

**KLIPPON STB 1 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 and Russian Maritime 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: 120 mm, Width: 120 mm, Depth: 80 mm, Material: Sheet steel, Powder-coated, Pebble grey |
| Order No.  | <a href="#">1024970000</a>                                                                                                                                               |
| Type       | KLIPPON STB 1 MS HT                                                                                                                                                      |
| GTIN (EAN) | 4032248745197                                                                                                                                                            |
| Qty.       | 1 pc(s).                                                                                                                                                                 |

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## Technical data

## Dimensions and weights

|                            |            |                 |            |
|----------------------------|------------|-----------------|------------|
| Depth                      | 80 mm      | Depth (inches)  | 3.15 inch  |
| Height                     | 120 mm     | Height (inches) | 4.724 inch |
| Mounting dimension - width | 145 mm     | Net weight      | 1,246 g    |
| Weight                     | 1,340 g    | Width           | 120 mm     |
| Width (inches)             | 4.724 inch |                 |            |

## Cable glands, left

|     |    |     |   |
|-----|----|-----|---|
| M12 | 10 | M16 | 6 |
| M20 | 6  | M25 | 3 |
| M32 | 2  | M40 | 2 |

## Cable glands, right

|     |   |     |   |
|-----|---|-----|---|
| M12 | 8 | M16 | 4 |
| M20 | 4 | M25 | 2 |
| M32 | 1 | M40 | 1 |

## Cable glands, top/bottom

|     |    |     |   |
|-----|----|-----|---|
| M12 | 10 | M16 | 6 |
| M20 | 6  | M25 | 3 |
| M32 | 2  | M40 | 2 |

## Certificate numbers enclosure

|                                        |                      |                                         |                                           |
|----------------------------------------|----------------------|-----------------------------------------|-------------------------------------------|
| Approval conditions                    | LR, EAC              | Certificate No. (EAC)                   | RUC-DE.BE02.B.00173                       |
| Certificate No. (LLOYDSREG)            | 08_20032             | Certificate no. Terminal Box (EAC)      | C-DE.AQ54.B.00251/19<br>Ind. Terminal Box |
| Certificate no., empty enclosure (EAC) | C-DE.HB07.B.00089/20 | Declaration of Conformity No. (DoC LVD) | DE PS2620 160412<br>002ISS01              |

## General information

|                             |                                                                          |                                 |                                         |
|-----------------------------|--------------------------------------------------------------------------|---------------------------------|-----------------------------------------|
| Access opening: height      | 100 mm                                                                   | Access opening: width           | 102 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          | 1.5 mm                                                                   | Material thickness of enclosure | 1.5 mm                                  |
| Operating temperature, max. | 120 °C                                                                   | Operating temperature, min.     | -60 °C                                  |
| Protection degree           | IP66                                                                     | Seal material                   | Silicone                                |
| Surface finish              | Powder-coated                                                            |                                 |                                         |

## Housing earth

|                            |                                         |
|----------------------------|-----------------------------------------|
| Earth, enclosure, internal | Welded-on M6 x 16 stainless-steel bolts |
|----------------------------|-----------------------------------------|

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## Technical data

## 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 |                 |      |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000261    | ETIM 7.0    | 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 |

## Approvals

Approvals



ROHS

Conform

## Downloads

|                                             |                                                                                                                                                                                                                                              |
|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">C-DE.AJ54.B.00251.19 Ind. Terminal Box</a><br><a href="#">RUC-DE.BE02.B.00173</a><br><a href="#">08_20032</a><br><a href="#">EU Declaration of Conformity - Klippon STB Empty Enclosures IND - DoC DE PS2620 160412 002ISS01</a> |
| Engineering Data                            | <a href="#">STEP</a>                                                                                                                                                                                                                         |
| Engineering Data                            | <a href="#">EPLAN, WSCAD</a>                                                                                                                                                                                                                 |
| Tender specification                        | <a href="#">Klippon STB 1 MS HT_1024970000_DE</a><br><a href="#">Klippon STB 1 MS HT_1024970000_EN</a>                                                                                                                                       |
| User Documentation                          | <a href="#">Assembly guidelines - empty enclosures</a>                                                                                                                                                                                       |

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## Drawings

### Dimensioned drawing

