

**KTB FS 916120 S4E0****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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Abbildung ähnlich

The Klippon® TB enclosure range provides excellent performance characteristics, even under the most difficult environmental conditions. In addition, it complies with the stricter requirements of potentially explosive atmospheres found in process or power generation industries. The Klippon® TB FS enclosure range offers further improvements to a product line that is already successfully leading the market.

The Klippon® TB FS enclosure range features the following advantages:

- Available in 12 sizes and 3 standard depths
- Equipped with up to 4 gland plates
- The gasket is protected against compression
- Cover lock outside the sealed zone
- Improved temperature performance
- IP66/IP67 protection
- Earthing stud in the cover and base of the enclosure
- Welded mounting feet

**General ordering data**

|            |                                                                                                                                                                                                         |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Version    | Klippon TB FS (Terminal Box - Fixing Screw), Empty enclosure, stainless steel enclosure, Height: 914 mm, Width: 610 mm, Depth: 200 mm, Material: Stainless steel 1.4404 (316L), electropolished, silver |
| Order No.  | <a href="#">1196650000</a>                                                                                                                                                                              |
| Type       | KTB FS 916120 S4E0                                                                                                                                                                                      |
| GTIN (EAN) | 4032248979530                                                                                                                                                                                           |
| Qty.       | 1 pc(s).                                                                                                                                                                                                |

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**Technical data**
**Dimensions and weights**

|                             |             |                            |             |
|-----------------------------|-------------|----------------------------|-------------|
| Depth                       | 200 mm      | Depth (inches)             | 7.874 inch  |
| Height                      | 914 mm      | Height (inches)            | 35.984 inch |
| Mounting dimension - height | 559 mm      | Mounting dimension - width | 636 mm      |
| Net weight                  | 17,640 g    | Width                      | 610 mm      |
| Width (inches)              | 24.016 inch |                            |             |

**Temperatures**

|                                  |                                                                           |
|----------------------------------|---------------------------------------------------------------------------|
| Note: room temperature (service) | Limited to IP66 protection when used in temperatures greater than 105 °C. |
|----------------------------------|---------------------------------------------------------------------------|

**Environmental Product Compliance**

|            |                |
|------------|----------------|
| REACH SVHC | Lead 7439-92-1 |
|------------|----------------|

**Cable glands, left**

|     |     |     |    |
|-----|-----|-----|----|
| M12 | 116 | M16 | 80 |
| M20 | 52  | M25 | 42 |
| M32 | 24  | M40 | 20 |
| M50 | 8   | M63 | 6  |
| M75 | 6   |     |    |

**Cable glands, right**

|     |     |     |    |
|-----|-----|-----|----|
| M12 | 116 | M16 | 80 |
| M20 | 52  | M25 | 42 |
| M32 | 24  | M40 | 20 |
| M50 | 8   | M63 | 6  |
| M75 | 6   |     |    |

**Cable glands, top/bottom**

|     |    |     |    |
|-----|----|-----|----|
| M12 | 88 | M16 | 58 |
| M20 | 38 | M25 | 33 |
| M32 | 18 | M40 | 15 |
| M50 | 6  | M63 | 5  |
| M75 | 4  |     |    |

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**Technical data**
**Certificate numbers enclosure**

|                                           |                                                                                                         |                                          |                                                                                        |
|-------------------------------------------|---------------------------------------------------------------------------------------------------------|------------------------------------------|----------------------------------------------------------------------------------------|
| Approval conditions                       | ATEX, CCoE, DNV, EAC, IECEx, INMETRO, KC, NEPSI, CCC, RMRS, UL AEx Class Div., UL AEx Class Zone, cULus | Attestation of Conformatiy No. (AoC)     |                                                                                        |
| Certificate No. (ATEX)                    | KEMA10ATEX0044U                                                                                         | Certificate No. (CCOE)                   | DE PS261X 160309 001ISS03                                                              |
| Certificate No. (DNVGL)                   | TAE000013S                                                                                              | Certificate No. (EAC)                    | CCOEP267536/2                                                                          |
| Certificate No. (IECEX)                   | IECEXKEM10.0017                                                                                         | Certificate No. UL 508A                  | RUC-DE.MIO62.B.04799                                                                   |
| Certificate No. UL Haz.Loc.               | E223792                                                                                                 | Certificate No. UL Ord.Loc.              | E223801                                                                                |
| Certificate No. UL Terminal Box           | E223792                                                                                                 | Certificate no. (INMETRO)                | E243298                                                                                |
| Certificate no. (cULus)                   | E256877                                                                                                 | Certificate no. Terminal Box (AEx)       | IEX13.0007                                                                             |
| Certificate no. Terminal Box (ATEX)       |                                                                                                         | Certificate no. Terminal Box (EAC)       | E223792                                                                                |
|                                           | IBExU14ATEX1050                                                                                         |                                          | C-DE.HB07.B.00089/20<br>Ex Terminal Box; C-<br>DE.A154.B.00251/19<br>Ind. Terminal Box |
| Certificate no. Terminal Box (IECEX)      | IECEXIBE14.0013                                                                                         | Certificate no. Terminal Box (INMETRO)   | IEx 17.0021                                                                            |
| Certificate no. Terminal Box (KOSHA)      | 16-AV4BO-0245X                                                                                          | Certificate no. Terminal Box (NEPSI)     | GYJ14.1309                                                                             |
| Certificate no. empty enclosure (ATEX)    | IBExU14ATEX1028 U                                                                                       | Certificate no. empty enclosure (IECEX)  | IECEX IBE 14.0004U                                                                     |
| Certificate no. empty enclosure (INMETRO) | IEx 17.0020U                                                                                            | Certificate no. empty enclosure (NEPSI)  | GYJ14.1308U                                                                            |
| Certificate no., empty enclosure (EAC)    | C-DE.HB07.B.00089/20                                                                                    | Declaration of Conformatiy No. (DoC LVD) | DE PS261X 160412 001ISS02                                                              |

**General information**

|                              |                                                                                                                                      |                             |                                                                                                   |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------|
| AF size                      | 10 mm                                                                                                                                | Access opening: height      | 862 mm                                                                                            |
| Access opening: width        |                                                                                                                                      | Areas of use                | Explosive risk zone, Process industry, Oil and gas industry, Chemical industry, Offshore, Onshore |
|                              | 558 mm                                                                                                                               | Enclosure attachment        | 4 welded-on mounting feet with 11 mm holes (2 slotted feet and 2 cross-shaped feet)               |
| Dimension of box             |                                                                                                                                      | Impact resistance           | 7 J ATEX version, 10 J version standard                                                           |
|                              | 800x1070x290                                                                                                                         | Lid                         | Yes                                                                                               |
| Flange plate                 | No                                                                                                                                   | Material                    | Stainless steel 1.4404 (316L)                                                                     |
| Integral fixing              | 4, 6 or 9 stud bolts M6 inner (female) thread                                                                                        | Material thickness of cover | 1.5 mm                                                                                            |
| Lid attachment               | M6 hex-head slotted screws SW10                                                                                                      | Max. payload                | 223 kg                                                                                            |
| Material thickness           | 1.5 mm                                                                                                                               | Number of lid screws        | 10                                                                                                |
| Material thickness of flange | 3 mm                                                                                                                                 | Operating temperature, min. | -60 °C                                                                                            |
| Note: protection class       | If used in temperature ranges above 105 °C, IP protection is limited to IP 66.                                                       | Position PE bolts           | Enclosure side C                                                                                  |
| Operating temperature, max.  | 135 °C                                                                                                                               | Seal material               | Silicone                                                                                          |
| Overall dimensions           | 914 x 661 x 208.5                                                                                                                    | Surface finish              |                                                                                                   |
| Protection degree            | IP66, IP67                                                                                                                           |                             | electropolished                                                                                   |
| Standards                    | DIN EN 62208 - Empty enclosure standard, DIN EN 15085-2, EN 60079-0, EN 60079-7, EN 60079-31, IEC 60079-0, IEC 60079-7, IEC 60079-31 |                             |                                                                                                   |
| Torque for lid screws        | 2.5 Nm                                                                                                                               |                             |                                                                                                   |

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## Technical data

## Housing earth

Earth, enclosure, internal

Welded-on M6 stainless-steel earth stud in enclosure body and lid., Continuous M10 earth stud in body enclosure

## horizontal assembly

|                             |       |                 |      |
|-----------------------------|-------|-----------------|------|
| WDU 10 / ZDU 10             | 6x52  | WDU 16 / ZDU 16 | 5x43 |
| WDU 2,5 / ZDU 2,5 / IDU 2,5 | 8x102 | WDU 35 / ZDU 35 | 4x32 |
| WDU 4 / ZDU 4               | 7x85  | WDU 6 / ZDU 6   | 7x64 |

## vertical assembly

|                             |       |                 |       |
|-----------------------------|-------|-----------------|-------|
| WDU 10 / ZDU 10             | 3x82  | WDU 16 / ZDU 16 | 3x68  |
| WDU 2,5 / ZDU 2,5 / IDU 2,5 | 5x161 | WDU 35 / ZDU 35 | 2x51  |
| WDU 4 / ZDU 4               | 4x135 | WDU 6 / ZDU 6   | 4x102 |

## 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 | ECLASS 11.0 | 27-18-05-02 |

## Important note

Product information

Minimum order quantity (5 pieces)

## Approvals

Approvals



UL File Number Search

E256877

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**Technical data**
**Downloads**

|                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">C-DE.HB07.B.00089-Empty Enclosures and Ex. Terminal Box</a><br><a href="#">C-DE.AJ54.B.00251.19 Ind. Terminal Box</a><br><a href="#">CCC 2020322303002358 KTB Assembly Enclosure</a><br><a href="#">CCC 2020322303002357 KTB Empty Enclosure</a><br><a href="#">Attestation of Conformity - Klippon TB Empty Enclosures - AoC DE PS261X 160309 001ISS03 IEX17.0021</a><br><a href="#">IEX17.0020U</a><br><a href="#">IBEXU14ATEX1028U</a><br><a href="#">IBEXU14ATEX1050</a><br><a href="#">IECEXIBE14.0004U</a><br><a href="#">IECEXIBE14.0013</a><br><a href="#">TAE000013S</a><br><a href="#">15.40073.250</a><br><a href="#">RUC-DE.MIO62.B.04799</a><br><a href="#">GYJ14.1310X</a><br><a href="#">IECEXPTB11.0071</a><br><a href="#">PTB11ATEX2019</a><br><a href="#">16-AV4BO-245X</a><br><a href="#">P4610581_1</a><br><a href="#">EU Declaration of Conformity - Klippon TB Empty Enclosures - DoC DE PS261X 160412 001ISS02</a> |
| Engineering Data                            | <a href="#">STEP</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Engineering Data                            | <a href="#">EPLAN, WSCAD</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Tender specification                        | <a href="#">Klippon TB FS 916120 S4E0_1196650000_DE</a><br><a href="#">Klippon TB FS 916120 S4E0_1196650000_EN</a><br><a href="#">Klippon TB FS 916120 S4E0_1196650000_NL</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| User Documentation                          | <a href="#">Assembly guidelines - empty enclosures</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

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## Drawings

### Dimensioned drawing

