

**Enclosure  
KLIPPON K5 RAL7001****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

www.weidmueller.com



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="#">9529210000</a>                          |
| Type       | KLIPPON K5 RAL7001                                  |
| Version    | Enclosures, Aluminium AlSi12, 130 mm, 90 mm, 170 mm |
| GTIN (EAN) | 4008190918101                                       |
| Qty.       | 1 pc(s).                                            |

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## Technical data

### Dimensions and weights

|                             |         |                            |         |
|-----------------------------|---------|----------------------------|---------|
| Length                      | 90 mm   | Width                      | 170 mm  |
| Height                      | 130 mm  | Mounting dimension - width | 150 mm  |
| Mounting dimension - height | 110 mm  | Weight                     | 1,540 g |
| Net weight                  | 1,420 g |                            |         |

### Cable glands, left

|         |   |         |   |
|---------|---|---------|---|
| M12 (3) | 4 | M20 (3) | 1 |
|---------|---|---------|---|

### Cable glands, right

|         |   |                   |             |
|---------|---|-------------------|-------------|
| M12 (2) | 4 | M16 (2)           | 2           |
| M20 (2) | 1 | M25 (2)           | 1           |
| M32 (2) | 1 | Side of enclosure | left, right |

### Cable glands, top/bottom

|     |    |                   |             |
|-----|----|-------------------|-------------|
| M12 | 11 | M16               | 8           |
| M20 | 4  | M25               | 3           |
| M32 | 2  | 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 AlSi12                            |
| 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             | 1x10 | WDU 16 / ZDU 16 | 1x8  |
| WDU 2,5 / ZDU 2,5 / IDU 2,5 | 1x20 | WDU 4 / ZDU 4   | 1x16 |
| WDU 6 / ZDU 6               | 1x12 |                 |      |

### 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 |            |             |

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**Technical data****Test certificates**

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

**Approvals**

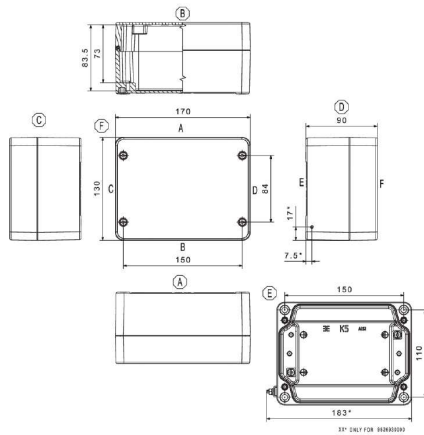
Approvals



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**Drawings**



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**Accessories****148 mm (K5)**

Mounting rails are available in widths of 15 and 35 mm. They are cut to fit the various housing sizes. Three mounting plates are also available as an alternative to the mounting rail for small and flat housings.

**General ordering data**

| Order No.                  | Type                    | Version               | GTIN (EAN)    | Qty.     |
|----------------------------|-------------------------|-----------------------|---------------|----------|
| <a href="#">1910080000</a> | TS35/148 KLIPPON K5 CSS | Mounting rail, 148 mm | 4032248536993 | 1 pc(s). |