

## KLIPPON STB 1 MS HT

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

[www.weidmueller.com](http://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.	<a href="#">1024970000</a>
Type	KLIPPON STB 1 MS HT
GTIN (EAN)	4032248745197
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	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 <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	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**

