

KLIPPON STB 2.1 MS HT

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



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: 190 mm, Width: 150 mm, Depth: 90 mm, Basic material: Sheet steel, Powder-coated, Pebble grey
Order No.	1025010000
Type	KLIPPON STB 2.1 MS HT
GTIN (EAN)	4032248745227
Qty.	1 items

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Technical data

Approvals

Approvals



ROHS Conform

Dimensions and weights

Depth	90 mm	Depth (inches)	3.5433 inch
Height	190 mm	Height (inches)	7.4803 inch
Width	150 mm	Width (inches)	5.9055 inch
Mounting dimension - width	175 mm	Net weight	2020 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	15	M50	1
M16	10	M32	3
M25	3	M20	8
M40	2		

Cable glands, right

M25	3	M16	10
M40	2	M50	1
M32	3	M20	10
M12	18		

Cable glands, top/bottom

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

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

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Technical data

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
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	130 mm
Flange plate	No	Max. payload	19.95 kg
Lid	Yes	Access opening: height	172 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	1x15	WDU 16 / ZDU 16	1x13
WDU 2,5 / ZDU 2,5 / IDU 2,5	1x30	WDU 4 / ZDU 4	1x25
WDU 6 / ZDU 6	1x20		

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

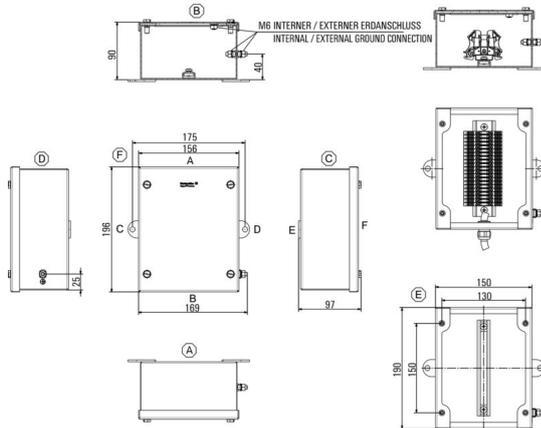
ETIM 8.0	EC000261	ETIM 9.0	EC000261
ETIM 10.0	EC000261	ECLASS 14.0	27-18-01-01
ECLASS 15.0	27-18-01-01		

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Drawings

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, Sscrewed, 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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Accessories

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

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General ordering data

Type	TS35X7.5 ST STB 2.1 STB...	Version
Order No.	1567660000	Rail, TS 35, TS 35 x 7.5, Width: 150 mm, without slot, Steel, galvanic
GTIN (EAN)	4008190084868	zinc plated and passivated
Qty.	100 ST	
Type	TS35X15 ST STB 2.1 STB 3	Version
Order No.	8000073219	Rail, TS 35, TS 35 x 15, Width: 150 mm, with slot, Steel, galvanic zinc
GTIN (EAN)	4064675356776	plated and passivated
Qty.	20 ST	