

Klippon K (aluminium empty enclosure) KLIPPON K21 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 K21 RAL7001 |
| Order No. | 9529150000 |
| Version | Klippon K (aluminium empty enclosure), Empty enclosure, Aluminium enclosure, Height: 80 mm, Width: 125 mm, Depth: 57 mm, Material: Aluminium AISi12, Powder-coated, textured, Silver grey |
| GTIN (EAN) | 4008190918057 |
| Qty. | 5 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 |
| Weight | 400 g | Net weight | 458 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. (GERMLLOYD) | TAE00002SM | 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 mm |
| Material thickness of cover | 2.5 mm | Material thickness of enclosure | 4 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 | Note: protection class | IP68 (t=72h, h=1m) |
| Enclosure attachment | Holes 4 mm | Lid attachment | M4 torx stainless steel screws with slot |
| Integral fixing | Threaded holes M4 | | |

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 | * |
|-----------------------------|---|---------------|---|

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Technical data**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 | 27-18-01-01 |
| eClass 9.1 | 27-18-92-90 | | |

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 STEP |
| Tender specification | Klippon K21 RAL7001_9529150000_DE Klippon K21 RAL7001_9529150000_EN |
| User Documentation | MB KLIPPON ENCL.TECN DE Assembly guidelines - empty enclosures |

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Drawings**Dimensioned drawing**