

## KLIPPON STB 1.1 MS HT

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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: 150 mm, Width: 120 mm, Depth: 80 mm, Basic material: Sheet steel, Powder-coated, Pebble grey
Order No.	<a href="#">1024980000</a>
Type	KLIPPON STB 1.1 MS HT
GTIN (EAN)	4032248745203
Qty.	1 items

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## Technical data

### Approvals

Approvals



ROHS Conform

### Dimensions and weights

Depth	80 mm	Depth (inches)	3.1496 inch
Height	150 mm	Height (inches)	5.9055 inch
Width	120 mm	Width (inches)	4.7244 inch
Mounting dimension - width	145 mm	Net weight	1380 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	2
M20	6	M40	1

### Cable glands, right

M25	2	M16	6
M40	1	M32	2
M20	6	M12	10

### 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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**Technical data**

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	100 mm
Flange plate	No	Max. payload	12.6 kg
Lid	Yes	Access opening: height	132 mm
Areas of use	Transportation, Marine engineering, Process industry, Packaging industry		

**Housing earth**

Cross-section , max.	25 mm <sup>2</sup>	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	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		

**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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**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		

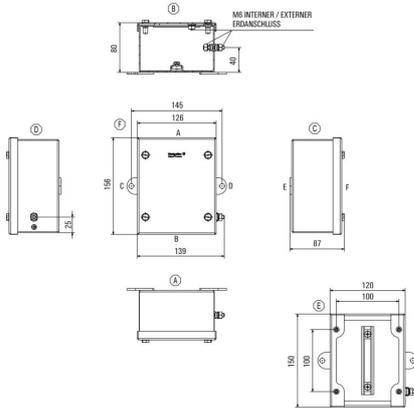
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**Drawings**

[www.weidmueller.com](http://www.weidmueller.com)

**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.	<a href="#">0433500000</a>	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.	<a href="#">2475490000</a>	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.	<a href="#">1868550000</a>	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.	<a href="#">1868570000</a>	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 1.1 STB...	Version
Order No.	<a href="#">8683740000</a>	Rail, TS 35, TS 35 x 7.5, Width: 110 mm, without slot, Steel,
GTIN (EAN)	4050118652765	galvanized, chromium-plated
Qty.	20 ST	
Type	TS35X15 ST STB 1.1 STB 2	Version
Order No.	<a href="#">8000073218</a>	Rail, TS 35, TS 35 x 15, Width: 110 mm, with slot, Steel, galvanic zinc
GTIN (EAN)	4064675356769	plated and passivated
Qty.	20 ST	