

KLIPPON K4 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, 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, Material: Aluminium AlSi12, Powder-coated, Silver grey
Order No.	1329700000
Type	KLIPPON K4 EX RAL7001
GTIN (EAN)	4050118134209
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Depth	72 mm	Depth (inches)	2.835 inch
Height	82 mm	Height (inches)	3.228 inch
Width	130 mm	Width (inches)	5.118 inch
Mounting dimension - height	68 mm	Mounting dimension - width	116 mm
Net weight	698 g		

Temperatures

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

M12	2	M16	2
M20	1	M25	1
M32	1		

Cable glands, right

M12	2	M16	2
M20	1	M25	1
M32	1		

Cable glands, top/bottom

M12	5	M16	3
M20	2	M25	2

Certificate numbers enclosure

Approval conditions	DNV, GL, RMRS, ATEX, IECEx, UL AEx Class Div., CCC, INMETRO	Attestation of Conformatiy No. (AoC)	DE PS24 10 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 Conformatiy No. (DoC LVD)	DE_PS2410_160412_001ISS01		

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Technical data

General information

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

horizontal assembly

WDU 2,5 / ZDU 2,5 / IDU 2,5

*

WDU 4 / ZDU 4

*

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 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



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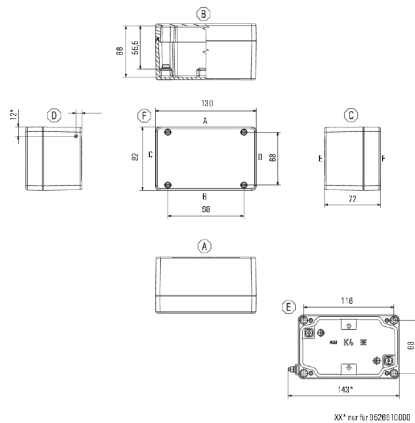
www.weidmueller.com**Technical data****Downloads**

Approval/Certificate/Document of Conformity	CCC 2020322303000040 Klippon K Assembly Enclosure UKCA TÜV 22 UKEX 7094 U UKCA TÜV 22 UKEX 7095 X IBEXU12ATEX1145X IECEXIBE13.0001U IECEXIBE13.0002X TAE00002SM IBEXU12ATEX1144U INMETRO LMP 23.0527X - Terminal Box CAIXAS DE JUNÇÃO KLIPPON K INMETRO CERTIFICADO LMP 23.0526U - INVÓLUCROS VAZIOS Empty Enclosure KLIPPON K DoM Klippon K salt water resistance DoM Klippon K EN 45545-2 2013 Railway
Engineering Data	CAD data – STEP
Product Change Notification	Technical change to Klippon K® enclosure series Technische Änderung für Klippon® K Gehäuse 20240315-PCN-Klippon K Enclosure Instruction
Tender specification	Klippon K4 Ex RAL7001_1329700000_DE Klippon K4 Ex RAL7001_1329700000_EN
Catalogues	Catalogues in PDF-format
Brochures	

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Drawings**Dimensioned drawing**

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www.weidmueller.com**Accessories****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 K4	Version
Order No.	8000073090	Rail, TS 35, TS 35 x 15, Width: 64 mm, with slot, Steel, galvanic zinc
GTIN (EAN)	4064675337010	plated and passivated
Qty.	20 pc(s).	

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.	0295900000	SAK Series, Allen hex screw, Screws, Number of poles: 1
GTIN (EAN)	4008190133337	
Qty.	50 pc(s).	

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www.weidmueller.com**Accessories****TS 15**

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

General ordering data

Type	TS15X5 ST K4	Version
Order No.	8000037609	Rail, TS 15, Width: 64 mm, without slot, Steel, galvanized, chromium-plated
GTIN (EAN)	4050118682489	
Qty.	20 pc(s).	

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 K4	Version
Order No.	8000037564	Rail, TS 35, TS 35 x 7.5, Width: 64 mm, with slot, Steel, galvanized, chromium-plated
GTIN (EAN)	4050118653281	
Qty.	20 pc(s).	
Type	TS35 64 KLIPPON K4K11	Version
Order No.	1910060000	Rail, TS 35, TS 35 x 7.5, Width: 64 mm, without slot, Steel, galvanized, chromium-plated
GTIN (EAN)	4032248536979	
Qty.	1 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.	1285200000	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.	1252190000	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 K4 STAHL	Version
Order No.	3073060000	Klippon K (aluminium empty enclosure), Mounting plate, Mounting
GTIN (EAN)	4008190857998	plate, Height: 68 mm, Width: 116 mm, Depth: 2 mm, Material: Sheet
Qty.	1 pc(s).	steel, galvanized, galvanized, silver

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Accessories

Klippon® K - Hinge



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

General ordering data

Type	HG K+POK	Version
Order No.	1580360000	Klippon POK (polyester empty enclosure), External joint, Hinge,
GTIN (EAN)	4008190203542	Material: Aluminium AlSi12, silver
Qty.	1 pc(s).	