

**Klippon STB (Small Terminal Box)
KLIPPON STB 2 SS****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

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 (+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 2 SS
Order No.	1002740000
Version	Klippon STB (Small Terminal Box), Empty enclosure, stainless steel enclosure, Height: 150 mm, Width: 150 mm, Depth: 90 mm, Material: Stainless steel 1.4404 (316L), Mirror polished, silver
GTIN (EAN)	4032248695676
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Width	150 mm	Width (inches)	5.905 inch
Height	150 mm	Height (inches)	5.905 inch
Depth	90 mm	Depth (inches)	3.543 inch
Mounting dimension - width	175 mm	Weight	1.63 kg
Net weight	1,708 g		

Cable glands, left

M12	15	M16	10
M20	8	M25	3
M32	3	M40	2
M50	1		

Cable glands, right

M12	15	M16	8
M20	6	M25	2
M32	2	M40	2
M50	1		

Cable glands, top/bottom

M12	15	M16	10
M20	8	M25	3
M32	3	M40	2
M50	1		

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	Torque for lid screws	2.5 Nm
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	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

vertical assembly

WDU 10 / ZDU 10	1x11	WDU 16 / ZDU 16	1x9
WDU 2,5 / ZDU 2,5 / IDU 2,5	1x23	WDU 4 / ZDU 4	1x19
WDU 6 / ZDU 6	1x14		

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	27-18-05-02	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.
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Approvals

Approvals



ROHS	Conform
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Technical data**Downloads**

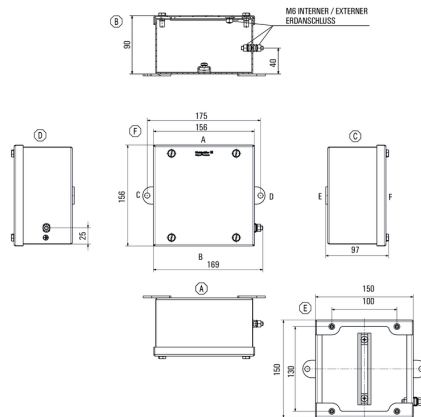
Approval/Certificate/Document of Conformity	Attestation of Conformity - Klippon STB Empty Enclosures - AoC DE PS2620 160308 001ISS01 EU Declaration of Conformity - Klippon STB Empty Enclosures Ex - DoC DE PS2620 160412 001ISS01
Brochure/Catalogue	MB OVERV. PROCESS WD DE MB KLIPPON ENCL.TECN EN MB PROCESS 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 2 SS_1002740000_DE Klippon STB 2 SS_1002740000_EN
User Documentation	MB KLIPPON ENCL.TECN DE Assembly guidelines - empty enclosures

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Drawings

Dimensioned drawing



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Accessories**Grounding strap****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.

The following options are available:

- Document holders
- Flange plates
- Mounting plates
- Locking systems
- Type label holders
- Rain hoods
- Earthing studs

General ordering data

Type	PECD WIRE 6/200/D6 SET	Version
Order No.	2475490000	Klippon TB (Terminal Box), Grounding strap, Sscrewed, Green/yellow
GTIN (EAN)	4050118487206	
Qty.	1 pc(s).	

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Accessories

Accessories



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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).	

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Accessories

Installation material



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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).	

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 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).	

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Accessories

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).	

TS 35



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General ordering data

Type	TS35X7.5 ST STB 1.1 STB ...	Version
Order No.	8683740000	Rail, TS 35, TS 35 x 7.5, Length: 110 mm, without slot, Steel,
GTIN (EAN)	4050118652765	galvanized, chromium-plated
Qty.	20 pc(s).	