Data sheet

# KTB MH 626215 S4E1

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

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 22 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: 620 mm, Depth: 150 mm, Gland plates: Bottom, Basic material: Stainless steel 1.4404 (316L), electropolished, silver |
| Order No. | 8000108862 |
| Type | KTB MH 626215 S4E1 |
| GTIN (EAN) | 4099986660694 |
| Qty. | 1 items |



Downloaded from Arrow.com.

# Data sheet

## KTB MH 626215 S4E1

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

www.weidmueller.com

# Technical data

### Approvals

| | |
|---|---|
| Approvals | |
| ROHS | Conform |

### Dimensions and weights

| | | | |
|---|---|---|---|
| Depth | 150 mm | Depth (inches) | 5.9055 inch |
| Height | 620 mm | Height (inches) | 24.4094 inch |
| Width | 620 mm | Width (inches) | 24.4094 inch |
| Net weight | 18900 g | | |

### Temperatures

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

### Environmental Product Compliance

| | |
|---|---|
| RoHS Compliance Status | Compliant with exemption |
| RoHS Exemption (if applicable/known) | 6c |
| REACH SVHC | Lead 7439-92-1 |
| SCIP | 64dfc213-93f0-4c79-8ffa-c97fa9dcb873 |

### Cable glands, left

| | | | |
|---|---|---|---|
| M63 | 5 | M75 | 0 |
| M12 | 75 | M50 | 6 |
| M16 | 60 | M32 | 9 |
| M25 | 26 | M20 | 32 |
| M40 | 8 | | |

### Cable glands, right

| | | | |
|---|---|---|---|
| M25 | 26 | M63 | 5 |
| M75 | 0 | M16 | 60 |
| M40 | 8 | M50 | 6 |
| M32 | 9 | M20 | 32 |
| M12 | 75 | | |

### Cable glands, top/bottom

| | | | |
|---|---|---|---|
| M20 | 34 | M12 | 84 |
| M63 | 5 | M40 | 9 |
| M32 | 11 | M25 | 28 |
| M50 | 7 | M75 | 0 |
| M16 | 63 | | |



Downloaded from Arrow.com.

# Data sheet

## KTB MH 626215 S4E1

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

www.weidmueller.com

# Technical data

### Certificate numbers enclosure

| | | | |
|---|---|---|---|
| Certificate No. UL Haz.Loc. | E223792 | Declaration of Conformatiy No. (DoC LVD) | DE PS261X 160412 001ISS03 |
| Certificate No. UL Ord.Loc. | E243298 | Certificate No. UL 508A | E223801 |
| Attestation of Conformatiy No. (AoC) | DE PS261X 160309 001ISS06 | Certificate No. UL Terminal Box | E223792 |
| Certificate no. empty enclosure (INMETRO) | LMP 21.0016U | Certificate no. Terminal Box (ATEX) | IBExU14ATEX1050 |
| Certificate no. empty enclosure (ATEX) | IBExU14ATEX1028 U | Certificate no. Terminal Box (INMETRO) | LMP 21.0017 |
| Certificate no. Terminal Box (IECEx) | IECEXIBE14.0013 | Certificate no. empty enclosure (IECEx) | IECEx IBE 14.0004U |
| Approval conditions | ATEX, IECEX, INMETRO, cULus | | |

### General information

| | | | |
|---|---|---|---|
| Material thickness of cover | 1.5 mm | Material thickness of flange | 3 mm |
| Material thickness of enclosure | 1.5 mm | Silicone | Yes |
| Operating temperature, max. | 135 °C | Operating temperature, min. | -60 °C |
| Lid attachment | 4 hinges and M6 hex-head slotted screws SW10 | 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 | Impact resistance | 10 J version standard, 7 joules in acc. with IEC 60079-0 |
| Protection degree | IP66, IP67 | Basic material | Stainless steel 1.4404 (316L) |
| Seal material | Silicone | Torque for lid screws | 2.5 Nm |
| Enclosure attachment | 4 welded-on mounting feet with 11 mm holes (2 slotted feet and 2 cross-shaped feet) | Seal material of cover | Silicone |
| Note: protection class | If used in temperature ranges above 105 °C, IP protection is limited to IP 66. | Seal material of flange plate | Silicone |
| Protection class (UL) | Type 3, Type 4X, Type 12 | Number of lid screws | 6 |
| Gland plates | Bottom | Opening angle lid | 130.00 ° |
| Flange plate | Yes | Lid | Yes |
| Position PE bolts | Enclosure side C | | |

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



Downloaded from Arrow.com.

# KTB MH 626215 S4E1

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

www.weidmueller.com

## Technical data

### vertical assembly

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

### Classifications

| | | | |
|---|---|---|---|
| ETIM 8.0 | EC002503 | ETIM 9.0 | EC002503 |
| ETIM 10.0 | EC002503 | ECLASS 14.0 | 27-18-05-02 |
| ECLASS 15.0 | 27-18-05-02 | | |



Downloaded from Arrow.com.

Weidmüller

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

www.weidmueller.com

# Accessories

## Gland plates without earthing studs



Integrate, expand and customise: The ideal expansion for every application
The consistent structure of accessories for the new Klippon® TB enclosure range means that you can easily adapt the enclosure to the specific requirements of each application.
Flange plates
Flange plates in two thicknesses, for easy replacement of pre-assembl

### General ordering data

| | | |
|---|---|---|
| Type | KTB GP XX6215 AB S4 3MM | Version |
| Order No. | 8000112991 | Klippon TB (Terminal Box), flange plate, straight, Height: 614 mm, |
| GTIN (EAN) | 4099986799332 | Width: 117 mm, Depth: 3 mm, Gland plates: Bottom, top, Basic |
| Qty. | 1 ST | material: Stainless steel 1.4404 (316L), electropolished, silver |

## Gland plates with earthing studs



Integrate, expand and customise: The ideal expansion for every application
The consistent structure of accessories for the new Klippon® TB enclosure range means that you can easily adapt the enclosure to the specific requirements of each application.
Flange plates
Flange plates in two thicknesses, for easy replacement of pre-assembl

### General ordering data

| | | |
|---|---|---|
| Type | KTB GP XX6215 AB S4 PE | Version |
| Order No. | 8000114895 | Klippon TB (Terminal Box), flange plate, straight, Height: 614 mm, |
| GTIN (EAN) | 4099986797345 | Width: 117 mm, Depth: 3 mm, Gland plates: top, Bottom, Basic |
| Qty. | 1 ST | material: Stainless steel 1.4404 (316L), electropolished, silver |

## Gland plates made out of stainless steel - 6 mm



Integrate, expand and customise: The ideal expansion for every application
The consistent structure of accessories for the new Klippon® TB enclosure range means that you can easily adapt the enclosure to the specific requirements of each application.
Flange plates
Flange plates in two thicknesses, for easy replacement of pre-assembl

### General ordering data

| | | |
|---|---|---|
| Type | KTB GP XX6215 AB S4 6MM | Version |
| Order No. | 8000114146 | Klippon TB (Terminal Box), flange plate, straight, Height: 614 mm, |
| GTIN (EAN) | 4099986804852 | Width: 117 mm, Depth: 6 mm, Gland plates: top, Bottom, Basic |
| Qty. | 1 ST | material: Stainless steel 1.4404 (316L), electropolished, silver |



Downloaded from Arrow.com.

# KTB MH 626215 S4E1

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

www.weidmueller.com

## Accessories

### 620 x 620mm



Integrate, expand and customise: The ideal expansion for every application
The consistent structure of accessories for the new Klippon® TB enclosure range means that you can easily adapt the enclosure to the specific requirements of each application.
Mounting plates
Mounting plates, with and without hole patterns, for longitudinal and transverse mounting of DIN mounting rails or components directly onto the mounting plate.

#### General ordering data

| | | |
|---|---|---|
| Type | KTB MOPL 6262 MSZN | Version |
| Order No. | 8000110200 | Klippon TB (Terminal Box), Mounting plate, Height: 565 mm, Width: |
| GTIN (EAN) | 4099986779372 | 559 mm, Depth: 12 mm, Basic material: Sheet steel, galvanized, silver |
| Qty. | 1 ST | |
| Type | KTB MOPL 6262 MSZN H | Version |
| Order No. | 8000115919 | Klippon TB (Terminal Box), Mounting plate, Height: 565 mm, Width: |
| GTIN (EAN) | 4099986783072 | 559 mm, Depth: 12 mm, Basic material: Sheet steel, galvanized, silver |
| Qty. | 1 ST | |
| Type | KTB MOPL 6262 S2N H | Version |
| Order No. | 8000115908 | Klippon TB (Terminal Box), Mounting plate, Height: 565 mm, Width: |
| GTIN (EAN) | 4099986782976 | 559 mm, Depth: 12 mm, Basic material: Stainless steel 1.4301 (304), |
| Qty. | 1 ST | untreated, silver |

### Type label holder



Integrate, expand and customise: The ideal expansion for every application
The consistent structure of accessories for the new Klippon® TB enclosure range means that you can easily adapt the enclosure to the specific requirements of each application.
Nameplate holders
There are a variety of designed label holders available for prominent display as required and for additional nameplates as needed.

#### General ordering data

| | | |
|---|---|---|
| Type | TPSDHA KTB 70X70M3 S2 R | Version |
| Order No. | 1279320000 | Klippon TB (Terminal Box), Ratings plate holder, Riveted, Height: 70 |
| GTIN (EAN) | 4050118070101 | mm, Width: 70 mm, Depth: 20 mm, Basic material: Stainless steel |
| Qty. | 1 ST | 1.4301, Stainless steel 1.4301 (304), Mirror polished, silver |



Downloaded from Arrow.com.

# KTB MH 626215 S4E1

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

www.weidmueller.com

## Accessories

### Installation material



Integrate, expand and customise - the perfect supplement to every application
The fully structured range of system accessories for the new Klippon® TB enclosure series allows you to easily adapt the enclosures to meet the specific requirements of every application.
Mounting hardware kits
Mounting hardware kits are available for quick and easy installation of type label holders, document holders and rain hoods.
The label fastening set – SD is required to install a plastic (Trafolyte) ID or type label. With the aid of this set can you mount the ID or type label directly on the enclosure cover. The label fastening set has been specially developed for this purpose. Only by using this fastening set can you ensure that there will be no leaks into the enclosure or damage to the label.
The universal fastening set – TPSD has been developed to enable secure and quick installation of type label holders, rain covers or document holders, for example. By using this fastening set, the risk of leaks can be minimised, if not avoided.

### General ordering data

| | | |
|---|---|---|
| Type | SD FIXING SET | Version |
| Order No. | 1285200000 | Klippon TB (Terminal Box), Identification plate fixing set, Height: 12 |
| GTIN (EAN) | 4050118075472 | mm, Width: 12 mm, Depth: 16.4 mm, Basic material: Stainless steel, |
| Qty. | 1 ST | rust-proof, untreated, silver |
| Type | TPSD FIXING SET KTB | Version |
| Order No. | 1252190000 | Klippon TB (Terminal Box), Type plate fixings set, Basic material: |
| GTIN (EAN) | 4050118043969 | Stainless steel, rust-proof, untreated, silver |
| Qty. | 20 ST | |

### Earthing stud



Integrate, expand and customise: The ideal expansion for every application
The consistent structure of accessories for the new Klippon® TB enclosure range means that you can easily adapt the enclosure to the specific requirements of each application.
Earthing bolt
Earthing bolts to exchange as a complete component in two versions – brass and stainless steel.

### General ordering data

| | | |
|---|---|---|
| Type | PEBZ M10 KTB BR SET | Version |
| Order No. | 1192680000 | Klippon TB (Terminal Box), Earthing stud, Miscellaneous, Height: |
| GTIN (EAN) | 4032248974641 | 21 mm, Width: 21 mm, Depth: 48.7 mm, Basic material: Brass, |
| Qty. | 1 ST | untreated, silver |



Downloaded from Arrow.com.

# KTB MH 626215 S4E1

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

www.weidmueller.com

## Accessories

| | | |
|---|---|---|
| Type | PEBZ M10 KTB S4 SET | Version |
| Order No. | 1192690000 | Klippon TB (Terminal Box), Earthing stud, Miscellaneous, Height: 21 |
| GTIN (EAN) | 4032248974658 | mm, Width: 21 mm, Depth: 48.7 mm, Basic material: Stainless steel |
| Qty. | 1 ST | 1.4404 (316L), untreated, silver |

### TS 20



Integrate, expand and customise: The ideal expansion for every application
The consistent structure of accessories for the new Klippon® TB enclosure range means that you can easily adapt the enclosure to the specific requirements of each application.
Terminal rails
The mounting rails are available in two sizes for mounting DIN rails (e.g. electronics, terminals) components in the enclosures.

#### General ordering data

| | | |
|---|---|---|
| Type | TS20/CX10 ST ZN 6262 HOR | Version |
| Order No. | 8000117055 | Klippon TB (Terminal Box), Enclosures, with slot, Height: 20 mm, |
| GTIN (EAN) | 4099986829947 | Width: 566 mm, Depth: 10 mm, Basic material: Steel, galvanized, |
| Qty. | 20 ST | silver |
| Type | TS20/CX10 ST ZN 6262 VER | Version |
| Order No. | 8000117042 | Klippon TB (Terminal Box), Enclosures, straight, Height: 20 mm, |
| GTIN (EAN) | 4099986829848 | Width: 566 mm, Depth: 10 mm, Basic material: Steel, galvanized, |
| Qty. | 20 ST | silver |

### Depth 15 mm



Integrate, expand and customise: The ideal expansion for every application
The consistent structure of accessories for the new Klippon® TB enclosure range means that you can easily adapt the enclosure to the specific requirements of each application.
Terminal rails
The mounting rails are available in two sizes for mounting DIN rails (e.g. electronics, terminals) components in the enclosures.

#### General ordering data

| | | |
|---|---|---|
| Type | TS35X15 ST KTB6262 HOR | Version |
| Order No. | 8000116375 | Klippon TB (Terminal Box), Enclosures, without slot, Height: 35 mm, |
| GTIN (EAN) | 4099986820838 | Width: 545 mm, Depth: 15 mm, Basic material: Steel, galvanic zinc |
| Qty. | 20 ST | plated and passivated, silver |
| Type | TS35X15 ST KTB6262 VER | Version |
| Order No. | 8000116357 | Klippon TB (Terminal Box), Enclosures, without slot, Height: 35 mm, |
| GTIN (EAN) | 4099986820739 | Width: 551 mm, Depth: 15 mm, Basic material: Steel, galvanic zinc |
| Qty. | 20 ST | plated and passivated, silver |



Downloaded from Arrow.com.

# KTB MH 626215 S4E1

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

www.weidmueller.com

## Accessories

### Depth 7.5 mm



Integrate, expand and customise: The ideal expansion for every application
The consistent structure of accessories for the new Klippon® TB enclosure range means that you can easily adapt the enclosure to the specific requirements of each application.
Terminal rails
The mounting rails are available in two sizes for mounting DIN rails (e.g. electronics, terminals) components in the enclosures.

#### General ordering data

| | | |
|---|---|---|
| Type | TS35X7.5 ST KTB6262 HOR | Version |
| Order No. | 8000116115 | Klippon TB (Terminal Box), Enclosures, without slot, Height: 35 mm, |
| GTIN (EAN) | 4099986820630 | Width: 545 mm, Depth: 7.5 mm, Basic material: Steel, galvanic zinc |
| Qty. | 20 ST | plated and passivated, silver |
| Type | TS35X7.5 ST KTB6262 VER | Version |
| Order No. | 8000116105 | Klippon TB (Terminal Box), Enclosures, without slot, Height: 35 mm, |
| GTIN (EAN) | 4099986820517 | Width: 551 mm, Depth: 7.5 mm, Basic material: Steel, galvanic zinc |
| Qty. | 20 ST | plated and passivated, silver |

### Mounting plates



Mounting plates, with and without hole patterns, for longitudinal and transverse mounting of DIN mounting rails or components directly onto the mounting plate.

#### General ordering data

| | | |
|---|---|---|
| Type | GFSC M5X10 TX20 SET | Version |
| Order No. | 1274150000 | Klippon EB (Essential Box), Mounting screw, Height: 13.3 mm, Width: |
| GTIN (EAN) | 4050118063820 | 8.5 mm, Depth: 8.5 mm, Basic material: Steel, galvanized, galvanic |
| Qty. | 1 ST | zinc plated and passivated, silver |



Downloaded from Arrow.com.

# KTB MH 626215 S4E1

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

www.weidmueller.com

## Accessories

### Installation material



Integrate, expand and customise - the perfect supplement to every application
The fully structured range of system accessories for the new Klippon® TB enclosure series allows you to easily adapt the enclosures to meet the specific requirements of every application.
Mounting hardware kits
Mounting hardware kits are available for quick and easy installation of type label holders, document holders and rain hoods.
The label fastening set – SD is required to install a plastic (Trafolyte) ID or type label. With the aid of this set can you mount the ID or type label directly on the enclosure cover. The label fastening set has been specially developed for this purpose. Only by using this fastening set can you ensure that there will be no leaks into the enclosure or damage to the label.
The universal fastening set – TPSD has been developed to enable secure and quick installation of type label holders, rain covers or document holders, for example. By using this fastening set, the risk of leaks can be minimised, if not avoided.

### General ordering data

| | | |
|---|---|---|
| Type | FKSC M6X8 D9/SW3 | Version |
| Order No. | 0642600000 | Klippon TB (Terminal Box), Mounting screw, Basic material: Steel |
| GTIN (EAN) | 4008190058258 | |
| Qty. | 50 ST | |



Downloaded from Arrow.com.