

KLIPPON K4

Weidmüller Interfaces GmbH & Co. KG

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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 AISi12, untreated, silver
Order No.	0342300000
Type	KLIPPON K4
GTIN (EAN)	4008190054991
Qty.	1 pc(s).
Unassembled to fit rail	1910060000

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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
Width	130 mm	Width (inches)	5.118 inch
Mounting dimension - height	68 mm	Mounting dimension - width	116 mm
Net weight	633 g		

Temperatures

Operating temperature -40 °C...80 °C

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

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)	C-DE.HB07.B.00089-20	Certificate No. (GERMLLOYD)	TAE00002SM
Certificate No. (MARITREG)	19.00108.272	Certificate no. (cULus)	E197061
Certificate no. Terminal Box (EAC)	C-DE.AД54.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		

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Enclosure attachment

Holes 5 mm

Impact resistance 10 J version standard

Lid Yes

Material Aluminium AlSi12

Material thickness of enclosure 4 mm

Number of lid screws 4

Operating temperature, min. -40 °C

Protection degree IP66, IP67, IP68

Standards EN 45545-2:2013

Torque for lid screws 2.5 Nm

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	Impact resistance	10 J version standard
Integral fixing	Threaded holes M5	Lid	Yes
Lid attachment	M4 torx stainless steel screws with slot	Material	Aluminium AlSi12
Material thickness of cover	2.5 mm	Material thickness of enclosure	4 mm
Note: protection class	IP68 (t=72h, h=1m)	Number of lid screws	4
Operating temperature, max.	80 °C	Operating temperature, min.	-40 °C
Protection class (UL)	Type 4, Type 4x	Protection degree	IP66, IP67, IP68
Seal material	Chloroprene	Standards	EN 45545-2:2013
Surface finish	untreated	Torque for lid screws	2.5 Nm

horizontal assembly

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

*

WDU 4 / ZDU 4

*

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
ETIM 8.0	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	ECLASS 12.0	27-18-01-01

Approvals

Approvals



ROHS Conform

UL File Number Search E197061

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Technical data

Downloads

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 001ISS02 DoM Klippon K salt water resistance DoM Klippon K EN 45545-2 2013 Railway
Engineering Data	CAD data – STEP
Engineering Data	EPLAN, WSCAD
Tender specification	Klippon K4_0342300000_DE Klippon K4_0342300000_EN
User Documentation	Assembly guidelines - empty enclosures
Catalogues	Catalogues in PDF-format
Brochures	MB KLIPPON ENCL.TECN EN FL RAILWAY 2014 EN FL RAILWAY 2014 EN

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Drawings**Dimensioned drawing**