

Klippon STB (Small Terminal Box) KLIPPON STB 1 SS E

Weidmüller Interface GmbH & Co. KG
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Germany
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Product image



Abbildung ähnlich

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

Type	KLIPPON STB 1 SS E
Order No.	1058810000
Version	Klippon STB (Small Terminal Box), Empty enclosure, stainless steel enclosure, Height: 120 mm, Width: 120 mm, Depth: 80 mm, Material: Stainless steel 1.4404 (316L), electropolished, silver
GTIN (EAN)	4032248800681
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Width	120 mm	Width (inches)	4.724 inch
Height	120 mm	Height (inches)	4.724 inch
Depth	80 mm	Depth (inches)	3.15 inch
Mounting dimension - width	145 mm	Weight	1.34 g
Net weight	1,220 g		

Cable glands, left

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

Cable glands, right

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

Cable glands, top/bottom

M12	10	M16	6
M20	6	M25	3
M32	2	M40	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)	IEx 13.0003	Certificate no. empty enclosure (INMETRO)	IEx 13.0002U
Certificate no. assembled enclosure (AEx)	E223792	Certificate no., assembled enclosure (KOSHA)	16-AV4BO-0247X
Certificate No. (GOSTEX)	POCCDE.AI75.B16048	Certificate No. (GERMLLOYD)	59358-08
Certificate No. (MARITREG)	15.40041.250	Certificate no. (cULus)	E197061

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	Torque for lid screws	2.5 Nm
Material	Stainless steel 1.4404 (316L)	Seal material	Silicone
Surface finish	electropolished	Operating temperature, min.	-60 °C
Operating temperature, max.	100 °C	Impact resistance	10 J version standard, 7 J ATEX version
Protection degree	IP66	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

Creation date May 1, 2020 12:51:36 PM CEST

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Technical data**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		

Classifications

ETIM 6.0	EC002503	ETIM 7.0	EC002503
eClass 9.0	27-18-05-02	eClass 9.1	27-18-05-02
eClass 10.0	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.

Approvals

Approvals



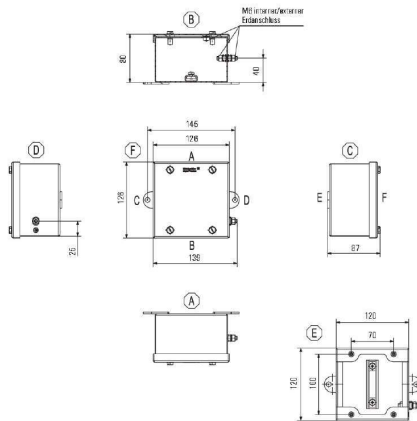
ROHS Conform

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
Engineering Data	STEP
Tender specification	Klippon STB 1 SS E_1058810000_DE Klippon STB 1 SS E_1058810000_EN
User Documentation	MB KLIPPON ENCL.TECN DE Assembly guidelines - empty enclosures

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Drawings**Dimensioned drawing**

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Accessories

Installation material



Integrate, expand and customise - the perfect supplement to every application

The fully structured range of system accessories for the new Klippon® TB enclosure series allows you to easily adapt the enclosures to meet the specific requirements of every application.

Mounting hardware kits

Mounting hardware kits are available for quick and easy installation of type label holders, document holders and rain hoods.

The **label fastening set – SD** is required to install a plastic (Trafolyte) ID or type label. With the aid of this set you can mount the ID or type label directly on the enclosure cover. The label fastening set has been specially developed for this purpose. Only by using this fastening set can you ensure that there will be no leaks into the enclosure or damage to the label.

The **universal fastening set – TPSD** has been developed to enable secure and quick installation of type label holders, rain covers or document holders, for example. By using this fastening set, the risk of leaks can be minimised, if not avoided.

General ordering data

Type	TPSD FIXING SET KTB	Version
Order No.	1252190000	Klippon TB (Terminal Box), Type plate fixings set, Material: Stainless
GTIN (EAN)	4050118043969	steel, rust-proof, untreated, silver
Qty.	1 pc(s).	
Type	SD FIXING SET	Version
Order No.	1285200000	Klippon TB (Terminal Box), Identification plate fixing set, Material:
GTIN (EAN)	4050118075472	Stainless steel, rust-proof, untreated, silver
Qty.	1 pc(s).	

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Features: .

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General ordering data

Type	SFNS5 VKMU M5 SW15	Version
Order No.	0433500000	Klippon STB (Small Terminal Box), Fixing nut, Material: Steel,
GTIN (EAN)	4008190494520	galvanised, silver
Qty.	20 pc(s).	

Compensating Element


Pressure-compensation elements ensure good ventilation of the enclosure and prevent the build-up of condensation while maintaining the appropriate IP class of protection.

General ordering data

Type	DAE M12 SS	Version
Order No.	1868550000	DAE (ventilation element), Compensating element, M 12, 10 mm,
GTIN (EAN)	4032248440405	IP66, IP68, IP69K, Stainless steel 1.4305 (303)
Qty.	10 pc(s).	

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Accessories

Type	DAE M12 PA LONG	Version
Order No.	1868570000	DAE (ventilation element), Compensating element, M 12, 10 mm,
GTIN (EAN)	4032248440429	IP66, IP68, IP69K, Polyamide 6
Qty.	10 pc(s).	

TS 35


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General ordering data

Type	TS35X7.5 ST STB 1	Version
Order No.	8410510000	Rail, TS 35, TS 35 x 7.5, Length: 80 mm, without slot, Steel,
GTIN (EAN)	4050118652758	galvanized, chromium-plated
Qty.	20 pc(s).	