

KLIPPON K5 VMO

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com



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 to ATEX, IECEx, cULus, 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: 130 mm, Width: 170 mm, Depth: 90 mm, Basic material: Aluminium AlSi12, untreated, silver
Order No.	1939650000
Type	KLIPPON K5 VMO
GTIN (EAN)	4032248615995
Qty.	1 items

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Technical data

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E197061

Dimensions and weights

Depth	90 mm	Depth (inches)	3.5433 inch
Height	130 mm	Height (inches)	5.1181 inch
Width	170 mm	Width (inches)	6.6929 inch
Mounting dimension - height	110 mm	Mounting dimension - width	150 mm
Net weight	1389 g		

Temperatures

Operating temperature	-50 °C...135 °C
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Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Cable glands, left

M12	4	M16	2
M32	1	M25	1
M20	1		

Cable glands, right

M25	1	M16	2
M32	1	M20	1
M12	4		

Cable glands, top/bottom

M20	4	M12	11
M32	2	M25	3
M16	8		

Certificate numbers enclosure

Declaration of Conformatiy No. (DoC LVD)	DE PS24 10 1604 12 001ISS03	Certificate No. (DNV)	TAE00002SM
Approval conditions	cULus, RMRS, DNV	Certificate no. (cULus)	E197061

General information

Material thickness of cover	3 mm	Material thickness of enclosure	4.6 mm
Operating temperature, max.	135 °C	Operating temperature, min.	-50 °C

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Lid attachment	M5 torx stainless steel screws with slot	Standards	EN 45545-2:2013
Surface finish	untreated	Impact resistance	10 J version standard
Protection degree	IP66, IP67, IP68	Basic material	Aluminium AlSi12
Seal material	Silicone	Torque for lid screws	2.5 Nm
Integral fixing	Threaded holes M5	Enclosure attachment	Holes 6 mm
Note: protection class	IP68 (t=72h, h=1m)	Protection class (UL)	Type 4, Type 4X
Number of lid screws	4	Access opening: width	160.8 mm
Unassembled to fit rail	TS35/148 KLIPPON K5 CSS	Flange plate	No
Max. payload	2.21 kg	Lid	Yes
Access opening: height	120.8 mm	Areas of use	Process industry, Transportation, Marine engineering, Packaging industry, Harbour facilities, Machine construction

horizontal assembly

WDU 10 / ZDU 10	1x10	WDU 16 / ZDU 16	1x8
WDU 2,5 / ZDU 2,5 / IDU 2,5	1x20	WDU 4 / ZDU 4	1x17
WDU 6 / ZDU 6	1x12		

Classifications

ETIM 8.0	EC000261	ETIM 9.0	EC000261
ETIM 10.0	EC000261	ECLASS 14.0	27-18-01-01
ECLASS 15.0	27-18-01-01		

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Drawings

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Dimensioned drawing



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Accessories

Klippon® K - Hinge



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 TS 15
- Mounting plates
- Hinges
- Wall-mounted holder

Weidmüller can manufacture and supply this enclosure - according to customer specifications - fitted with all necessary terminals and cable glands.

General ordering data

Type	HG K+POK	Version	
Order No.	1580360000	Klippon POK (polyester empty enclosure), External joint, Hinge, Basic	
GTIN (EAN)	4008190203542	material: Aluminium AISi12, silver	
Qty.	1 ST		

Klippon® K - Mounting plates



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- DIN Rails TS 35 and TS 15
- Mounting plates
- Hinges
- Wall-mounted holder

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General ordering data

Type	MOPL K5 STAHL	Version	
Order No.	3073080000	Klippon K (aluminium empty enclosure), Mounting plate, Mounting	
GTIN (EAN)	4008190858018	plate, Height: 110 mm, Width: 150 mm, Depth: 2 mm, Basic material:	
Qty.	1 ST	Sheet steel, galvanized, galvanized, silver	

Spacer



Stainless steel spacers in three lengths to increase the distance between the mounting rails or DIN rails and the rear wall of the enclosure.

General ordering data

Type	SP M6 15 MSZN	Version	
Order No.	3896100000	Klippon EB (Essential Box), Spacer, Height: 11.2 mm, Width: 10 mm,	
GTIN (EAN)	4008190857851	Depth: 15 mm, Basic material: Steel, silver	
Qty.	2 ST		

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Accessories

Type	SP M6 20 MSZN	Version
Order No.	3896200000	Klippon EB (Essential Box), Spacer, Height: 11.2 mm, Width: 10 mm,
GTIN (EAN)	4008190850234	Depth: 20 mm, Basic material: Steel, silver
Qty.	2 ST	
Type	SP M6 30 MSZN	Version
Order No.	3896300000	Klippon EB (Essential Box), Spacer, Height: 11.2 mm, Width: 10 mm,
GTIN (EAN)	4008190850241	Depth: 30 mm, Basic material: Steel, silver
Qty.	2 ST	

Depth 7.5 mm



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- DIN Rails TS 35 and TS 15
- Mounting plates
- Hinges
- Wall-mounted holder

Weidmüller can manufacture and supply this enclosure - according to customer specifications - fitted with all necessary terminals and cable glands.

General ordering data

Type	TS35/148 KLIPPON K5 CSS	Version
Order No.	1910080000	Rail, TS 35, TS 35 x 7.5, Width: 148 mm, without slot, Steel,
GTIN (EAN)	4032248536993	galvanized, chromium-plated
Qty.	1 ST	

Klippon® K - Wall-mounted holder



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 TS 15
- Mounting plates
- Hinges
- Wall-mounted holder

Weidmüller can manufacture and supply this enclosure - according to customer specifications - fitted with all necessary terminals and cable glands.

General ordering data

Type	KLIPPON K MF KIT 16	Version
Order No.	9529080000	Klippon K (aluminium empty enclosure), Mounting foot, Fixing lugs,
GTIN (EAN)	4008190916299	Height: 70 mm, Width: 33.5 mm, Depth: 12 mm, Basic material:
Qty.	1 ST	Stainless steel 1.4301, silver

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Accessories

Mounting support



We offer a broad portfolio of mounting support for easy handling and supplementation of our products. From various tools to insulating sleeves and various screws, our components are matched to each other down to the last detail and thus facilitate assembly in compliance with the respective standards and protective regulations.

General ordering data

Type	FKSC M5X8 D9/SW2.5	Version	
Order No.	0295900000	SAK Series, Allen hex screw, Screws, Number of poles: 1	
GTIN (EAN)	4008190133337		
Qty.	50 ST		

Depth 7.5 mm



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- DIN Rails TS 35 and TS 15
- Mounting plates
- Hinges
- Wall-mounted holder

Weidmüller can manufacture and supply this enclosure - according to customer specifications - fitted with all necessary terminals and cable glands.

General ordering data

Type	TS35X7.5 ST K5	Version	
Order No.	800003902	Rail, TS 35, TS 35 x 7.5, Width: 148 mm, without slot, Steel, galvanic zinc plated and passivated	
GTIN (EAN)	4050118652635		
Qty.	20 ST		

Depth 15 mm



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- DIN Rails TS 35 and TS 15
- Mounting plates
- Hinges
- Wall-mounted holder

Weidmüller can manufacture and supply this enclosure - according to customer specifications - fitted with all necessary terminals and cable glands.

General ordering data

Type	TS35X15 ST K5	Version	
Order No.	8000073093	Rail, TS 35, TS 35 x 15, Width: 148 mm, with slot, Steel, galvanic zinc plated and passivated	
GTIN (EAN)	4064675337034		
Qty.	20 ST		