KLIPPON K52 VMQ RAL7001

Weidmüller

EN 45545

RoHS COMPLIANT

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, 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: 160 mm, Width: 160 mm, Depth: 91 mm, Basic material: Aluminium AlSi12, Powder-coated, textured, Silver grey
Order No.	1937740000
Type	KLIPPON K52 VMQ RAL7001
GTIN (EAN)	4032248609284
Qty.	1 items

KLIPPON K52 VMQ RAL7001

Technical data

Approvals

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

Dimensions and weights

Depth	91 mm	Depth (inches)	3.5827 inch
Height	160 mm	Height (inches)	6.2992 inch
Width	160 mm	Width (inches)	6.2992 inch
Mounting dimension - height	110 mm	Mounting dimension - width	140 mm
Net weight	1388.64 g		

Temperatures

Operating temperature	-60 °C...135 °C

Environmental Product Compliance

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

Cable glands, left

M12	8	M16	5
M32	1	M25	2
M20	3		

Cable glands, right

M25	2	M16	5
M32	1	M20	3
M12	8		

Cable glands, top/bottom

M20	5	M12	14
M40	1	M32	2
M25	3	M16	8

Certificate numbers enclosure

Declaration of Conformatiy No. (DoC LVD)	DE PS2410 160412 001ISS03	Certificate No. (DNV)	TAE00002SM
Approval conditions	cULus, RMRS, DNV	Certificate no. (cULus)	E197061

General information

Material thickness of cover	4 mm	Material thickness of enclosure	4.5 mm
Operating temperature, max.	135 °C	Operating temperature, min.	-60 °C

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Technical data

Lid attachment	M6 torx stainless steel screws with slot	Standards	EN 45545-2:2013
Surface finish	Powder-coated, textured	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	151 mm
Unassembled to fit rail	TS35/140 KLIPPON K52 POK51	Flange plate	No
Max. payload	2.56 kg	Lid	Yes
Access opening: height	151 mm	Areas of use	Process industry, Transportation, Marine engineering, Packaging industry, Harbour facilities, Machine construction

horizontal assembly

WDU 10 / ZDU 10	1x8	WDU 16 / ZDU 16	1x6
WDU 2,5 / ZDU 2,5 / IDU 2,5	1x16	WDU 4 / ZDU 4	1x13
WDU 6 / ZDU 6	1x10		

vertical assembly

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

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		

KLIPPON K52 VMQ RAL7001

Drawings

Dimensioned drawing

XX* nur für 9526950000
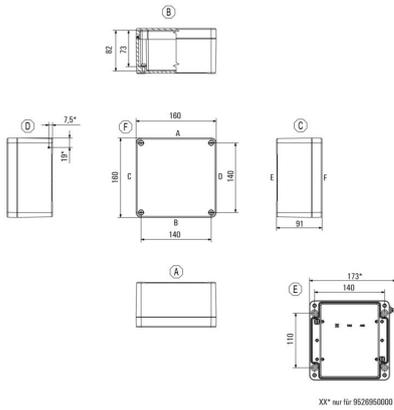
KLIPPON K52 VMQ RAL7001

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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 TS15
- 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 AlSi12, silver
Qty.	1 ST	

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

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

General ordering data

Type	MOPL K52 STAHL	Version
Order No.	3073100000	Klippon K (aluminium empty enclosure), Mounting plate, Mounting
GTIN (EAN)	4008190858032	plate, Height: 146 mm, Width: 145 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 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

The Klippon® POK enclosure range is made from a high-quality glass fibre reinforced polyester and is ideal for applications and environments where corrosion resistance, impact resistance and a high IP protection class are a requirement.
Key features of the extensive product range:
• Available in 17 sizes
• Two standard finishes (colours): grey (similar to RAL 7001 for industrial use) and black (similar to RAL 9011 for harsh environments, Ex)
• Cover with stainless steel screws in cross-head / slotted design
• Moulded gasket made of silicone or chloroprene
• Fixing holes outside the sealed area to ensure high ingress protection of IP66
• Impact resistance up to 7 Joules
• Mounting directly in the enclosure or using an internal mounting plate
• Direct wall mounting possible using fixing holes or mounting feet
• Fastening thread to attach mounting rails and plates
• Up to E60 fire rating dependent on the configuration
• Weidmüller can manufacture and supply this enclosure to match customer specifications - fitted with all necessary terminals and cable glands.

General ordering data

Type	TS35/140 KLIPPON K52 PO...	Version	
Order No.	1910100000	Rail, TS 35, TS 35 x 7.5, Width: 140 mm, without slot, Steel,	
GTIN (EAN)	4032248537013	galvanized, chromium-plated	
Qty.	1 ST		

Klippon® K - Wall-mounted holder
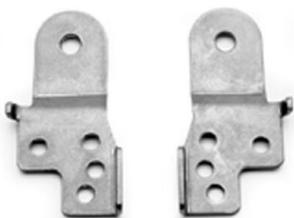
The system accessories for the Klippon® K enclosure series allows you to easily adapt the enclosures to meet the specific requirements of every application.
• DIN Rails TS 35 and TS15
• Mounting plates
• Hinges
• Wall-mounted holder
Weidmüller can manufacture and supply this enclosure - according to customer specifications - fitted with all necessary terminals and cable glands.

KLIPPON K52 VMQ RAL7001

Accessories

General ordering data

Type	KLIPPON K MF KIT 25	Version	
Order No.	9527590000		Klippon K (aluminium empty enclosure), Mounting foot, Fixing lugs,
GTIN (EAN)	4032248014071		Height: 70 mm, Width: 33.5 mm, Depth: 12 mm, Basic material:
Qty.	1 ST		Stainless steel 1.4301, silver

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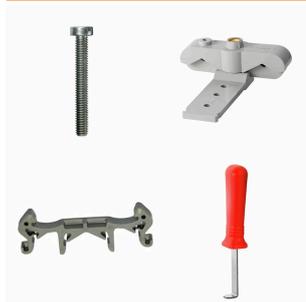
We offer a broad portfolio of mounting support for easy handling and supplementation of our products. From various tools to insulating sleeves and various screws, our components are matched to each other down to the last detail and thus facilitate assembly in compliance with the respective standards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

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
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 K52	Version	
Order No.	8000003908		Rail, TS 35, TS 35 x 7.5, Width: 140 mm, without slot, Steel, galvanic
GTIN (EAN)	4050118652659		zinc plated and passivated
Qty.	20 ST		

KLIPPON K52 VMQ RAL7001

Accessories

Depth 15 mm

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
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 K52	Version
Order No.	8000073095	Rail, TS 35, TS 35 x 15, Width: 140 mm, with slot, Steel, galvanic zinc
GTIN (EAN)	4064675337065	plated and passivated
Qty.	20 ST	