

Klippon K (aluminium empty enclosure) KLIPPON K52 RAL7001

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The Klippon® brand has long stood for competence and quality in housings – particularly when turnkey, customer-specific solutions for standard industrial applications and applications in explosive risk zones are concerned.

Improved products that meet all application requirements: this was Weidmüller's aim when modernising and upgrading the Klippon® K enclosure series. 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.

- Available in two surface finishes: natural and powder-coated (RAL 7001)
- Available with moulded silicone or chloroprene gasket as standard
- Uniform Torx slotted screw head for 19 enclosure sizes
- Mounting holes outside of the gasket area
- High IP protection classes: IP66, IP67 and IP68
- Impact resistance of up to 7 (10) Joules
- The enclosures are approved according ATEX, IECEx, GOST Ex, GOST, cULus, Russian Maritime Register and Germanischer Lloyd as well as the empty enclosure standard.
- Alloy is resistant to salt water
- Standardised distributor enclosures with threaded holes and a variety of terminal configurations

General ordering data

| | |
|------------|---|
| Type | KLIPPON K52 RAL7001 |
| Order No. | 9529230000 |
| Version | Klippon K (aluminium empty enclosure), Empty enclosure, Aluminium enclosure, Height: 160 mm, Width: 160 mm, Depth: 91 mm, Material: Aluminium AISi 12, Powder-coated, textured, Silver grey |
| GTIN (EAN) | 4008190918125 |
| Qty. | 1 pc(s). |

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Technical data
Dimensions and weights

| | | | |
|----------------------------|---------|-----------------------------|------------|
| Width | 160 mm | Width (inches) | 6.299 inch |
| Height | 160 mm | Height (inches) | 6.299 inch |
| Depth | 91 mm | Depth (inches) | 3.583 inch |
| Mounting dimension - width | 140 mm | Mounting dimension - height | 110 mm |
| Weight | 1,480 g | Net weight | 1,613 g |

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

| | | | |
|--|----------------------|--|----------------------|
| Certificate no., assembled enclosure (EAC) | RU C-DE.ГБ08.B.01328 | Certificate no., empty enclosure (EAC) | RU C-DE.ГБ08.B.00472 |
| Certificate No. (MARITREG) | 14.40040.250 | Certificate no. (cULus) | E197061 |

General information

| | | | |
|-----------------------------|--|---------------------------------|--|
| Areas of use | Process industry, Transportation, Marine engineering, Packaging industry, Harbour facilities, Machine construction | Material thickness | 4.5 mm |
| Material thickness of cover | 4 mm | Material thickness of enclosure | 4.5 mm |
| Material | Aluminium AlSi12 | Seal material | Chloroprene |
| Surface finish | Powder-coated, textured | Operating temperature, min. | -40 °C |
| Operating temperature, max. | 80 °C | Impact resistance | 10.00 J |
| Protection degree | IP66, IP67, IP68, NEMA 4, NEMA 4x | Note: protection class | IP68 (t=72h, h=1m) |
| Enclosure attachment | Holes 6 mm | Lid attachment | M6 torx stainless steel screws with slot |
| Integral fixing | Threaded holes M5 | | |

horizontal assembly

| | | | |
|-----------------|------|-----------------------------|------|
| WDU 10 / ZDU 10 | 1x9 | WDU 2,5 / ZDU 2,5 / IDU 2,5 | 1x18 |
| WDU 4 / ZDU 4 | 1x15 | WDU 6 / ZDU 6 | 1x11 |

vertical assembly

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

Creation date July 2, 2018 11:32:37 AM CEST

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Classifications

| | | | |
|------------|-------------|------------|-------------|
| ETIM 3.0 | EC000058 | ETIM 4.0 | EC000058 |
| ETIM 5.0 | EC000058 | ETIM 6.0 | EC000261 |
| UNSPSC | 31-26-15-02 | eClass 5.1 | 27-14-91-07 |
| eClass 6.2 | 27-14-91-07 | eClass 7.1 | 27-14-91-07 |
| eClass 8.1 | 27-14-91-07 | eClass 9.0 | 27-14-44-30 |
| eClass 9.1 | 27-18-92-90 | | |

Product information

| | |
|---------------------------------|--|
| Descriptive text ordering data | The colours of painted enclosures may vary under certain circumstances. |
| Descriptive text technical data | The mounting rails are designed to be installed directly. Assembly with terminals provides for 10 mm clearance to the ends of the mounting rail. Ordering recommendations: TS 35 mounting rail (screw-type terminals) WDU 2.5 1020000000 / (tension clamp terminals) ZDU 2.5 1608510000 *For fitting the enclosures with terminal blocks, please refer to the Terminal block catalogue or the SAK series. We recommend BK 12 or BK 12 CRN (0625320000) for vertical installations. There are no pre-defined mounting points set within this enclosure for installing internal equipment in a vertical position. |
| Descriptive text accessories | The accessory sets contain the necessary mounting materials. Necessary on use of 1 hinge per longitudinal side. Helicoil for outdoor applications, available ex-works. |

Approvals

Approvals



ROHS Conform

Downloads

| | |
|---|--|
| Approval/Certificate/Document of Conformity | EU Declaration of Conformity - Klippon K Empty Enclosures - DoC DE PS2410_160412_001ISS01 |
| Brochure/Catalogue | MB KLIPPON ENCL.TECN EN CAT 5 ENCL 17/18 EN FL RAILWAY 2014 EN |
| Engineering Data | EPLAN, WSCAD |
| Engineering Data | STEP |
| Tender specification | Klippon K52 RAL7001_9529230000_DE Klippon K52 RAL7001_9529230000_EN |
| User Documentation | MB KLIPPON ENCL.TECN DE Assembly guidelines - empty enclosures |

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Drawings**Dimensioned drawing**