

**KLIPPON STB 2 MS HT****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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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

**General ordering data**

Version	Klippon STB (Small Terminal Box), Empty enclosure, Sheet steel enclosure, Height: 150 mm, Width: 150 mm, Depth: 90 mm, Material: Sheet steel, Powder-coated, Pebble grey
Order No.	<a href="#">1024990000</a>
Type	KLIPPON STB 2 MS HT
GTIN (EAN)	4032248745210
Qty.	1 pc(s).

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## Technical data

## Dimensions and weights

Depth	90 mm	Depth (inches)	3.543 inch
Height	150 mm	Height (inches)	5.905 inch
Width	150 mm	Width (inches)	5.905 inch
Mounting dimension - width	175 mm	Net weight	1,670 g

## Temperatures

Operating temperature	-60 °C...120 °C
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## Cable glands, left

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

## Cable glands, right

M12	15	M16	8
M20	6	M25	2
M32	2	M40	2
M50	1		

## Cable glands, top/bottom

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

## Certificate numbers enclosure

Approval conditions	LR	Declaration of Conformity No. (DoC LVD)	DE PS2620 160412 002ISS01
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## General information

Access opening: height	130 mm	Access opening: width	132 mm
Areas of use	Transportation, Marine engineering, Process industry, Packaging industry	Enclosure attachment	Welded-on mounting foot with 8-mm holes
Flange plate	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
Max. payload	15.75 kg	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 <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		

## Classifications

ETIM 6.0	EC000261	ETIM 7.0	EC000261
ETIM 8.0	EC000261	ETIM 9.0	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
ECLASS 12.0	27-18-01-01	ECLASS 13.0	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

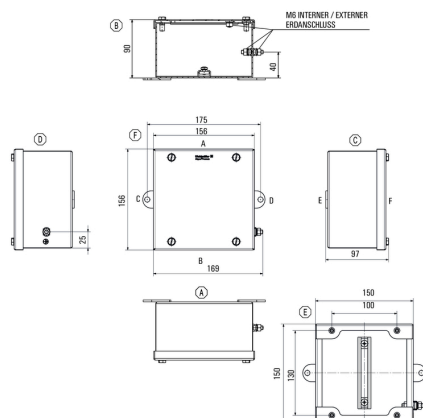
Approval/Certificate/Document of Conformity	<a href="#">08_20032</a> <a href="#">MPA NRW Certificate - fire rated assembled boxes acc. to DIN 4102-12</a> <a href="#">EU Declaration of Conformity - KlippON STB Empty Enclosures IND - DoC DE PS2620 160412 002ISS02</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Tender specification	<a href="#">KlippON STB 2 MS HT_1024990000_DE</a> <a href="#">KlippON STB 2 MS HT_1024990000_EN</a>
User Documentation	<a href="#">Assembly guidelines - empty enclosures</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">MB KLIPPON ENCL.TECN EN</a> <a href="#">FL KLIPPON STB EN</a> <a href="#">FL SHIPBUILDING 2016 EN</a> <a href="#">FL SHIPBUILDING 2016 EN</a>

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[www.weidmueller.com](http://www.weidmueller.com)**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.	<a href="#">0433500000</a>	Klippon STB (Small Terminal Box), Fixing nut, Square, Height: 15
GTIN (EAN)	4008190494520	mm, Width: 15 mm, Depth: 11.7 mm, Material: Steel, galvanised,
Qty.	20 pc(s).	galvanized, silver
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 pc(s).	
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 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.	<a href="#">2475490000</a>	Klippon TB (Terminal Box), Grounding strap, Sscrewed, Material: Steel,
GTIN (EAN)	4050118487206	Green/yellow
Qty.	1 pc(s).	

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[www.weidmueller.com](http://www.weidmueller.com)**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 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 pc(s).	
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 pc(s).	