

Klippon TB MH (Terminal Box - Multi Hinge) KTB MH 624520 S4E0

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 specifically in the 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 MH enclosure range has the following advantages:

- Available in 12 sizes and 3 standard depths
- Equipped with up to 4 gland plates
- The gasket is protected against compression
- Completely removable padlock tab
- Cover lock outside the sealed zone
- Improved temperature performance
- IP66/IP67 protection
- Completely removable lid – without a tool
- Earthing stud in the cover and base of the enclosure
- Welded mounting feet
- International approvals

General ordering data

| | |
|------------|--|
| Type | KTB MH 624520 S4E0 |
| Order No. | 1195350000 |
| Version | Klippon TB MH (Terminal Box - Multi Hinge), Empty enclosure, stainless steel enclosure, Height: 620 mm, Width: 450 mm, Depth: 200 mm, Material: Stainless steel 1.4404 (316L), electropolished, silver |
| GTIN (EAN) | 4032248978014 |
| Qty. | 1 pc(s). |

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Technical data**Dimensions and weights**

| | | | |
|----------------------------|----------|-----------------------------|-------------|
| Width | 450 mm | Width (inches) | 17.716 inch |
| Height | 620 mm | Height (inches) | 24.409 inch |
| Depth | 200 mm | Depth (inches) | 7.874 inch |
| Mounting dimension - width | 476 mm | Mounting dimension - height | 450 mm |
| Net weight | 15,400 g | | |

Cable glands, left

| | | | |
|-----|----|-----|----|
| M12 | 80 | M16 | 54 |
| M20 | 36 | M25 | 30 |
| M32 | 17 | M40 | 14 |
| M50 | 6 | M63 | 5 |
| M75 | 4 | | |

Cable glands, right

| | | | |
|-----|----|-----|----|
| M12 | 80 | M16 | 54 |
| M20 | 36 | M25 | 30 |
| M32 | 17 | M40 | 14 |
| M50 | 6 | M63 | 5 |
| M75 | 4 | | |

Cable glands, top/bottom

| | | | |
|-----|----|-----|----|
| M12 | 63 | M16 | 42 |
| M20 | 27 | M25 | 23 |
| M32 | 12 | M40 | 10 |
| M50 | 4 | M63 | 4 |
| M75 | 3 | | |

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) | 15.40073.250 | Certificate no. (cULus) | E243298 |
| Certificate No. (CCOE) | CCOEP267536/1 | | |

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General information

| | | | |
|-----------------------------|--|------------------------------|---|
| AF size 1 | 10 mm | Access opening: height | 567 mm |
| Access opening: width | | Areas of use | Explosive risk zone, Process industry, Oil and gas industry, Chemical industry, Offshore, Onshore |
| | 391 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 | Opening angle lid | 130 ° |
| Max. payload | 112 kg | Position PE bolts | Page C |
| Overall dimensions | 620 x 501 x 215 | Material | Stainless steel 1.4404 (316L) |
| Standards | DIN EN 62208 - Empty enclosure standard, DIN EN 61373 Class 1B**, 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 | 4 hinges and M6 hex-head slotted screws SW10 | | |

Housing earth

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| Earth, enclosure, internal | Welded-on M6 stainless- steel earth stud in enclosure body and lid. |
|----------------------------|---|

horizontal assembly

| | | | |
|-----------------------------|------|-----------------|------|
| WDU 10 / ZDU 10 | 4x36 | WDU 16 / ZDU 16 | 3x30 |
| WDU 2,5 / ZDU 2,5 / IDU 2,5 | 5x71 | WDU 35 / ZDU 35 | 2x22 |
| WDU 4 / ZDU 4 | 5x59 | WDU 6 / ZDU 6 | 4x45 |

vertical assembly

| | | | |
|-----------------------------|-------|-----------------|------|
| WDU 10 / ZDU 10 | 2x53 | WDU 16 / ZDU 16 | 2x44 |
| WDU 2,5 / ZDU 2,5 / IDU 2,5 | 3x105 | WDU 35 / ZDU 35 | 1x33 |
| WDU 4 / ZDU 4 | 3x88 | WDU 6 / ZDU 6 | 3x66 |

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

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|---------------------|---|
| Product information | **A customised test is required to guarantee application compliance |
|---------------------|---|

Creation date May 27, 2019 3:58:45 PM CEST

Catalogue status 23.05.2019 / We reserve the right to make technical changes.

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Technical data

Approvals

Approvals



ROHS

Conform

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 MH 624520 S4E0_1195350000_DE Klippon TB MH 624520 S4E0_1195350000_EN Klippon TB MH 624520 S4E0_1195350000_NL |
| User Documentation | MB KLIPPON ENCL.TECN DE Assembly guidelines - empty enclosures |

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Drawings

Dimensioned drawing

