

**KLIPPON K3 RAL7001****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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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: 165 mm, Depth: 45 mm, Material: Aluminium AISi12, Powder-coated, textured, Silver grey |
| Order No.               | <a href="#">9529160000</a>  |
| Type                    | KLIPPON K3 RAL7001  |
| GTIN (EAN)              | 4008190918064   |
| Qty.                    | 5 pc(s).  |
| Unassembled to fit rail | <a href="#">1910030000</a>  |

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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                       | 165 mm | Width (inches)             | 6.496 inch |
| Mounting dimension - height | 42 mm  | Mounting dimension - width | 153 mm     |
| Net weight                  | 452 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 | 6 | M16 | 5 |
| M20 | 4 |     |   |

## 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      | 63 mm  | Access opening: width           | 158 mm                              |
| Areas of use                | Process industry, Transportation, Marine engineering, Packaging industry, Harbour facilities, Machine construction | Enclosure attachment            |                                     |
| Flange plate                | No   | Impact resistance               | Holes 4 mm<br>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                | 1.155 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                  | Powder-coated, textured             |
| Torque for lid screws       | 2.5 Nm   |                                 |                                     |

## horizontal assembly

|                             |      |
|-----------------------------|------|
| WDU 2,5 / ZDU 2,5 / IDU 2,5 | 1x22 |
|-----------------------------|------|

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## Technical data

## vertical assembly

WDU 2,5 / ZDU 2,5 / IDU 2,5

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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 | <a href="#">TAE00002SM</a><br><a href="#">EU Declaration of Conformity - Klippon K Empty Enclosures - DoC DE PS2410 160412 001ISS03</a><br><a href="#">DoM Klippon K salt water resistance</a><br><a href="#">DoM Klippon K EN 45545-2 2013 Railway</a> |
| Engineering Data                            | <a href="#">CAD data – STEP</a>   |
| Product Change Notification                 | <a href="#">Technical change to Klippon K® enclosure series</a><br><a href="#">Technische Änderung für Klippon® K Gehäuse</a><br><a href="#">20240315-PCN-Klippon K Enclosure Instruction</a>   |
| Tender specification                        | <a href="#">Klippon K3 RAL7001_9529160000_DE</a><br><a href="#">Klippon K3 RAL7001_9529160000_EN</a>  |
| User Documentation                          | <a href="#">Assembly guidelines - empty enclosures</a>  |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>  |
| Brochures                                   | <a href="#">MB KLIPPON ENCL.TECN EN</a><br><a href="#">FL RAILWAY 2014 EN</a><br><a href="#">FL RAILWAY 2014 EN</a>   |

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[www.weidmueller.com](http://www.weidmueller.com)**Drawings****Dimensioned drawing**