

Klippon TB FS (Terminal Box - Fixing Screw) KTB FS 221513 S4E3

Weidmüller Interface GmbH & Co. KG
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Product image



Abbildung ähnlich

Stainless steel enclosures for use in areas exposed to explosion hazards

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 new Klippon® TB MH 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

| | |
|------------|--|
| Type | KTB FS 221513 S4E3 |
| Order No. | 1195680000 |
| Version | Klippon TB FS (Terminal Box - Fixing Screw), Empty enclosure, stainless steel enclosure, Height: 229 mm, Width: 152 mm, Depth: 133 mm, Gland plates: Bottom, left, right, Material: Stainless steel 1.4404 (316L), electropolished, silver |
| GTIN (EAN) | 4032248978526 |
| Qty. | 1 pc(s). |

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Technical data
Dimensions and weights

| | | | |
|----------------------------|---------|-----------------------------|------------|
| Width | 152 mm | Width (inches) | 5.984 inch |
| Height | 229 mm | Height (inches) | 9.016 inch |
| Depth | 133 mm | Depth (inches) | 5.236 inch |
| Mounting dimension - width | 208 mm | Mounting dimension - height | 152 mm |
| Net weight | 3,429 g | | |

Cable glands, left

| | | | |
|-----|---|-----|---|
| M12 | 8 | M16 | 6 |
| M20 | 3 | M25 | 2 |
| M32 | 2 | M40 | 2 |
| M50 | 0 | M63 | 0 |
| M75 | 0 | | |

Cable glands, right

| | | | |
|-----|---|-----|---|
| M12 | 8 | M16 | 6 |
| M20 | 3 | M25 | 2 |
| M32 | 2 | M40 | 2 |
| M50 | 0 | M63 | 0 |
| M75 | 0 | | |

Cable glands, top/bottom

| | | | |
|-----|---|-----|---|
| M12 | 6 | M16 | 5 |
| M20 | 2 | M25 | 2 |
| M32 | 1 | M40 | 1 |
| M50 | 0 | M63 | 0 |
| M75 | 0 | | |

Certificate numbers enclosure

| | | | |
|---|----------------------|--|----------------------|
| Certificate no. assembled enclosure (ATEX) | IBExU14ATEX1050 | Certificate no. empty enclosure (ATEX) | IBExU14ATEX1028 U |
| Certificate no. assembled enclosure (IECEX) | IECEX IBE 14.0013 | Certificate no. empty enclosure (IECEX) | IECEX IBE 14.0004U |
| Certificate no., assembled enclosure (EAC) | RU C-DE.ГБ08.B.01328 | Certificate no., empty enclosure (EAC) | RU C-DE.ГБ08.B.00472 |
| Certificate no. assembled enclosure (INMETRO) | IEx 17.0021 | Certificate no. empty enclosure (INMETRO) | IEx 17.0020U |
| Certificate no. assembled enclosure (AEx) | E223792 | Certificate no. empty enclosure (NEPSI) | GYJ14.1308U |
| Certificate no. assembled enclosure (NEPSI) | GYJ14.1309 | Certificate no., assembled enclosure (KOSHA) | 16-AV4BO-0245X |
| Certificate No. (MARITREG) | 15.40074.250 | Certificate no. (cULus) | E256877 |
| Certificate No. (CCOE) | CCOEP267536/2 | | |

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General information

| | | | |
|------------------------------|--|-----------------------------|---|
| AF size 1 | 10 mm | Access opening: height | 199 mm |
| Access opening: width | | Areas of use | Explosive risk zone, Process industry, Oil and gas industry, Chemical industry, Offshore, Onshore |
| | 122 mm | Installation advice | Terminal rail / mounting plate |
| Gland plates | Bottom, left, right | Material thickness of cover | 1.5 mm |
| Material thickness | 1.5 mm | Max. payload | 14 kg |
| Material thickness of flange | 3 mm | Position PE bolts | Page C |
| Overall dimensions | 240 x 233 x 141.5 | Material | Stainless steel 1.4404 (316L) |
| 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 | Surface finish | electropolished |
| Seal material | Silicone | Operating temperature, max. | 135 °C |
| Operating temperature, min. | -60 °C | Protection degree | IP66, IP67 |
| Impact resistance | 7 J ATEX version, 10 J version standard | Enclosure attachment | 4 welded-on mounting feet with 11 mm holes (2 slotted feet and 2 cross-shaped feet) |
| Note: protection class | If used in temperature ranges above 105 °C, IP protection is limited to IP 66. | Integral fixing | 4, 6 or 9 stud bolts M6 inner (female) thread |
| Lid attachment | M6 hex-head slotted screws SW10 | | |

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 | 1x7 | WDU 16 / ZDU 16 | 1x6 |
| WDU 2,5 / ZDU 2,5 / IDU 2,5 | 1x15 | WDU 35 / ZDU 35 | 1x3 |
| WDU 4 / ZDU 4 | 1x13 | WDU 6 / ZDU 6 | 1x9 |

vertical assembly

| | | | |
|-----------------------------|------|-----------------|------|
| WDU 10 / ZDU 10 | 1x13 | WDU 16 / ZDU 16 | 1x11 |
| WDU 2,5 / ZDU 2,5 / IDU 2,5 | 1x29 | WDU 35 / ZDU 35 | 1x8 |
| WDU 4 / ZDU 4 | 1x22 | WDU 6 / ZDU 6 | 1x16 |

Classifications

| | | | |
|------------|-------------|------------|-------------|
| ETIM 6.0 | EC002503 | eClass 6.2 | 27-14-91-07 |
| eClass 7.1 | 27-14-91-07 | eClass 8.1 | 27-14-91-07 |
| eClass 9.0 | 27-18-05-02 | eClass 9.1 | 27-18-05-02 |

Product information

| | |
|---------------------|------------------------------------|
| Product information | Minimum order quantity (20 pieces) |
|---------------------|------------------------------------|

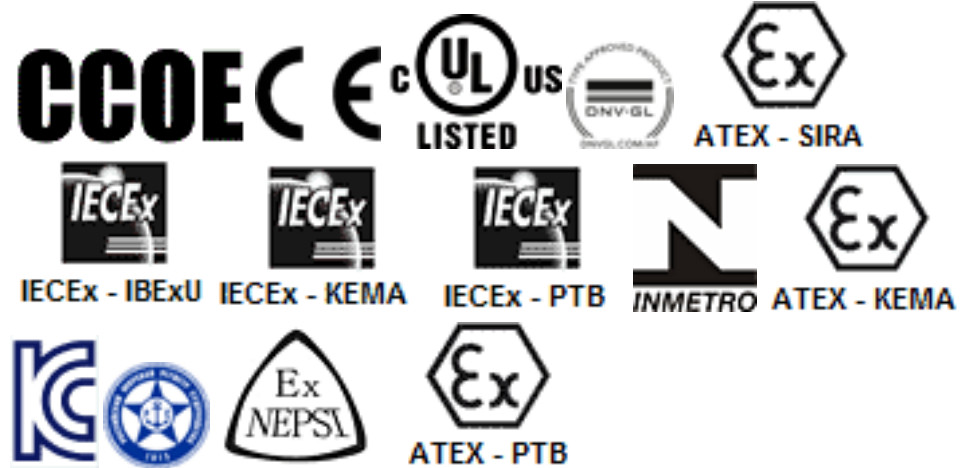
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Technical data**Approvals**

Approvals

**Downloads**

| | |
|---|---|
| Approval/Certificate/Document of Conformity | Attestation of Conformity - Klippon TB Empty Enclosures - AoC DE PS261X 160309 001ISS01 EU Declaration of Conformity - Klippon TB Empty Enclosures - DoC DE PS261X 160412 001ISS01 |
| Brochure/Catalogue | MB OVERV. PROCESS WD DE MB KLIPPON ENCL.TECN EN MB PROCESS EN FL WIND 2012 EN FL APPL PROCESS EN FL SHIPBUILDING 2016 EN FL RAILWAY 2014 EN PI KLIPPON TB MH QL EN |
| Engineering Data | EPLAN, WSCAD |
| Engineering Data | STEP |
| Tender specification | Klippon TB FS 221513 S4E3_1195680000_DE Klippon TB FS 221513 S4E3_1195680000_EN Klippon TB FS 221513 S4E3_1195680000_NL |
| User Documentation | MB KLIPPON ENCL.TECN DE Assembly guidelines - empty enclosures |

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Drawings

Dimensioned drawing

