# KLIPPON K6 EX RAL7001

## Similar to illustration



The aluminium Klippon® K enclosures are suitable for use in an extremely wide range of different areas. Various components can be installed inside the enclosures, and will benefit in particular from the high temperature resistance, the excellent IP protection and the good impact resistance.

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.

Klippon® K enclosures for hazardous areas are available on request.

Our extensive product range offers the following advantages:

- Available in two surface finishes: natural and powder-coated (RAL 7001)
- With chloroprene moulded seal as standard (silicone moulded seal optionally available)
- Standardised closure system with Torx slotted screw head for 19 enclosure sizes
- Mounting holes outside of the gasket area
- High IP protection classes: IP66, IP67 and IP68 according to DIN EN 60529
- Impact resistance of up to 7 (10) Joules
- The enclosures are approved according ATEX, IECEx, cULus, and DNV GL as well as the empty enclosure standard.

- Suitable for railway applications according to EN 45545-2:2013
- Alloy is resistant to salt water
- Standardised distributor enclosures with threaded holes and a variety of terminal configurations

## General ordering data

| | |
|---|---|
| Version | Klippon K (aluminium empty enclosure), Empty enclosure, Aluminium enclosure, Height: 160 mm, Width: 200 mm, Depth: 100 mm, Basic material: Aluminium AlSi12, Powder-coated, textured, Silver grey |
| Order No. | 1329740000 |
| Type | KLIPPON K6 EX RAL7001 |
| GTIN (EAN) | 4050118133493 |
| Qty. | 1 items |

## KLIPPON K6 EX RAL7001

## Technical data

### Approvals

| | |
|---|---|
| Approvals | CE / Ex ATEX - SIRA / IECEx / UKCA |
| ROHS | Conform |

### Dimensions and weights

| | | | |
|---|---|---|---|
| Depth | 100 mm | Depth (inches) | 3.937 inch |
| Height | 160 mm | Height (inches) | 6.2992 inch |
| Width | 200 mm | Width (inches) | 7.874 inch |
| Mounting dimension - height | 140 mm | Mounting dimension - width | 180 mm |
| Net weight | 1677.28 g | | |

### Temperatures

| | |
|---|---|
| Operating temperature | -60 °C...135 °C |

### Environmental Product Compliance

| | |
|---|---|
| RoHS Compliance Status | Compliant without exemption |
| REACH SVHC | No SVHC above 0.1 wt% |

### Cable glands, left

| | | | |
|---|---|---|---|
| M12 | 6 | M16 | 6 |
| M32 | 2 | M25 | 2 |
| M20 | 3 | M40 | 1 |

### Cable glands, right

| | | | |
|---|---|---|---|
| M25 | 2 | M16 | 6 |
| M40 | 1 | M32 | 2 |
| M20 | 3 | M12 | 6 |

### Cable glands, top/bottom

| | | | |
|---|---|---|---|
| M20 | 7 | M12 | 17 |
| M40 | 2 | M32 | 3 |
| M25 | 4 | M16 | 12 |

### Certificate numbers enclosure

| | | | |
|---|---|---|---|
| Declaration of Conformatiy No. (DoC LVD) | DE PS2410 160412 001ISS03 | Attestation of Conformatiy No. (AoC) | DE PS2410 160308 001ISS03 |
| Certificate no. empty enclosure (INMETRO) | LMP 23.0526U | Certificate no. Terminal Box (ATEX) | IBExU12ATEX1145 X |
| Certificate no. empty enclosure (ATEX) | IBExU12ATEX1144 U | Certificate no. Terminal Box (INMETRO) | LMP 23.0527X |
| Certificate no. Terminal Box (IECEx) | IECEx IBE 13.0002X | Certificate no. empty enclosure (IECEx) | IECEx IBE 13.0001U |
| Certificate No. (IECEX) | IECEXIBE13.0001U | Certificate No. (ATEX) | IBEXU12ATEX1145X |
| Approval conditions | DNV, GL, RMRS, ATEX, IECEX, UL AEx Class Div., CCC, INMETRO | | |

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## KLIPPON K6 EX RAL7001

## Technical data

### General information

| | | | |
|---|---|---|---|
| Material thickness of cover | 3 mm | Material thickness of enclosure | 4.6 mm |
| Operating temperature, max. | 135 °C | Operating temperature, min. | -60 °C |
| Lid attachment | M5 torx stainless steel screws with slot | Installation advice | Lid screws included |
| Standards | IEC 60079-0, IEC 60079-7, IEC 60079-31, EN 45545-2:2013 | Surface finish | Powder-coated, textured |
| Impact resistance | 7 J ATEX version | Protection degree | IP66, IP67 |
| Basic material | Aluminium AlSi12 | Seal material | Silicone |
| Torque for lid screws | 2.5 Nm | Integral fixing | Threaded holes M5 |
| Enclosure attachment | Holes 6 mm | Number of lid screws | 4 |
| Access opening: width | 190.8 mm | Flange plate | No |
| Lid | Yes | Access opening: height | 150.8 mm |
| Areas of use | Explosive risk zone, Process industry, Transportation, Packaging industry, Marine engineering, Machine construction, Harbour facilities | | |

### horizontal assembly

| | | | |
|---|---|---|---|
| WDU 10 / ZDU 10 | 1x12 | WDU 16 / ZDU 16 | 1x10 |
| WDU 2,5 / ZDU 2,5 / IDU 2,5 | 1x25 | WDU 4 / ZDU 4 | 1x21 |
| WDU 6 / ZDU 6 | 1x16 | | |

### vertical assembly

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

### 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 | | |

## KLIPPON K6 EX RAL7001

### Dimensioned drawing
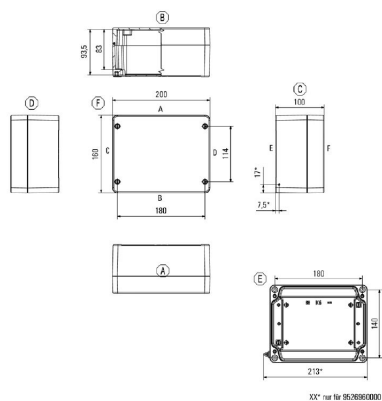
# KLIPPON K6 EX RAL7001

## Accessories

### Klippon® K - Hinge

The system accessories for the Klippon® K enclosure series allows you to easily adapt the enclosures to meet the specific requirements of every application.
- DIN Rails TS 35 and TS15
- Mounting plates
- Hinges
- Wall-mounted holder

Weidmüller can manufacture and supply this enclosure - according to customer specifications - fitted with all necessary terminals and cable glands.

#### General ordering data

| Type | HG K+POK | Version |
|---|---|---|
| Order No. | 1580360000 | Klippon POK (polyester empty enclosure), External joint, Hinge, Basic |
| GTIN (EAN) | 4008190203542 | material: Aluminium AlSi12, silver |
| Qty. | 1 ST | |

### Klippon® K - Mounting plates

The system accessories for the Klippon® K enclosure series allows you to easily adapt the enclosures to meet the specific requirements of every application.
- DIN Rails TS 35 and TS15
- Mounting plates
- Hinges
- Wall-mounted holder

Weidmüller can manufacture and supply this enclosure - according to customer specifications - fitted with all necessary terminals and cable glands.

#### General ordering data

| Type | MOPL K6 STAHL | Version |
|---|---|---|
| Order No. | 3073110000 | Klippon K (aluminium empty enclosure), Mounting plate, Mounting |
| GTIN (EAN) | 4008190858049 | plate, Height: 145 mm, Width: 183 mm, Depth: 2 mm, Basic material: |
| Qty. | 1 ST | Sheet steel, galvanized, galvanized, silver |

### Depth 7.5 mm

The system accessories for the Klippon® K enclosure series allows you to easily adapt the enclosures to meet the specific requirements of every application.
- DIN Rails TS 35 and TS15
- Mounting plates
- Hinges
- Wall-mounted holder

Weidmüller can manufacture and supply this enclosure - according to customer specifications - fitted with all necessary terminals and cable glands.

#### General ordering data

| Type | TS35/172 KLIPPON K6 CSS | Version |
|---|---|---|
| Order No. | 1910110000 | Rail, TS 35, TS 35 x 7.5, Width: 172 mm, without slot, Steel, |
| GTIN (EAN) | 4032248537020 | galvanized, chromium-plated |
| Qty. | 1 ST | |

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# KLIPPON K6 EX RAL7001

## Accessories

### Klippon® K - Wall-mounted holder
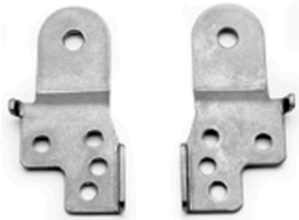


The system accessories for the Klippon® K enclosure series allows you to easily adapt the enclosures to meet the specific requirements of every application.
• DIN Rails TS 35 and TS15
• Mounting plates
• Hinges
• Wall-mounted holder
Weidmüller can manufacture and supply this enclosure - according to customer specifications - fitted with all necessary terminals and cable glands.

#### General ordering data

| Type | KLIPPON K MF KIT 16 | Version | |
|---|---|---|---|
| Order No. | 9529080000 | Klippon K (aluminium empty enclosure), Mounting foot, Fixing lugs, | |
| GTIN (EAN) | 4008190916299 | Height: 70 mm, Width: 33.5 mm, Depth: 12 mm, Basic material: | |
| Qty. | 1 ST | Stainless steel 1.4301, 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 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 | 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 | | |
| 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 | |

**Weidmüller** ⇒⊏

## Accessories

### Mounting support

We offer a broad portfolio of mounting support for easy handling and supplementation of our products. From various tools to insulating sleeves and various screws, our components are matched to each other down to the last detail and thus facilitate assembly in compliance with the respective standards and protective regulations.

#### General ordering data

| Type | FKSC M5X8 D9/SW2.5 | Version | |
|---|---|---|---|
| Order No. | 0295900000 | SAK Series, Allen hex screw, Screws, Number of poles: 1 | |
| GTIN (EAN) | 4008190133337 | | |
| Qty. | 50 ST | | |

### Depth 7.5 mm

The system accessories for the Klippon® K enclosure series allows you to easily adapt the enclosures to meet the specific requirements of every application.
• DIN Rails TS 35 and TS15
• Mounting plates
• Hinges
• Wall-mounted holder
Weidmüller can manufacture and supply this enclosure - according to customer specifications - fitted with all necessary terminals and cable glands.

#### General ordering data

| Type | TS35X7.5 ST K6 | Version | |
|---|---|---|---|
| Order No. | 8000003903 | Rail, TS 35, TS 35 x 7.5, Width: 172 mm, without slot, Steel, | |
| GTIN (EAN) | 4050118652666 | galvanized, chromium-plated | |
| Qty. | 20 ST | | |

### Depth 15 mm

The system accessories for the Klippon® K enclosure series allows you to easily adapt the enclosures to meet the specific requirements of every application.
• DIN Rails TS 35 and TS15
• Mounting plates
• Hinges
• Wall-mounted holder
Weidmüller can manufacture and supply this enclosure - according to customer specifications - fitted with all necessary terminals and cable glands.

#### General ordering data

| Type | TS35X15 ST K6 | Version | |
|---|---|---|---|
| Order No. | 8000073096 | Rail, TS 35, TS 35 x 15, Width: 172 mm, with slot, Steel, galvanic zinc | |
| GTIN (EAN) | 4064675337072 | plated and passivated | |
| Qty. | 20 ST | | |

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