

**KLIPPON K75 VMQ****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

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, cULus, 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: 330 mm, Depth: 181 mm, Material: Aluminium AlSi12, untreated, silver |
| Order No.  | <a href="#">2934200000</a>                                                                                                                                               |
| Type       | KLIPPON K75 VMQ                                                                                                                                                          |
| GTIN (EAN) | 4099986682436                                                                                                                                                            |
| Qty.       | 1 pc(s).                                                                                                                                                                 |

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## Technical data

## Dimensions and weights

|                             |         |                            |             |
|-----------------------------|---------|----------------------------|-------------|
| Depth                       | 181 mm  | Depth (inches)             | 7.126 inch  |
| Height                      | 230 mm  | Height (inches)            | 9.055 inch  |
| Width                       | 330 mm  | Width (inches)             | 12.992 inch |
| Mounting dimension - height | 210 mm  | Mounting dimension - width | 310 mm      |
| Wall thickness, min.        | 5 mm    | Wall thickness, max.       | 5 mm        |
| Net weight                  | 5,160 g |                            |             |

## Temperatures

|                       |                  |                             |               |
|-----------------------|------------------|-----------------------------|---------------|
| Operating temperature | -50 °C... 135 °C | Operating temperature range | -50... 135 °C |
|-----------------------|------------------|-----------------------------|---------------|

## Certificate numbers enclosure

|                     |       |                                         |                             |
|---------------------|-------|-----------------------------------------|-----------------------------|
| Approval conditions | cULus | Declaration of Conformity No. (DoC LVD) | DE PS24 10 1604 12 001ISS03 |
|---------------------|-------|-----------------------------------------|-----------------------------|

## General information

|                             |                                                                                                                    |                                 |                                          |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------------------|
| Access opening: height      | 220 mm                                                                                                             | Access opening: width           | 300 mm                                   |
| Areas of use                | Process industry, Transportation, Marine engineering, Packaging industry, Harbour facilities, Machine construction | Enclosure attachment            |                                          |
| Flange plate                | No                                                                                                                 | Impact resistance               | Holes 6 mm<br>10 J version standard      |
| Installation advice         | Wall mounting                                                                                                      | Integral fixing                 | Threaded holes M5                        |
| Lid                         | Yes                                                                                                                | Lid attachment                  | M6 torx stainless steel screws with slot |
| Material                    | Aluminium AlSi12                                                                                                   | Material thickness              | 5 mm                                     |
| Material thickness of cover | 5 mm                                                                                                               | Material thickness of enclosure | 5 mm                                     |
| Number of lid screws        | 4                                                                                                                  | Operating temperature, max.     | 135 °C                                   |
| Operating temperature, min. | -50 °C                                                                                                             | Protection class (UL)           | Type 4, Type 4X                          |
| Protection degree           | IP66, IP67, IP68                                                                                                   | Seal material                   | Silicone                                 |
| Seal material of cover      | Silicone                                                                                                           | Silicone                        | Yes                                      |
| Standards                   | DIN EN 45545-2                                                                                                     | Surface finish                  | untreated                                |
| Torque for lid screws       | 2.5 Nm                                                                                                             |                                 |                                          |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000261    | ETIM 7.0    | EC000261    |
| ETIM 8.0    | EC000261    | ETIM 9.0    | EC000261    |
| ETIM 10.0   | EC000261    | ECLASS 9.0  | 27-18-01-01 |
| ECLASS 9.1  | 27-18-92-90 | ECLASS 10.0 | 27-18-01-01 |
| ECLASS 11.0 | 27-18-01-01 | ECLASS 12.0 | 27-18-01-01 |
| ECLASS 13.0 | 27-18-01-01 | ECLASS 14.0 | 27-18-01-01 |
| ECLASS 15.0 | 27-18-01-01 |             |             |

## Environmental Product Compliance

|                        |                             |
|------------------------|-----------------------------|
| RoHS Compliance Status | Compliant without exemption |
| REACH SVHC             | No SVHC above 0.1 wt%       |

## Approvals

|      |         |
|------|---------|
| ROHS | Conform |
|------|---------|

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## Technical data

### Downloads

|                                             |                                                                                                                                                                                                                           |
|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">EU Declaration of Conformity - Klippon K Empty Enclosures - DoC DE PS2410 160412 001ISS03</a><br><a href="#">UKCA Declaration of Conformity - Klippon K Empty Enclosures - UKCA DE PS2410 220623 001ISS00</a> |
| Engineering Data                            | <a href="#">CAD data – STEP</a>                                                                                                                                                                                           |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>                                                                                                                                                                                  |

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## Accessories

### Klippon® K - Wall-mounted holder



The system accessories for the Klippon® K enclosure series allows you to easily adapt the enclosures to meet the specific requirements of every application.

- DIN Rails TS 35 and TS 15
- Mounting plates
- Hinges
- Wall-mounted holder

#### General ordering data

|            |                            |                                                                    |
|------------|----------------------------|--------------------------------------------------------------------|
| Type       | KLIPPON K MF KIT 25        | Version                                                            |
| Order No.  | <a href="#">9527590000</a> | Klippon K (aluminium empty enclosure), Mounting foot, Fixing lugs, |
| GTIN (EAN) | 4032248014071              | Height: 70 mm, Width: 33.5 mm, Depth: 12 mm, Material: Stainless   |
| Qty.       | 1 pc(s).                   | steel 1.4301, silver                                               |

### Depth 15 mm



The system accessories for the Klippon® K enclosure series allows you to easily adapt the enclosures to meet the specific requirements of every application.

- DIN Rails TS 35 and TS 15
- Mounting plates
- Hinges
- Wall-mounted holder

#### General ordering data

|            |                            |                                                                    |
|------------|----------------------------|--------------------------------------------------------------------|
| Type       | TS35X15 ST 306 K75 HOR     | Version                                                            |
| Order No.  | <a href="#">8000135664</a> | Rail, Width: 306 mm, without slot, Steel, galvanic zinc plated and |
| GTIN (EAN) | 4099987089920              | passivated                                                         |
| Qty.       | 1 pc(s).                   |                                                                    |
| Type       | TS35X15 ST 202 K75 VER     | Version                                                            |
| Order No.  | <a href="#">8000135666</a> | Rail, Width: 202 mm, without slot, Steel, galvanic zinc plated and |
| GTIN (EAN) | 4099987090049              | passivated                                                         |
| Qty.       | 1 pc(s).                   |                                                                    |

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Screws**

Depending on the terminal block or also accessories, we offer different types of screws as additional items or also spare parts.

**General ordering data**

|            |                            |                                                         |
|------------|----------------------------|---------------------------------------------------------|
| Type       | FKSC M5X8 D9/SW2.5         | Version                                                 |
| Order No.  | <a href="#">0295900000</a> | SAK Series, Allen hex screw, Screws, Number of poles: 1 |
| GTIN (EAN) | 4008190133337              |                                                         |
| Qty.       | 50 pc(s).                  |                                                         |

**Klippon® K - Hinge**

The system accessories for the Klippon® K enclosure series allows you to easily adapt the enclosures to meet the specific requirements of every application.

- DIN Rails TS 35 and TS 15
- Mounting plates
- Hinges
- Wall-mounted holder

**General ordering data**

|            |                            |                                                                 |
|------------|----------------------------|-----------------------------------------------------------------|
| Type       | HG K+POK                   | Version                                                         |
| Order No.  | <a href="#">1580360000</a> | Klippon POK (polyester empty enclosure), External joint, Hinge, |
| GTIN (EAN) | 4008190203542              | Material: Aluminium AlSi12, silver                              |
| Qty.       | 1 pc(s).                   |                                                                 |

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## Accessories

## Depth 7.5 mm



The system accessories for the Klippon® K enclosure series allows you to easily adapt the enclosures to meet the specific requirements of every application.

- DIN Rails TS 35 and TS 15
- Mounting plates
- Hinges
- Wall-mounted holder

## General ordering data

|            |                            |                                                                               |
|------------|----------------------------|-------------------------------------------------------------------------------|
| Type       | TS35X7.5 ST 306 K75 HOR    | Version                                                                       |
| Order No.  | <a href="#">8000135663</a> | Rail, Width: 306 mm, without slot, Steel, galvanic zinc plated and passivated |
| GTIN (EAN) | 4099987090001              |                                                                               |
| Qty.       | 1 pc(s).                   |                                                                               |
| Type       | TS35X7.5 ST 202 K75 VER    | Version                                                                       |
| Order No.  | <a href="#">8000135665</a> | Rail, Width: 202 mm, without slot, Steel, galvanic zinc plated and passivated |
| GTIN (EAN) | 4099987090032              |                                                                               |
| Qty.       | 1 pc(s).                   |                                                                               |

## Spacer



Stainless steel spacers in three lengths to increase the distance between the mounting rails or DIN rails and the rear wall of the enclosure.

## General ordering data

|            |                            |                                                                                                          |
|------------|----------------------------|----------------------------------------------------------------------------------------------------------|
| Type       | SP M6 15 MSZN              | Version                                                                                                  |
| Order No.  | <a href="#">3896100000</a> | Klippon EB (Essential Box), Spacer, Height: 11.2 mm, Width: 10 mm, Depth: 15 mm, Material: Steel, silver |
| GTIN (EAN) | 4008190857851              |                                                                                                          |
| Qty.       | 2 pc(s).                   |                                                                                                          |
| Type       | SP M6 20 MSZN              | Version                                                                                                  |
| Order No.  | <a href="#">3896200000</a> | Klippon EB (Essential Box), Spacer, Height: 11.2 mm, Width: 10 mm, Depth: 20 mm, Material: Steel, silver |
| GTIN (EAN) | 4008190850234              |                                                                                                          |
| Qty.       | 2 pc(s).                   |                                                                                                          |
| Type       | SP M6 30 MSZN              | Version                                                                                                  |
| Order No.  | <a href="#">3896300000</a> | Klippon EB (Essential Box), Spacer, Height: 11.2 mm, Width: 10 mm, Depth: 30 mm, Material: Steel, silver |
| GTIN (EAN) | 4008190850241              |                                                                                                          |
| Qty.       | 2 pc(s).                   |                                                                                                          |