

KLIPPON K52 RAL7001

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



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 to ATEX, IECEx, cULus, 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: 160 mm, Width: 160 mm, Depth: 91 mm, Basic material: Aluminium AlSi12, Powder-coated, textured, Silver grey
Order No.	9529230000
Type	KLIPPON K52 RAL7001
GTIN (EAN)	4008190918125
Qty.	1 items

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Technical data

Approvals

Approvals



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

Dimensions and weights

Depth	91 mm	Depth (inches)	3.5827 inch
Height	160 mm	Height (inches)	6.2992 inch
Width	160 mm	Width (inches)	6.2992 inch
Mounting dimension - height	110 mm	Mounting dimension - width	140 mm
Net weight	1613 g		

Temperatures

Operating temperature	-40 °C...80 °C
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Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Cable glands, left

M12	8	M16	5
M32	1	M25	2
M20	3		

Cable glands, right

M25	2	M16	5
M32	1	M20	3
M12	8		

Cable glands, top/bottom

M20	5	M12	14
M40	1	M32	2
M25	3	M16	8

Certificate numbers enclosure

Declaration of Conformatiy No. (DoC LVD)	DE PS24 10 1604 12 001ISS03	Certificate No. (DNV)	TAE00002SM
Approval conditions	cULus, RMRS, DNV	Certificate no. (cULus)	E197061

General information

Material thickness of cover	4 mm	Material thickness of enclosure	4.5 mm
Operating temperature, max.	80 °C	Operating temperature, min.	-40 °C

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Lid attachment	M6 torx stainless steel screws with slot	Standards	EN 45545-2:2013
Surface finish	Powder-coated, textured	Impact resistance	10 J version standard
Protection degree	IP66, IP67, IP68	Basic material	Aluminium AlSi12
Seal material	Chloroprene	Torque for lid screws	2.5 Nm
Integral fixing	Threaded holes M5	Enclosure attachment	Holes 6 mm
Note: protection class	IP68 (t=72h, h=1m)	Protection class (UL)	Type 4, Type 4X
Number of lid screws	4	Access opening: width	151 mm
Unassembled to fit rail	TS35/140 KLIPPON K52 POK51	Flange plate	No
Max. payload	2.56 kg	Lid	Yes
Access opening: height	151 mm	Areas of use	Process industry, Transportation, Marine engineering, Packaging industry, Harbour facilities, Machine construction

horizontal assembly

WDU 10 / ZDU 10	1x8	WDU 16 / ZDU 16	1x6
WDU 2,5 / ZDU 2,5 / IDU 2,5	1x16	WDU 4 / ZDU 4	1x13
WDU 6 / ZDU 6	1x10		

vertical assembly

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

ETIM 8.0	EC000261	ETIM 9.0	EC000261
ETIM 10.0	EC000261	ECLASS 14.0	27-18-01-01
ECLASS 15.0	27-18-01-01		

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Drawings

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Dimensioned drawing

