Klippon K (aluminium empty enclosure)
KLIPPON K1 EX RAL7001

Similar to illustration

The Klippon® brand has long stood for competence and quality in housings – particularly when turnkey, customer-specific solutions for standard industrial applications and applications in explosive risk zones are concerned. Improved products that meet all application requirements: this was Weidmüller's aim when modernising and upgrading the Klippon® K enclosure series. 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.

- Available in two surface finishes: natural and powder-coated (RAL 7001)
- Available with moulded silicone or chloroprene gasket as standard
- Uniform Torx slotted screw head for 19 enclosure sizes
- Mounting holes outside of the gasket area
- High IP protection classes: IP66, IP67 and IP68
- Impact resistance of up to 7 (10) Joules
- The enclosures are approved according ATEX, IECEx, GOST Ex, GOST, cULus, Russian Maritime Register and Germanischer Lloyd as well as the empty enclosure standard.
- Alloy is resistant to salt water
- Standardised distributor enclosures with threaded holes and a variety of terminal configurations

General ordering data

Type	KLIPPON K1 EX RAL7001
Order No.	1329630000
Version	Klippon K (aluminium empty enclosure), Empty enclosure, Aluminium enclosure, Height: 70 mm, Width: 70 mm, Depth: 45 mm, Material: Aluminium AlSi12, Powder-coated, Silver grey
GTIN (EAN)	4050118133820
Qty.	1 pc(s).

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Klippon K (aluminium empty enclosure)
KLIPPON K1 EX RAL7001

Technical data

Dimensions and weights

Width	70 mm	Width (inches)	2.756 inch
Height	70 mm	Height (inches)	2.756 inch
Depth	45 mm	Depth (inches)	1.772 inch
Mounting dimension - width	58 mm	Mounting dimension - height	42 mm
Net weight	299 g		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1

Cable glands, left

M12	1	M16	1

Cable glands, right

M12	1	M16	1

Cable glands, top/bottom

M12	2	M16	2
M20	1		

Certificate numbers enclosure

Certificate no. assembled enclosure (ATEX)	IBExU12ATEX1145 X	Certificate no. empty enclosure (ATEX)	IBExU12ATEX1144 U
Certificate no. assembled enclosure (IECEx)	IECEx IBE 13.0002X	Certificate no. empty enclosure (IECEx)	IECEx IBE 13.0001U
Certificate no., assembled enclosure (EAC)	RU C-DE.ГБ08.В.01328	Certificate no., empty enclosure (EAC)	RU C-DE.ГБ08.В.00472
Certificate No. (MARITREG)	19.00108.272		

General information

Areas of use	Explosive risk zone, Process industry, Transportation, Packaging industry, Marine engineering, Machine construction, Harbour facilities	Material thickness	3.5 mm
Material thickness of cover	3 mm	Material thickness of enclosure	3.5 mm
Standards	IEC 60079-0, IEC 60079-7, IEC 60079-31	Torque for lid screws	2.5 Nm
Material	Aluminium AlSi12	Seal material	Silicone
Surface finish	Powder-coated	Operating temperature, min.	-60 °C
Operating temperature, max.	135 °C	Impact resistance	7.00 J
Protection degree	IP66, IP67	Enclosure attachment	Holes 4 mm
Lid attachment	M4 torx stainless steel screws with slot	Integral fixing	Threaded holes M4

horizontal assembly

WDU 2,5 / ZDU 2,5 / IDU 2,5	1x5	WDU 4 / ZDU 4	1x1*

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Technical data

vertical assembly

WDU 2,5 / ZDU 2,5 / IDU 2,5	1x1*	WDU 4 / ZDU 4	1x1*

Classifications

ETIM 6.0	EC002503	ETIM 7.0	EC002503
eClass 9.0	27-18-05-02	eClass 9.1	27-18-05-02
eClass 10.0	27-18-05-02		

Approvals

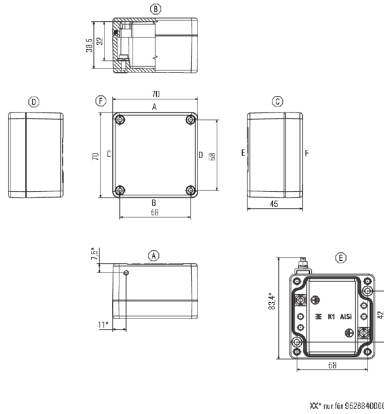Approvals

Downloads

Brochure/Catalogue	CAT 5 ENCL 17/18 EN
Engineering Data	STEP
Tender specification	Klippon K1 Ex RAL7001_1329630000_DE Klippon K1 Ex RAL7001_1329630000_EN

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Drawings

Dimensioned drawing

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Catalogue status 17.04.2020 / We reserve the right to make technical changes.

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Accessories

Klippon® K - Mounting plates

The Klippon® brand has long stood for competence and quality in housings – particularly when turnkey, customer-specific solutions for standard industrial applications and applications in explosive risk zones are concerned. Improved products that meet all application requirements: this was Weidmüller's aim when modernising and upgrading the Klippon® K enclosure series. 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.

General ordering data

Type	MOPL K1 N FE	Version	
Order No.	1905280000	Klippon K (aluminium empty enclosure), Mounting plate, Mounting	
GTIN (EAN)	4032248524426	plate, Height: 52 mm, Width: 61 mm, Depth: 3 mm, Material: Sheet	
Qty.	1 pc(s).	steel, galvanized, galvanized, 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 you can 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, Material:	
GTIN (EAN)	4050118075472	Stainless steel, rust-proof, untreated, silver	
Qty.	1 pc(s).		
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).		

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Accessories

TS 15

The Klippon® brand has long stood for competence and quality in housings – particularly when turnkey, customer-specific solutions for standard industrial applications and applications in explosive risk zones are concerned. Improved products that meet all application requirements: this was Weidmüller's aim when modernising and upgrading the Klippon® K enclosure series. 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.

General ordering data

Type	TS15X5 ST K1	Version	
Order No.	8000003883	Rail, TS 15, Length: 60 mm, without slot, Steel, galvanized, chromium-	
GTIN (EAN)	4050118653328	plated	
Qty.	20 pc(s).		

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