

## Klippon K (aluminium empty enclosure) KLIPPON K41 VMO

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
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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 K41 VMO                                                                                                                                                         |
| Order No.  | <a href="#">1939640000</a>                                                                                                                                              |
| Version    | Klippon K (aluminium empty enclosure), Empty enclosure, Aluminium enclosure, Height: 120 mm, Width: 122 mm, Depth: 81 mm, Material: Aluminium AlSi12, untreated, silver |
| GTIN (EAN) | 4032248615971                                                                                                                                                           |
| Qty.       | 1 pc(s).                                                                                                                                                                |

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

|                            |        |                             |            |
|----------------------------|--------|-----------------------------|------------|
| Width                      | 122 mm | Width (inches)              | 4.803 inch |
| Height                     | 120 mm | Height (inches)             | 4.724 inch |
| Depth                      | 81 mm  | Depth (inches)              | 3.189 inch |
| Mounting dimension - width | 106 mm | Mounting dimension - height | 82 mm      |
| Net weight                 | 923 g  |                             |            |

**Environmental Product Compliance**

REACH SVHC Lead 7439-92-1

**Cable glands, left**

|     |   |     |   |
|-----|---|-----|---|
| M12 | 4 | M16 | 4 |
| M20 | 2 | M25 | 1 |
| M32 | 1 |     |   |

**Cable glands, right**

|     |   |     |   |
|-----|---|-----|---|
| M12 | 4 | M16 | 4 |
| M20 | 2 | M25 | 1 |
| M32 | 1 |     |   |

**Cable glands, top/bottom**

|     |   |     |   |
|-----|---|-----|---|
| M12 | 6 | M16 | 6 |
| M20 | 3 | M25 | 2 |
| M32 | 1 |     |   |

**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              | 4.5 mm                                   |
| Material thickness of cover | 4 mm                                                                                                               | Material thickness of enclosure | 4.5 mm                                   |
| Material                    | Aluminium AlSi12                                                                                                   | Seal material                   | Silicone                                 |
| Surface finish              | untreated                                                                                                          | Operating temperature, min.     | -50 °C                                   |
| Operating temperature, max. | 135 °C                                                                                                             | Impact resistance               | 10.00 J                                  |
| Protection degree           | IP66, IP67, IP68                                                                                                   | 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 | 1x6  | WDU 2,5 / ZDU 2,5 / IDU 2,5 | 1x13 |
| WDU 4 / ZDU 4   | 1x11 | WDU 6 / ZDU 6               | 1x8  |

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## Technical data

### vertical assembly

WDU 2,5 / ZDU 2,5 / IDU 2,5 \*

### Classifications

|            |             |            |             |
|------------|-------------|------------|-------------|
| ETIM 4.0   | EC002600    | ETIM 5.0   | EC002600    |
| ETIM 6.0   | EC000261    | 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 | <a href="#">EU Declaration of Conformity - Klippon K Empty Enclosures - DoC DE PS2410_160412_001ISS01</a>            |
| Brochure/Catalogue                          | <a href="#">MB KLIPPON ENCL.TECN EN</a><br><a href="#">CAT 5 ENCL 17/18 EN</a><br><a href="#">FL RAILWAY 2014 EN</a> |
| Engineering Data                            | <a href="#">STEP</a>                                                                                                 |
| Tender specification                        | <a href="#">Klippon K41 VMO_1939640000_DE</a><br><a href="#">Klippon K41 VMO_1939640000_EN</a>                       |
| User Documentation                          | <a href="#">MB KLIPPON ENCL.TECN DE</a><br><a href="#">Assembly guidelines - empty enclosures</a>                    |

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**Drawings**

**Dimensioned drawing**

