

KLIPPON K4 VMQ 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: 82 mm, Width: 130 mm, Depth: 72 mm, Material: Aluminium AlSi12, Powder-coated, textured, Silver grey
Order No.	1937890000
Type	KLIPPON K4 VMQ RAL7001
GTIN (EAN)	4032248610112
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	72 mm	Depth (inches)	2.835 inch
Height	82 mm	Height (inches)	3.228 inch
Mounting dimension - height	68 mm	Mounting dimension - width	116 mm
Net weight	669 g	Width	130 mm
Width (inches)	5.118 inch		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Cable glands, left

M12	2	M16	2
M20	1	M25	1
M32	1		

Cable glands, right

M12	2	M16	2
M20	1	M25	1
M32	1		

Cable glands, top/bottom

M12	5	M16	3
M20	2	M25	2

Certificate numbers enclosure

Approval conditions	cULus, RMRS, DNV	Certificate No. (DNVGL)	TAE00002SM
Certificate No. (EAC)	RUC-DE.BE02.B.00173	Certificate No. (GERMLLOYD)	TAE00002SM
Certificate No. (MARITREG)	19.00108.272	Certificate no. (cULus)	E197061
Certificate no. Terminal Box (EAC)	C-DE.AD54.B.00251/19 Ind. Terminal Box	Certificate no., empty enclosure (EAC)	C-DE.HB07.B.00089/20
Declaration of Conformity No. (DoC LVD)	DE_PS2410_160412_001ISS01		

General information

Access opening: height	74 mm	Access opening: width	122 mm
Areas of use	Process industry, Transportation, Marine engineering, Packaging industry, Harbour facilities, Machine construction	Enclosure attachment	
Flange plate	No		Holes 5 mm
Integral fixing	Threaded holes M5	Impact resistance	10.00 J
Lid attachment	M4 torx stainless steel screws with slot	Lid	Yes
Material thickness	4 mm	Material	Aluminium AlSi12
Material thickness of enclosure	4 mm	Material thickness of cover	2.5 mm
Operating temperature, max.	135 °C	Note: protection class	IP68 (t=72h, h=1m)
Protection degree	IP66, IP67, IP68	Operating temperature, min.	-60 °C
Standards	EN 45545-2:2013	Seal material	Silicone
Torque for lid screws	2.5 Nm	Surface finish	Powder-coated, textured

Creation date March 26, 2021 10:22:25 AM CET

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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Technical data

horizontal assembly

WDU 2,5 / ZDU 2,5 / IDU 2,5

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WDU 4 / ZDU 4

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vertical assembly

WDU 10 / ZDU 10

1x2

WDU 2,5 / ZDU 2,5 / IDU 2,5

1x5

WDU 4 / ZDU 4

1x4

WDU 6 / ZDU 6

1x3

Classifications

ETIM 6.0

EC000261

ETIM 7.0

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

Approvals

Approvals



ROHS

Conform

UL File Number Search

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 001ISS01](#)
[DoM Klippon K salt water resistance](#)
[DoM Klippon K EN 45545-2 2013 Railway](#)

Engineering Data

[STEP](#)

Engineering Data

[EPLAN](#)

Tender specification

[Klippon K4 VMQ RAL7001_1937890000_DE](#)
[Klippon K4 VMQ RAL7001_1937890000_EN](#)

User Documentation

[Assembly guidelines - empty enclosures](#)

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Drawings

Dimensioned drawing

