

Klippon K (aluminium empty enclosure) KLIPPON K1 VMO

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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 VMO
Order No.	1939560000
Version	Klippon K (aluminium empty enclosure), Empty enclosure, Aluminium enclosure, Height: 70 mm, Width: 70 mm, Depth: 45 mm, Material: Aluminium AlSi12, untreated, silver
GTIN (EAN)	4032248615391
Qty.	10 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	252.8 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. (GERMLLOYD)	TAE00002SM	Certificate No. (MARITREG)	14.40040.250
Certificate no. (cULus)	E197061		

General information

Areas of use	Process industry, Transportation, Marine engineering, Packaging industry, Harbour facilities, Machine construction	Material thickness	3.5 mm
Material thickness of cover	3 mm	Material thickness of enclosure	3.5 mm
Material	Aluminium AlSi12	Seal material	Silicone
Surface finish	untreated	Operating temperature, min.	-50 °C
Operating temperature, max.	135 °C	Impact resistance	10.00 J
Protection degree	IP66, IP67, IP68	Note: protection class	IP68 (t=72h, h=1m)
Enclosure attachment	Holes 4 mm	Lid attachment	M4 torx stainless steel screws with slot
Integral fixing	Threaded holes M4		

vertical assembly

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

Classifications

ETIM 4.0	EC002600	ETIM 5.0	EC002600
ETIM 6.0	EC000261	eClass 6.2	27-14-91-07
eClass 7.1	27-14-91-07	eClass 8.1	27-14-91-07
eClass 9.0	27-18-01-01	eClass 9.1	27-18-92-90

Creation date May 27, 2019 3:05:01 PM CEST

Data sheet

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Technical data

Approvals

Approvals



ROHS Conform

Downloads

Approval/Certificate/Document of Conformity	EU Declaration of Conformity - Klippon K Empty Enclosures - DoC DE PS2410 160412 001ISS01
Brochure/Catalogue	MB KLIPPON ENCL.TECN EN CAT 5 ENCL 17/18 EN FL RAILWAY 2014 EN
Engineering Data	STEP
Tender specification	Klippon K1 VMO_1939560000_DE Klippon K1 VMO_1939560000_EN
User Documentation	MB KLIPPON ENCL.TECN DE Assembly guidelines - empty enclosures

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Drawings

Dimensioned drawing

