

Klippon K (aluminium empty enclosure) KLIPPON K21 EX RAL7001

Weidmüller Interface GmbH & Co. KG
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Similar to illustration



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

| | |
|-----------------|---|
| Available until | 1970-01-01 |
| Type | KLIPPON K21 EX RAL7001 |
| Order No. | 1328120000 |
| Version | Klippon K (aluminium empty enclosure), Empty enclosure, Aluminium enclosure, Height: 80 mm, Width: 125 mm, Depth: 57 mm, Material: Aluminium AlSi12, Powder-coated, Silver grey |
| GTIN (EAN) | 4050118132908 |
| Qty. | 1 pc(s). |

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Technical data**Dimensions and weights**

| | | | |
|----------------------------|--------|-----------------------------|------------|
| Width | 125 mm | Width (inches) | 4.921 inch |
| Height | 80 mm | Height (inches) | 3.15 inch |
| Depth | 57 mm | Depth (inches) | 2.244 inch |
| Mounting dimension - width | 113 mm | Mounting dimension - height | 52 mm |
| Net weight | 484 g | | |

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

Cable glands, left

| | | | |
|-----|---|-----|---|
| M12 | 2 | M16 | 2 |
| M20 | 1 | | |

Cable glands, right

| | | | |
|-----|---|-----|---|
| M12 | 2 | M16 | 2 |
| M20 | 1 | | |

Cable glands, top/bottom

| | | | |
|-----|---|-----|---|
| M12 | 6 | M16 | 4 |
| M20 | 3 | M25 | 2 |

Certificate numbers enclosure

| | | | |
|---|----------------------|---|----------------------|
| Certificate no. assembled enclosure (ATEX) | IBExU12ATEX1145 X | Certificate no. empty enclosure (ATEX) | IBExU12ATEX1144 U |
| Certificate no. assembled enclosure (IECEX) | IECEX IBE 13.0002X | Certificate no. empty enclosure (IECEX) | IECEX IBE 13.0001U |
| 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 | | |

General information

| | | | |
|-----------------------------|---|---------------------------------|-------------------|
| Areas of use | Explosive risk zone, Process industry, Transportation, Packaging industry, Marine engineering, Machine construction, Harbour facilities | Material thickness | 4 mm |
| Material thickness of cover | 2.5 mm | Material thickness of enclosure | 4 mm |
| Standards | IEC 60079-0, IEC 60079-7, IEC 60079-31 | Torque for lid screws | 2.5 Nm |
| Material | Aluminium AlSi12 | Seal material | Silicone |
| Surface finish | Powder-coated | Operating temperature, min. | -60 °C |
| Operating temperature, max. | 135 °C | Impact resistance | 7.00 J |
| Protection degree | IP66, IP67 | Enclosure attachment | Holes 4 mm |
| Lid attachment | M4 torx stainless steel screws with slot | Integral fixing | Threaded holes M4 |

Creation date May 27, 2019 4:09:30 PM CEST

Catalogue status 23.05.2019 / We reserve the right to make technical changes.

Data sheet

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Technical data

horizontal assembly

| | | | |
|-----------------------------|------|---------------|------|
| WDU 2,5 / ZDU 2,5 / IDU 2,5 | 1x15 | WDU 4 / ZDU 4 | 1x12 |
|-----------------------------|------|---------------|------|

vertical assembly

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

Classifications

| | | | |
|------------|-------------|------------|-------------|
| ETIM 6.0 | EC002503 | eClass 6.2 | 27-18-05-02 |
| eClass 9.0 | 27-18-05-02 | eClass 9.1 | 27-18-05-02 |

Approvals

Approvals



ROHS Conform

Downloads

| | |
|----------------------|--|
| Brochure/Catalogue | CAT 5 ENCL 17/18 EN |
| Engineering Data | STEP |
| Tender specification | Klippon K21 Ex RAL7001_1328120000_DE Klippon K21 Ex RAL7001_1328120000_EN |

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Drawings**Dimensioned drawing**