

## Enclosure KLIPPON K7 RAL7001

**Weidmüller Interface GmbH & Co. KG**  
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For many years, the name Klippon® has stood for competence and quality in enclosures. The enclosures are ideal for turnkey customised solutions for standard industrial applications and for explosive-risk applications.

Improved products that meet all application requirements: this was Weidmüller's aim during the update of the Klippon® K housing series. Weidmüller delivers many types of aluminium enclosures; they are designed to fit precisely with a wide range of customer requirements and applications.

Our comprehensive product line provides the following advantages:

- Available in two different surfaces: natural and powder-coated (RAL 7001)
- Available normally with silicone or chloroprene gasket seal
- A uniform Torx-slotted screw head is used for over 19 different housing sizes.
- Mounting holes not within the sealed area
- High degree of protection: IP66, IP67 and IP68
- Impact resistance of up to 10 Joules
- The housings are certified by ATEX, GOST, GOST Ex, cULus, Russian Maritime Register, German Lloyd, as well as the empty housing standard.
- Alloy is resistant to salt water

- Standardised distributor housings with threaded holes and a variety of terminal configurations

### General ordering data

|            |  |
|------------|--|
| Order No.  | <a href="#">9529260000</a>                           |
| Type       | KLIPPON K7 RAL7001                                   |
| Version    | Enclosures, Aluminium AlSi12, 160 mm, 100 mm, 350 mm |
| GTIN (EAN) | 4008190918156  |
| Qty.       | 1 pc(s).   |

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**Technical data****Dimensions and weights**

|                             |         |                            |         |
|-----------------------------|---------|----------------------------|---------|
| Length                      | 100 mm  | Width                      | 350 mm  |
| Height                      | 160 mm  | Mounting dimension - width | 330 mm  |
| Mounting dimension - height | 140 mm  | Weight                     | 2,870 g |
| Net weight                  | 3,116 g |                            |         |

**Cable glands, left**

|         |   |         |   |
|---------|---|---------|---|
| M12 (3) | 8 | M20 (3) | 3 |
|---------|---|---------|---|

**Cable glands, right**

|                   |             |         |   |
|-------------------|-------------|---------|---|
| M12 (2)           | 8           | M16 (2) | 6 |
| M20 (2)           | 3           | M25 (2) | 2 |
| M32 (2)           | 2           | M40 (2) | 1 |
| Side of enclosure | left, right |         |   |

**Cable glands, top/bottom**

|                   |             |     |    |
|-------------------|-------------|-----|----|
| M12               | 42          | M16 | 26 |
| M20               | 17          | M25 | 10 |
| M32               | 6           | M40 | 5  |
| Side of enclosure | left, right |     |    |

**General information**

|                             |  |                             |   |
|-----------------------------|--|-----------------------------|---|
| Areas of use                | Process industry,<br>Transportation, Marine<br>engineering, Packaging<br>industry, Harbour facilities,<br>Machine construction | Material                    | Aluminium AISi12                            |
| Seal material               | Neoprene   | Surface finish              | textured                                    |
| Colour code                 | RAL 7001   | Operating temperature, min. | -40 °C                                      |
| Operating temperature, max. | 85 °C  | Impact resistance           | 10.00 J                                     |
| Protection degree           | IP 66, IP 67, IP 68  | Note: protection class      | IP68 (t=72h, h=1m)                          |
| Enclosure attachment        | Holes 6 mm   | Cover attachment            | M5 torx stainless steel<br>screws with slot |
| Integral fixing             | Threaded holes M5  |                             |   |

**horizontal assembly**

|                             |      |                 |      |
|-----------------------------|------|-----------------|------|
| WDU 10 / ZDU 10             | 1x27 | WDU 16 / ZDU 16 | 1x23 |
| WDU 2,5 / ZDU 2,5 / IDU 2,5 | 1x55 | WDU 4 / ZDU 4   | 1x46 |
| WDU 6 / ZDU 6               | 1x34 |                 |      |

**vertical assembly**

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

**Classifications**

|            |             |            |             |
|------------|-------------|------------|-------------|
| ETIM 2.0   | EC000058    | ETIM 3.0   | EC000058    |
| UNSPSC     | 31-26-15-02 | eClass 4.1 | 27-14-12-06 |
| eClass 5.1 | 27-14-91-07 | eClass 6.0 | 27-14-91-07 |
| eClass 7.0 | 27-14-91-07 |            |             |

**Data sheet...****Enclosure  
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**Technical data****Test certificates**

|                             |                 |                            |              |
|-----------------------------|-----------------|----------------------------|--------------|
| Certificate No. (GERMLLOYD) | 44536-07        | Certificate No. (MARITREG) | 09.04040.250 |
| Certificate no. (cULus)     | E197061VOL2SEC1 |                            |              |

**Approvals**

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**Drawings**

