

Klippon TB FS (Terminal Box - Fixing Screw) KTB FS 765015 S4E0

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

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 765015 S4E0 |
| Order No. | 1196500000 |
| Version | Klippon TB FS (Terminal Box - Fixing Screw), Empty enclosure, stainless steel enclosure, Height: 762 mm, Width: 508 mm, Depth: 150 mm, Material: Stainless steel 1.4404 (316L), electropolished, silver |
| GTIN (EAN) | 4032248979349 |
| Qty. | 1 pc(s). |

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Technical data
Dimensions and weights

| | | | |
|----------------------------|----------|-----------------------------|------------|
| Width | 508 mm | Width (inches) | 20 inch |
| Height | 762 mm | Height (inches) | 30 inch |
| Depth | 150 mm | Depth (inches) | 5.905 inch |
| Mounting dimension - width | 534 mm | Mounting dimension - height | 508 mm |
| Net weight | 13,140 g | | |

Cable glands, left

| | | | |
|-----|----|-----|----|
| M12 | 58 | M16 | 32 |
| M20 | 26 | M25 | 12 |
| M32 | 10 | M40 | 8 |
| M50 | 6 | M63 | 0 |
| M75 | 0 | | |

Cable glands, right

| | | | |
|-----|----|-----|----|
| M12 | 58 | M16 | 32 |
| M20 | 26 | M25 | 12 |
| M32 | 10 | M40 | 8 |
| M50 | 6 | M63 | 0 |
| M75 | 0 | | |

Cable glands, top/bottom

| | | | |
|-----|----|-----|----|
| M12 | 42 | M16 | 24 |
| M20 | 21 | M25 | 9 |
| M32 | 7 | M40 | 6 |
| M50 | 5 | 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. (cULus) | E256877 | Certificate No. (CCOE) | CCOEP267536/2 |

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General information

| | | | |
|-----------------------------|---|------------------------------|--|
| AF size 1 | 10 mm | Access opening: height | 710 mm |
| Access opening: width | | Areas of use | Explosive risk zone, Process industry, Oil and gas industry, Chemical industry, Offshore, Onshore |
| | 456 mm | Material thickness | 1.5 mm |
| Installation advice | Terminal rail / mounting plate | Material thickness of flange | 3 mm |
| Material thickness of cover | 1.5 mm | Overall dimensions | 762 x 559 x 158.5 |
| Max. payload | 155 kg | 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 |
| Position PE bolts | | Seal material | Silicone |
| | Page C | Operating temperature, min. | -60 °C |
| Material | Stainless steel 1.4404 (316L) | Impact resistance | 7 J ATEX version, 10 J version standard |
| Surface finish | electropolished | Note: protection class | If used in temperature ranges above 105 °C, IP protection is limited to IP 66. |
| Operating temperature, max. | 135 °C | Lid attachment | M6 hex-head slotted screws SW10 |
| Protection degree | IP66, IP67 | | |
| Enclosure attachment | 4 welded-on mounting feet with 11 mm holes (2 slotted feet and 2 cross- shaped feet) | | |
| Integral fixing | 4, 6 or 9 stud bolts M6 inner (female) thread | | |

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 | 5x42 | WDU 16 / ZDU 16 | 4x35 |
| WDU 2,5 / ZDU 2,5 / IDU 2,5 | 7x82 | WDU 35 / ZDU 35 | 3x26 |
| WDU 4 / ZDU 4 | 6x69 | WDU 6 / ZDU 6 | 5x52 |

vertical assembly

| | | | |
|-----------------------------|-------|-----------------|------|
| WDU 10 / ZDU 10 | 3x67 | WDU 16 / ZDU 16 | 2x56 |
| WDU 2,5 / ZDU 2,5 / IDU 2,5 | 4x132 | WDU 35 / ZDU 35 | 2x42 |
| WDU 4 / ZDU 4 | 4x111 | WDU 6 / ZDU 6 | 3x83 |

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 |

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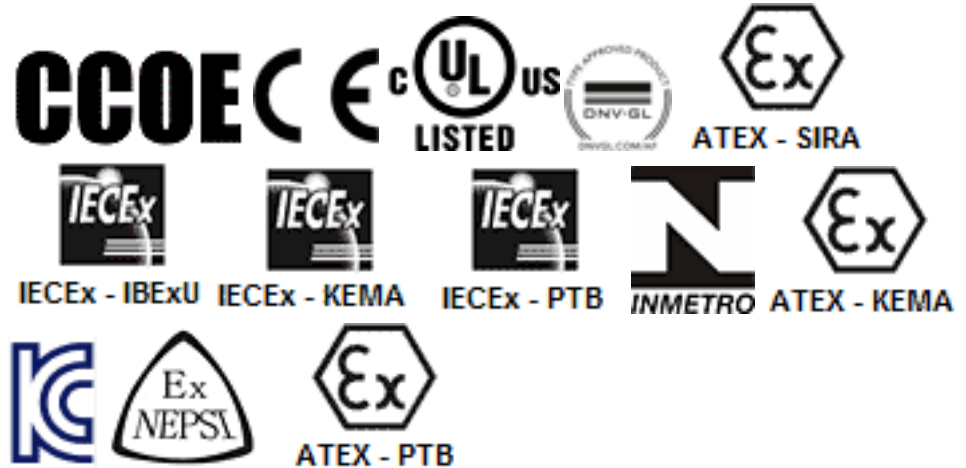
Technical data

Product information

Product information Minimum order quantity (5 pieces)

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 765015 S4E0_1196500000_DE Klippon TB FS 765015 S4E0_1196500000_EN Klippon TB FS 765015 S4E0_1196500000_NL |
| User Documentation | MB KLIPPON ENCL.TECN DE Assembly guidelines - empty enclosures |

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Drawings

Dimensioned drawing

