

KLIPPON K41 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 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: 120 mm, Width: 122 mm, Depth: 81 mm, Material: Aluminium AlSi12, Powder-coated, Silver grey
Order No.	1329710000
Type	KLIPPON K41 EX RAL7001
GTIN (EAN)	4050118133776
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Depth	81 mm	Depth (inches)	3.189 inch
Height	120 mm	Height (inches)	4.724 inch
Mounting dimension - height	82 mm	Mounting dimension - width	106 mm
Net weight	955 g	Width	122 mm
Width (inches)	4.803 inch		

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

Cable glands, left

M12	4	M16	4
M20	2	M25	1
M32	1		

Cable glands, right

M12	4	M16	4
M20	2	M25	1
M32	1		

Cable glands, top/bottom

M12	6	M16	6
M20	3	M25	2
M32	1		

Certificate numbers enclosure

Approval conditions	DNV, GL, RMRS, ATEX, EAC, IECEX, UL AEx Class Div., CCC	Attestation of Conformatiy No. (AoC)	DE PS2410 160308 001ISS01
Certificate No. (ATEX)	IBEXU12ATEX1145X	Certificate No. (EAC)	RUC-DE.BE02.B.00173
Certificate No. (IECEX)	IECEXIBE13.0002X	Certificate No. (MARITREG)	19.00108.272
Certificate no. Terminal Box (ATEX)	IBEXU12ATEX1145 X	Certificate no. Terminal Box (EAC)	C-DE.HB07.B.00089/20 Ex Terminal Box
Certificate no. Terminal Box (IECEX)	IECEX IBE 13.0002X	Certificate no. empty enclosure (ATEX)	IBEXU12ATEX1144 U
Certificate no. empty enclosure (IECEX)	IECEX IBE 13.0001U	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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General information

Areas of use	Explosive risk zone, Process industry, Transportation, Packaging industry, Marine engineering, Machine construction, Harbour facilities	Enclosure attachment	
Flange plate	No	Halogen	Holes 6 mm Yes
Impact resistance	7.00 J	Integral fixing	Threaded holes M5
Lid	Yes	Lid attachment	M6 torx stainless steel screws with slot
Material	Aluminium AlSi12	Material thickness	4.5 mm
Material thickness of cover	4 mm	Material thickness of enclosure	4.5 mm
Operating temperature, max.	135 °C	Operating temperature, min.	-60 °C
Protection degree	IP66, IP67	Seal material	Silicone
Standards	IEC 60079-0, IEC 60079-7, IEC 60079-31	Surface finish	Powder-coated
Torque for lid screws	2.5 Nm		

horizontal assembly

WDU 10 / ZDU 10	1x6	WDU 2,5 / ZDU 2,5 / IDU 2,5	1x13
WDU 4 / ZDU 4	1x11	WDU 6 / ZDU 6	1x8

vertical assembly

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

ETIM 6.0	EC002503	ETIM 7.0	EC002503
ECLASS 9.0	27-18-05-02	ECLASS 9.1	27-18-05-90
ECLASS 10.0	27-18-05-02	ECLASS 11.0	27-18-05-02

Approvals

Approvals



ROHS

Conform

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www.weidmueller.com**Technical data****Downloads**

Approval/Certificate/Document of Conformity	C-DE.HB07.B.00089-Empty Enclosures and Ex. Terminal Box CCC 2020322303000040 Klippon K Assembly Enclosure RUC-DE.BE02.B.00173 IBEXU12ATEX1145X IECEXIBE13.0001U IECEXIBE13.0002X TAE00002SM 19.00108.272 IBEXU12ATEX1144U DoM Klippon K salt water resistance DoM Klippon K EN 45545-2 2013 Railway
Brochure/Catalogue	CAT 5 ENCL 17/18 EN
Engineering Data	STEP
Tender specification	Klippon K41 Ex RAL7001_1329710000_DE Klippon K41 Ex RAL7001_1329710000_EN

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Drawings

Dimensioned drawing

