

KLIPPON K52 RAL7001**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: 160 mm, Width: 160 mm, Depth: 91 mm, Material: Aluminium AISi12, Powder-coated, textured, Silver grey |
| Order No. | 9529230000 |
| Type | KLIPPON K52 RAL7001 |
| GTIN (EAN) | 4008190918125 |
| Qty. | 1 pc(s). |
| Unassembled to fit rail | 1910100000 |

KLIPPON K52 RAL7001**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data**Dimensions and weights**

| | | | |
|-----------------------------|---------|----------------------------|------------|
| Depth | 91 mm | Depth (inches) | 3.583 inch |
| Height | 160 mm | Height (inches) | 6.299 inch |
| Width | 160 mm | Width (inches) | 6.299 inch |
| Mounting dimension - height | 110 mm | Mounting dimension - width | 140 mm |
| Net weight | 1,613 g | | |

Temperatures

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

Cable glands, left

| | | | |
|-----|---|-----|---|
| M12 | 8 | M16 | 5 |
| M20 | 3 | M25 | 2 |
| M32 | 1 | | |

Cable glands, right

| | | | |
|-----|---|-----|---|
| M12 | 8 | M16 | 5 |
| M20 | 3 | M25 | 2 |
| M32 | 1 | | |

Cable glands, top/bottom

| | | | |
|-----|----|-----|---|
| M12 | 14 | M16 | 8 |
| M20 | 5 | M25 | 3 |
| M32 | 2 | M40 | 1 |

Certificate numbers enclosure

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

General information

| | | | |
|-----------------------------|--|---------------------------------|-------------------------|
| Access opening: height | 151 mm | Access opening: width | 151 mm |
| Areas of use | Process industry, Transportation, Marine engineering, Packaging industry, Harbour facilities, Machine construction | Enclosure attachment | |
| Flange plate | No | Holes | 6 mm |
| Integral fixing | Threaded holes M5 | Impact resistance | 10 J version standard |
| Lid attachment | M6 torx stainless steel screws with slot | Lid | Yes |
| Material thickness of cover | 4 mm | Material | Aluminium AlSi12 |
| Max. payload | 2.56 kg | Material thickness of enclosure | 4.5 mm |
| Number of lid screws | 4 | Note: protection class | IP68 (t=72h, h=1m) |
| Operating temperature, min. | -40 °C | Operating temperature, max. | 80 °C |
| Protection degree | IP66, IP67, IP68 | Protection class (UL) | Type 4, Type 4X |
| Standards | EN 45545-2:2013 | Seal material | Chloroprene |
| Torque for lid screws | 2.5 Nm | Surface finish | Powder-coated, textured |

KLIPPON K52 RAL7001

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

horizontal assembly

| | | | |
|-----------------------------|------|-----------------|------|
| WDU 10 / ZDU 10 | 1x8 | WDU 16 / ZDU 16 | 1x6 |
| WDU 2,5 / ZDU 2,5 / IDU 2,5 | 1x16 | WDU 4 / ZDU 4 | 1x13 |
| WDU 6 / ZDU 6 | 1x10 | | |

vertical assembly

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

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 |
| RoHS Compliance Status | Compliant with exemption |
| RoHS Exemption (if applicable/known) | 6bl |

Approvals

Approvals



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

Downloads

| | |
|---|---|
| Approval/Certificate/Document of Conformity | TAE00002SM EU Declaration of Conformity - Klippon K Empty Enclosures - DoC DE PS2410 160412 001ISS03 DoM Klippon K salt water resistance DoM Klippon K EN 45545-2 2013 Railway |
| Engineering Data | CAD data – STEP |
| Product Change Notification | Technical change to Klippon K® enclosure series Technische Änderung für Klippon® K Gehäuse 20240315-PCN-Klippon K Enclosure Instruction |
| Tender specification | Klippon K52 RAL7001_9529230000_DE Klippon K52 RAL7001_9529230000_EN |
| User Documentation | Assembly guidelines - empty enclosures |
| Catalogues | Catalogues in PDF-format |
| Brochures | MB KLIPPON ENCL.TECN EN FL RAILWAY 2014 EN FL RAILWAY 2014 EN |

KLIPPON K52 RAL7001

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

www.weidmueller.com

Drawings**Dimensioned drawing**