

KLIPPON K79 VMQ

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26
D-32758 Detmold
Germany

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: 313 mm, Width: 404 mm, Depth: 181 mm, Basic material: Aluminium AlSi12, untreated, silver |
| Order No. | 2934260000 |
| Type | KLIPPON K79 VMQ |
| GTIN (EAN) | 4099986682498 |
| Qty. | 1 items |

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Technical data

Approvals

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

Dimensions and weights

| | | | |
|-----------------------------|--------|----------------------------|--------------|
| Depth | 181 mm | Depth (inches) | 7.126 inch |
| Height | 313 mm | Height (inches) | 12.3228 inch |
| Width | 404 mm | Width (inches) | 15.9055 inch |
| Mounting dimension - height | 262 mm | Mounting dimension - width | 384 mm |
| Wall thickness, min. | 5 mm | Wall thickness, max. | 5 mm |
| Net weight | 8500 g | | |

Temperatures

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

Environmental Product Compliance

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

Certificate numbers enclosure

| | | | |
|---|---------------------------|---------------------|-------|
| Declaration of Conformity No. (DoC LVD) | DE PS2410 160412 001ISS03 | Approval conditions | cULus |
|---|---------------------------|---------------------|-------|

General information

| | | | |
|-----------------------------|--|---------------------------------|-------------------|
| Material thickness of cover | 5 mm | Material thickness of enclosure | 5 mm |
| Material thickness | 5 mm | Silicone | Yes |
| Operating temperature, max. | 135 °C | Operating temperature, min. | -50 °C |
| Lid attachment | M6 torx stainless steel screws with slot | Installation advice | Wall mounting |
| Standards | DIN EN 45545-2 | Surface finish | untreated |
| Impact resistance | 10 J version standard | Protection degree | IP66, IP67, IP68 |
| Basic material | Aluminium AISi12 | Seal material | Silicone |
| Torque for lid screws | 2.5 Nm | Integral fixing | Threaded holes M5 |
| Enclosure attachment | Holes 6 mm | Seal material of cover | Silicone |
| Protection class (UL) | Type 4, Type 4X | Number of lid screws | 4 |
| Access opening: width | 394 mm | Flange plate | No |
| Lid | Yes | Access opening: height | 303 mm |
| Areas of use | Process industry, Transportation, Marine engineering, Packaging industry, Harbour facilities, Machine construction | | |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC000261 | ETIM 9.0 | EC000261 |
| ETIM 10.0 | EC000261 | ECLASS 14.0 | 27-18-01-01 |
| ECLASS 15.0 | 27-18-01-01 | | |

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Accessories

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

Weidmüller can manufacture and supply this enclosure - according to customer specifications - fitted with all necessary terminals and cable glands.

General ordering data

| | | | |
|------------|----------------------------|---|--|
| Type | HG K+POK | Version | |
| Order No. | 1580360000 | Klippon POK (polyester empty enclosure), External joint, Hinge, Basic | |
| GTIN (EAN) | 4008190203542 | material: Aluminium AISi12, silver | |
| Qty. | 1 ST | | |

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. | 3896100000 | Klippon EB (Essential Box), Spacer, Height: 11.2 mm, Width: 10 mm, | |
| GTIN (EAN) | 4008190857851 | Depth: 15 mm, Basic material: Steel, silver | |
| Qty. | 2 ST | | |
| Type | SP M6 20 MSZN | Version | |
| Order No. | 3896200000 | Klippon EB (Essential Box), Spacer, Height: 11.2 mm, Width: 10 mm, | |
| GTIN (EAN) | 4008190850234 | Depth: 20 mm, Basic material: Steel, silver | |
| Qty. | 2 ST | | |
| Type | SP M6 30 MSZN | Version | |
| Order No. | 3896300000 | Klippon EB (Essential Box), Spacer, Height: 11.2 mm, Width: 10 mm, | |
| GTIN (EAN) | 4008190850241 | Depth: 30 mm, Basic material: Steel, silver | |
| Qty. | 2 ST | | |

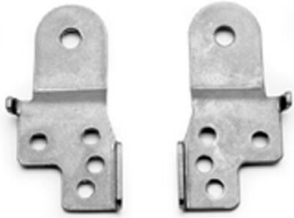
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Accessories

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

Weidmüller can manufacture and supply this enclosure - according to customer specifications - fitted with all necessary terminals and cable glands.

General ordering data

| | | | |
|------------|----------------------------|--|--|
| Type | KLIPPON K MF KIT 25 | Version | |
| Order No. | 9527590000 | Klippon K (aluminium empty enclosure), Mounting foot, Fixing lugs, | |
| GTIN (EAN) | 4032248014071 | Height: 70 mm, Width: 33.5 mm, Depth: 12 mm, Basic material: | |
| Qty. | 1 ST | Stainless steel 1.4301, silver | |

Mounting support



We offer a broad portfolio of mounting support for easy handling and supplementation of our products. From various tools to insulating sleeves and various screws, our components are matched to each other down to the last detail and thus facilitate assembly in compliance with the respective standards and protective regulations.

General ordering data

| | | | |
|------------|----------------------------|---|--|
| Type | FKSC M5X8 D9/SW2.5 | Version | |
| Order No. | 0295900000 | SAK Series, Allen hex screw, Screws, Number of poles: 1 | |
| GTIN (EAN) | 4008190133337 | | |
| Qty. | 50 ST | | |

Depth 15 mm



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

Weidmüller can manufacture and supply this enclosure - according to customer specifications - fitted with all necessary terminals and cable glands.

General ordering data

| | | | |
|------------|----------------------------|--|--|
| Type | TS35X15 ST 282 K79 VER | Version | |
| Order No. | 8000135670 | Rail, TS 35 x 15, Width: 282 mm, without slot, with slot, Steel, | |
| GTIN (EAN) | 4099987090063 | galvanic zinc plated and passivated | |
| Qty. | 1 ST | | |

KLIPPON K79 VMO

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Accessories

| | | | |
|------------|----------------------------|---------|--|
| Type | TS35X15 ST 382 K79 HOR | Version | |
| Order No. | 8000135668 | | Rail, TS 35 x 15, Width: 382 mm, without slot, with slot, Steel, |
| GTIN (EAN) | 4099987089944 | | galvanic zinc plated and passivated |
| Qty. | 1 ST | | |

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

Weidmüller can manufacture and supply this enclosure - according to customer specifications - fitted with all necessary terminals and cable glands.

General ordering data

| | | | |
|------------|----------------------------|---------|---|
| Type | TS35X7.5 ST 282 K79 VER | Version | |
| Order No. | 8000135669 | | Rail, TS 35 x 7.5, Width: 282 mm, without slot, with slot, Steel, |
| GTIN (EAN) | 4099987090056 | | galvanic zinc plated and passivated |
| Qty. | 1 ST | | |
| Type | TS35X7.5 ST 382 K79 HOR | Version | |
| Order No. | 8000135667 | | Rail, TS 35 x 7.5, Width: 382 mm, without slot, with slot, Steel, |
| GTIN (EAN) | 4099987089937 | | galvanic zinc plated and passivated |
| Qty. | 1 ST | | |