

**KLIPPON K7 EX RAL7001****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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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: 160 mm, Width: 350 mm, Depth: 91 mm, Material: Aluminium AlSi12, Powder-coated, Silver grey |
| Order No.  | <a href="#">1329750000</a>                                                                                                                                                       |
| Type       | KLIPPON K7 EX RAL7001                                                                                                                                                            |
| GTIN (EAN) | 4050118134056                                                                                                                                                                    |
| Qty.       | 1 pc(s).                                                                                                                                                                         |

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

|                             |            |                            |            |
|-----------------------------|------------|----------------------------|------------|
| Depth                       | 91 mm      | Depth (inches)             | 3.583 inch |
| Height                      | 160 mm     | Height (inches)            | 6.299 inch |
| Mounting dimension - height | 140 mm     | Mounting dimension - width | 330 mm     |
| Net weight                  | 2,710 g    | Width                      | 350 mm     |
| Width (inches)              | 13.78 inch |                            |            |

**Environmental Product Compliance**

REACH SVHC Lead 7439-92-1

**Cable glands, left**

|     |   |     |   |
|-----|---|-----|---|
| M12 | 8 | M16 | 6 |
| M20 | 3 | M25 | 2 |
| M32 | 2 | M40 | 1 |

**Cable glands, right**

|     |   |     |   |
|-----|---|-----|---|
| M12 | 8 | M16 | 6 |
| M20 | 3 | M25 | 2 |
| M32 | 2 | M40 | 1 |

**Cable glands, top/bottom**

|     |    |     |    |
|-----|----|-----|----|
| M12 | 42 | M16 | 26 |
| M20 | 17 | M25 | 10 |
| M32 | 6  | M40 | 5  |

**Certificate numbers enclosure**

|                                         |                                                         |                                        |                                      |
|-----------------------------------------|---------------------------------------------------------|----------------------------------------|--------------------------------------|
| Approval conditions                     | DNV, GL, RMRS, ATEX, EAC, IECEX, UL AEx Class Div., CCC | Attestation of Conformity No. (AoC)    | DE PS2410 160308 001ISS01            |
| Certificate No. (ATEX)                  | IBEXU12ATEX1144U                                        | Certificate No. (EAC)                  | RUC-DE.08.B.01328                    |
| 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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## Technical data

## General information

|                             |                                                                                                                                                           |                                 |                                             |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|---------------------------------------------|
| Access opening: height      | 150.8 mm                                                                                                                                                  | Access opening: width           | 340.8 mm                                    |
| Areas of use                | Explosive risk zone,<br>Process industry,<br>Transportation, Packaging<br>industry, Marine<br>engineering, Machine<br>construction, Harbour<br>facilities | Enclosure attachment            |                                             |
| Flange plate                | No                                                                                                                                                        | Halogen                         | Yes                                         |
| Impact resistance           | 7.00 J                                                                                                                                                    | Integral fixing                 | Threaded holes M5                           |
| Lid                         | Yes                                                                                                                                                       | Lid attachment                  | M5 torx stainless steel<br>screws with slot |
| Material                    | Aluminium AlSi12                                                                                                                                          | Material thickness              | 4.6 mm                                      |
| Material thickness of cover | 3 mm                                                                                                                                                      | Material thickness of enclosure | 4.6 mm                                      |
| Operating temperature, max. | 135 °C                                                                                                                                                    | Operating temperature, min.     | -60 °C                                      |
| Protection degree           | IP66, IP67                                                                                                                                                | Seal material                   | Silicone                                    |
| Standards                   | IEC 60079-0, IEC<br>60079-7, IEC 60079-31                                                                                                                 | Surface finish                  | Powder-coated                               |
| Torque for lid screws       | 2.5 Nm                                                                                                                                                    |                                 |                                             |

## horizontal assembly

|                             |      |                 |      |
|-----------------------------|------|-----------------|------|
| WDU 10 / ZDU 10             | 1x28 | WDU 16 / ZDU 16 | 1x23 |
| WDU 2,5 / ZDU 2,5 / IDU 2,5 | 1x55 | WDU 35 / ZDU 35 | 1x17 |
| WDU 4 / ZDU 4               | 1x46 | WDU 6 / ZDU 6   | 1x34 |

## vertical assembly

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

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC002503    | ETIM 7.0    | 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 |

## Approvals

Approvals



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[www.weidmueller.com](http://www.weidmueller.com)**Technical data****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="#">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="#">STEP</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Tender specification                        | <a href="#">Klippon K7 Ex RAL7001_1329750000_DE</a><br><a href="#">Klippon K7 Ex RAL7001_1329750000_EN</a>                                                                                                                                                                                                                                                                                                                                                                                                        |

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## Drawings

## Dimensioned drawing

