

**KLIPPON STB 1 SS**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-2083  
 www.weidmueller.com



Ideally suited for the energy and process industry and transportation, the Klippon® STB series is the perfect complement to our existing Klippon housing product line. Enclosures of this series comply with international standards such as EN 62208 and EN 60079-0/7 (ATEX).

Features:

- A standard seal that is resistant to high temperatures - extended temperature range of -50°C to +100°C (+120°C on request)
- Approved according to ATEX, IECEx, cULus, Lloyds Register, Germanischer Lloyd, GOST
- Flexible options when mounting the internal rail
- IP66 protection
- The seal is protected against compression; this ensures that a permanent and secure seal is maintained.
- Earth stud in housing cover and bottom section
- Lasered welding seams offer improved quality
- Delivered with welded-on mounting to ensure an optimal housing installation

Weidmüller can manufacture and supply this enclosure to match customer specifications, fitted with all necessary terminals and cable glands.

**General ordering data**

|                  |  |
|------------------|--|
| Order No.        | <a href="#">1002690000</a>                                       |
| Part designation | KLIPPON STB 1 SS   |
| Version          | Enclosures, 120 mm, 80 mm, 120 mm, Stainless steel 1.4404 (316L) |
| GTIN (EAN)       | 4032248695317  |
| Qty.             | 1 pc(s).   |

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**Technical data**

**Dimensions**

|        |         |                         |        |
|--------|---------|-------------------------|--------|
| Length | 80 mm   | Width                   | 120 mm |
| Height | 120 mm  | Fixing dimension, width | 145 mm |
| Weight | 1.34 kg |                         |        |

**General information**

|                         |   |                                 |  |
|-------------------------|---|---------------------------------|--|
| Fixing dimension, width | 145 mm                                  | Material                        | Stainless steel 1.4404 (316L)                                    |
| Surface                 | Mirror polished                         | Cover fixing                    | M5 hexagon stainless-steel slotted screw with 10mm spanner width |
| Enclosure fixing        | Welded-on mounting foot with 8-mm holes | Integral fixing                 | TAS 20 rail welded to floor                                      |
| Material                | Stainless steel 1.4404 (316L)           | Material thickness of enclosure | 1.5 mm   |
| Resistance to shocks    | 10 J version standard 7 J ATEX version  | Sealing material                | Silicone   |
| Surface                 | Mirror polished                         |                                 |  |

**Cable glands top/bottom**

|      |    |      |   |
|------|----|------|---|
| M 12 | 10 | M 16 | 6 |
| M 40 | 2  | M20  | 6 |
| M25  | 3  | M32  | 2 |

**cable glands, left**

|          |    |          |   |
|----------|----|----------|---|
| M 12 (3) | 10 | M 16 (3) | 6 |
| M 20 (3) | 6  | M 25 (3) | 3 |
| M 32 (3) | 2  | M 40 (3) | 2 |

**cable glands, right**

|          |   |          |   |
|----------|---|----------|---|
| M 12 (2) | 8 | M 16 (2) | 4 |
| M 20 (2) | 4 | M 25 (2) | 2 |
| M 32 (2) | 1 | M 40 (2) | 1 |

**horizontal assembly**

|                             |      |
|-----------------------------|------|
| WDU 2,5 / ZDU 2,5 / IDU 2,5 | 1x17 |
|-----------------------------|------|

**vertical assembly**

|                                 |    |                     |    |
|---------------------------------|----|---------------------|----|
| WDU 10 / ZDU 10 (2)             | 8  | WDU 16 / ZDU 16 (2) | 7  |
| WDU 2,5 / ZDU 2,5 / IDU 2,5 (2) | 17 | WDU 4 / ZDU 4 (2)   | 14 |
| WDU 6 / ZDU 6 (2)               | 11 |                     |    |

**Approvals**

|                      |  |
|----------------------|--|
| Approvals institutes | CULUS; GERMLLOYD;<br>GOSTME25; IBEXUATEX;<br>IECEXIBE; LLOYDSREG |
|----------------------|--|

**Classifications**

|            |             |
|------------|-------------|
| eClass 6.0 | 27-14-91-07 |
|------------|-------------|