KLIPPON K31 RAL7001

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: 80 mm, Width: 175 mm, Depth: 57 mm, Basic material: Aluminium AlSi12, Powder-coated, textured, Silver grey
Order No.	9529170000
Type	KLIPPON K31 RAL7001
GTIN (EAN)	4008190918071
Qty.	5 items

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Technical data

Approvals

Approvals	

ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E197061

Dimensions and weights

Depth	57 mm	Depth (inches)	2.2441 inch
Height	80 mm	Height (inches)	3.1496 inch
Width	175 mm	Width (inches)	6.8898 inch
Mounting dimension - height	52 mm	Mounting dimension - width	163 mm
Net weight	576.6 g		

Temperatures

Operating temperature	-40 °C...80 °C

Environmental Product Compliance

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

Cable glands, left

M12	2	M16	2
M20	1		

Cable glands, right

M16	2	M20	1
M12	2		

Cable glands, top/bottom

M20	4	M12	9
M25	3	M16	6

Certificate numbers enclosure

Declaration of Conformatiy No. (DoC LVD)	DE PS2410 160412 001ISS03	Certificate No. (DNV)	TAE00002SM
Approval conditions	cULus, RMRS, DNV	Certificate no. (cULus)	E197061

General information

Material thickness of cover	2.5 mm	Material thickness of enclosure	4 mm
Operating temperature, max.	80 °C	Operating temperature, min.	-40 °C
Lid attachment	M4 torx stainless steel screws with slot	Standards	EN 45545-2:2013
Surface finish	Powder-coated, textured	Impact resistance	10 J version standard
Protection degree	IP66, IP67, IP68	Basic material	Aluminium AlSi12
Seal material	Chloroprene	Torque for lid screws	2.5 Nm

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Technical data

Integral fixing	Threaded holes M4	Enclosure attachment	Holes 4 mm
Note: protection class	IP68 (t=72h, h=1m)	Protection class (UL)	Type 4, Type 4X
Number of lid screws	4	Access opening: width	167 mm
Unassembled to fit rail	TS15 164 KLIPPON K31 CSS	Flange plate	No
Max. payload	1.4 kg	Lid	Yes
Access opening: height	72 mm	Areas of use	Process industry, Transportation, Marine engineering, Packaging industry, Harbour facilities, Machine construction

horizontal assembly

WDU 2,5 / ZDU 2,5 / IDU 2,5	1x23	WDU 4 / ZDU 4	1x19

vertical assembly

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

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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Drawings

Dimensioned drawing

XX* nur für 9526890000
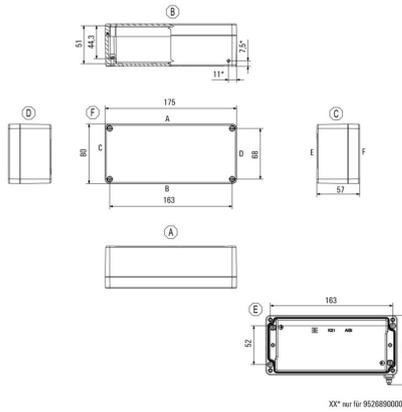
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Weidmüller

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 K31 STAHL	Version
Order No.	3073040000	Klippon K (aluminium empty enclosure), Mounting plate, Mounting
GTIN (EAN)	4008190857974	plate, Height: 67 mm, Width: 164 mm, Depth: 2 mm, Basic material:
Qty.	1 ST	Sheet steel, galvanized, galvanized, silver

Spacer

Stainless steel spacers in three lengths to increase the distance 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	

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Accessories

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		

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	TS15 164 KLIPPON K31 CSS	Version	
Order No.	1910040000	Rail, TS 15, Width: 164 mm, without slot, Steel, galvanized,	
GTIN (EAN)	4032248536955	chromium-plated	
Qty.	1 ST		

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 M4X6 D8/SW2	Version	
Order No.	1567480000	SAK Series, Allen hex screw, Screws, Number of poles: 1	
GTIN (EAN)	4008190033491		
Qty.	100 ST		

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Accessories

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 K31	Version
Order No.	8000003887	Rail, TS 15, Width: 164 mm, without slot, Steel, galvanic zinc plated
GTIN (EAN)	4050118652529	and passivated
Qty.	20 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 K31	Version
Order No.	8000003898	Rail, TS 35, TS 35 x 7.5, Width: 164 mm, without slot, Steel, galvanic
GTIN (EAN)	4050118652604	zinc plated and passivated
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 K31	Version
Order No.	8000073089	Rail, TS 35, TS 35 x 15, Width: 164 mm, with slot, Steel, galvanic zinc
GTIN (EAN)	4064675337003	plated and passivated
Qty.	20 ST	

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