

**Klippon STB (Small Terminal Box)**  
**KLIPPON STB 4 SS**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
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 www.weidmueller.com

**Product image**



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. EN62208 and EN60079-0/7 (ATEX).

- Mirror-polished or electropolished stainless steel 1.4404 (316L), 1.5 mm
- High-temperature-resistant seal as standard - extended temperature range of -60°C to +100°C for Ex application (+120°C only for industrial application)
- Approved according to ATEX, IECEx, cULus, Lloyds Register, Germanischer Lloyd, GL DNV and INMETRO
- 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**

|            |  |
|------------|--|
| Type       | KLIPPON STB 4 SS   |
| Order No.  | <a href="#">1002710000</a>   |
| Version    | Klippon STB (Small Terminal Box), Empty enclosure, stainless steel enclosure, Height: 250 mm, Width: 250 mm, Depth: 120 mm, Material: Stainless steel 1.4404 (316L), Mirror polished, silver |
| GTIN (EAN) | 4032248695645  |
| Qty.       | 1 Stück  |

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## Technische Daten

### Dimensions and weights

|                            |         |                 |            |
|----------------------------|---------|-----------------|------------|
| Width                      | 250 mm  | Width (inches)  | 9.842 inch |
| Height                     | 250 mm  | Height (inches) | 9.842 inch |
| Depth                      | 120 mm  | Depth (inches)  | 4.724 inch |
| Mounting dimension - width | 275 mm  | Weight          | 4.45 kg    |
| Net weight                 | 3,880 g |                 |            |

### Cable glands, left

|     |    |     |    |
|-----|----|-----|----|
| M12 | 24 | M16 | 21 |
| M20 | 12 | M25 | 10 |
| M32 | 8  | M40 | 3  |
| M50 | 3  | M63 | 1  |

### Cable glands, right

|     |    |     |    |
|-----|----|-----|----|
| M12 | 24 | M16 | 21 |
| M20 | 12 | M25 | 10 |
| M32 | 8  | M40 | 3  |
| M50 | 2  | M63 | 1  |

### Cable glands, top/bottom

|     |    |     |    |
|-----|----|-----|----|
| M12 | 24 | M16 | 21 |
| M20 | 12 | M25 | 10 |
| M32 | 8  | M40 | 3  |
| M50 | 3  | M63 | 2  |

### Certificate numbers enclosure

|   |                      |  |                      |
|---|----------------------|--|----------------------|
| Certificate no. assembled enclosure (ATEX)    | IBExU07ATEX1148      | Certificate no. empty enclosure (ATEX)       | IBExU 07ATEX1147U    |
| Certificate no. assembled enclosure (IECEX)   | IECEX IBE 09.0019    | Certificate no. empty enclosure (IECEX)      | IECEX IBE 09.0018U   |
| Certificate no., assembled enclosure (EAC)    | RU C-DE.ГБ08.В.01328 | Certificate no., empty enclosure (EAC)       | RU C-DE.ГБ08.В.00472 |
| Certificate no. assembled enclosure (INMETRO) | IEx 13.0003          | Certificate no. empty enclosure (INMETRO)    | IEx 13.0002U         |
| Certificate no. assembled enclosure (AEx)     | E223792              | Certificate no., assembled enclosure (KOSHA) | 16-AV4BO-0247X       |
| Certificate No. (GERMLLOYD)                   | 59358-08             | Certificate No. (MARITREG)                   | 15.40041.250         |
| Certificate no. (cULus)                       | E256877              |  |                      |

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**Technische Daten**

**General information**

|                                 |   |                             |   |
|---------------------------------|---|-----------------------------|---|
| Areas of use                    | Explosive risk zone, Packaging industry, Transportation, Process industry, Marine engineering | Material thickness          | 1.5 mm                                  |
| Material thickness of enclosure | 1.5 mm  | Torque for lid screws       | 2.5 Nm                                  |
| Material                        | Stainless steel 1.4404 (316L)   | Seal material               | Silicone                                |
| Surface finish                  | Mirror polished   | Operating temperature, min. | -60 °C                                  |
| Operating temperature, max.     | 100 °C  | Impact resistance           | 10 J version standard, 7 J ATEX version |
| Protection degree               | IP66  | Enclosure attachment        | Welded-on mounting foot with 8-mm holes |
| Lid attachment                  | M5 hexagonal screw with slot and 10mm distance across flats                                   | Integral fixing             | TAS 20 rail welded to floor             |

**horizontal assembly**

|                             |      |                 |      |
|-----------------------------|------|-----------------|------|
| WDU 10 / ZDU 10             | 2x22 | WDU 16 / ZDU 16 | 2x18 |
| WDU 2,5 / ZDU 2,5 / IDU 2,5 | 2x42 | WDU 4 / ZDU 4   | 2x35 |
| WDU 6 / ZDU 6               | 2x27 |                 |      |

**vertical assembly**

|                             |      |                 |      |
|-----------------------------|------|-----------------|------|
| WDU 10 / ZDU 10             | 2x22 | WDU 16 / ZDU 16 | 2x18 |
| WDU 2,5 / ZDU 2,5 / IDU 2,5 | 2x42 | WDU 4 / ZDU 4   | 2x35 |
| WDU 6 / ZDU 6               | 2x27 |                 |      |

**Classifications**

|             |             |            |             |
|-------------|-------------|------------|-------------|
| ETIM 6.0    | EC002503    | ETIM 7.0   | EC002503    |
| eClass 9.0  | 27-18-05-02 | eClass 9.1 | 27-18-05-02 |
| eClass 10.0 | 27-18-05-02 |            |             |

**Product information**

Product information the ambient temperature for the assembly will be reduced to +60°C and the surface temperature to +100°C.

**Approvals**

Approvals



ROHS Conform

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## Technische Daten

### Downloads

|   |  |
|---|--|
| Approval/Certificate/Document of Conformity | <a href="#">Attestation of Conformity - Klippon STB Empty Enclosures - AoC DE PS2620 160308 001ISS01</a><br><a href="#">EU Declaration of Conformity - Klippon STB Empty Enclosures Ex - DoC DE PS2620 160412 001ISS01</a>                 |
| Brochure/Catalogue                          | <a href="#">MB OVERV. PROCESS WD DE</a><br><a href="#">MB KLIPPON ENCL.TECN EN</a><br><a href="#">MB PROCESS EN</a><br><a href="#">CAT 5 ENCL 17/18 EN</a><br><a href="#">FL KLIPPON STB EN</a><br><a href="#">FL SHIPBUILDING 2016 EN</a> |
| Engineering Data                            | <a href="#">EPLAN, WSCAD</a>   |
| Engineering Data                            | <a href="#">STEP</a>   |
| Tender specification                        | <a href="#">Klippon STB 4 SS_1002710000_DE</a><br><a href="#">Klippon STB 4 SS_1002710000_EN</a>   |
| User Documentation                          | <a href="#">MB KLIPPON ENCL.TECN DE</a><br><a href="#">Assembly guidelines - empty enclosures</a>  |

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**Zeichnungen**

**Dimensioned drawing**

