

**Klippon STB (Small Terminal Box)  
KLIPPON STB 6 SS**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
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**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 6 SS                                                                                                                                                                             |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Order No.  | <a href="#">1002760000</a>                                                                                                                                                                   |
| Version    | Klippon STB (Small Terminal Box), Empty enclosure, stainless steel enclosure, Height: 250 mm, Width: 400 mm, Depth: 130 mm, Material: Stainless steel 1.4404 (316L), Mirror polished, silver |
| GTIN (EAN) | 4032248695690                                                                                                                                                                                |
| Qty.       | 1 pc(s).                                                                                                                                                                                     |

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### Technical data

#### Dimensions and weights

|                            |        |                             |             |
|----------------------------|--------|-----------------------------|-------------|
| Width                      | 400 mm | Width (inches)              | 15.748 inch |
| Height                     | 250 mm | Height (inches)             | 9.842 inch  |
| Depth                      | 130 mm | Depth (inches)              | 5.118 inch  |
| Mounting dimension - width | 425 mm | Mounting dimension - height | 150 mm      |
| Weight                     | 6.9 kg | Net weight                  | 5,714 g     |

#### Cable glands, left

|     |    |     |    |
|-----|----|-----|----|
| M12 | 64 | M16 | 33 |
| M20 | 30 | M25 | 16 |
| M32 | 10 | M40 | 6  |
| M50 | 4  | M63 | 2  |

#### Cable glands, right

|     |    |     |    |
|-----|----|-----|----|
| M12 | 36 | M16 | 21 |
| M20 | 18 | M25 | 10 |
| M32 | 8  | M40 | 3  |
| M50 | 2  | M63 | 2  |

#### Cable glands, top/bottom

|     |    |     |    |
|-----|----|-----|----|
| M12 | 64 | M16 | 33 |
| M20 | 30 | M25 | 16 |
| M32 | 10 | M40 | 6  |
| M50 | 4  | M63 | 2  |

#### Certificate numbers enclosure

|                                        |                      |                                           |                      |
|----------------------------------------|----------------------|-------------------------------------------|----------------------|
| Certificate no. Terminal Box (ATEX)    | IBExU07ATEX1148      | Certificate no. empty enclosure (ATEX)    | IBExU 07ATEX1147U    |
| Certificate no. Terminal Box (IECEX)   | IECEX IBE 09.0019    | Certificate no. empty enclosure (IECEX)   | IECEX IBE 09.0018U   |
| Certificate no. Terminal Box (EAC)     | RU C-DE.ГБ08.В.01328 | Certificate no., empty enclosure (EAC)    | RU C-DE.ГБ08.В.00472 |
| Certificate no. Terminal Box (INMETRO) | IEEx 13.0003         | Certificate no. empty enclosure (INMETRO) | IEEx 13.0002U        |
| Certificate no. Terminal Box (AEx)     | E223792              | Certificate no. Terminal Box (KOSHA)      | 16-AV4BO-0247X       |
| Certificate no. (cULus)                | E256877              |                                           |                      |

#### General information

|                                 |                                                                                                           |                             |                                            |
|---------------------------------|-----------------------------------------------------------------------------------------------------------|-----------------------------|--------------------------------------------|
| Areas of use                    | Explosive risk zone,<br>Packaging industry,<br>Transportation, Process<br>industry, Marine<br>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<br>(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<br>ATEX version |
| Protection degree               | IP66                                                                                                      | Enclosure attachment        | Welded-on mounting foot<br>with 8-mm holes |
| Lid attachment                  | M5 hexagonal screw with<br>slot and 10mm distance<br>across flats                                         | Integral fixing             | TAS 20 rail welded to floor                |

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### horizontal assembly

|                             |      |                 |      |
|-----------------------------|------|-----------------|------|
| WDU 10 / ZDU 10             | 2x37 | WDU 16 / ZDU 16 | 2x30 |
| WDU 2,5 / ZDU 2,5 / IDU 2,5 | 2x72 | WDU 4 / ZDU 4   | 2x60 |
| WDU 6 / ZDU 6               | 2x46 |                 |      |

### vertical assembly

|                             |      |                 |      |
|-----------------------------|------|-----------------|------|
| WDU 10 / ZDU 10             | 3x22 | WDU 16 / ZDU 16 | 3x18 |
| WDU 2,5 / ZDU 2,5 / IDU 2,5 | 3x42 | WDU 4 / ZDU 4   | 3x35 |
| WDU 6 / ZDU 6               | 3x27 |                 |      |

### 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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### Downloads

|                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">Attestation of Conformity - Klippon STB Empty Enclosures - AoC DE PS2620 160308 001ISS01 RUC-DE.BE02.B.00173 08_20032</a><br><a href="#">IBEXU07ATEX1148</a><br><a href="#">IECEXIBE09.0018U</a><br><a href="#">IECEXIBE09.0019</a><br><a href="#">IEX13.0002U</a><br><a href="#">IEX13.0003</a><br><a href="#">15.40041.250</a><br><a href="#">16-AV4BO-247X</a><br><a href="#">59358-08</a><br><a href="#">IBEXU07ATEX1147U</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 6 SS_1002760000_DE</a><br><a href="#">Klippon STB 6 SS_1002760000_EN</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| User Documentation                          | <a href="#">Assembly guidelines - empty enclosures</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

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## Drawings

### Dimensioned drawing

