

KLIPPON K2

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.	0342100000
Type	KLIPPON K2
GTIN (EAN)	4008190104641
Qty.	10 pc(s).
Unassembled to fit rail	1910010000

Creation date June 13, 2023 4:46:15 AM CEST

Catalogue status 09.06.2023 / We reserve the right to make technical changes.

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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
Width	100 mm	Width (inches)	3.937 inch
Mounting dimension - height	42 mm	Mounting dimension - width	88 mm
Net weight	310.2 g		

Temperatures

Operating temperature	-40 °C...80 °C	Operating temperature, min.	-40 °C
Operating temperature, max.	80 °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	cULus, RMRS, DNV	Certificate No. (EAC)	C-DE.AB54.B.00251.19
Certificate No. (MARITREG)	19.00108.272	Certificate no. (cULus)	E197061
Certificate no. Terminal Box (EAC)	C-DE.AД54.B.00251/19 Ind. Terminal Box	Certificate no., empty enclosure (EAC)	C-DE.HB07.B.00089/20
Declaration of Conformity No. (DoC LVD)	DE_PS2410_160412_001ISS01		

General information

Access opening: height	63 mm	Access opening: width	93 mm
Areas of use	Process industry, Transportation, Marine engineering, Packaging industry, Harbour facilities, Machine construction	Enclosure attachment	Holes 4 mm
Flange plate	No	Impact resistance	10 J version standard
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
Max. payload	0.7 kg	Note: protection class	IP68 (t=72h, h=1m)
Number of lid screws	4	Operating temperature, max.	80 °C
Operating temperature, min.	-40 °C	Protection class (UL)	Type 4, Type 4X
Protection degree	IP66, IP67, IP68	Seal material	Chloroprene
Standards	EN 45545-2:2013	Surface finish	untreated
Torque for lid screws	2.5 Nm		

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Technical data

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	EC000261	ETIM 7.0	EC000261
ETIM 8.0	EC000261	ECLASS 9.0	27-18-01-01
ECLASS 9.1	27-18-92-90	ECLASS 10.0	27-18-01-01
ECLASS 11.0	27-18-01-01	ECLASS 12.0	27-18-01-01

Environmental Product Compliance

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

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E197061

Downloads

Approval/Certificate/Document of Conformity	C-DE.A1454.B.00251.19 Ind. Terminal Box RUC-DE.BE02.B.00173 TAE00002SM 19.00108.272 EU Declaration of Conformity - Klippon K Empty Enclosures - DoC DE PS2410 160412 001ISS02 DoM Klippon K salt water resistance DoM Klippon K EN 45545-2 2013 Railway
Engineering Data	CAD data – STEP
Engineering Data	WSCAD, EPLAN
Tender specification	Klippon K2_0342100000_DE Klippon K2_0342100000_EN
User Documentation	Assembly guidelines - empty enclosures
Catalogues	Catalogues in PDF-format
Brochures	MB KLIPPON ENCL.TECN.EN FL RAILWAY 2014 EN FL RAILWAY 2014 EN

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Drawings

Dimensioned drawing

