

## KLIPPON K6 VMQ RAL7001

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26  
D-32758 Detmold  
Germany

[www.weidmueller.com](http://www.weidmueller.com)



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 to 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.  | <a href="#">1937870000</a>  |
| Type       | KLIPPON K6 VMQ RAL7001  |
| GTIN (EAN) | 4032248610099   |
| Qty.       | 1 items   |

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**Technical data**

**Approvals**

Approvals



|                         |                            |
|-------------------------|----------------------------|
| ROHS                    | Conform                    |
| UL File Number Search   | <a href="#">UL Website</a> |
| Certificate no. (cULus) | E197061                    |

**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                  | 1640.32 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 PS24 10 1604 12 001ISS03 | Certificate No. (DNV)   | TAE00002SM |
| Approval conditions                      | cULus, RMRS, DNV            | Certificate no. (cULus) | E197061    |

**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 |

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|                        |   |                        |                       |
|------------------------|---|------------------------|-----------------------|
| Lid attachment         | M5 torx stainless steel screws with slot  | Standards              | EN 45545-2:2013       |
| Surface finish         | Powder-coated, textured   | Impact resistance      | 10 J version standard |
| Protection degree      | IP66, IP67, IP68  | Basic material         | Aluminium AISi12      |
| Seal material          | Silicone  | Torque for lid screws  | 2.5 Nm                |
| Integral fixing        | Threaded holes M5   | Enclosure attachment   | Holes 6 mm            |
| Note: protection class | IP68 (t=72h, h=1m)  | Protection class (UL)  | Type 4, Type 4X       |
| Number of lid screws   | 4   | Access opening: width  | 190.8 mm              |
| Flange plate           | No  | Max. payload           | 3.2 kg                |
| Lid                    | Yes   | Access opening: height | 150.8 mm              |
| Areas of use           | Process industry,<br>Transportation, Marine engineering, Packaging industry, Harbour facilities, Machine construction |                        |                       |

**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    | EC000261    | ETIM 9.0    | EC000261    |
| ETIM 10.0   | EC000261    | ECLASS 14.0 | 27-18-01-01 |
| ECLASS 15.0 | 27-18-01-01 |             |             |

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**Drawings**

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**Dimensioned drawing**

