

KLIPPON K71 EX RAL7001

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 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: 230 mm, Width: 280 mm, Depth: 111 mm, Basic material: Aluminium AlSi12, Powder-coated, textured, Silver grey
Order No.	1329770000
Type	KLIPPON K71 EX RAL7001
GTIN (EAN)	4050118133882
Qty.	1 items

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Technical data

Approvals

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ROHS Conform

Dimensions and weights

Depth	111 mm	Depth (inches)	4.3701 inch
Height	230 mm	Height (inches)	9.0551 inch
Width	280 mm	Width (inches)	11.0236 inch
Mounting dimension - height	180 mm	Mounting dimension - width	260 mm
Net weight	3292 g		

Temperatures

Operating temperature -60 °C...135 °C

Environmental Product Compliance

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

Cable glands, left

M12	28	M50	2
M16	18	M32	3
M25	8	M20	10
M40	2		

Cable glands, right

M25	8	M16	18
M40	2	M50	2
M32	3	M20	10
M12	28		

Cable glands, top/bottom

M20	21	M12	42
M40	4	M32	10
M25	12	M50	3
M16	30		

Certificate numbers enclosure

Declaration of Conformity No. (DoC LVD)	DE PS24 10 1604 12 001ISS03	Attestation of Conformity No. (AoC)	DE PS24 10 160308 001ISS03
Certificate no. empty enclosure (INMETRO)	LMP 23.0526U	Certificate no. Terminal Box (ATEX)	IBExU12ATEX1145 X
Certificate no. empty enclosure (ATEX)	IBExU12ATEX1144 U	Certificate no. Terminal Box (INMETRO)	LMP 23.0527X
Certificate no. Terminal Box (IECEX)	IECEX IBE 13.0002X	Certificate no. empty enclosure (IECEX)	IECEX IBE 13.0001U

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Certificate No. (IECEX)	IECEXIBE13.0002X	Certificate No. (ATEX)	IBEXU12ATEX1144U
Approval conditions	DNV, GL, RMRS, ATEX, IECEX, UL AEx Class Div., CCC, INMETRO		

General information

Material thickness of cover	3 mm	Material thickness of enclosure	4.5 mm
Operating temperature, max.	135 °C	Operating temperature, min.	-60 °C
Lid attachment	M6 torx stainless steel screws with slot	Installation advice	Lid screws included
Standards	IEC 60079-0, IEC 60079-7, IEC 60079-31, EN 45545-2:2013	Surface finish	Powder-coated, textured
Impact resistance	7 J ATEX version	Protection degree	IP66, IP67
Basic material	Aluminium AlSi12	Seal material	Silicone
Torque for lid screws	2.5 Nm	Integral fixing	Threaded holes M5
Enclosure attachment	Holes 6 mm	Number of lid screws	4
Access opening: width	271 mm	Flange plate	No
Lid	Yes	Access opening: height	221 mm
Areas of use	Explosive risk zone, Process industry, Transportation, Packaging industry, Marine engineering, Machine construction, Harbour facilities		

horizontal assembly

WDU 10 / ZDU 10	2x21	WDU 16 / ZDU 16	2x17
WDU 2,5 / ZDU 2,5 / IDU 2,5	2x43	WDU 35 / ZDU 35	2x13
WDU 4 / ZDU 4	2x36	WDU 6 / ZDU 6	2x26

vertical assembly

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

ETIM 8.0	EC002503	ETIM 9.0	EC002503
ETIM 10.0	EC002503	ECLASS 14.0	27-18-05-02
ECLASS 15.0	27-18-05-02		

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Drawings

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Dimensioned drawing

