

## Klippon K (aluminium empty enclosure) KLIPPON K2

**Weidmüller Interface GmbH & Co. KG**  
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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 K2
Order No.	<a href="#">0342100000</a>
Version	Klippon K (aluminium empty enclosure), Empty enclosure, Aluminium enclosure, Height: 70 mm, Width: 100 mm, Depth: 45 mm, Material: Aluminium AlSi12, untreated, silver
GTIN (EAN)	4008190104641
Qty.	10 pc(s).

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### Technical data

#### Dimensions and weights

Width	100 mm	Width (inches)	3.937 inch
Height	70 mm	Height (inches)	2.756 inch
Depth	45 mm	Depth (inches)	1.772 inch
Mounting dimension - width	88 mm	Mounting dimension - height	42 mm
Weight	280 g	Net weight	310.2 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	3	M16	3
M20	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	3.5 mm
Material thickness of cover	3 mm	Material thickness of enclosure	3.5 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 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	1x10
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#### vertical assembly

WDU 2,5 / ZDU 2,5 / IDU 2,5	*	WDU 4 / ZDU 4	*
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Creation date 15 October 2020 03:38:58 CEST

Catalogue status 09.10.2020 / We reserve the right to make technical changes.

**Data sheet**

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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	<a href="#">RUC-DE.BE02.B.00173</a> <a href="#">TAE00002SM</a> <a href="#">19.00108.272</a> <a href="#">EU Declaration of Conformity - Klippon K Empty Enclosures - DoC DE PS2410 160412 001ISS01</a>
Brochure/Catalogue	<a href="#">MB KLIPPON ENCL.TECN EN</a> <a href="#">CAT 5 ENCL 17/18 EN</a> <a href="#">FL RAILWAY 2014 EN</a>
Engineering Data	<a href="#">EPLAN, WSCAD</a>
Engineering Data	<a href="#">STEP</a>
Tender specification	<a href="#">Klippon K2_0342100000_DE</a> <a href="#">Klippon K2_0342100000_EN</a>
User Documentation	<a href="#">Assembly guidelines - empty enclosures</a>

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**Drawings****Dimensioned drawing**