

**KTB MH 624520 S4E3**

**Weidmüller Interfaces GmbH & Co. KG**

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**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: 620 mm, Width: 450 mm, Depth: 200 mm, Gland plates: Bottom, left, right, Material: Stainless steel 1.4404 (316L), electropolished, silver |
| Order No.  | <a href="#">1195380000</a>  |
| Type       | KTB MH 624520 S4E3  |
| GTIN (EAN) | 4032248978045   |
| Qty.       | 1 Stück   |

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## Technische Daten

### Dimensions and weights

|                             |          |                            |             |
|-----------------------------|----------|----------------------------|-------------|
| Depth                       | 200 mm   | Depth (inches)             | 7.874 inch  |
| Height                      | 620 mm   | Height (inches)            | 24.409 inch |
| Width                       | 450 mm   | Width (inches)             | 17.716 inch |
| Mounting dimension - height | 450 mm   | Mounting dimension - width | 506 mm      |
| Net weight                  | 17,360 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 | 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  |     |    |

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## Technische Daten

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DE PS261X 160309  
001ISS03

Certificate No. (CCOE) P461058\_1

Certificate No. (IECEX) IECEXPTB11.0071

Certificate No. Electronic Box (NEPSI) 2020322303003289

Certificate No. UL Haz.Loc. E223792

Certificate No. UL Terminal Box E223792

Certificate no. (cULus) E243298

Certificate no. Terminal Box (ATEX) IBExU14ATEX1050

Certificate no. Terminal Box (IECEX)

IECEXIBE14.0013

Certificate no. Terminal Box (KOSHA) 16-AV4BO-0245X

Certificate no. empty enclosure (ECAS) **21-09-25241/  
E21-09-053807**

Certificate no. empty enclosure (INMETRO) IEx 17.0020U

Declaration of Conformatiy No. (DoC LVD) DE PS261X 160412  
001ISS02

### Certificate numbers enclosure

|   |   |
|---|---|
| Approval conditions                     | ATEX, CCoE, DNV, EAC, IECEX, INMETRO, KC, NEPSI, CCC, RMRS, UL AEx Class Div., UL AEx Class Zone, cULus |
| Certificate No. (ATEX)                  | PTB11ATEX2019   |
| Certificate No. (EAC)                   | C-DE.HB07.B.00089-20  |
| Certificate No. (MARITREG)              | 21.50075.272  |
| Certificate No. UL 508A                 | E223801   |
| Certificate No. UL Ord.Loc.             | E243298   |
| Certificate no. (INMETRO)               | IEX17.0021  |
| Certificate no. Terminal Box (AEx)      | E223792   |
| Certificate no. Terminal Box (EAC)      | C-DE.HB07.B.00089/20<br>Ex Terminal Box; C-DE.AD54.B.00251/19<br>Ind. Terminal Box                      |
| Certificate no. Terminal Box (INMETRO)  | LMP 21.0017   |
| Certificate no. empty enclosure (ATEX)  | IBExU14ATEX1028 U   |
| Certificate no. empty enclosure (IECEX) | IECEX IBE 14.0004U  |
| Certificate no., empty enclosure (EAC)  | C-DE.HB07.B.00089/20  |

|   |                                       |
|---|---------------------------------------|
| Attestation of Conformatiy No. (AeC)      | DE PS261X 160309<br>001ISS03          |
| Certificate No. (CCOE)                    | P461058_1                             |
| Certificate No. (IECEX)                   | IECEXPTB11.0071                       |
| Certificate No. Electronic Box (NEPSI)    | 2020322303003289                      |
| Certificate No. UL Haz.Loc.               | E223792                               |
| Certificate No. UL Terminal Box           | E223792                               |
| Certificate no. (cULus)                   | E243298                               |
| Certificate no. Terminal Box (ATEX)       | IBExU14ATEX1050                       |
| Certificate no. Terminal Box (IECEX)      | IECEXIBE14.0013                       |
| Certificate no. Terminal Box (KOSHA)      | 16-AV4BO-0245X                        |
| Certificate no. empty enclosure (ECAS)    | <b>21-09-25241/<br/>E21-09-053807</b> |
| Certificate no. empty enclosure (INMETRO) | IEx 17.0020U                          |
| Declaration of Conformatiy No. (DoC LVD)  | DE PS261X 160412<br>001ISS02          |

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### General information

|                                 |   |                              |   |
|---------------------------------|---|------------------------------|---|
| AF size                         | 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   |
| Dimension of box                | 391 mm  | Enclosure attachment         | 4 welded-on mounting feet with 11 mm holes (2 slotted feet and 2 cross-shaped feet)   |
| Flange plate                    | 630x770x290                                   | 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, left, right                           | Lid attachment               | 4 hinges and M6 hex-head slotted screws SW10  |
| Material                        | 4, 6 or 9 stud bolts M6 inner (female) thread | Material thickness of cover  | 1.5 mm  |
| Material thickness of enclosure | Stainless steel 1.4404 (316L)                 | Material thickness of flange | 3 mm  |
| Max. payload                    | 1.5 mm  | Note: protection class       | If used in temperature ranges above 105 °C, IP protection is limited to IP 66.  |
| Number of lid screws            | 112 kg  | Opening angle lid            | 130 °   |
| Operating temperature, max.     | 8   | Operating temperature, min.  | -60 °C  |
| Overall dimensions              | 135 °C  | Position PE bolts            | Enclosure side C  |
| Protection class (UL)           | 631 x 531 x 215                               | Protection degree            | IP66, IP67  |
| Seal material                   | Type 3, Type 4X, Type 12                      | 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                  | Silicone                                      | Torque for lid screws        | 2.5 Nm  |
|                                 | electropolished                               |                              |   |

### Housing earth

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

### horizontal assembly

|                             |      |                 |      |
|-----------------------------|------|-----------------|------|
| WDU 10 / ZDU 10             | 4x33 | WDU 16 / ZDU 16 | 3x26 |
| WDU 2,5 / ZDU 2,5 / IDU 2,5 | 5x65 | WDU 35 / ZDU 35 | 2x20 |
| WDU 4 / ZDU 4               | 5x54 | WDU 6 / ZDU 6   | 4x41 |

### vertical assembly

|                             |       |                 |      |
|-----------------------------|-------|-----------------|------|
| WDU 10 / ZDU 10             | 2x49  | WDU 16 / ZDU 16 | 2x42 |
| WDU 2,5 / ZDU 2,5 / IDU 2,5 | 3x101 | WDU 35 / ZDU 35 | 1x31 |
| WDU 4 / ZDU 4               | 3x83  | WDU 6 / ZDU 6   | 3x62 |

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**Technische Daten**

**Classifications**

|             |             |             |                     |             |
|-------------|-------------|-------------|---------------------|-------------|
| ETIM 6.0    | EC002503    | ETIM 7.0    | www.weidmueller.com | 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 |

**Approvals**

Approvals



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

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### 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.A154.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 001ISS05 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="#">21-09-25241/E21-09-053807</a><br><a href="#">LMP 21.0017 - CAIXA DE JUNÇÃO KLIPPON TB - KTB MH QL FS</a><br><a href="#">EU Declaration of Conformity - Klippon TB Empty Enclosures - DoC DE PS261X 160412 001ISS03</a> |
| Engineering Data                            | <a href="#">CAD data – STEP</a>   |
| Engineering Data                            | <a href="#">WSCAD, EPLAN</a>  |
| Tender specification                        | <a href="#">Klippon TB MH 624520 S4E3_1195380000_DE</a><br><a href="#">Klippon TB MH 624520 S4E3_1195380000_EN</a><br><a href="#">Klippon TB MH 624520 S4E3_1195380000_NL</a>   |
| User Documentation                          | <a href="#">Assembly guidelines - empty enclosures</a>  |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>  |
| Brochures                                   | <a href="#">MB OVERV. PROCESS WD DE</a><br><a href="#">MB KLIPPON ENCL.TECN EN</a><br><a href="#">MB PROCESS EN</a><br><a href="#">FL WIND 2012 EN</a><br><a href="#">FL APPL PROCESS EN</a><br><a href="#">FL SHIPBUILDING 2016 EN</a><br><a href="#">FL RAILWAY 2014 EN</a><br><a href="#">PI KLIPPON TB MH QL EN</a><br><a href="#">PI KLIPPON TB MH QL EN</a>   |

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Zeichnungen

Dimensioned drawing

