

KLIPPON K1 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: 70 mm, Depth: 45 mm, Material: Aluminium AlSi12, untreated, silver
Order No.	9526840000
Type	KLIPPON K1 EX
GTIN (EAN)	4032248019151
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	45 mm	Depth (inches)	1.772 inch
Height	70 mm	Height (inches)	2.756 inch
Mounting dimension - height	42 mm	Mounting dimension - width	58 mm
Net weight	272 g	Weight	220 g
Width	70 mm	Width (inches)	2.756 inch

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	2	M16	2
M20	1		

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)	IBEXU12ATEX1145X	Certificate No. (DNVGL)	TAE00002SM
Certificate No. (EAC)	RUC-DE.BE02.B.00173	Certificate No. (GERMLLOYD)	TAE00002SM
Certificate No. (IECEX)	IECEXIBE13.0002X	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	63 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	Halogen	Yes
Impact resistance	7.00 J	Integral fixing	Threaded holes M4
Lid	Yes	Lid attachment	M4 torx stainless steel screws with slot
Material	Aluminium AlSi12	Material thickness	3.5 mm
Material thickness of cover	3 mm	Material thickness of enclosure	3.5 mm
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	1x5	WDU 4 / ZDU 4	1x1*
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vertical assembly

WDU 2,5 / ZDU 2,5 / IDU 2,5	1x1*	WDU 4 / ZDU 4	1x1*
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Classifications

ETIM 6.0	EC002503	ETIM 7.0	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

Approvals

Approvals



ROHS Conform

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Technical data

Downloads

Approval/Certificate/Document of Conformity	C-DE.HB07.B.00089-Empty Enclosures and Ex. Terminal Box CCC 2020322303000040 Klippon K Assembly Enclosure Attestation of Conformity - Klippon K Empty Enclosures - AoC DE PS2410 160308 001ISS01 RUC-DE.BE02.B.00173 IBEXU12ATEX1145X IECEXIBE13.0001U IECEXIBE13.0002X TAE00002SM 19.00108.272 IBEXU12ATEX1144U EU Declaration of Conformity - Klippon K Empty Enclosures - DoC DE PS2410 160412 001ISS01 DoM Klippon K salt water resistance DoM Klippon K EN 45545-2 2013 Railway
Engineering Data	STEP
Engineering Data	EPLAN, WSCAD
Tender specification	Klippon K1 Ex_9526840000_DE Klippon K1 Ex_9526840000_EN
User Documentation	Assembly guidelines - empty enclosures

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Drawings

Dimensioned drawing

