

**KLIPPON K2 EX RAL7001****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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, 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: 70 mm, Width: 100 mm, Depth: 45 mm, Material: Aluminium AISi12, Powder-coated, Silver grey
Order No.	<a href="#">1329650000</a>
Type	KLIPPON K2 EX RAL7001
GTIN (EAN)	4050118133905
Qty.	1 pc(s).

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## Technical data

## Dimensions and weights

Depth	45 mm	Depth (inches)	1.772 inch
Height	70 mm	Height (inches)	2.756 inch
Width	100 mm	Width (inches)	3.937 inch
Mounting dimension - height	42 mm	Mounting dimension - width	88 mm
Net weight	358 g		

## Temperatures

Operating temperature	-60 °C...135 °C
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## Cable glands, left

M12	1	M16	1
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## Cable glands, right

M12	1	M16	1
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## Cable glands, top/bottom

M12	3	M16	3
M20	2		

## Certificate numbers enclosure

Approval conditions	DNV, GL, RMRS, ATEX, IECEx, UL AEx Class Div., CCC, INMETRO	Attestation of Conformity No. (AoC)	DE PS2410 160308 001ISS01
Certificate No. (ATEX)	IBEXU12ATEX1144U	Certificate No. (IECEX)	IECEXIBE13.0002X
Certificate no. Terminal Box (ATEX)	IBEXU12ATEX1145 X	Certificate no. Terminal Box (IECEX)	IECEX IBE 13.0002X
Certificate no. Terminal Box (INMETRO)	LMP 23.0527X	Certificate no. empty enclosure (ATEX)	IBEXU12ATEX1144 U
Certificate no. empty enclosure (IECEX)	IECEX IBE 13.0001U	Certificate no. empty enclosure (INMETRO)	LMP 23.0526U
Declaration of Conformity No. (DoC LVD)	DE_PS2410_160412_001ISS01		

## General information

Access opening: height	63 mm	Access opening: width	93 mm
Areas of use	Explosive risk zone, Process industry, Transportation, Packaging industry, Marine engineering, Machine construction, Harbour facilities	Enclosure attachment	
Flange plate	No		Holes 4 mm
Integral fixing	Threaded holes M4	Impact resistance	7 J ATEX version
Lid attachment	M4 torx stainless steel screws with slot	Lid	Yes
Material thickness of cover	3 mm	Material	Aluminium AlSi12
Number of lid screws	4	Material thickness of enclosure	3.5 mm
Operating temperature, min.	-60 °C	Operating temperature, max.	135 °C
Seal material	Silicone	Protection degree	IP66, IP67
		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

Creation date June 6, 2024 12:56:27 AM CEST

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## Technical data

## horizontal assembly

WDU 2,5 / ZDU 2,5 / IDU 2,5 1x10

## 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	ETIM 9.0	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	ECLASS 13.0	27-18-05-02

## Environmental Product Compliance

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

## Approvals

Approvals



## Downloads

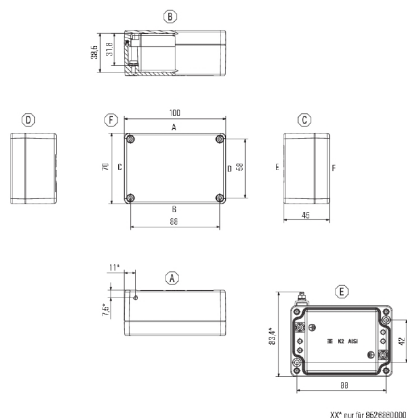
Approval/Certificate/Document of Conformity	<a href="#">CCC 2020322303000040 Klippon K Assembly Enclosure</a> <a href="#">UKCA TÜV 22 UKEX 7094 U</a> <a href="#">UKCA TÜV 22 UKEX 7095 X</a> <a href="#">IBEXU12ATEX1145X</a> <a href="#">IECEXIBE13.0001U</a> <a href="#">IECEXIBE13.0002X</a> <a href="#">TAE00002SM</a> <a href="#">IBEXU12ATEX1144U</a> <a href="#">INMETRO LMP 23.0527X - Terminal Box CAIXAS DE JUNÇÃO KLIPPON K</a> <a href="#">INMETRO CERTIFICADO LMP 23.0526U - INVÓLUCROS VAZIOS Empty Enclosure KLIPPON K</a> <a href="#">DoM Klippon K salt water resistance</a> <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> <a href="#">Technische Änderung für Klippon® K Gehäuse</a> <a href="#">20240315-PCN-Klippon K Enclosure Instruction</a>
Tender specification	<a href="#">Klippon K2 Ex RAL7001_1329650000_DE</a> <a href="#">Klippon K2 Ex RAL7001_1329650000_EN</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	

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[www.weidmueller.com](http://www.weidmueller.com)**Drawings****Dimensioned drawing**

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## 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 M4X6 D8/SW2	Version
Order No.	<a href="#">1567480000</a>	SAK Series, Allen hex screw, Screws, Number of poles: 1
GTIN (EAN)	4008190033491	
Qty.	100 pc(s).	

### 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 TS 15
- Mounting plates
- Hinges
- Wall-mounted holder

### General ordering data

Type	TS15 90 KLIPPON K2 CSS	Version
Order No.	<a href="#">1910010000</a>	Rail, TS 15, Width: 90 mm, without slot, Steel, galvanized, chromium-plated
GTIN (EAN)	4032248536924	
Qty.	1 pc(s).	
Type	TS15X5 ST K2	Version
Order No.	<a href="#">8000003884</a>	Rail, TS 15, Width: 90 mm, without slot, Steel, galvanic zinc plated and passivated
GTIN (EAN)	4050118652505	
Qty.	20 pc(s).	

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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	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, Material: Stainless steel, rust-
Qty.	1 pc(s).	proof, untreated, silver
Type	TPSD FIXING SET KTB	Version
Order No.	<a href="#">1252190000</a>	Klippon TB (Terminal Box), Type plate fixings set, Material: Stainless
GTIN (EAN)	4050118043969	steel, rust-proof, untreated, silver
Qty.	1 pc(s).	

## Klippon® K - Mounting plates



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

## General ordering data

Type	MOPL K2 N FE	Version
Order No.	<a href="#">1905270000</a>	Klippon K (aluminium empty enclosure), Mounting plate, Mounting
GTIN (EAN)	4032248524433	plate, Height: 52 mm, Width: 91 mm, Depth: 3 mm, Material: Sheet
Qty.	1 pc(s).	steel, galvanized, galvanized, silver