

Klippon K (aluminium empty enclosure) KLIPPON K61 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 K61 RAL7001
Order No.	9529250000
Version	Klippon K (aluminium empty enclosure), Empty enclosure, Aluminium enclosure, Height: 160 mm, Width: 260 mm, Depth: 91 mm, Material: Aluminium AISi12, Powder-coated, textured, Silver grey
GTIN (EAN)	4008190918149
Qty.	1 pc(s).

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Technical data
Dimensions and weights

Width	260 mm	Width (inches)	10.236 inch
Height	160 mm	Height (inches)	6.299 inch
Depth	91 mm	Depth (inches)	3.583 inch
Mounting dimension - width	240 mm	Mounting dimension - height	110 mm
Weight	2,060 g	Net weight	2,223 g

Cable glands, left

M12	8	M16	6
M20	3	M25	2
M32	1	M40	1

Cable glands, right

M12	8	M16	6
M20	3	M25	2
M32	1	M40	1

Cable glands, top/bottom

M12	27	M16	23
M20	13	M25	8
M32	4	M40	3

Certificate numbers enclosure

Certificate no., assembled enclosure (EAC)	RU C-DE.ГБ08.B.01328	Certificate no., empty enclosure (EAC)	RU C-DE.ГБ08.B.00472
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	4.5 mm
Material thickness of cover	4 mm	Material thickness of enclosure	4.5 mm
Material	Aluminium AlSi12	Seal material	Chloroprene
Surface finish	Powder-coated, textured	Operating temperature, min.	-40 °C
Operating temperature, max.	80 °C	Impact resistance	10.00 J
Protection degree	IP66, IP67, IP68, NEMA 4, NEMA 4x	Note: protection class	IP68 (t=72h, h=1m)
Enclosure attachment	Holes 6 mm	Lid attachment	M6 torx stainless steel screws with slot
Integral fixing	Threaded holes M5		

horizontal assembly

WDU 10 / ZDU 10	1x19	WDU 16 / ZDU 16	1x16
WDU 2,5 / ZDU 2,5 / IDU 2,5	1x38	WDU 4 / ZDU 4	1x32
WDU 6 / ZDU 6	1x24		

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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 3.0	EC000058	ETIM 4.0	EC000058
ETIM 5.0	EC000058	ETIM 6.0	EC000261
UNSPSC	31-26-15-02	eClass 5.1	27-14-91-07
eClass 6.2	27-14-91-07	eClass 7.1	27-14-91-07
eClass 8.1	27-14-91-07	eClass 9.0	27-14-44-30
eClass 9.1	27-18-92-90		

Product information

Descriptive text ordering data	The colours of painted enclosures may vary under certain circumstances.
Descriptive text technical data	The mounting rails are designed to be installed directly. Assembly with terminals provides for 10 mm clearance to the ends of the mounting rail. Ordering recommendations: TS 35 mounting rail (screw-type terminals) WDU 2.5 1020000000 / (tension clamp terminals) ZDU 2.5 1608510000 *For fitting the enclosures with terminal blocks, please refer to the Terminal block catalogue or the SAK series. We recommend BK 12 or BK 12 CRN (0625320000) for vertical installations. There are no pre-defined mounting points set within this enclosure for installing internal equipment in a vertical position.
Descriptive text accessories	The accessory sets contain the necessary mounting materials. Necessary on use of 2 hinges per longitudinal side. Helicoil for outdoor applications, available ex-works.

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	EPLAN, WSCAD
Engineering Data	STEP
Tender specification	Klippon K61 RAL7001_9529250000_DE Klippon K61 RAL7001_9529250000_EN
User Documentation	MB KLIPPON ENCL.TECN DE Assembly guidelines - empty enclosures

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Drawings**Dimensioned drawing**