

**KLIPPON K71 EX RAL7001**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany

www.weidmueller.com

**Similar to illustration**



The aluminium Klippon® K enclosures are suitable for use in an extremely wide range of different areas. Various components can be installed inside the enclosures, and will benefit in particular from the high temperature resistance, the excellent IP protection and the good impact resistance.

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.

Klippon® K enclosures for hazardous areas are available on request.

Our extensive product range offers the following advantages:

- Available in two surface finishes: natural and powder-coated (RAL 7001)
- With chloroprene moulded seal as standard (silicone moulded seal optionally available)
- Standardised closure system with Torx slotted screw head for 19 enclosure sizes
- Mounting holes outside of the gasket area
- High IP protection classes: IP66, IP67 and IP68 according to DIN EN 60529
- Impact resistance of up to 7 (10) Joules
- The enclosures are approved according ATEX, IECEx, EAC, cULus, Russian Maritime Register and DNV GL as well as the empty enclosure standard.

- Suitable for railway applications according to EN 45545-2:2013
- Alloy is resistant to salt water
- Standardised distributor enclosures with threaded holes and a variety of terminal configurations

**General ordering data**

|            |   |
|------------|---|
| Version    | Klippon K (aluminium empty enclosure), Empty enclosure, Aluminium enclosure, Height: 230 mm, Width: 280 mm, Depth: 111 mm, Material: Aluminium AlSi12, Powder-coated, Silver grey |
| Order No.  | <a href="#">1329770000</a>  |
| Type       | KLIPPON K71 EX RAL7001  |
| GTIN (EAN) | 4050118133882   |
| Qty.       | 1 Stück   |

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## Technische Daten

### Dimensions and weights

|                             |         |                            |             |
|-----------------------------|---------|----------------------------|-------------|
| Depth                       | 111 mm  | Depth (inches)             | 4.37 inch   |
| Height                      | 230 mm  | Height (inches)            | 9.055 inch  |
| Width                       | 280 mm  | Width (inches)             | 11.024 inch |
| Mounting dimension - height | 180 mm  | Mounting dimension - width | 260 mm      |
| Net weight                  | 3,292 g |                            |             |

### Temperatures

|                             |                 |                             |        |
|-----------------------------|-----------------|-----------------------------|--------|
| Operating temperature       | -60 °C...135 °C | Operating temperature, min. | -60 °C |
| Operating temperature, max. | 135 °C          |                             |        |

### Cable glands, left

|     |    |     |    |
|-----|----|-----|----|
| M12 | 28 | M16 | 18 |
| M20 | 10 | M25 | 8  |
| M32 | 3  | M40 | 2  |
| M50 | 2  |     |    |

### Cable glands, right

|     |    |     |    |
|-----|----|-----|----|
| M12 | 28 | M16 | 18 |
| M20 | 10 | M25 | 8  |
| M32 | 3  | M40 | 2  |
| M50 | 2  |     |    |

### Cable glands, top/bottom

|     |    |     |    |
|-----|----|-----|----|
| M12 | 42 | M16 | 30 |
| M20 | 21 | M25 | 12 |
| M32 | 10 | M40 | 4  |
| M50 | 3  |     |    |

### Certificate numbers enclosure

|   |   |  |                                      |
|---|---|--|--------------------------------------|
| Approval conditions                     | DNV, GL, RMRS, ATEX, EAC, IECEx, UL AEx Class Div., CCC | Attestation of Conformity No. (AoC)    | DE PS24 10 160308 001ISS01           |
| Certificate No. (ATEX)                  | IBEXU12ATEX1144U  | Certificate No. (EAC)                  | C-DE.HB07.B.00089-20                 |
| Certificate No. (IECEX)                 | IECEXIBE13.0002X  | Certificate No. (MARITREG)             | 19.00108.272                         |
| Certificate no. Terminal Box (ATEX)     | IBEXU12ATEX1145 X                                       | Certificate no. Terminal Box (EAC)     | C-DE.HB07.B.00089/20 Ex Terminal Box |
| Certificate no. Terminal Box (IECEX)    | IECEX IBE 13.0002X                                      | Certificate no. empty enclosure (ATEX) | IBEXU12ATEX1144 U                    |
| Certificate no. empty enclosure (IECEX) | IECEX IBE 13.0001U                                      | Certificate no., empty enclosure (EAC) | C-DE.HB07.B.00089/20                 |
| Declaration of Conformity No. (DoC LVD) | DE_PS2410_160412_001ISS01                               |  |                                      |

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### General information

|                             |   |                                 |   |
|-----------------------------|---|---------------------------------|---|
| Access opening: height      | 221 mm  | Access opening: width           | 271 mm  |
| Areas of use                | Explosive risk zone, Process industry, Transportation, Packaging industry, Marine engineering, Machine construction, Harbour facilities | Enclosure attachment            | Holes 6 mm  |
| Flange plate                | No  | Impact resistance               | 7 J ATEX version  |
| Integral fixing             | Threaded holes M5   | Lid                             | Yes   |
| Lid attachment              | M6 torx stainless steel screws with slot  | Material                        | Aluminium AlSi12  |
| Material thickness of cover | 3 mm  | Material thickness of enclosure | 4,5 mm  |
| Number of lid screws        | 4   | Operating temperature, max.     | 135 °C  |
| Operating temperature, min. | -60 °C  | Protection degree               | IP66, IP67  |
| Seal material               | Silicone  | Standards                       | IEC 60079-0, IEC 60079-7, IEC 60079-31, EN 45545-2:2013 |
| Surface finish              | Powder-coated   | Torque for lid screws           | 2.5 Nm  |

### horizontal assembly

|                             |      |                 |      |
|-----------------------------|------|-----------------|------|
| WDU 10 / ZDU 10             | 2x21 | WDU 16 / ZDU 16 | 2x17 |
| WDU 2,5 / ZDU 2,5 / IDU 2,5 | 2x43 | WDU 35 / ZDU 35 | 2x13 |
| WDU 4 / ZDU 4               | 2x36 | WDU 6 / ZDU 6   | 2x26 |

### vertical assembly

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

### Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC002503    | ETIM 7.0    | EC002503    |
| ETIM 8.0    | EC002503    | ECLASS 9.0  | 27-18-05-02 |
| ECLASS 9.1  | 27-18-05-02 | ECLASS 10.0 | 27-18-05-02 |
| ECLASS 11.0 | 27-18-05-02 | ECLASS 12.0 | 27-18-05-02 |

### Environmental Product Compliance

|            |                                      |
|------------|--------------------------------------|
| REACH SVHC | Lead 7439-92-1                       |
| SCIP       | 9e4cab4e-239c-4e14-b9df-a0fee300d28a |

### Approvals

Approvals



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## Technische Daten

### Downloads

|   |   |
|---|---|
| Approval/Certificate/Document of Conformity | <a href="#">C-DE.HB07.B.00089-Empty Enclosures and Ex. Terminal Box</a><br><a href="#">CCC 2020322303000040 Klippon K Assembly Enclosure</a><br><a href="#">UKCA TÜV 22 UKEX 7094 U</a><br><a href="#">UKCA TÜV 22 UKEX 7095 X</a><br><a href="#">RUC-DE.BE02.B.00173</a><br><a href="#">IBEXU12ATEX1145X</a><br><a href="#">IECEXIBE13.0001U</a><br><a href="#">IECEXIBE13.0002X</a><br><a href="#">TAE00002SM</a><br><a href="#">19.00108.272</a><br><a href="#">IBEXU12ATEX1144U</a><br><a href="#">DoM Klippon K salt water resistance</a><br><a href="#">DoM Klippon K EN 45545-2 2013 Railway</a> |
| Engineering Data                            | <a href="#">CAD data – STEP</a>   |
| Product Change Notification                 | <a href="#">Technical change to Klippon K® enclosure series</a><br><a href="#">Technische Änderung für Klippon® K Gehäuse</a>   |
| Tender specification                        | <a href="#">Klippon K71 Ex RAL7001_1329770000_DE</a><br><a href="#">Klippon K71 Ex RAL7001_1329770000_EN</a>  |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>  |
| Brochures                                   |   |

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**Zeichnungen**

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**Dimensioned drawing**

