For many decades the name Klippon® has been synonymous for competence and quality in our proven supply of enclosures and customer solutions for standard industrial and hazardous environment applications. This philosophy continues with our Klippon® STB range of stainless steel enclosures.

Ideally suited to the transportation, energy and process industries; the Klippon® STB is a natural compliment to our existing Klippon® enclosures product portfolio.

The enclosures are approved to international standards e.g. EN 62208 and EN 60079-0/7 (ATEX)

Some of the many advantages of these enclosures are:

- High temperature silicone gasket fitted as standard (improved temperature range -50 °C to +120 °C)
- Flexible internal terminal rail mounting options
- Gasket compression control ensuring gasket lifetime performance is not compromised
- Earth stud fitted to body and lid
- Laser welding for quality finish and results
- Mounting lugs pre-fitted and ensure secure product mounting
Improved product features – to meet your demands

1. Flexible internal mounting options
   C-Profile (TAS 20) rail fitted as standard with M5 sliding fixing nuts included to ensure stability of rail assembly and to help provide the maximum possible internal working area.

2. High temperature gasket
   A high temperature silicone gasket offers enhanced product performance in extreme temperature conditions (−50 °C to +120 °C).

3. Gasket compression control
   Guarantees Ingress Protection (IP) performance and ensures that the gasket is not compromised during use.

4. Earth stud fitted inside lid
   Provides earthing of hazardous potential of the removable lid as required by the latest industrial and ATEX standards.

5. Mounting lugs
   Mounting lugs are pre-fitted as standard and are designed to be secure in operation (vibration and shock tested).

6. Internal/External Earth Stud
   No ingress path and eliminates any potential for IP failure in the field through the earth stud.

7. Laser welding for quality results
   Provides consistent IP protection and maintains a quality finish.

8. International approvals
   Approved for use within hazardous areas (including Ex e - increased safety) applications.
Klippon® STB 1
Steel Enclosures for use in Industrial and Hazardous Area Applications

Dimensions
- Height x Width x Depth: 120 x 120 x 80
- Weight: 1.34 kg

Technical Data
- Enclosure Material: Stainless Steel 1.4404(316L) 1.50mm
- Ingress Protection: IP66
- Earthing: Body-Internal/External M6 Stainless Steel
- Lid - M6 x 12 Stainless Steel
- Internal Mounting: via C-Profile welded
- External Mounting: 2 External lugs with 8 mm holes
- Lid Opening: Fully detachable lid with 4 x M5 Bolts
- Impact Resistance: 7J ATEX
- Gasket Material: Silicone –50 °C to +120 °C
- Approvals for Empty Enclosure:
  - ATEX Certification: ILExU 07ATEX1147 U
  - ATEX Marking: Ex e II G Ex d II
- Approvals for Control and Distribution Box:
  - ATEX Certification: ILExU 07ATEX1148
  - ATEX Marking: Ex e II G Ex ia IIC Tx Ex tD A21 IP6x Tx

Elevations
- Front View
- Front View – Lid Removed
- Side View

Ordering Data Enclosures

<table>
<thead>
<tr>
<th>Description</th>
<th>Finish</th>
<th>Part Number</th>
</tr>
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<tbody>
<tr>
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<tr>
<td>KLIPPON STB 1 SS E</td>
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<table>
<thead>
<tr>
<th>Number of Cable Entries</th>
<th>A/B</th>
<th>C</th>
<th>D</th>
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<tbody>
<tr>
<td>Max number of cable entries per enclosure side**</td>
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<td>10</td>
<td>8</td>
</tr>
<tr>
<td>M12</td>
<td>6</td>
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<td>4</td>
</tr>
<tr>
<td>M16</td>
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</tr>
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<td>M40</td>
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<td>M63</td>
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<table>
<thead>
<tr>
<th>Max Number of Terminals (Industrial)</th>
<th>W series V</th>
<th>Vertical Z series H</th>
<th>SAK series V</th>
<th>W series V</th>
<th>Horizontal Z series H</th>
<th>SAK series V</th>
</tr>
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<tbody>
<tr>
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Ordering Data Accessories

Sliding Fixing Nuts
- SRN35 WMU MS SW16
- Part Number: 0433500000
- Notes: Each enclosure is supplied with a set of sliding nuts + washers + screws M5, to fix the mounting rail TS 35 or 32 onto the C-Profile

Comments: ** Cable entries based on Weidmüller’s standard IP68 cable glands
- For specific hazardous area requirements please contact Weidmüller for a copy of the full certificate
Klippon® STB 1.1

Steel Enclosures for use in Industrial and Hazardous Area Applications

Dimensions

<table>
<thead>
<tr>
<th>Height x Width x Depth mm</th>
<th>Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>150 x 120 x 80</td>
<td>1.38</td>
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Technical Data

Approval for Empty Enclosure:
- ATEX Certification: IBEExu 07ATEX1147 U
- ATEX Marking: Ex d IIC T6 Gb IP66

Materials for Empty Enclosure:
- Enclosure Material: Stainless Steel 1.4404 (316L) 1.50mm
- Ingress Protection: IP66
- Earthing: Body - Internal/External M6 Stainless Steel
- Lid - M6 x 12 Stainless Steel
- Internal Mounting: via C-Profile welded
- External Mounting: 2 External lugs with 8 mm holes
- Lid Opening: Fully detachable lid with 4 x M5 Bolts
- Impact Resistance: 7J ATEX
- Gasket Material: Silicone -50 °C to +120 °C

Approvals for Control and Distribution Box:
- ATEX Certification: IBEExu 07ATEX1148
- ATEX Marking: Ex d IIC T6 Gb IP66

Approvals for Control and Distribution Box:
- ATEX Certification: IBEExu 07ATEX1148
- ATEX Marking: Ex d IIC T6 Gb IP66

External Mounting:
- 2 External lugs with 8 mm holes

Technical Data

Materials for Enclosure:
- Enclosure Material: Stainless Steel 1.4404 (316L) 1.50mm
- Earthing: Body - Internal/External M6 Stainless Steel
- Lid - M6 x 12 Stainless Steel

Technical Data

Enclosure Material:
- Stainless Steel 1.4404 (316L) 1.50mm
- Approvals for Empty Enclosure:
- ATEX Certification: IBEExu 07ATEX1147 U
- ATEX Marking: Ex d IIC T6 Gb IP66

Earthing:
- Body - Internal/External M6 Stainless Steel
- Lid - M6 x 12 Stainless Steel

Gasket Material:
- Silicone -50 °C to +120 °C

Technical Data

Approvals for Empty Enclosure:
- ATEX Certification: IBEExu 07ATEX1147 U
- ATEX Marking: Ex d IIC T6 Gb IP66

Technical Data

Approvals for Control and Distribution Box:
- ATEX Certification: IBEExu 07ATEX1148
- ATEX Marking: Ex d IIC T6 Gb IP66

Approvals for Control and Distribution Box:
- ATEX Certification: IBEExu 07ATEX1148
- ATEX Marking: Ex d IIC T6 Gb IP66

Elevations

Front View

Front View – Lid Removed

Side View

Ordering Data Enclosures

<table>
<thead>
<tr>
<th>Description</th>
<th>Finish</th>
<th>Part Number</th>
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<tbody>
<tr>
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<tr>
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Number of Cable Entries

<table>
<thead>
<tr>
<th>Number of Cable Entries</th>
<th>A/B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>M12</td>
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<tr>
<td>M63</td>
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Max Number of Terminals (Industrial)

<table>
<thead>
<tr>
<th>Max Number of Terminals (Industrial)</th>
<th>W series V</th>
<th>Vertical Z series H</th>
<th>SAK series V</th>
<th>W series V</th>
<th>Horizontal Z series H</th>
<th>SAK series V</th>
</tr>
</thead>
<tbody>
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Ordering Data Accessories

Sliding Fixing Nuts

<table>
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<tr>
<th>Sliding Fixing Nuts</th>
<th>Part Number</th>
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</thead>
<tbody>
<tr>
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</table>

**Notes:** Each enclosure is supplied with a set of sliding nuts + washer + screws M5, to fix the mounting rail TS 35 or 52 onto the C-Profile

**Comments:**
- Cable entries based on Weidmüller’s standard IP68 cable glands
- For specific hazardous area requirements please contact Weidmüller for a copy of the full certificate
Klippon® STB – Stainless Steel Enclosures

Klippon® STB 2
Steel Enclosures for use in Industrial and Hazardous Area Applications

Dimensions

<table>
<thead>
<tr>
<th>Height x Width x Depth (mm)</th>
<th>Weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>150 x 150 x 90</td>
<td>1.63</td>
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</table>

Technical Data

- **Enclosure Material:** Stainless Steel 1.4404(316L) 1.50mm
- **Ingress Protection:** IP66
- **Earthing:** Body-Internal/External M6 Stainless Steel
- **Internal Mounting:** via C-Profile welded
- **External Mounting:** 2 External lugs with 8 mm holes
- **Lid Opening:** Fully detachable lid with 4 x M5 Bolts
- **Impact Resistance:** 7J ATEX
- **Gasket Material:** Silicone -50 °C to +120 °C
- **Approvals for Empty Enclosure:**
  - IExU 07ATEX1147 U
  - E 256677
  - Lloyds Register: 08/20032
  - Germanischer Lloyd: 5959805B-HH
  - Approvals for Control and Distribution Box:
  - ATEX Certification:
    - IExU 07ATEX1148
    - ATEX Marking:
      - E 256677
      - L-lab: 08/20032
- **Technical Data:**
  - **Enclosure Material:** Stainless Steel 1.4404(316L) 1.50mm
  - **Approvals for Empty Enclosure:**
    - IExU 07ATEX1147 U
  - **Approvals for Control and Distribution Box:**
    - ATEX Certification:
      - IExU 07ATEX1148
      - ATEX Marking:
        - E 256677
  - **Earthing:**
    - Body-Internal/External M6 Stainless Steel
  - **Gasket Material:** Silicone -50 °C to +120 °C
  - **Impact Resistance:** 7J ATEX
  - **Technical Data:**
    - **Enclosure Material:** Stainless Steel 1.4404(316L) 1.50mm
    - **Approvals for Empty Enclosure:**
      - IExU 07ATEX1147 U
    - **Approvals for Control and Distribution Box:**
      - ATEX Certification:
        - IExU 07ATEX1148
      - ATEX Marking:
        - E 256677
    - **Earthing:**
      - Body-Internal/External M6 Stainless Steel
    - **Gasket Material:** Silicone -50 °C to +120 °C
    - **Impact Resistance:** 7J ATEX

Elevations

- **Description:** Front View
- **Description:** Front View – Lid Removed
- **Description:** Side View

Ordering Data Enclosures

<table>
<thead>
<tr>
<th>Description</th>
<th>Finish</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
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</tr>
<tr>
<td>KLIPPON STB 2 SS E</td>
<td>Electropolished</td>
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Ordering Data Accessories

<table>
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<th>Sliding Fixing Nuts</th>
<th>Part Number</th>
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</thead>
<tbody>
<tr>
<td>SFNS5 VKMU M5 SW16</td>
<td>0433500000</td>
</tr>
</tbody>
</table>

Notes:
- Each enclosure is supplied with a set of sliding nuts + washer+ screws M5, to fix the mounting rail TS 35 or 32 onto the C-Profile.
- For specific hazardous area requirements please contact Weidmüller for a copy of the full certificate.

Comments:
- Cable entries based on Weidmüller's standard IP68 cable glands.
- **Max Number of Terminals (Industrial)**
  - **Max Number of Terminals per enclosure side**
    - M12: 15
    - M16: 10
    - M20: 8
    - M25: 3
    - M40: 2
    - M63: -
  - **Max Number of Terminals for Industrial**
    - **Max Number of Channels per enclosure side**
      - M12: 15
      - M16: 10
      - M20: 8
      - M25: 3
      - M40: 2
      - M63: -
    - **Max Number of Terminals per enclosure side**
      - WDU 2.5: 23
      - WDU 4: 19
      - WDU 6: 14
      - WDU 10: 11
      - WDU 16N: 9
      - ZDU 2.5: 23
      - ZDU 4: 19
      - ZDU 6: 14
      - ZDU 10: 11
      - ZDU 16: 9
      - SAK 2.5: 19
      - SAK 4: 18
      - SAK 6: 14
      - SAK 10: 11
      - SAK 16: 9
      - SAK series V: 19
      - Horizontal Z series H: 18
      - Vertical W series: 14
      - Vertical Z series H: 14
      - Horizontal SAK series V: 11
      - Vertical SAK series V: 11
      - SAK series V: 9
Klippon® STB – Stainless Steel Enclosures

Klippon® STB 2.1
Steel Enclosures for use in Industrial and Hazardous Area Applications

Dimensions

<table>
<thead>
<tr>
<th>Height × Width × Depth mm</th>
<th>Weight kg</th>
</tr>
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<tbody>
<tr>
<td>190 × 150 × 90</td>
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Technical Data

<table>
<thead>
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<th>Enclosure Material:</th>
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<tbody>
<tr>
<td>Ingress Protection:</td>
<td>IP66</td>
</tr>
<tr>
<td>Earthing:</td>
<td>Body-Internal/External M6 Stainless Steel</td>
</tr>
<tr>
<td>Lid:</td>
<td>M6 x 12 Stainless Steel</td>
</tr>
<tr>
<td>Internal Mounting:</td>
<td>via C-Profile welded</td>
</tr>
<tr>
<td>External Mounting:</td>
<td>2 External lugs with 8 mm holes</td>
</tr>
<tr>
<td>Lid Opening:</td>
<td>Fully detachable lid with 4 x M5 Bolts</td>
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<tr>
<td>Impact Resistance:</td>
<td>7J ATEX</td>
</tr>
</tbody>
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Approvals for Empty Enclosure:
- ATEX Certification: IBExU 07ATEX1147 U
- ATEX Marking: II 2 G Ex e II
- cULus: E 25677
- Lloyd’s Register: 08/20032
- Germanischer Lloyd: 5939938 HH
- ATEX Marking: T II 2 GD Ex e II Tx Ex tD A21 IP66
- ATEX Marking: T II 2 GD Ex ia IIC Tx Ex tD A21 IP6x Tx
- ATEX Marking: T II 2(1) GD Ex ia IIC Tx Ex tD A21 IP6x Tx

Earthing:
- Body-Internal/External M6 Stainless Steel
  - 10J industry standard
- Lid - M6 x 12 Stainless Steel
  - T II 2 D Ex tD A21 IP66

Gasket Material:
- Silicone -50 °C to +120 °C
- Gasket compression control in accordance with manufacturers recommendation

Gost: POCC DE.ME25.B01450

Elevations

Front View

Front View – Lid Removed

Side View

Ordering Data Enclosures

<table>
<thead>
<tr>
<th>Description</th>
<th>Finish</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>KLIPPON STB 2.1 SS</td>
<td>Polished Sheet</td>
<td>1002730000</td>
</tr>
<tr>
<td>KLIPPON STB 2.1 SS E</td>
<td>Electropolished</td>
<td>1058840000</td>
</tr>
</tbody>
</table>

Number of Cable Entries

Max number of cable entries per enclosure side**

<table>
<thead>
<tr>
<th>M12</th>
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<th>18</th>
</tr>
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<tbody>
<tr>
<td>M16</td>
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<td>12</td>
<td>10</td>
</tr>
<tr>
<td>M20</td>
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</tr>
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Max Number of Terminals (Industrial)

<table>
<thead>
<tr>
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<th>ZDU 2.5</th>
<th>SAK 2.5</th>
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</table>

<table>
<thead>
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<th>SAK 4</th>
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<table>
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<tbody>
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<table>
<thead>
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<th>ZDU 16</th>
<th>SAK 16</th>
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</tbody>
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Ordering Data Accessories

<table>
<thead>
<tr>
<th>Sliding Fixing Nuts</th>
<th>Part Number</th>
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<tr>
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</table>

Notes: Each enclosure is supplied with a set of sliding nuts + washer+ screws M5, to fix the mounting rail TS 35 or 35 onto the C-Profile

Comments: ** Cable entries based on Weidmüller’s standard IP68 cable glands
- For specific hazardous area requirements please contact Weidmüller for a copy of the full certificate
Klippon® STB 3
Steel Enclosures for use in Industrial and Hazardous Area Applications

Dimensions

<table>
<thead>
<tr>
<th>Height x Width x Depth (mm)</th>
<th>Weight (kg)</th>
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<tbody>
<tr>
<td>190 x 190 x 100</td>
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Technical Data

- **Enclosure Material:** Stainless Steel 1.4404(316L) 1.50mm
- **Ingress Protection:** IP66
- **Earthing:** Body-Internal/External M6 Stainless Steel Lid - M6 x 12 Stainless Steel
- **Internal Mounting:** via C-Profile welded
- **External Mounting:** 2 External lugs with 8 mm holes
- **Lid Opening:** Fully detachable lid with 4 x M5 Bolts
- **Impact Resistance:** 7J ATEX
- **Gasket Material:** Silicone -50 °C to +120 °C
- **Technical Data:**
  - **Approvals for Empty Enclosure:**
    - ATEX Certification: IIBExU 07ATEX1147 U
    - ATEX Marking: II 2 G Ex e II
  - **Approvals for Control and Distribution Box:**
    - ATEX Certification: IIBExU 07ATEX1148
    - ATEX Marking: II 2 GD Ex II TX Ex IIC Ex tD A21 IP6x
- **Earthing:** Body-Internal/External M6 Stainless Steel
- **ATEX Marking:** TII 2 GD Ex e II TX Ex tD A21 IP6x
- **Germanischer Lloyd:** 5935808 HH
- **Lloyds Register:** 08/20032
- **Internal Mounting:** via C-Profile welded
- **External Mounting:** 2 External lugs with 8 mm holes
- **Lid Opening:** Fully detachable lid with 4 x M5 Bolts
- **Impact Resistance:** 7J ATEX
- **Gasket Material:** Silicon -50 °C to +120 °C
- **Technical Data:**
  - **Approvals for Empty Enclosure:**
    - ATEX Certification: IIBExU 07ATEX1147 U
    - ATEX Marking: II 2 G Ex e II
  - **Approvals for Control and Distribution Box:**
    - ATEX Certification: IIBExU 07ATEX1148
    - ATEX Marking: II 2 GD Ex II TX Ex IIC Ex tD A21 IP6x
- **Earthing:** Body-Internal/External M6 Stainless Steel
- **ATEX Marking:** TII 2 GD Ex II TX Ex IIC Ex tD A21 IP6x
- **Germanischer Lloyd:** 5935808 HH
- **Lloyds Register:** 08/20032
- **Internal Mounting:** via C-Profile welded
- **External Mounting:** 2 External lugs with 8 mm holes
- **Lid Opening:** Fully detachable lid with 4 x M5 Bolts
- **Impact Resistance:** 7J ATEX
- **Gasket Material:** Silicon -50 °C to +120 °C
- **Technical Data:**
  - **Approvals for Empty Enclosure:**
    - ATEX Certification: IIBExU 07ATEX1147 U
    - ATEX Marking: II 2 G Ex e II
  - **Approvals for Control and Distribution Box:**
    - ATEX Certification: IIBExU 07ATEX1148
    - ATEX Marking: II 2 GD Ex II TX Ex IIC Ex tD A21 IP6x
- **Earthing:** Body-Internal/External M6 Stainless Steel
- **ATEX Marking:** TII 2 GD Ex II TX Ex IIC Ex tD A21 IP6x
- **Germanischer Lloyd:** 5935808 HH
- **Lloyds Register:** 08/20032

Elevations

Front View

Front View – Lid Removed

Side View

Ordering Data Enclosures

<table>
<thead>
<tr>
<th>Description</th>
<th>Finish</th>
<th>Part Number</th>
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<tbody>
<tr>
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<tr>
<td>KLIPPON STB 3 SS E</td>
<td>Electropolished</td>
<td>1058850000</td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th>Number of Cable Entries</th>
<th>A/B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
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<td>21</td>
<td>21</td>
</tr>
<tr>
<td>M16</td>
<td>15</td>
<td>15</td>
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</tr>
<tr>
<td>M20</td>
<td>10</td>
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<td>8</td>
</tr>
<tr>
<td>M25</td>
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<td>8</td>
<td>6</td>
</tr>
<tr>
<td>M32</td>
<td>3</td>
<td>3</td>
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<tr>
<td>M40</td>
<td>3</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>M50</td>
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<td>1</td>
</tr>
<tr>
<td>M63</td>
<td>1</td>
<td>1</td>
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Ordering Data Accessories

<table>
<thead>
<tr>
<th>Sliding Fixing Nuts</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>SFNS5 VKMU M5 SW16</td>
<td>0433500000</td>
</tr>
</tbody>
</table>

**Notes:**
- Each enclosure is supplied with a set of sliding nuts + washer + screws M5, to fix the mounting rail TS 35 or 32 onto the C-Profile
- *For specific hazardous area requirements please contact Weidmüller for a copy of the full certificate*
**Klippon® STB – Stainless Steel Enclosures**

**Klippon® STB 4**
Steel Enclosures for use in Industrial and Hazardous Area Applications

### Dimensions

<table>
<thead>
<tr>
<th>Height x Width x Depth mm</th>
<th>250 x 250 x 120</th>
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</thead>
<tbody>
<tr>
<td>Weight kg</td>
<td>4.45</td>
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### Technical Data

- **Enclosure Material**: Stainless Steel 1.4404(316L) 1.50mm
- **Ingress Protection**: IP66
- **Earthing**: Body-Internal/External M6 Stainless Steel
- **Lid - M6 x 12 Stainless Steel**
- **Internal Mounting**: via C-Profile welded
- **External Mounting**: 2 External lugs with 8 mm holes
- **Lid Opening**: Fully detachable lid with 4 x M5 Bolts
- **Impact Resistance**: 7J ATEX
- **Gasket Material**: Silicone -50 °C to +120 °C

### Approvals

- **Empty Enclosure**:
  - ATEX Certification: IIBExU 07ATEX1147 U
  - ATEX Marking: E II D Ex d IIA Gb IP66
  - Lloyds Register: 08/20032
  - Germanischer Lloyd: 5935808 HH
  - Approvals for Empty Enclosure:
  - E II 2 GD Ex e II Tx Ex d IIA Gb IP66
  - E II 1 GD Ex ia IIC Tx Ex d IIA Gb IP66
  - E II 2(1) GD Ex [ia] IIC Tx Ex d IIA Gb IP66

- **Control and Distribution Box**:
  - Approvals for Control and Distribution Box:
  - ATEX Certification: IIBExU 07ATEX1148
  - ATEX Marking: E II 2 GD Ex e II Tx Ex d IIA Gb IP66
  - E II 1 GD Ex ia IIC Tx Ex d IIA Gb IP66
  - E II 2(1) GD Ex [ia] IIC Tx Ex d IIA Gb IP66

- **Technical Data**
  - **Enclosure Material**: Stainless Steel 1.4404(316L) 1.50mm
  - **Approvals for Empty Enclosure**: IIBExU 07ATEX1147 U
  - **ATEX Marking**: E II D Ex d IIA Gb IP66
  - **Earthing**: Body-Internal/External M6 Stainless Steel
  - **Loyds Register**: 08/20032
  - **Germanischer Lloyd**: 5935808 HH
  - **Approvals for Empty Enclosure**: E II 2 GD Ex e II Tx Ex d IIA Gb IP66
  - **ATEX Marking**: E II 1 GD Ex ia IIC Tx Ex d IIA Gb IP66
  - **E II 2(1) GD Ex [ia] IIC Tx Ex d IIA Gb IP66

### Ordering Data Enclosures

<table>
<thead>
<tr>
<th>Description</th>
<th>Finish</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
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<td>Polished Sheet</td>
<td>1002710000</td>
</tr>
<tr>
<td>KLIPPON STB 4 SS E</td>
<td>Electropolished</td>
<td>1068860000</td>
</tr>
</tbody>
</table>

- **Number of Cable Entries**
  - **A/B C D**
  - **M12** 32 32 32
  - **M16** 21 21 21
  - **M20** 12 12 12
  - **M25** 10 10 10
  - **M32** 8 8 8
  - **M40** 3 3 3
  - **M50** 2 3 2
  - **M63** 2 2 2

### Max Number of Terminals (Industrial)

<table>
<thead>
<tr>
<th>Max Number of Terminals (Industrial)</th>
<th>W series V</th>
<th>Vertical Z series H</th>
<th>SAK series V</th>
<th>W series V</th>
<th>Horizontal Z series H</th>
<th>SAK series V</th>
</tr>
</thead>
<tbody>
<tr>
<td>WDU 2,5</td>
<td>2 x 42</td>
<td>2 x 42</td>
<td>2 x 35</td>
<td>2 x 42</td>
<td>2 x 42</td>
<td>2 x 35</td>
</tr>
<tr>
<td>WDU 4</td>
<td>2 x 35</td>
<td>2 x 35</td>
<td>2 x 33</td>
<td>2 x 35</td>
<td>2 x 35</td>
<td>2 x 33</td>
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<tr>
<td>WDU 6</td>
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<td>2 x 27</td>
<td>2 x 27</td>
<td>2 x 27</td>
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<td>2 x 22</td>
<td>2 x 21</td>
<td>2 x 22</td>
<td>2 x 22</td>
<td>2 x 21</td>
</tr>
<tr>
<td>WDU 16N</td>
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<td>2 x 18</td>
<td>2 x 18</td>
<td>2 x 18</td>
<td>2 x 18</td>
<td>2 x 18</td>
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</table>

### Ordering Data Accessories

- **Sliding Fixing Nuts**
  - **Part Number**: 0433500000

### Notes:
- Each enclosure is supplied with a set of sliding nuts + washer+ screws M5, to fix the mounting rail TS 35 or 52 onto the C-Profile

**Comments:**
- Cable entries based on Weidmüller’s standard IP68 cable glands
- For specific hazardous area requirements please contact Weidmüller for a copy of the full certificate
Klippon® STB 5
Steel Enclosures for use in Industrial and Hazardous Area Applications

Dimensions

<table>
<thead>
<tr>
<th>Height x Width x Depth mm</th>
<th>Weight kg</th>
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<tbody>
<tr>
<td>160 x 380 x 120</td>
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Technical Data

- **Enclosure Material:** Stainless Steel 1.4404(316L) 1.50mm
- **Ingress Protection:** IP66
- **Earthing:** Body-Internal/External M6 Stainless Steel
  - Lid - M6 x 12 Stainless Steel
- **Internal Mounting:** via C-Profile welded
- **External Mounting:** 4 External lugs with 8 mm holes
- **Lid Opening:** Fully detachable lid with 4 x M5 Bolts
- **Impact Resistance:** 7J ATEX
  - 1G1 industry standard
- **Gasket Material:** Silicone -50 °C to +120 °C
  - Gasket compression control in accordance with manufacturer’s recommendation

Approvals for Empty Enclosure:
- **ATEX Certification:** IBEuU 07ATEX1147 U
- **ATEX Marking:** L II 2 G Ex e II
- **Lloyds Register:** 08/20023
- **Germanischer Lloyd:** 5935808 HH
- **Approval for Control and Distribution Box:**
  - **ATEX Certification:** IBEuU 07ATEX1148
  - **ATEX Marking:** L II 2 GD Ex e II Tx Ex tD A21 IP6x Tx
  - **ATEX Marking:** L II 1 GD Ex ia IIC Tx Ex tD A20 IP6x Tx
  - **ATEX Marking:** L II 2G GD Ex e [ia] IIC Tx Ex tD A21 IP6x Tx

Elevations

Front View  
Front View – Lid Removed  
Side View

Ordering Data Enclosures

<table>
<thead>
<tr>
<th>Description</th>
<th>Finish</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>KLIPPON STB 5 SS</td>
<td>Polished Sheet</td>
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</tr>
<tr>
<td>KLIPPON STB 5 SS E</td>
<td>Electropolished</td>
<td>1056880000</td>
</tr>
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</table>

- **Number of Cable Entries**
  - Max number of cable entries per enclosure side**
  - A/B  
    - M12: 64  
    - M16: 33  
    - M20: 16  
    - M25: 10  
    - M32: 6  
    - M40: 4  
    - M50: 2  
    - M63: 1

- **Max Number of Terminals (Industrial)**
  - **Vertical**
    - W series V: 3 x 25, 3 x 21, 3 x 16, 3 x 12, 3 x 10
    - Z series H: 3 x 25, 3 x 21, 3 x 16, 3 x 12, 3 x 10
    - SAK series V: 3 x 21, 3 x 19, 3 x 16, 3 x 12, 3 x 10
  - **Horizontal**
    - W series V: 1 x 68, 1 x 57, 1 x 44, 1 x 35, 1 x 29
    - Z series H: 68, 57, 44, 35, 29
    - SAK series V: 57, 53, 43, 34, 29

Ordering Data Accessories

- **Sliding Fixing Nuts**
  - Part Number: 0433500000

Notes:
- Each enclosure is supplied with a set of sliding nuts + washers + screws M5, to fix the mounting rail TS 35 or 32 onto the C-Profile

Comments:** Cable entries based on Weidmüller’s standard IP68 cable glands
  - For specific hazardous area requirements please contact Weidmüller for a copy of the full certificate
Klippon® STB – Stainless Steel Enclosures

Klippon® STB 6
Steel Enclosures for use in Industrial and Hazardous Area Applications

Dimensions

<table>
<thead>
<tr>
<th>Height x Width x Depth</th>
<th>mm</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>250 x 400 x 130</td>
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<table>
<thead>
<tr>
<th>Weight</th>
<th>kg</th>
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Technical Data

Enclosure Material: Stainless Steel 1.4404(316L) 1.50mm
Ingress Protection: IP66
Earthing: Body-Internal/External M6 Stainless Steel
Internal Mounting: via C-Profile welded
External Mounting: 4 External lugs with 8 mm holes
Lid Opening: Fully detachable lid with 4 x M5 Bolts
Impact Resistance: 10J industry standard
Gasket Material: Silicone -50 °C to +120 °C

Approvals for Empty Enclosure:
ATEX Certification: IIBexU 07ATEX1147 U
ATEX Marking: III 2 G Ex e II

Approvals for Control and Distribution Box:
ATEX Certification: IIBexU 07ATEX1148
ATEX Marking: III 2 GD Ex e II Tx Ex e II A21 IP6x T

Elevations

Front View
Front View – Lid Removed
Side View

Ordering Data Enclosures

<table>
<thead>
<tr>
<th>Description</th>
<th>Finish</th>
<th>Part Number</th>
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</thead>
<tbody>
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<td>Polished Sheet</td>
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</tr>
<tr>
<td>KLIPPON STB 6 SS E</td>
<td>Electropolished</td>
<td>1068870000</td>
</tr>
</tbody>
</table>

Number of Cable Entries

Max number of cable entries per enclosure side**

<table>
<thead>
<tr>
<th>Number of Cable Entries</th>
<th>A/B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>M12</td>
<td>64</td>
<td>40</td>
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<td>M16</td>
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<td>21</td>
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<tr>
<td>M20</td>
<td>30</td>
<td>21</td>
<td>18</td>
</tr>
<tr>
<td>M25</td>
<td>16</td>
<td>10</td>
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</tr>
<tr>
<td>M32</td>
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<td>8</td>
<td>8</td>
</tr>
<tr>
<td>M40</td>
<td>6</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>M50</td>
<td>4</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>M63</td>
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<td>2</td>
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</tbody>
</table>

Max Number of Terminals (Industrial)

<table>
<thead>
<tr>
<th>Max Number of Terminals (Industrial)</th>
<th>W series V</th>
<th>Vertical</th>
<th>Z series H</th>
<th>SAK series V</th>
<th>W series V</th>
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<th>SAK series V</th>
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Ordering Data Accessories

Sliding Fixing Nuts

<table>
<thead>
<tr>
<th>Sliding Fixing Nuts</th>
<th>Part Number</th>
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</thead>
<tbody>
<tr>
<td>SFNS5 W2MU M5 SW16</td>
<td>0433500000</td>
</tr>
</tbody>
</table>

Notes:
Each enclosure is supplied with a set of sliding nuts (+ washers + screws M5), to fix the mounting rail TS 35 or 32 onto the C-Profile.

Comments: ** Cable entries based on Weidmüller’s standard IP68 cable glands
For specific hazardous area requirements please contact Weidmüller for a copy of the full certificate.
Steel enclosures

**Klippon® TB**
- 12 standard sizes (two depths)
- 316L (1.4404) electropolished stainless steel
- High temperature silicone gasket
- High Ingress Protection (IP66/67)

**Klippon® JB**
- 10 standard sizes, bottom gland plate (3 depths)
- 316L (1.4404) brushed stainless steel
- For harsh and industrial applications
- Foamed high temperature silicone gasket
- High Ingress Protection – IP66

**Klippon® STB**
- 8 standard sizes
- 316L (1.4404) stainless steel
- Robust design for heavy duty applications

Aluminium enclosures

**Klippon® K**
- 19 standard sizes
- High quality aluminium alloy (natural or painted finish)
- High Ingress Protection – IP66

Polyester enclosures

**Klippon® POK**
- 17 standard sizes
- Durable Glass Reinforced Polyester (GRP)
- Halogen and cadmium free

**TBF-Series**
- 9 standard sizes
- Durable Glass Reinforced Polyester (GRP)
- Featuring either grey or transparent lid

Polycarbonate enclosures

**MPC-Series**
- 9 standard sizes
- Universal small polycarbonate enclosures
- Featuring either grey or transparent lid

**FPC-Series**
- 6 standard sizes
- Large polycarbonate enclosures
- Featuring either grey or transparent lid

Accessories

**Cable glands**
- Stopping plugs
- Breather drains

**Cable entries**