

KLIPPON STB 1.1 MS HT

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

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. | 1024980000 |
| 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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| 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 ² | 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 | | |

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

