

KLIPPON K5 RAL7001

Weidmüller Interfaces GmbH & Co. KG

Postfach 3030

32760 Detmold

Tel. +49 5231 14-0

Fax. +49 5231 14-2083

info@weidmueller.com

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: 130 mm, Width: 170 mm, Depth: 90 mm, Material: Aluminium AlSi12, Powder-coated, textured, Silver grey
Order No.	9529210000
Type	KLIPPON K5 RAL7001
GTIN (EAN)	4008190918101
Qty.	1 pc(s).
Unassembled to fit rail	1910080000

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Technical data

Dimensions and weights

Depth	90 mm	Depth (inches)	3.543 inch
Height	130 mm	Height (inches)	5.118 inch
Width	170 mm	Width (inches)	6.693 inch
Mounting dimension - height	110 mm	Mounting dimension - width	150 mm
Net weight	1,405 g		

Temperatures

Operating temperature	-40 °C...80 °C	Operating temperature, min.	-40 °C
Operating temperature, max.	80 °C		

Cable glands, left

M12	4	M16	2
M20	1	M25	1
M32	1		

Cable glands, right

M12	4	M16	2
M20	1	M25	1
M32	1		

Cable glands, top/bottom

M12	11	M16	8
M20	4	M25	3
M32	2		

Certificate numbers enclosure

Approval conditions	cULus, RMRS, DNV	Certificate No. (DNVGL)	TAE00002SM
Certificate No. (EAC)	C-DE.AB54.B.00251.19	Certificate No. (GERMLLOYD)	TAE00002SM
Certificate No. (MARITREG)	19.00108.272	Certificate no. (cULus)	E197061
Certificate no. Terminal Box (EAC)	C-DE.AB54.B.00251/19 Ind. Terminal Box	Certificate no., empty enclosure (EAC)	C-DE.HB07.B.00089/20
Declaration of Conformatiy No. (DoC LVD)	DE_PS2410_160412_001ISS01		

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Technical data

General information

Access opening: height	120.8 mm	Access opening: width	160.8 mm
Areas of use	Process industry, Transportation, Marine engineering, Packaging industry, Harbour facilities, Machine construction	Enclosure attachment	
Flange plate	No	Impact resistance	Holes 6 mm 10 J version standard
Integral fixing	Threaded holes M5	Lid	Yes
Lid attachment	M5 torx stainless steel screws with slot	Material	Aluminium AlSi12
Material thickness of cover	3 mm	Material thickness of enclosure	4.6 mm
Max. payload	2.21 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	Powder-coated, textured
Torque for lid screws	2.5 Nm		

horizontal assembly

WDU 10 / ZDU 10	1x10	WDU 16 / ZDU 16	1x8
WDU 2,5 / ZDU 2,5 / IDU 2,5	1x20	WDU 4 / ZDU 4	1x17
WDU 6 / ZDU 6	1x12		

vertical assembly

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

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Approval/Certificate/Document of Conformity	C-DE.A154.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	
Tender specification	Klippon K5 RAL7001_9529210000_DE Klippon K5 RAL7001_9529210000_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

