

## KLIPPON K4 EX RAL7001

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

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## 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, 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: 82 mm, Width: 130 mm, Depth: 72 mm, Basic material: Aluminium AlSi12, Powder-coated, textured, Silver grey
Order No.	<a href="#">1329700000</a>
Type	KLIPPON K4 EX RAL7001
GTIN (EAN)	4050118134209
Qty.	1 items

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## Technical data

## Approvals

Approvals



IECEx UK CA

RoHS

Conform

## Dimensions and weights

Depth	72 mm
Height	82 mm
Width	130 mm
Mounting dimension - height	68 mm
Net weight	698 g

Depth (inches)	2.8346 inch
Height (inches)	3.2283 inch
Width (inches)	5.1181 inch
Mounting dimension - width	116 mm

## Temperatures

Operating temperature -60 °C...135 °C

## Environmental Product Compliance

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

## Cable glands, left

M12	2
M32	1
M20	1

M16	2
M25	1

## Cable glands, right

M25	1
M32	1
M12	2

M16	2
M20	1

## Cable glands, top/bottom

M20	2
M25	2

M12	5
M16	3

## Certificate numbers enclosure

Declaration of Conformatiiv No. (DoC LVD)	DE PS2410 160412 001ISS03
Certificate no. empty enclosure (INMETRO)	LMP 23.0526U
Certificate no. empty enclosure (ATEX)	IBExU12ATEX1144 U
Certificate no. Terminal Box (IECEx)	IECEx IBE 13.0002X
Certificate No. (IECEx)	IECExIBE13.0001U
Approval conditions	DNV, GL, RMRS, ATEX, IECEx, UL AEx Class Div., CCC, INMETRO

Attestation of Conformatiiv No. (AoC)	DE PS2410 160308 001ISS03
Certificate no. Terminal Box (ATEX)	IBExU12ATEX1145 X
Certificate no. Terminal Box (INMETRO)	LMP 23.0527X
Certificate no. empty enclosure (IECEx)	IECEx IBE 13.0001U
Certificate No. (ATEX)	IBEXU12ATEX1144U

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## Technical data

## General information

Material thickness of cover	2.5 mm	Material thickness of enclosure	4 mm
Operating temperature, max.	135 °C	Operating temperature, min.	-60 °C
Lid attachment	M4 torx stainless steel screws with slot	Standards	IEC 60079-0, IEC 60079-7, IEC 60079-31, EN 45545-2:2013
Surface finish	Powder-coated, textured	Impact resistance	7 J ATEX version
Protection degree	IP66, IP67	Basic material	Aluminium AlSi12
Seal material	Silicone	Torque for lid screws	2.5 Nm
Integral fixing	Threaded holes M5	Enclosure attachment	Holes 5 mm
Number of lid screws	4	Access opening: width	122 mm
Flange plate	No	Lid	Yes
Access opening: height	74 mm	Areas of use	Explosive risk zone, Process industry, Transportation, Packaging industry, Marine engineering, Machine construction, Harbour facilities

## horizontal assembly

WDU 2,5 / ZDU 2,5 / IDU 2,5	*	WDU 4 / ZDU 4	*
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## vertical assembly

WDU 10 / ZDU 10	1x2	WDU 2,5 / ZDU 2,5 / IDU 2,5	1x5
WDU 4 / ZDU 4	1x4	WDU 6 / ZDU 6	1x3

## Classifications

ETIM 8.0	EC002503	ETIM 9.0	EC002503
ETIM 10.0	EC002503	ECLASS 14.0	27-18-05-02
ECLASS 15.0	27-18-05-02		

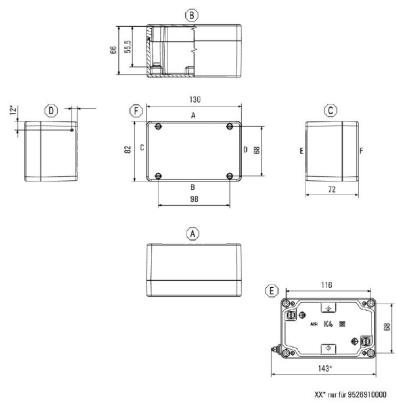
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## Drawings

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

### Dimensioned drawing



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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 TS15
- 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.	<a href="#">1580360000</a>	Klippon POK (polyester empty enclosure), External joint, Hinge, Basic
GTIN (EAN)	4008190203542	material: Aluminium AlSi12, silver
Qty.	1 ST	

## Klippon® K - Mounting plates



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- DIN Rails TS 35 and TS15
- Mounting plates
- Hinges
- Wall-mounted holder

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## General ordering data

Type	MOPL K4 STAHL	Version
Order No.	<a href="#">3073060000</a>	Klippon K (aluminium empty enclosure), Mounting plate, Mounting
GTIN (EAN)	4008190857998	plate, Height: 68 mm, Width: 116 mm, Depth: 2 mm, Basic material:
Qty.	1 ST	Sheet steel, galvanized, galvanized, silver

## 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 TS15
- 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	TS35 64 KLIPPON K4K11	Version
Order No.	<a href="#">1910060000</a>	Rail, TS 35, TS 35 x 7.5, Width: 64 mm, without slot, Steel,
GTIN (EAN)	4032248536979	galvanized, chromium-plated
Qty.	1 ST	

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## Accessories

## Installation material



Integrate, expand and customise - the perfect supplement to every application

The fully structured range of system accessories for the new Klippon® TB enclosure series allows you to easily adapt the enclosures to meet the specific requirements of every application.

## Mounting hardware kits

Mounting hardware kits are available for quick and easy installation of type label holders, document holders and rain hoods.

The label fastening set – SD is required to install a plastic (Trafolyte) ID or type label. With the aid of this set can you mount the ID or type label directly on the enclosure cover. The label fastening set has been specially developed for this purpose. Only by using this fastening set can you ensure that there will be no leaks into the enclosure or damage to the label.

The universal fastening set – TPSD has been developed to enable secure and quick installation of type label holders, rain covers or document holders, for example. By using this fastening set, the risk of leaks can be minimised, if not avoided.

## General ordering data

Type	TPSD FIXING SET KTB	Version
Order No.	<a href="#">1252190000</a>	Klippon TB (Terminal Box), Type plate fixings set, Basic material:
GTIN (EAN)	4050118043969	Stainless steel, rust-proof, untreated, silver
Qty.	20 ST	
Type	SD FIXING SET	Version
Order No.	<a href="#">1285200000</a>	Klippon TB (Terminal Box), Identification plate fixing set, Height: 12
GTIN (EAN)	4050118075472	mm, Width: 12 mm, Depth: 16.4 mm, Basic material: Stainless steel,
Qty.	1 ST	rust-proof, untreated, 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.	<a href="#">0295900000</a>	SAK Series, Allen hex screw, Screws, Number of poles: 1
GTIN (EAN)	4008190133337	
Qty.	50 ST	

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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 TS15
- 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 K4	Version
Order No.	<a href="#">8000037564</a>	Rail, TS 35, TS 35 x 7.5, Width: 64 mm, with slot, Steel, galvanized,
GTIN (EAN)	4050118653281	chromium-plated
Qty.	20 ST	

## TS 15



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 TS15
- 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	TS15X5 ST K4	Version
Order No.	<a href="#">8000037609</a>	Rail, TS 15, Width: 64 mm, without slot, Steel, galvanized, chromium-
GTIN (EAN)	4050118682489	plated
Qty.	20 ST	

## 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 TS15
- 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 K4	Version
Order No.	<a href="#">8000073090</a>	Rail, TS 35, TS 35 x 15, Width: 64 mm, with slot, Steel, galvanic zinc
GTIN (EAN)	4064675337010	plated and passivated
Qty.	20 ST	