

Klippon K (aluminium empty enclosure) KLIPPON K5

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The aluminium Klippon® K enclosures are suitable for use in an extremely wide range of different areas. Various components can be installed inside the enclosures, and will benefit in particular from the high temperature resistance, the excellent IP protection and the good impact resistance.

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.

Klippon® K enclosures for hazardous areas are available on request. Our extensive product range offers the following advantages:

- Available in two surface finishes: natural and powder-coated (RAL 7001)
- With chloroprene moulded seal as standard (silicone moulded seal optionally available)
- Standardised closure system with Torx slotted screw head for 19 enclosure sizes
- Mounting holes outside of the gasket area
- High IP protection classes: IP66, IP67 and IP68 according to DIN EN 60529
- Impact resistance of up to 7 (10) Joules
- The enclosures are approved according ATEX, IECEx, EAC, cULus, Russian Maritime Register and DNV GL as well as the empty enclosure standard.
- Suitable for railway applications according to EN 45545-2:2013
- Alloy is resistant to salt water
- Standardised distributor enclosures with threaded holes and a variety of terminal configurations

General ordering data

Type	KLIPPON K5
Order No.	0342400000
Version	Klippon K (aluminium empty enclosure), Empty enclosure, Aluminium enclosure, Height: 130 mm, Width: 170 mm, Depth: 90 mm, Material: Aluminium AlSi12, untreated, silver
GTIN (EAN)	4008190075811
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Width	170 mm	Width (inches)	6.693 inch
Height	130 mm	Height (inches)	5.118 inch
Depth	90 mm	Depth (inches)	3.543 inch
Mounting dimension - width	150 mm	Mounting dimension - height	110 mm
Weight	1,540 g	Net weight	1,360 g

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

Cable glands, left

M12	4	M16	2
M20	1	M25	1
M32	1		

Cable glands, right

M12	4	M16	2
M20	1	M25	1
M32	1		

Cable glands, top/bottom

M12	11	M16	8
M20	4	M25	3
M32	2		

Certificate numbers enclosure

Declaration of Conformity No. (DoC LVD)	DE_PS2410_160412_001ISS01	Certificate No. (GERMLLOYD)	TAE00002SM
Certificate No. (MARITREG)	19.00108.272	Certificate no. (cULus)	E197061
Certificate No. (DNVGL)	TAE00002SM	Certificate No. (EAC)	RUC-DE.BE02.B.00173

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
Standards	EN 45545-2:2013	Torque for lid screws	2.5 Nm
Material	Aluminium AISi12	Seal material	Chloroprene
Surface finish	untreated	Operating temperature, min.	-40 °C
Operating temperature, max.	80 °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		

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Technical data**horizontal assembly**

WDU 10 / ZDU 10	1x10	WDU 16 / ZDU 16	1x8
WDU 2,5 / ZDU 2,5 / IDU 2,5	1x20	WDU 4 / ZDU 4	1x17
WDU 6 / ZDU 6	1x12		

vertical assembly

WDU 2,5 / ZDU 2,5 / IDU 2,5	*	WDU 4 / ZDU 4	*
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Classifications

ETIM 6.0	EC000261	ETIM 7.0	EC000261
eClass 9.0	27-18-01-01	eClass 9.1	27-18-92-90
eClass 10.0	27-18-01-01	UNSPSC	31-26-15-02

Approvals

Approvals



ROHS

Conform

Downloads

Approval/Certificate/Document of Conformity	RUC-DE.BE02.B.00173 TAE00002SM 19.00108.272 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 K5_0342400000_DE Klippon K5_0342400000_EN
User Documentation	Assembly guidelines - empty enclosures

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Drawings

Dimensioned drawing

