

**KTB MH 353520 S4E1****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

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, Height: 350 mm, Width: 350 mm, Depth: 150 mm, Gland plates: Bottom, Material: Stainless steel 1.4404 (316L), electropolished, silver |
| Order No.  | <a href="#">8000108838</a>  |
| Type       | KTB MH 353520 S4E1  |
| GTIN (EAN) | 4099986660441   |
| Qty.       | 1 pc(s).  |

**KTB MH 353520 S4E1**
**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)
**Technical data**
**Dimensions and weights**

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Depth      | 150 mm  | Depth (inches)  | 5.905 inch |
| Height     | 350 mm  | Height (inches) | 13.78 inch |
| Width      | 350 mm  | Width (inches)  | 13.78 inch |
| Net weight | 9,950 g |                 |            |

**Temperatures**

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

**Cable glands, left**

|     |    |     |    |
|-----|----|-----|----|
| M12 | 52 | M16 | 30 |
| M20 | 16 | M25 | 12 |
| M32 | 5  | M40 | 4  |
| M50 | 3  | M63 | 3  |
| M75 | 0  |     |    |

**Cable glands, right**

|     |    |     |    |
|-----|----|-----|----|
| M12 | 52 | M16 | 30 |
| M20 | 16 | M25 | 12 |
| M32 | 5  | M40 | 4  |
| M50 | 3  | M63 | 3  |
| M75 | 0  |     |    |

**Cable glands, top/bottom**

|     |    |     |    |
|-----|----|-----|----|
| M12 | 60 | M16 | 36 |
| M20 | 20 | M25 | 16 |
| M32 | 6  | M40 | 5  |
| M50 | 4  | M63 | 3  |
| M75 | 0  |     |    |

**Certificate numbers enclosure**

|  |                             |   |                           |
|--|-----------------------------|---|---------------------------|
| Approval conditions                      | ATEX, IECEX, INMETRO, cULus | Attestation of Conformatiy No. (AoC)      | DE PS261X 160309 001ISS03 |
| 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. Terminal Box (ATEX)      | IBExU14ATEX1050             | Certificate no. Terminal Box (IECEX)      | IECEXIBE14.0013           |
| 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 (INMETRO) | LMP 21.0016U              |
| Declaration of Conformatiy No. (DoC LVD) | DE PS261X 160412 001ISS02   |   |                           |

**KTB MH 353520 S4E1**
**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)
**Technical data**
**General information**

|                                 |   |                               |  |
|---------------------------------|---|-------------------------------|--|
| Enclosure attachment            | 4 welded-on mounting feet with 11 mm holes (2 slotted feet and 2 cross-shaped feet) | Flange plate                  | Yes  |
| Gland plates                    | Bottom  | Impact resistance             | 10 J version standard, 7 joules in acc. with IEC 60079-0 |
| Lid                             | Yes   | Lid attachment                | 4 hinges and M6 hex-head slotted screws SW10             |
| Material                        | Stainless steel 1.4404 (316L)   | Material thickness of cover   | 1.5 mm   |
| Material thickness of enclosure | 1.5 mm  | Material thickness of flange  | 3 mm   |
| Note: protection class          | If used in temperature ranges above 105 °C, IP protection is limited to IP 66.      | Number of lid screws          | 4  |
| Opening angle lid               | 130 °   | Operating temperature, max.   | 135 °C   |
| Operating temperature, min.     | -60 °C  | Position PE bolts             | Enclosure side C   |
| Protection class (UL)           | Type 3, Type 4X, Type 12  | Protection degree             | IP66, IP67   |
| Seal material                   | Silicone  | Seal material of flange plate | Silicone   |
| Surface finish                  | electropolished   | Torque for lid screws         | 2.5 Nm   |

**Housing earth**

|                            |  |                            |   |
|----------------------------|--|----------------------------|---|
| Earth, enclosure, cover    | Welded-on M6 stainless-steel earth stud in enclosure body and lid. | Earth, enclosure, external | Continuous M10 earth stud in body enclosure |
| Earth, enclosure, internal | Welded-on M6 stainless-steel earth stud in enclosure body and lid. |                            |   |

**horizontal assembly**

|                             |      |                 |      |
|-----------------------------|------|-----------------|------|
| WDU 10 / ZDU 10             | 2x25 | WDU 16 / ZDU 16 | 1x15 |
| WDU 2,5 / ZDU 2,5 / IDU 2,5 | 2x49 | WDU 4 / ZDU 4   | 2x41 |
| WDU 6 / ZDU 6               | 2x31 |                 |      |

**vertical assembly**

|                             |      |                 |      |
|-----------------------------|------|-----------------|------|
| WDU 10 / ZDU 10             | 2x25 | WDU 16 / ZDU 16 | 1x15 |
| WDU 2,5 / ZDU 2,5 / IDU 2,5 | 2x49 | WDU 4 / ZDU 4   | 2x41 |
| WDU 6 / ZDU 6               | 2x31 |                 |      |

**Classifications**

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC002503    | ETIM 7.0    | EC002503    |
| ETIM 8.0    | EC002503    | ETIM 9.0    | 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 | ECLASS 13.0 | 27-18-05-02 |

**Environmental Product Compliance**

|            |                                      |
|------------|--------------------------------------|
| REACH SVHC | Lead 7439-92-1                       |
| SCIP       | 64dfc213-93f0-4c79-8ffa-c97fa9dcb873 |

**KTB MH 353520 S4E1****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Technical data****Approvals**

Approvals



ROHS

Conform

**Downloads**

|   |  |
|---|--|
| Approval/Certificate/Document of Conformity | <a href="#">Attestation of Conformity - Klippon TB Empty Enclosures - AoC DE PS261X 160309 001ISS06</a><br><a href="#">CERTIFICADO - LMP 21.0016U KLIPPON TB</a><br><a href="#">CERTIFICADO LMP 21.0017 KLIPPON TB</a> |
| Engineering Data                            | <a href="#">CAD data – STEP</a>  |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>   |