

KLIPPON STB 1 MS HT

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

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. 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
- 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

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

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Technical data

Approvals

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ROHS Conform

Dimensions and weights

Depth	80 mm	Depth (inches)	3.1496 inch
Height	120 mm	Height (inches)	4.7244 inch
Width	120 mm	Width (inches)	4.7244 inch
Mounting dimension - width	145 mm	Net weight	1218 g

Temperatures

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

Environmental Product Compliance

RoHS Compliance Status Compliant without exemption
 REACH SVHC No SVHC above 0.1 wt%

Cable glands, left

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

Cable glands, right

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

Cable glands, top/bottom

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

Certificate numbers enclosure

Declaration of Conformity No. (DoC LVD) DE PS2620 160412 002ISS02
 Certificate No. (LLOYDSREG) LR23307703TA
 Approval conditions LR

General information

Material thickness of cover	1.5 mm	Material thickness of enclosure	1.5 mm
Operating temperature, max.	120 °C	Operating temperature, min.	-60 °C
Lid attachment	M5 hexagonal screw with slot and 10mm distance across flats	Standards	DIN 4102-12
Surface finish	Powder-coated	Impact resistance	10 J version standard

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Protection degree	IP66	Basic material	Sheet steel
Seal material	Silicone	Integral fixing	TAS 20 rail welded to floor
Enclosure attachment	Welded-on mounting foot with 8-mm holes	Protection class (UL)	Type 4, Type 4X
Number of lid screws	4	Access opening: width	102 mm
Flange plate	No	Max. payload	10.1 kg
Lid	Yes	Access opening: height	100 mm
Areas of use	Transportation, Marine engineering, Process industry, Packaging industry		

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		

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")

Classifications

ETIM 8.0	EC000261	ETIM 9.0	EC000261
ETIM 10.0	EC000261	ECLASS 14.0	27-18-01-01
ECLASS 15.0	27-18-01-01		

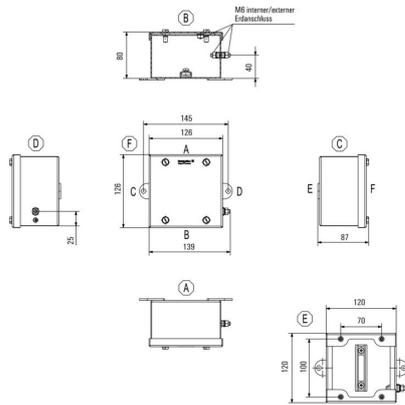
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Drawings

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Dimensioned drawing



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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	SFNS5 VKMU M5 SW15	Version
Order No.	0433500000	Klippon STB (Small Terminal Box), Fixing nut, Square, Height: 15 mm,
GTIN (EAN)	4008190494520	Width: 15 mm, Depth: 11.7 mm, Basic material: Steel, galvanized,
Qty.	20 ST	galvanized, silver

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, Ssrewed, Basic material:
GTIN (EAN)	4050118487206	Steel, Green/yellow
Qty.	1 ST	

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.

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General ordering data

Type	DAE M12 SS	Version
Order No.	1868550000	DAE (ventilation element), Compensating element, straight, M 12, 10
GTIN (EAN)	4032248440405	mm, IP66, IP68, IP69K, Stainless steel 1.4305 (303)
Qty.	10 ST	
Type	DAE M12 PA LONG	Version
Order No.	1868570000	DAE (ventilation element), Compensating element, straight, M 12, 10
GTIN (EAN)	4032248440429	mm, IP66, IP68, IP69K, Polyamide 6
Qty.	10 ST	

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 ST	
Type	TS35X15 ST STB 1	Version
Order No.	8000073217	Rail, TS 35, TS 35 x 15, Width: 80 mm, with slot, Steel, galvanic zinc
GTIN (EAN)	4064675356745	plated and passivated
Qty.	20 ST	