

## Klippon K (aluminium empty enclosure) KLIPPON K4 EX

**Weidmüller Interface GmbH & Co. KG**  
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Improved products that meet all application requirements: this was Weidmüller's aim when modernising and upgrading the Klippon® K enclosure series. No matter what kind of application the customer is planning; Weidmüller is able to provide a wide range of aluminium enclosures precisely fitting the customer's requirements.

- Available in two surface finishes: natural and powder-coated (RAL 7001)
- Available with moulded silicone or chloroprene gasket as standard
- Uniform Torx slotted screw head for 19 enclosure sizes
- Mounting holes outside of the gasket area
- High IP protection classes: IP66, IP67 and IP68
- Impact resistance of up to 7 (10) Joules
- The enclosures are approved according ATEX, IECEx, GOST Ex, GOST, cULus, Russian Maritime Register and Germanischer Lloyd as well as the empty enclosure standard.
- Alloy is resistant to salt water
- Standardised distributor enclosures with threaded holes and a variety of terminal configurations

### General ordering data

|            |  |
|------------|--|
| Type       | KLIPPON K4 EX  |
| Order No.  | <a href="#">9526910000</a>   |
| Version    | Klippon K (aluminium empty enclosure), Empty enclosure, Aluminium enclosure, Height: 82 mm, Width: 130 mm, Depth: 72 mm, Material: Aluminium AlSi12, untreated, silver |
| GTIN (EAN) | 4032248019083  |
| Qty.       | 1 pc(s).   |

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**Technical data****Dimensions and weights**

|                            |        |                             |            |
|----------------------------|--------|-----------------------------|------------|
| Width                      | 130 mm | Width (inches)              | 5.118 inch |
| Height                     | 82 mm  | Height (inches)             | 3.228 inch |
| Depth                      | 72 mm  | Depth (inches)              | 2.835 inch |
| Mounting dimension - width | 116 mm | Mounting dimension - height | 68 mm      |
| Weight                     | 620 g  | Net weight                  | 663 g      |

**Environmental Product Compliance**

REACH SVHC Lead 7439-92-1

**Cable glands, left**

|     |   |     |   |
|-----|---|-----|---|
| M12 | 2 | M16 | 2 |
| M20 | 1 | M25 | 1 |
| M32 | 1 |     |   |

**Cable glands, right**

|     |   |     |   |
|-----|---|-----|---|
| M12 | 2 | M16 | 2 |
| M20 | 1 | M25 | 1 |
| M32 | 1 |     |   |

**Cable glands, top/bottom**

|     |   |     |   |
|-----|---|-----|---|
| M12 | 5 | M16 | 3 |
| M20 | 2 | M25 | 2 |

**Certificate numbers enclosure**

|   |                      |   |                      |
|---|----------------------|---|----------------------|
| Certificate no. assembled enclosure (ATEX)  | IBExU12ATEX1145 X    | Certificate no. empty enclosure (ATEX)  | IBExU12ATEX1144 U    |
| Certificate no. assembled enclosure (IECEX) | IECEX IBE 13.0002X   | Certificate no. empty enclosure (IECEX) | IECEX IBE 13.0001U   |
| Certificate no., assembled enclosure (EAC)  | RU C-DE.ГБ08.В.01328 | Certificate no., empty enclosure (EAC)  | RU C-DE.ГБ08.В.00472 |
| Certificate No. (GERMILLOYD)                | TAE00002SM           | Certificate No. (MARITREG)              | 19.00108.272         |

**General information**

|                             |   |                                 |                   |
|-----------------------------|---|---------------------------------|-------------------|
| Areas of use                | Explosive risk zone, Process industry, Transportation, Packaging industry, Marine engineering, Machine construction, Harbour facilities | Material thickness              | 4 mm              |
| Material thickness of cover | 2.5 mm  | Material thickness of enclosure | 4 mm              |
| Standards                   | IEC 60079-0, IEC 60079-7, IEC 60079-31  | Torque for lid screws           | 2.5 Nm            |
| Material                    | Aluminium AlSi12  | Seal material                   | Silicone          |
| Surface finish              | untreated   | Operating temperature, min.     | -60 °C            |
| Operating temperature, max. | 135 °C  | Impact resistance               | 7.00 J            |
| Protection degree           | IP66, IP67  | Enclosure attachment            | Holes 5 mm        |
| Lid attachment              | M4 torx stainless steel screws with slot  | Integral fixing                 | Threaded holes M5 |

Creation date April 30, 2020 7:47:11 PM CEST

Catalogue status 17.04.2020 / We reserve the right to make technical changes.

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## Technical data

### horizontal assembly

|                             |   |               |   |
|-----------------------------|---|---------------|---|
| WDU 2,5 / ZDU 2,5 / IDU 2,5 | * | WDU 4 / ZDU 4 | * |
|-----------------------------|---|---------------|---|

### vertical assembly

|                 |     |                             |     |
|-----------------|-----|-----------------------------|-----|
| WDU 10 / ZDU 10 | 1x2 | WDU 2,5 / ZDU 2,5 / IDU 2,5 | 1x5 |
| WDU 4 / ZDU 4   | 1x4 | WDU 6 / ZDU 6               | 1x3 |

### Classifications

|             |             |            |             |
|-------------|-------------|------------|-------------|
| ETIM 6.0    | EC002503    | ETIM 7.0   | EC002503    |
| eClass 9.0  | 27-18-05-02 | eClass 9.1 | 27-18-05-02 |
| eClass 10.0 | 27-18-05-02 | UNSPSC     | 31-26-15-02 |

### Approvals

Approvals



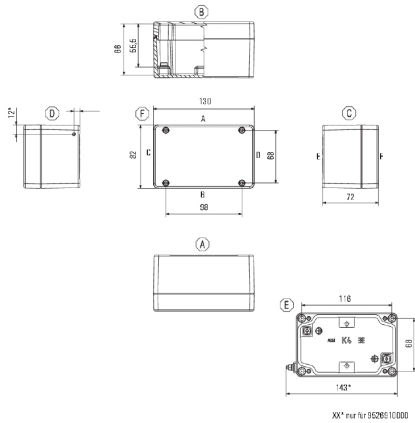
ROHS Conform

### Downloads

|   |   |
|---|---|
| Approval/Certificate/Document of Conformity | <a href="#">Attestation of Conformity - Klippon K Empty Enclosures - AoC DE PS2410_160308_001ISS01</a><br><a href="#">EU Declaration of Conformity - Klippon K Empty Enclosures - DoC DE PS2410_160412_001ISS01</a> |
| Brochure/Catalogue                          | <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="#">CAT 5 ENCL 17/18 EN</a><br><a href="#">FL RAILWAY 2014 EN</a>                    |
| Engineering Data                            | <a href="#">EPLAN.WSCAD</a>   |
| Engineering Data                            | <a href="#">STEP</a>  |
| Tender specification                        | <a href="#">Klippon K4 Ex_9526910000_DE</a><br><a href="#">Klippon K4 Ex_9526910000_EN</a>  |
| User Documentation                          | <a href="#">MB KLIPPON ENCL.TECN DE</a><br><a href="#">Assembly guidelines - empty enclosures</a>   |

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**Drawings****Dimensioned drawing**

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# Accessories

## Klippon® K - Mounting plates



The Klippon® brand has long stood for competence and quality in housings – particularly when turnkey, customer-specific solutions for standard industrial applications and applications in explosive risk zones are concerned. Improved products that meet all application requirements: this was Weidmüller's aim when modernising and upgrading the Klippon® K enclosure series. No matter what kind of application the customer is planning; Weidmüller is able to provide a wide range of aluminium enclosures precisely fitting the customer's requirements.

### General ordering data

|            |                            |   |
|------------|----------------------------|---|
| Type       | MOPL K4 STAHL              | Version   |
| Order No.  | <a href="#">3073060000</a> | Klippon K (aluminium empty enclosure), Mounting plate, Mounting   |
| GTIN (EAN) | 4008190857998              | plate, Height: 68 mm, Width: 116 mm, Depth: 2 mm, Material: Sheet |
| Qty.       | 1 pc(s).                   | steel, galvanized, galvanized, silver                             |

## 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 you can 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.  | <a href="#">1285200000</a> | Klippon TB (Terminal Box), Identification plate fixing set, Material:  |
| GTIN (EAN) | 4050118075472              | Stainless steel, rust-proof, untreated, silver                         |
| Qty.       | 1 pc(s).                   |  |
| Type       | TPSD FIXING SET KTB        | Version  |
| Order No.  | <a href="#">1252190000</a> | Klippon TB (Terminal Box), Type plate fixings set, Material: Stainless |
| GTIN (EAN) | 4050118043969              | steel, rust-proof, untreated, silver                                   |
| Qty.       | 1 pc(s).                   |  |

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**Accessories**

**Klippon® K - Hinge**



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**General ordering data**

|            |                            |  |
|------------|----------------------------|--|
| Type       | HG K+POK                   | Version  |
| Order No.  | <a href="#">1580360000</a> | Klippon POK (polyester empty enclosure), External joint, Hinge, silver |
| GTIN (EAN) | 4008190203542              |  |
| Qty.       | 1 pc(s).                   |  |

**Screwing**



**Klippon® Connect with clamping yoke Technology**  
The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easier and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

**General ordering data**

|            |                            |   |
|------------|----------------------------|---|
| Type       | FKSC M5X8 D9/SW2.5         | Version   |
| Order No.  | <a href="#">0295900000</a> | SAK Series, Allen hex screw, Screws, Number of poles: 1 |
| GTIN (EAN) | 4008190133337              |   |
| Qty.       | 50 pc(s).                  |   |

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**Accessories**

**TS 15**



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**General ordering data**

|            |                            |   |
|------------|----------------------------|---|
| Type       | TS15X5 ST K4               | Version   |
| Order No.  | <a href="#">8000037609</a> | Rail, TS 15, Length: 177 mm, without slot, Steel, galvanized, |
| GTIN (EAN) | 4050118682489              | chromium-plated   |
| Qty.       | 20 pc(s).                  |   |