

KLIPPON K6 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: 160 mm, Width: 200 mm, Depth: 100 mm, Material: Aluminium AlSi12, Powder-coated, Silver grey
Order No.	1329740000
Type	KLIPPON K6 EX RAL7001
GTIN (EAN)	4050118133493
Qty.	1 Stück

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Technische Daten

Dimensions and weights

Depth	100 mm	Depth (inches)	3.937 inch
Height	160 mm	Height (inches)	6.299 inch
Width	200 mm	Width (inches)	7.874 inch
Mounting dimension - height	140 mm	Mounting dimension - width	180 mm
Net weight	2,080 g		

Temperatures

Operating temperature	-60 °C...135 °C	Operating temperature, min.	-60 °C
Operating temperature, max.	135 °C		

Cable glands, left

M12	6	M16	6
M20	3	M25	2
M32	2	M40	1

Cable glands, right

M12	6	M16	6
M20	3	M25	2
M32	2	M40	1

Cable glands, top/bottom

M12	17	M16	12
M20	7	M25	4
M32	3	M40	2

Certificate numbers enclosure

Approval conditions	DNV, GL, RMRS, ATEX, EAC, IECEX, UL AEx Class Div., CCC	Attestation of Conformity No. (AoC)	DE PS2410 160308 001ISS01
Certificate No. (ATEX)	IBEXU12ATEX1144U	Certificate No. (EAC)	C-DE.HB07.B.00089-20
Certificate No. (IECEX)	IECEXIBE13.0001U	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 Conformity No. (DoC LVD)	DE_PS2410_160412_001ISS01		

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General information

Access opening: height	150.8 mm	Access opening: width	190.8 mm
Areas of use	Explosive risk zone, Process industry, Transportation, Packaging industry, Marine engineering, Machine construction, Harbour facilities	Enclosure attachment	Holes 6 mm
Flange plate	No	Impact resistance	7 J ATEX version
Integral fixing	Threaded holes M5	Lid	Yes
Lid attachment	M5 torx stainless steel screws with slot	Material	Aluminium AlSi12
Material thickness of cover	3 mm	Material thickness of enclosure	4.6 mm
Number of lid screws	4	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, EN 45545-2:2013
Surface finish	Powder-coated	Torque for lid screws	2.5 Nm

horizontal assembly

WDU 10 / ZDU 10	1x12	WDU 16 / ZDU 16	1x10
WDU 2,5 / ZDU 2,5 / IDU 2,5	1x25	WDU 4 / ZDU 4	1x21
WDU 6 / ZDU 6	1x16		

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
ETIM 8.0	EC002503	ECLASS 9.0	27-18-05-02
ECLASS 9.1	27-18-05-02	ECLASS 10.0	27-18-05-02
ECLASS 11.0	27-18-05-02	ECLASS 12.0	27-18-05-02

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	9e4cab4e-239c-4e14-b9df-a0fee300d28a

Approvals

Approvals



ROHS	Conform
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Downloads

Approval/Certificate/Document of Conformity	C-DE.HB07.B.00089-Empty Enclosures and Ex. Terminal Box CCC 2020322303000040 Klippon K Assembly Enclosure UKCA TÜV 22 UKEX 7094 U UKCA TÜV 22 UKEX 7095 X 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
Engineering Data	CAD data – STEP
Product Change Notification	Technical change to Klippon K® enclosure series Technische Änderung für Klippon® K Gehäuse
Tender specification	Klippon K6 Ex RAL7001_1329740000_DE Klippon K6 Ex RAL7001_1329740000_EN
Catalogues	Catalogues in PDF-format
Brochures	

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Zeichnungen

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Dimensioned drawing

