KLIPPON K7 EX RAL7001

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: 160 mm, Width: 350 mm, Depth: 91 mm, Basic material: Aluminium AlSi12, Powder-coated, textured, Silver grey
Order No.	1329750000
Type	KLIPPON K7 EX RAL7001
GTIN (EAN)	4050118134056
Qty.	1 items

KLIPPON K7 EX RAL7001

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Technical data

Approvals

Approvals	CE ATEX - SIRA Ex IECEx UKCA
ROHS	Conform

Dimensions and weights

Depth	91 mm	Depth (inches)	3.5827 inch
Height	160 mm	Height (inches)	6.2992 inch
Width	350 mm	Width (inches)	13.7795 inch
Mounting dimension - height	140 mm	Mounting dimension - width	330 mm
Net weight	2710 g		

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	8	M16	6
M32	2	M25	2
M20	3	M40	1

Cable glands, right

M25	2	M16	6
M40	1	M32	2
M20	3	M12	8

Cable glands, top/bottom

M20	17	M12	42
M40	5	M32	6
M25	10	M16	26

Certificate numbers enclosure

Declaration of Conformatiy No. (DoC LVD)	DE PS2410 160412 001ISS03	Attestation of Conformatiy No. (AoC)	DE PS2410 160308 001ISS03
Certificate no. empty enclosure (INMETRO)	LMP 23.0526U	Certificate no. Terminal Box (ATEX)	IBExU12ATEX1145 X
Certificate no. empty enclosure (ATEX)	IBExU12ATEX1144 U	Certificate no. Terminal Box (INMETRO)	LMP 23.0527X
Certificate no. Terminal Box (IECEx)	IECEx IBE 13.0002X	Certificate no. empty enclosure (IECEx)	IECEx IBE 13.0001U
Certificate No. (IECEX)	IECEXIBE13.0001U	Certificate No. (ATEX)	IBEXU12ATEX1145X
Approval conditions	DNV, GL, RMRS, ATEX, IECEX, UL AEx Class Div., CCC, INMETRO		

Creation date 08.03.2026 12:54:36 MEZ

KLIPPON K7 EX RAL7001

Technical data

General information

Material thickness of cover	3 mm	Material thickness of enclosure	4.6 mm
Operating temperature, max.	135 °C	Operating temperature, min.	-60 °C
Lid attachment	M5 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 6 mm
Number of lid screws	4	Access opening: width	340.8 mm
Flange plate	No	Lid	Yes
Access opening: height	150.8 mm	Areas of use	Explosive risk zone, Process industry, Transportation, Packaging industry, Marine engineering, Machine construction, Harbour facilities

horizontal assembly

WDU 10 / ZDU 10	1x28	WDU 16 / ZDU 16	1x23
WDU 2,5 / ZDU 2,5 / IDU 2,5	1x55	WDU 35 / ZDU 35	1x17
WDU 4 / ZDU 4	1x46	WDU 6 / ZDU 6	1x34

vertical assembly

WDU 2,5 / ZDU 2,5 / IDU 2,5	*	WDU 4 / ZDU 4	*

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		

KLIPPON K7 EX RAL7001

Drawings

Dimensioned drawing

XX* nur für 9526980000
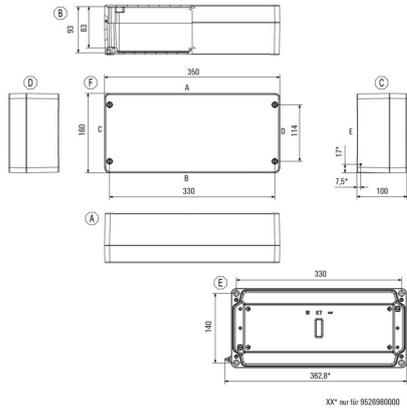
KLIPPON K7 EX RAL7001

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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.	1580360000	Klippon POK (polyester empty enclosure), External joint, Hinge, Basic
GTIN (EAN)	4008190203542	material: Aluminium AlSi12, silver
Qty.	1 ST	

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

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

General ordering data

Type	MOPL K7 STAHL	Version
Order No.	3073130000	Klippon K (aluminium empty enclosure), Mounting plate, Mounting
GTIN (EAN)	4008190858063	plate, Height: 144 mm, Width: 334 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

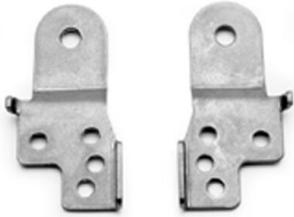| Type	TS35/324 KLIPPON K7 CSS	Version
Order No.	1910130000	Rail, TS 35, TS 35 x 7.5, Width: 324 mm, without slot, Steel,
GTIN (EAN)	4032248537044	galvanized, chromium-plated
Qty.	1 ST	

Creation date 08.03.2026 12:54:36 MEZ

KLIPPON K7 EX RAL7001

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 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	KLIPPON K MF KIT 16	Version	
Order No.	9529080000	Klippon K (aluminium empty enclosure), Mounting foot, Fixing lugs,	
GTIN (EAN)	4008190916299	Height: 70 mm, Width: 33.5 mm, Depth: 12 mm, Basic material:	
Qty.	1 ST	Stainless steel 1.4301, silver	

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.	1252190000	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.	1285200000	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	

Creation date 08.03.2026 12:54:36 MEZ

KLIPPON K7 EX RAL7001

Accessories

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 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 K7	Version	
Order No.	8000003905	Rail, TS 35, TS 35 x 7.5, Width: 324 mm, without slot, Steel,	
GTIN (EAN)	4050118652680	galvanized, chromium-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 K7	Version	
Order No.	8000073098	Rail, TS 35, TS 35 x 15, Width: 324 mm, with slot, Steel, galvanic zinc	
GTIN (EAN)	4064675340522	plated and passivated	
Qty.	20 ST		

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