# KLIPPON K1

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

www.weidmueller.com

## 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: 70 mm, Width: 70 mm, Depth: 45 mm, Material: Aluminium AlSi12, untreated, silver |
| Order No. | 0342000000 |
| Type | KLIPPON K1 |
| GTIN (EAN) | 4008190055448 |
| Qty. | 10 pc(s). |
| Unassembled to fit rail | 1909980000 |

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## Technical data

### Dimensions and weights

| | | | |
|---|---|---|---|
| Depth | 45 mm | Depth (inches) | 1.772 inch |
| Height | 70 mm | Height (inches) | 2.756 inch |
| Width | 70 mm | Width (inches) | 2.756 inch |
| Mounting dimension - height | 42 mm | Mounting dimension - width | 58 mm |
| Net weight | 247.5 g | | |

### Temperatures

| | |
|---|---|
| Operating temperature | -40 °C...80 °C |

### Cable glands, left

| | | | |
|---|---|---|---|
| M12 | 1 | M16 | 1 |

### Cable glands, right

| | | | |
|---|---|---|---|
| M12 | 1 | M16 | 1 |

### Cable glands, top/bottom

| | | | |
|---|---|---|---|
| M12 | 2 | M16 | 2 |
| M20 | 1 | | |

### Certificate numbers enclosure

| | | | |
|---|---|---|---|
| Approval conditions | cULus, RMRS, DNV | Certificate No. (DNV) | TAE00002SM |
| Certificate no. (cULus) | E197061 | Declaration of Conformatiy No. (DoC LVD) | DE_PS2410_160412_001ISS01 |

### General information

| | | | |
|---|---|---|---|
| Access opening: height | 63 mm | Access opening: width | 63 mm |
| Areas of use | Process industry, Transportation, Marine engineering, Packaging industry, Harbour facilities, Machine construction | Enclosure attachment | Holes 4 mm |
| Flange plate | No | Impact resistance | 10 J version standard |
| Integral fixing | Threaded holes M4 | Lid | Yes |
| Lid attachment | M4 torx stainless steel screws with slot | Material | Aluminium AlSi12 |
| Material thickness of cover | 3 mm | Material thickness of enclosure | 3.5 mm |
| Max. payload | 0.49 kg | Note: protection class | IP68 (t=72h, h=1m) |
| Number of lid screws | 4 | Operating temperature, max. | 80 °C |
| Operating temperature, min. | -40 °C | Protection class (UL) | Type 4, Type 4X |
| Protection degree | IP66, IP67, IP68 | Seal material | Chloroprene |
| Standards | EN 45545-2:2013 | Surface finish | untreated |
| Torque for lid screws | 2.5 Nm | | |

### horizontal assembly

| | | | |
|---|---|---|---|
| WDU 2,5 / ZDU 2,5 / IDU 2,5 | 1x5 | WDU 4 / ZDU 4 | 1x1* |

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## Technical data

### vertical assembly

| | | | |
|---|---|---|---|
| WDU 2,5 / ZDU 2,5 / IDU 2,5 | 1x1* | WDU 4 / ZDU 4 | 1x1* |

### Classifications

| | | | |
|---|---|---|---|
| ETIM 6.0 | EC000261 | ETIM 7.0 | EC000261 |
| ETIM 8.0 | EC000261 | ETIM 9.0 | EC000261 |
| ECLASS 9.0 | 27-18-01-01 | ECLASS 9.1 | 27-18-92-90 |
| ECLASS 10.0 | 27-18-01-01 | ECLASS 11.0 | 27-18-01-01 |
| ECLASS 12.0 | 27-18-01-01 | ECLASS 13.0 | 27-18-01-01 |

### Environmental Product Compliance

| | |
|---|---|
| REACH SVHC | Lead 7439-92-1 |
| SCIP | 9e4cab4e-239c-4e14-b9df-a0fee300d28a |

### Approvals

| | |
|---|---|
| Approvals | |
| ROHS | Conform |
| UL File Number Search | UL Website |
| Certificate no. (cULus) | E197061 |

### Downloads

| | |
|---|---|
| Approval/Certificate/Document of Conformity | TAE00002SM<br>EU Declaration of Conformity - Klippon K Empty Enclosures - DoC DE PS2410 160412 001ISS02<br>DoM Klippon K salt water resistance<br>DoM Klippon K EN 45545-2 2013 Railway |
| Engineering Data | CAD data – STEP |
| Tender specification | Klippon K1_0342000000_DE<br>Klippon K1_0342000000_EN |
| User Documentation | Assembly guidelines - empty enclosures |
| Catalogues | Catalogues in PDF-format |
| Brochures | MB KLIPPON ENCL.TECN EN<br>FL RAILWAY 2014 EN<br>FL RAILWAY 2014 EN |

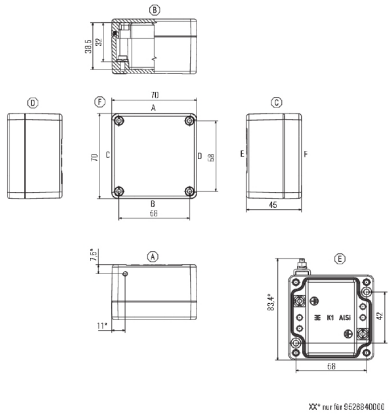
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## Drawings

### Dimensioned drawing



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## Accessories

### 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

### General ordering data

| | | |
|---|---|---|
| Type | MOPL K1 N FE | Version |
| Order No. | 1905280000 | Klippon K (aluminium empty enclosure), Mounting plate, Mounting |
| GTIN (EAN) | 4032248524426 | plate, Height: 52 mm, Width: 61 mm, Depth: 3 mm, Material: Sheet |
| Qty. | 1 pc(s). | steel, galvanized, galvanized, silver |

### TS 15



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

### General ordering data

| | | |
|---|---|---|
| Type | TS15X5 ST K1 | Version |
| Order No. | 8000003883 | Rail, TS 15, Width: 60 mm, without slot, Steel, galvanic zinc plated |
| GTIN (EAN) | 4050118653328 | and passivated |
| Qty. | 20 pc(s). | |
| Type | TS15 60 KLippon K1 CSS | Version |
| Order No. | 1909980000 | Rail, TS 15, Width: 60 mm, without slot, Steel, galvanized, chromium- |
| GTIN (EAN) | 4032248536900 | plated |
| Qty. | 1 pc(s). | |

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## Accessories

### Screws



Depending on the terminal block or also accessories, we offer different types of screws as additional items or also spare parts.

### General ordering data

| | | |
|---|---|---|
| Type | FKSC M4X6 D8/SW2 | Version |
| Order No. | 1567480000 | SAK Series, Allen hex screw, Screws, Number of poles: 1 |
| GTIN (EAN) | 4008190033491 | |
| Qty. | 100 pc(s). | |