

## 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**

|  |      |   |      |
|--|------|---|------|
| Number of DIN rails and terminals (10 mm <sup>2</sup> , vertical)  | 1x11 | Number of DIN rails and terminals (16 mm <sup>2</sup> , vertical) | 1x9  |
| Number of DIN rails and terminals (2.5 mm <sup>2</sup> , vertical) | 1x23 | Number of DIN rails and terminals (4 mm <sup>2</sup> , vertical)  | 1x19 |
| Number of DIN rails and terminals (6 mm <sup>2</sup> , vertical)   | 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")

**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 |             |             |

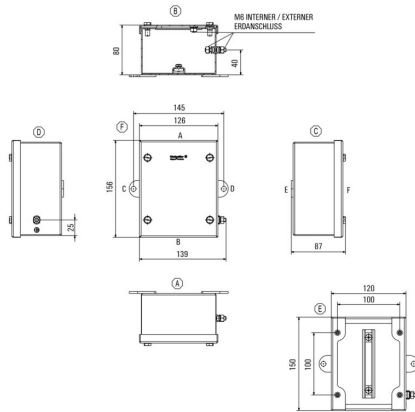
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**Drawings**

[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, 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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## 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

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 1.1 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                      |   |