

**KLIPPON K2 EX**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany

www.weidmueller.com

**Similar to illustration**



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**

Version	Klippon K (aluminium empty enclosure), Empty enclosure, Aluminium enclosure, Height: 70 mm, Width: 100 mm, Depth: 45 mm, Material: Aluminium AlSi12, untreated, silver
Order No.	<a href="#">9526860000</a>
Type	KLIPPON K2 EX
GTIN (EAN)	4032248019137
Qty.	1 Stück

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## Technische Daten

### Dimensions and weights

Depth	45 mm	Depth (inches)	1.772 inch
Height	70 mm	Height (inches)	2.756 inch
Width	100 mm	Width (inches)	3.937 inch
Mounting dimension - height	42 mm	Mounting dimension - width	88 mm
Net weight	331 g		

### Temperatures

Operating temperature	-60 °C...135 °C	Operating temperature, min.	-60 °C
Operating temperature, max.	135 °C		

### 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

Approval conditions	DNV, GL, RMRS, ATEX, EAC, IECEX, UL AEx Class Div., CCC	Attestation of Conformity No. (AoC)	DE PS2410 160308 001ISS01
Certificate No. (ATEX)	IBEXU12ATEX1144U	Certificate No. (EAC)	C-DE.HB07.B.00089-20
Certificate No. (IECEX)	IECEXIBE13.0001U	Certificate No. (MARITREG)	19.00108.272
Certificate no. Terminal Box (ATEX)	IBExU12ATEX1145 X	Certificate no. Terminal Box (EAC)	C-DE.HB07.B.00089/20 Ex Terminal Box
Certificate no. Terminal Box (IECEX)	IECEX IBE 13.0002X	Certificate no. empty enclosure (ATEX)	IBEXU12ATEX1144 U
Certificate no. empty enclosure (IECEX)	IECEX IBE 13.0001U	Certificate no., empty enclosure (EAC)	C-DE.HB07.B.00089/20
Declaration of Conformity No. (DoC LVD)	DE_PS2410_160412_001ISS01		

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### General information

Access opening: height	63 mm	Access opening: width	93 mm
Areas of use	Explosive risk zone, Process industry, Transportation, Packaging industry, Marine engineering, Machine construction, Harbour facilities	Enclosure attachment	Holes 4 mm
Flange plate	No	Impact resistance	7 J ATEX version
Integral fixing	Threaded holes M4	Lid	Yes
Lid attachment	M4 torx stainless steel screws with slot	Material	Aluminium AISi12
Material thickness of cover	3 mm	Material thickness of enclosure	3.5 mm
Number of lid screws	4	Operating temperature, max.	135 °C
Operating temperature, min.	-60 °C	Protection degree	IP66, IP67
Seal material	Silicone	Standards	IEC 60079-0, IEC 60079-7, IEC 60079-31, EN 45545-2:2013
Surface finish	untreated	Torque for lid screws	2.5 Nm

### horizontal assembly

WDU 2,5 / ZDU 2,5 / IDU 2,5      1x10

### vertical assembly

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

### Classifications

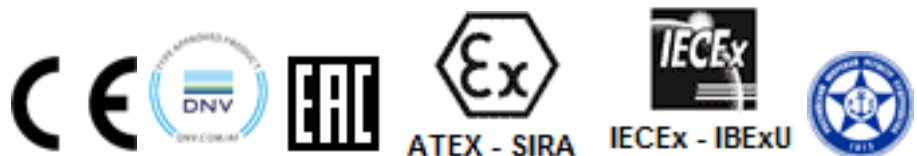
ETIM 6.0	EC002503	ETIM 7.0	EC002503
ETIM 8.0	EC002503	ECLASS 9.0	27-18-05-02
ECLASS 9.1	27-18-05-02	ECLASS 10.0	27-18-05-02
ECLASS 11.0	27-18-05-02	ECLASS 12.0	27-18-05-02

### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	9e4cab4e-239c-4e14-b9df-a0fee300d28a

### Approvals

Approvals



ROHS      Conform

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## Technische Daten

### Downloads

Approval/Certificate/Document of Conformity	<a href="#">C-DE.HB07.B.00089-Empty Enclosures and Ex. Terminal Box</a> <a href="#">CCC 2020322303000040 Klippon K Assembly Enclosure</a> <a href="#">UKCA TÜV 22 UKEX 7094 U</a> <a href="#">UKCA TÜV 22 UKEX 7095 X</a> <a href="#">Attestation of Conformity - Klippon K Empty Enclosures - AoC DE PS2410 160308 001ISS03</a> <a href="#">RUC-DE.BE02.B.00173</a> <a href="#">IBEXU12ATEX1145X</a> <a href="#">IECEXIBE13.0001U</a> <a href="#">IECEXIBE13.0002X</a> <a href="#">TAE00002SM</a> <a href="#">19.00108.272</a> <a href="#">IBEXU12ATEX1144U</a> <a href="#">EU Declaration of Conformity - Klippon K Empty Enclosures - DoC DE PS2410 160412 001ISS02</a> <a href="#">DoM Klippon K salt water resistance</a> <a href="#">DoM Klippon K EN 45545-2 2013 Railway</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Engineering Data	<a href="#">WSCAD, EPLAN</a>
Product Change Notification	<a href="#">Technical change to Klippon K® enclosure series</a> <a href="#">Technische Änderung für Klippon® K Gehäuse</a>
Tender specification	<a href="#">Klippon K2 Ex_9526860000_DE</a> <a href="#">Klippon K2 Ex_9526860000_EN</a>
User Documentation	<a href="#">Assembly guidelines - empty enclosures</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">MB OVERV. PROCESS WD DE</a> <a href="#">MB KLIPPON ENCL.TECN EN</a> <a href="#">MB PROCESS EN</a> <a href="#">FL RAILWAY 2014 EN</a> <a href="#">FL RAILWAY 2014 EN</a>

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**Zeichnungen**

**Dimensioned drawing**

