

**Klippon K (aluminium empty enclosure)
KLIPPON K1 EX RAL7001**

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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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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
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Cable glands, right

M12	1	M16	1
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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)	14.40040.250		

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*
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Classifications

ETIM 6.0	EC002503	eClass 6.2	27-18-05-02
eClass 9.0	27-18-05-02	eClass 9.1	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

