

KTB MH 221513 S2E4

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Similar to illustration



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 specifically in the process or power generation industries. The 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 15 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

| | |
|------------|---|
| Version | Klippon TB MH (Terminal Box - Multi Hinge), Empty enclosure, stainless steel enclosure, Height: 229 mm, Width: 152 mm, Depth: 133 mm, Gland plates: Bottom, top, left, right, Material: Stainless steel 1.4301 (304), electropolished, silver |
| Order No. | 1194590001 |
| Type | KTB MH 221513 S2E4 |
| GTIN (EAN) | 4050118108088 |
| Qty. | 1 Stück |

KTB MH 221513 S2E4

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Technische Daten

Dimensions and weights

| | | | |
|-----------------------------|-------------|----------------------------|------------|
| Depth | 133 mm | Depth (inches) | 5.236 inch |
| Height | 229 mm | Height (inches) | 9.016 inch |
| Width | 152 mm | Width (inches) | 5.984 inch |
| Mounting dimension - height | 152 mm | Mounting dimension - width | 208 mm |
| Net weight | 8,535.788 g | | |

Temperatures

| | | | |
|-----------------------------|-----------------|----------------------------------|---|
| Operating temperature | -60 °C...135 °C | Operating temperature, min. | -60 °C |
| Operating temperature, max. | 135 °C | Note: room temperature (service) | Limited to IP66 protection when used in temperatures greater than 105 °C. |

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

| | | | |
|--|---|--|---------------------------|
| 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) | DE PS261X 160309 001ISS03 |
| Certificate No. (ATEX) | PTB11ATEX2019 | Certificate No. (CCOE) | P461058_1 |
| Certificate No. (IECEX) | IECEXPTB11.0071 | Certificate No. (MARITREG) | 21.50075.272 |
| Certificate No. Electronic Box (NEPSI) | 2020322303003289 | Certificate No. UL 508A | E223801 |
| Certificate No. UL Haz.Loc. | E223792 | Certificate No. UL Ord.Loc. | E243298 |
| Certificate No. UL Terminal Box | E223792 | Certificate no. (INMETRO) | IEX17.0021 |
| Certificate no. (cULus) | E243298 | Certificate no. Terminal Box (INMETRO) | LMP 21.0017 |
| Certificate no. empty enclosure (ECAS) | 21-09-25241/ E21-09-053807 | Declaration of Conformatiy No. (DoC LVD) | DE PS261X 160412 001ISS02 |

KTB MH 221513 S2E4

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Technische Daten

General information

| | | | |
|------------------------------|---|---------------------------------|---|
| AF size | 10 mm | Access opening: height | 176 mm |
| Access opening: width | | Areas of use | Explosive risk zone, Process industry, Oil and gas industry, Chemical industry, Offshore, Onshore |
| Dimension of box | 93 mm | Enclosure attachment | 4 welded-on mounting feet with 11 mm holes (2 slotted feet and 2 cross-shaped feet) |
| Flange plate | 350x390x220 | Flange plate mounting | M6 hexagonal head screws 10 SW |
| Gland plates | Yes | Impact resistance | 7 J ATEX version, 10 J version standard |
| Integral fixing | Bottom, top, left, right | Lid | Yes |
| Lid attachment | 4, 6 or 9 stud bolts M6 inner (female) thread | Material | Stainless steel 1.4301 (304) |
| Material thickness of cover | 4 hinges and M6 hex-head slotted screws SW10 | Material thickness of enclosure | 1.5 mm |
| Material thickness of flange | 1.5 mm | Max. payload | 14 kg |
| Note: protection class | 3 mm | Number of lid screws | 4 |
| Opening angle lid | If used in temperature ranges above 105 °C, IP protection is limited to IP 66. | Operating temperature, max. | 135 °C |
| Operating temperature, min. | 130 ° | Overall dimensions | 251 x 233 x 148 |
| Position PE bolts | -60 °C | Protection class (UL) | Type 3, Type 4X, Type 12 |
| Protection degree | Enclosure side C | Seal material | Silicone |
| Standards | IP66, IP67 | Surface finish | electropolished |
| Torque for lid screws | 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 | | |
| | 2.5 Nm | | |

Housing earth

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

horizontal assembly

| | | | |
|-----------------------------|------|-----------------|-----|
| WDU 10 / ZDU 10 | 1x4 | WDU 16 / ZDU 16 | 1x3 |
| WDU 2,5 / ZDU 2,5 / IDU 2,5 | 1x10 | WDU 35 / ZDU 35 | 1x2 |
| WDU 4 / ZDU 4 | 1x8 | WDU 6 / ZDU 6 | 1x6 |

vertical assembly

| | | | |
|-----------------------------|------|-----------------|------|
| WDU 10 / ZDU 10 | 1x13 | WDU 16 / ZDU 16 | 1x10 |
| WDU 2,5 / ZDU 2,5 / IDU 2,5 | 1x26 | WDU 35 / ZDU 35 | 1x7 |
| WDU 4 / ZDU 4 | 1x21 | WDU 6 / ZDU 6 | 1x16 |

KTB MH 221513 S2E4

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Technische Daten

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC002503 | ETIM 7.0 | EC002503 |
| ETIM 8.0 | 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 | ECLASS 12.0 | 27-18-05-02 |

Environmental Product Compliance

| | |
|------------|--------------------------------------|
| REACH SVHC | Lead 7439-92-1 |
| SCIP | 8d5fcdfe-c58e-44e1-a6b4-74d2bbccc9dd |

Important note

| | |
|---------------------|-----------------------------------|
| Product information | Minimum order quantity (5 pieces) |
|---------------------|-----------------------------------|

Approvals

Approvals



| | |
|-------------------------|------------|
| ROHS | Conform |
| UL File Number Search | UL Website |
| Certificate no. (cULus) | E243298 |

KTB MH 221513 S2E4

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technische Daten

Downloads

| | |
|---|---|
| Approval/Certificate/Document of Conformity | C-DE.HB07.B.00089-Empty Enclosures and Ex. Terminal Box C-DE.AJ54.B.00251.19 Ind. Terminal Box CCC 2020322303002358 KTB Assembly Enclosure CCC 2020322303002357 KTB Empty Enclosure Attestation of Conformity - Klippon TB Empty Enclosures - AoC DE PS261X 160309 001ISS05 IEX17.0020U IBEXU14ATEX1028U IBEXU14ATEX1050 IECEXIBE14.0004U IECEXIBE14.0013 TAE000013S 15.40073.250 GYJ14.1310X IECEXPTB11.0071 PTB11ATEX2019 16-AV4BO-245X P4610581_1 21-09-25241/E2 1-09-053807 EU Declaration of Conformity - Klippon TB Empty Enclosures - DoC DE PS261X 160412 001ISS03 |
| User Documentation | Assembly guidelines - empty enclosures |
| Catalogues | Catalogues in PDF-format |

KTB MH 221513 S2E4

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

Zeichnungen

www.weidmueller.com

Dimensioned drawing

