

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

Order No.	1002690000
Part designation	KLIPPON STB 1 SS
Version	Enclosures, 120 mm, 80 mm, 120 mm, Stainless steel 1.4404 (316L)
GTIN (EAN)	4032248695317
Qty.	1 pc(s).

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Technical data

Dimensions

Length	80 mm	Width	120 mm
Height	120 mm	Fixing dimension, width	145 mm
Weight	1.34 kg		

General information

Fixing dimension, width	145 mm	Material	Stainless steel 1.4404 (316L)
Surface	Mirror polished	Cover fixing	M5 hexagon stainless-steel slotted screw with 10mm spanner width
Enclosure fixing	Welded-on mounting foot with 8-mm holes	Integral fixing	TAS 20 rail welded to floor
Material	Stainless steel 1.4404 (316L)	Material thickness of enclosure	1.5 mm
Resistance to shocks	10 J version standard 7 J ATEX version	Sealing material	Silicone
Surface	Mirror polished		

Cable glands top/bottom

M 12	10	M 16	6
M 40	2	M20	6
M25	3	M32	2

cable glands, left

M 12 (3)	10	M 16 (3)	6
M 20 (3)	6	M 25 (3)	3
M 32 (3)	2	M 40 (3)	2

cable glands, right

M 12 (2)	8	M 16 (2)	4
M 20 (2)	4	M 25 (2)	2
M 32 (2)	1	M 40 (2)	1

horizontal assembly

WDU 2,5 / ZDU 2,5 / IDU 2,5	1x17
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vertical assembly

WDU 10 / ZDU 10 (2)	8	WDU 16 / ZDU 16 (2)	7
WDU 2,5 / ZDU 2,5 / IDU 2,5 (2)	17	WDU 4 / ZDU 4 (2)	14
WDU 6 / ZDU 6 (2)	11		

Approvals

Approvals institutes	CULUS; GERMLLOYD; GOSTME25; IBEXUATEX; IECEXIBE; LLOYDSREG
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Classifications

eClass 6.0	27-14-91-07
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