

KLIPPON STB 1 MS HT**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Similar to illustration

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. the Lloyds Register and EN62208.

- Sheet steel 1.0330, powder-coated in RAL 7032
- Comes with a standard seal that is resistant to high temperatures - extended temperature range of -60°C to +120°C
- Approved according to Lloyds Register and Russian Maritime Register
- 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

General ordering data

Version	Klippon STB (Small Terminal Box), Empty enclosure, Sheet steel enclosure, Height: 120 mm, Width: 120 mm, Depth: 80 mm, Material: Sheet steel, Powder-coated, Pebble grey
Order No.	1024970000
Type	KLIPPON STB 1 MS HT
GTIN (EAN)	4032248745197
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	80 mm	Depth (inches)	3.15 inch
Height	120 mm	Height (inches)	4.724 inch
Width	120 mm	Width (inches)	4.724 inch
Mounting dimension - width	145 mm	Weight	1,340 g
Net weight	1,246 g		

Temperatures

Operating temperature	-60 °C... 120 °C
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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

Approval conditions	LR, EAC	Certificate No. (EAC)	C-DE.HB07.B.00089-20
Certificate No. (LLOYDSREG)	08_20032	Certificate no. Terminal Box (EAC)	C-DE.AD54.B.00251/19 Ind. Terminal Box
Certificate no., empty enclosure (EAC)	C-DE.HB07.B.00089/20	Declaration of Conformity No. (DoC LVD)	DE PS2620 160412 002ISS01

General information

Access opening: height	100 mm	Access opening: width	102 mm
Areas of use	Transportation, Marine engineering, Process industry, Packaging industry	Enclosure attachment	Welded-on mounting foot with 8-mm holes
Flange plate	No	Halogen	No
Impact resistance	10 J version standard	Integral fixing	TAS 20 rail welded to floor
Lid	Yes	Lid attachment	M5 hexagonal screw with slot and 10mm distance across flats
Material	Sheet steel	Material thickness of cover	1.5 mm
Material thickness of enclosure	1.5 mm	Number of lid screws	4
Operating temperature, max.	120 °C	Operating temperature, min.	-60 °C
Protection class (UL)	Type 4, Type 4x	Protection degree	IP66
Seal material	Silicone	Standards	DIN 4102-12
Surface finish	Powder-coated		

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Technical data

Housing earth

Cross-section , max.	25 mm ²	Earth, enclosure, cover	Welded-on M6 x 10 stainless-steel earth stud
Earth, enclosure, external	Welded-on M6 x 16 stainless-steel bolts	Earth, enclosure, internal	Welded-on M6 x 16 stainless-steel bolts

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	EC000261	ETIM 7.0	EC000261
ETIM 8.0	EC000261	ECLASS 9.0	27-18-01-01
ECLASS 9.1	27-18-92-90	ECLASS 10.0	27-18-01-01
ECLASS 11.0	27-18-01-01		

Important note

Product information	The fire rating up to E90 acc. to DIN 4102-12 depends on concrete configurations / installations (details see "Declaration of Manufacturer" in "Downloads")
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Approvals

Approvals



ROHS	Conform
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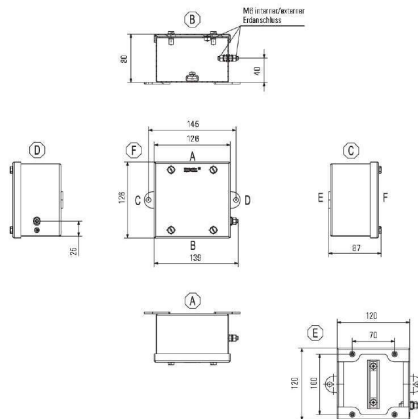
Downloads

Approval/Certificate/Document of Conformity	C-DE.A154.B.00251.19 Ind. Terminal Box RUC-DE.BE02.B.00173 08_20032 MPA NRW Certificate - fire rated assembled boxes acc. to DIN 4102-12 EU Declaration of Conformity - KlippON STB Empty Enclosures IND - DoC DE PS2620 160412 002ISS02
Engineering Data	CAD data – STEP
Engineering Data	EPLAN, WSCAD
Tender specification	KlippON STB 1 MS HT_1024970000_DE KlippON STB 1 MS HT_1024970000_EN
User Documentation	Assembly guidelines - empty enclosures
Catalogues	Catalogues in PDF-format
Brochures	MB KLIPPON ENCL.TECN EN FL KLIPPON STB EN FL SHIPBUILDING 2016 EN FL SHIPBUILDING 2016 EN

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Drawings**Dimensioned drawing**

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Accessories

Ventilation plugs - DAE



In addition to cable glands for a wide range of applications, the product portfolio is rounded off by plugs, pressure compensation elements, adaptors and the corresponding accessories such as locknuts, sealing rings, flat washers and earthing rings.

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).	
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).	

Grounding strap

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:

- Closure Elements
- Document holders
- Earthing stud
- Gland plates
- Installation material
- Mounting plates
- Rain hoods
- Spacer
- Terminal rails
- Type label holder

General ordering data

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

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Accessories

Terminal rails - TS35



The system accessories for the Klippon® STB enclosure series allows you to easily adapt the enclosures to meet the specific requirements of every application.

- DIN Rails TS 35
- Mounting screws

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

General ordering data

Type	TS35X7.5 ST STB 1	Version
Order No.	8410510000	Rail, TS 35, TS 35 x 7.5, Width: 80 mm, without slot, Steel, galvanic
GTIN (EAN)	4050118652758	zinc plated and passivated
Qty.	20 pc(s).	
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).	
Type	TS35X15 ST STB 1	Version
Order No.	8000073217	Rail, TS 35, TS 35 x 15, Width: 80 mm, Steel, galvanic zinc plated and
GTIN (EAN)	4064675356745	passivated
Qty.	20 pc(s).	

Mouser Electronics

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