Data sheet

KLIPPON K71 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 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.	9529270000
Type	KLIPPON K71 RAL7001
GTIN (EAN)	4008190919054
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	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	3268 g		

Temperatures

Operating temperature	-40 °C...80 °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 Conformatiy No. (DoC LVD)	DE PS2410 160412 001ISS03	Certificate No. (DNV)	TAE00002SM
Approval conditions	cULus, RMRS, DNV	Certificate no. (cULus)	E197061

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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
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	271 mm
Flange plate	No	Max. payload	6.44 kg
Lid	Yes	Access opening: height	221 mm
Areas of use	Process industry, Transportation, Marine engineering, Packaging industry, Harbour facilities, Machine construction		

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	*

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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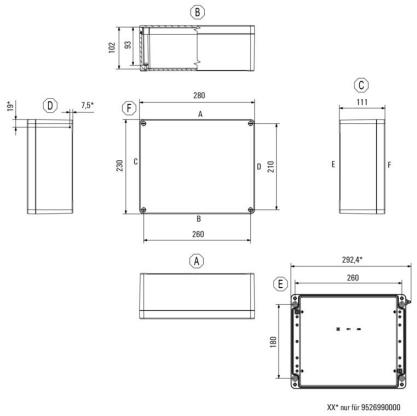
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Drawings

Dimensioned drawing



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