

## Klippon K (aluminium empty enclosure) KLIPPON K2 EX

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
www.weidmueller.com



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 K2 EX
Order No.	<a href="#">9526860000</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)	4032248019137
Qty.	1 pc(s).

**Klippon K (aluminium empty enclosure)  
KLIPPON K2 EX**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-292083  
 www.weidmueller.com

**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	331 g

**Environmental Product Compliance**

REACH SVHC Lead 7439-92-1

**Cable glands, left**

M12	1	M16	1
-----	---	-----	---

**Cable glands, right**

M12	1	M16	1
-----	---	-----	---

**Cable glands, top/bottom**

M12	3	M16	3
M20	2		

**Certificate numbers enclosure**

Certificate no. assembled enclosure (ATEX)	IBExU12ATEX1145 X	Certificate no. empty enclosure (ATEX)	IBExU12ATEX1144 U
Certificate no. assembled enclosure (IECEX)	IECEX IBE 13.0002X	Certificate no. empty enclosure (IECEX)	IECEX IBE 13.0001U
Certificate no., assembled enclosure (EAC)	RU C-DE.ГБ08.B.01328	Certificate no., empty enclosure (EAC)	RU C-DE.ГБ08.B.00472
Certificate No. (GERMLLOYD)	TAE00002SM	Certificate No. (MARITREG)	14.40040.250

**General information**

Areas of use	Explosive risk zone, Process industry, Transportation, Packaging industry, Marine engineering, Machine construction, Harbour facilities	Material thickness	3.5 mm
Material thickness of cover	3 mm	Material thickness of enclosure	3.5 mm
Standards	IEC 60079-0, IEC 60079-7, IEC 60079-31	Torque for lid screws	2.5 Nm
Material	Aluminium AISi12	Seal material	Silicone
Surface finish	untreated	Operating temperature, min.	-60 °C
Operating temperature, max.	135 °C	Impact resistance	7.00 J
Protection degree	IP66, IP67	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
-----------------------------	------

Creation date April 18, 2019 12:51:17 PM CEST

## Klippon K (aluminium empty enclosure) KLIPPON K2 EX

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
www.weidmueller.com

## Technical data

### vertical assembly

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

\*

WDU 4 / ZDU 4

\*

### Classifications

ETIM 3.0	EC000049	ETIM 4.0	EC002503
ETIM 5.0	EC002503	ETIM 6.0	EC002503
UNSPSC	31-26-15-02	eClass 5.1	27-18-05-02
eClass 6.2	27-18-05-02	eClass 7.1	27-18-05-02
eClass 8.1	27-18-05-02	eClass 9.0	27-18-05-02
eClass 9.1	27-18-05-02		

### Approvals

Approvals



ROHS

Conform

### Downloads

Approval/Certificate/Document of Conformity	<a href="#">Attestation of Conformity - Klippon K Empty Enclosures - AoC DE PS2410 160308 001ISS01</a> <a href="#">EU Declaration of Conformity - Klippon K Empty Enclosures - DoC DE PS2410 160412 001ISS01</a>
Brochure/Catalogue	<a href="#">MB OVERV. PROCESS WD DE</a> <a href="#">MB KLIPPON ENCL.TECN EN</a> <a href="#">MB PROCESS 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 Ex_9526860000_DE</a> <a href="#">Klippon K2 Ex_9526860000_EN</a>
User Documentation	<a href="#">MB KLIPPON ENCL.TECN DE</a> <a href="#">Assembly guidelines - empty enclosures</a>

**Klippon K (aluminium empty enclosure)  
KLIPPON K2 EX**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
www.weidmueller.com

**Drawings****Dimensioned drawing**