

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

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Similar to illustration**

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).   |

## KLIPPON STB 2 MS HT

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## 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 |
|-----------------------|-----------------|

## 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                        | Certificate No. (LLOYDSREG) | LR23307703TA |
| Declaration of Conformity No. (DoC LVD) | DE PS2620 160412 002ISS01 |                             |              |

## 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  |                                 |   |

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

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**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") |
|---------------------|---|

**Approvals**

Approvals



|      |         |
|------|---------|
| ROHS | Conform |
|------|---------|

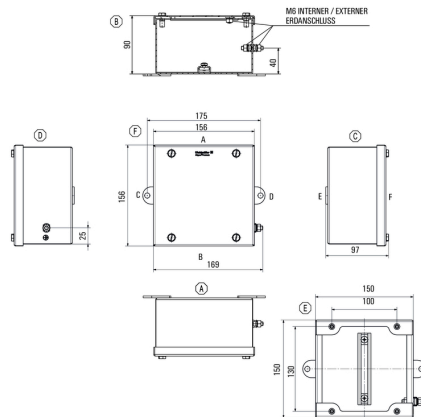
**Downloads**

|   |   |
|---|---|
| Approval/Certificate/Document of Conformity | <a href="#">08_20032</a><br><a href="#">MPA NRW Certificate - fire rated assembled boxes acc. to DIN 4102-12</a><br><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><br><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><br><a href="#">FL KLIPPON STB EN</a><br><a href="#">FL SHIPBUILDING 2016 EN</a><br><a href="#">FL SHIPBUILDING 2016 EN</a>  |

**KLIPPON STB 2 MS HT**

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

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

**Drawings****Dimensioned drawing**

## KLIPPON STB 2 MS HT

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

## 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       | 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).                   |   |
| 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).                   |   |

### 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 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).                  |   |
| 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).                  |   |

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

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Accessories****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).                   |  |