KLIPPON K1

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

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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: 70 mm, Width: 70 mm, Depth: 45 mm, Material: Aluminium AlSi12, untreated, silver
Order No.	0342000000
Type	KLIPPON K1
GTIN (EAN)	4008190055448
Qty.	10 pc(s).

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Technical data

Dimensions and weights

Depth	45 mm	Depth (inches)	1.772 inch
Height	70 mm	Height (inches)	2.756 inch
Mounting dimension - height	42 mm	Mounting dimension - width	58 mm
Net weight	247.5 g	Weight	220 g
Width	70 mm	Width (inches)	2.756 inch

Temperatures

Operating temperature	-40 °C...80 °C

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1

Cable glands, left

M12	1	M16	1

Cable glands, right

M12	1	M16	1

Cable glands, top/bottom

M12	2	M16	2
M20	1		

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.АД54.B.00251/19 Ind. Terminal Box	Certificate no., empty enclosure (EAC)	C-DE.HB07.B.00089/20
Declaration of Conformatiy No. (DoC LVD)	DE_PS2410_160412_001ISS01		

General information

Access opening: height	63 mm	Access opening: width	63 mm
Areas of use	Process industry, Transportation, Marine engineering, Packaging industry, Harbour facilities, Machine construction	Enclosure attachment	Holes 4 mm
Flange plate	No	Impact resistance	10.00 J
Integral fixing	Threaded holes M4	Lid	Yes
Lid attachment	M4 torx stainless steel screws with slot	Material	Aluminium AlSi12
Material thickness	3.5 mm	Material thickness of cover	3 mm
Material thickness of enclosure	3.5 mm	Note: protection class	IP68 (t=72h, h=1m)
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

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Technical data

horizontal assembly

WDU 2,5 / ZDU 2,5 / IDU 2,5	1x5	WDU 4 / ZDU 4	1x1*

vertical assembly

WDU 2,5 / ZDU 2,5 / IDU 2,5	1x1*	WDU 4 / ZDU 4	1x1*

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

Downloads

Approval/Certificate/Document of Conformity	C-DE.АД54.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 EN 45545-2 2013 Railway
Engineering Data	STEP
Engineering Data	EPLAN, WSCAD
Tender specification	Klippon K1_0342000000_DE Klippon K1_0342000000_EN
User Documentation	Assembly guidelines - empty enclosures
Brochure/Catalogue	Catalogues in PDF-format

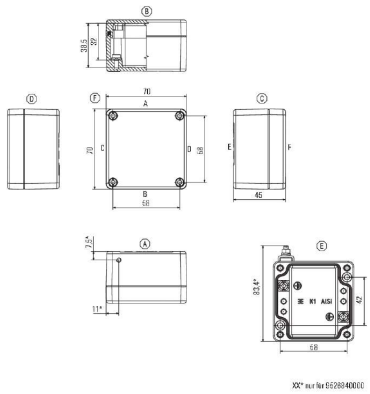
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Drawings

Dimensioned drawing



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Accessories

Klippon® K - Mounting plates



The system accessories for the Klippon® K enclosure series allows you to easily adapt the enclosures to meet the specific requirements of every application.
- DIN Rails TS 35 and TS15
- Mounting plates
- Hinges
- Wall-mounted holder

General ordering data

Type	MOPL K1 N FE	Version
Order No.	1905280000	Klippon K (aluminium empty enclosure), Mounting plate, Mounting
GTIN (EAN)	4032248524426	plate, Height: 52 mm, Width: 61 mm, Depth: 3 mm, Material: Sheet
Qty.	1 pc(s).	steel, galvanized, galvanized, silver

TS 15



The system accessories for the Klippon® K enclosure series allows you to easily adapt the enclosures to meet the specific requirements of every application.
- DIN Rails TS 35 and TS15
- Mounting plates
- Hinges
- Wall-mounted holder

General ordering data

Type	TS15X5 ST K1	Version
Order No.	8000003883	Rail, TS 15, Width: 60 mm, without slot, Steel, galvanized, chromium-
GTIN (EAN)	4050118653328	plated
Qty.	20 pc(s).	