

Klippon K (aluminium empty enclosure) KLIPPON K6 VMQ RAL7001

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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 K6 VMQ RAL7001
Order No.	1937870000
Version	Klippon K (aluminium empty enclosure), Empty enclosure, Aluminium enclosure, Height: 160 mm, Width: 200 mm, Depth: 100 mm, Material: Aluminium AISi 12, Powder-coated, textured, Silver grey
GTIN (EAN)	4032248610099
Qty.	1 pc(s).

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Technical data
Dimensions and weights

Width	200 mm	Width (inches)	7.874 inch
Height	160 mm	Height (inches)	6.299 inch
Depth	100 mm	Depth (inches)	3.937 inch
Mounting dimension - width	180 mm	Mounting dimension - height	140 mm
Net weight	1,900 g		

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

Cable glands, left

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

Cable glands, right

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

Cable glands, top/bottom

M12	17	M16	12
M20	7	M25	4
M32	3	M40	2

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	4.6 mm
Material thickness of cover	3 mm	Material thickness of enclosure	4.6 mm
Material	Aluminium AlSi12	Seal material	Silicone
Surface finish	Powder-coated, textured	Operating temperature, min.	-60 °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 6 mm	Lid attachment	M5 torx stainless steel screws with slot
Integral fixing	Threaded holes M5		

horizontal assembly

WDU 10 / ZDU 10	1x12	WDU 16 / ZDU 16	1x10
WDU 2,5 / ZDU 2,5 / IDU 2,5	1x25	WDU 4 / ZDU 4	1x21
WDU 6 / ZDU 6	1x15		

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Technical data
vertical assembly

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

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WDU 4 / ZDU 4

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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

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 K6 VMQ RAL7001_1937870000_DE Klippon K6 VMQ RAL7001_1937870000_EN
User Documentation	MB KLIPPON ENCL.TECN DE Assembly guidelines - empty enclosures

**Klippon K (aluminium empty enclosure)
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Drawings**Dimensioned drawing**