. (cULus)	E197061VOL2SEC2
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Product information

Descriptive text ordering data	The colours of painted enclosures may vary under certain circumstances.
Descriptive text technical data	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
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.

Approvals

Approvals



ROHS Conform