KLIPPON K61

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, 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: 260 mm, Depth: 91 mm, Material: Aluminium AlSi12, untreated, silver
Order No.	0573600000
Type	KLIPPON K61
GTIN (EAN)	4008190126919
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	91 mm	Depth (inches)	3.583 inch
Height	160 mm	Height (inches)	6.299 inch
Width	260 mm	Width (inches)	10.236 inch
Mounting dimension - height	110 mm	Mounting dimension - width	240 mm
Net weight	1,989 g		

Temperatures

Operating temperature	-40 °C...80 °C

Cable glands, left

M12	8	M16	6
M20	3	M25	2
M32	1	M40	1

Cable glands, right

M12	8	M16	6
M20	3	M25	2
M32	1	M40	1

Cable glands, top/bottom

M12	27	M16	23
M20	13	M25	8
M32	4	M40	3

Certificate numbers enclosure

Approval conditions	cULus, RMRS, DNV	Certificate No. (DNV)	TAE00002SM
Certificate no. (cULus)	E197061	Declaration of Conformatiy No. (DoC LVD)	DE_PS2410_160412_001ISS01

General information

Access opening: height	151 mm	Access opening: width	251 mm
Areas of use	Process industry, Transportation, Marine engineering, Packaging industry, Harbour facilities, Machine construction	Enclosure attachment	Holes 6 mm
Flange plate	No	Impact resistance	10 J version standard
Integral fixing	Threaded holes M5	Lid	Yes
Lid attachment	M6 torx stainless steel screws with slot	Material	Aluminium AlSi12
Material thickness of cover	4 mm	Material thickness of enclosure	4.5 mm
Max. payload	4.16 kg	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		

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Technical data

horizontal assembly

WDU 10 / ZDU 10	1x20	WDU 16 / ZDU 16	1x16
WDU 2,5 / ZDU 2,5 / IDU 2,5	1x39	WDU 4 / ZDU 4	1x33
WDU 6 / ZDU 6	1x24		

vertical assembly

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

Classifications

ETIM 6.0	EC000261	ETIM 7.0	EC000261
ETIM 8.0	EC000261	ETIM 9.0	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	ECLASS 13.0	27-18-01-01

Environmental Product Compliance

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

Approvals

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

Downloads

Approval/Certificate/Document of Conformity	TAE00002SM 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
Tender specification	Klippon K61_0573600000_DE Klippon K61_0573600000_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

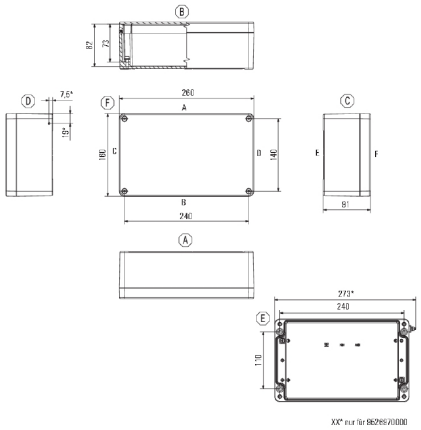
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Drawings

Dimensioned drawing



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Accessories

Screws



Depending on the terminal block or also accessories, we offer different types of screws as additional items or also spare parts.

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 pc(s).	

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	TS35X7.5 ST POK 1626	Version
Order No.	8000003909	Rail, TS 35, TS 35 x 7.5, Width: 243 mm, without slot, Steel, galvanic
GTIN (EAN)	4050118652673	zinc plated and passivated
Qty.	20 pc(s).	

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Accessories

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 20 MSZN	Version
Order No.	3896200000	Klippon EB (Essential Box), Spacer, Height: 11.2 mm, Width: 10 mm,
GTIN (EAN)	4008190850234	Depth: 20 mm, Material: Steel, silver
Qty.	2 pc(s).	
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, Material: Steel, silver
Qty.	2 pc(s).	
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, Material: Steel, silver
Qty.	2 pc(s).	

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

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, Material: Stainless
Qty.	1 pc(s).	steel 1.4301, silver

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Accessories

Klippon® K - Hinge



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- DIN Rails TS 35 and TS15
- Mounting plates
- Hinges
- Wall-mounted holder

General ordering data

Type	HG K+POK	Version
Order No.	1580360000	Klippon POK (polyester empty enclosure), External joint, Hinge,
GTIN (EAN)	4008190203542	Material: Aluminium AlSi12, silver
Qty.	1 pc(s).	

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

General ordering data

Type	TS35X15 ST K61	Version
Order No.	8000073097	Rail, TS 35, TS 35 x 15, Width: 243 mm, with slot, Steel, galvanic zinc
GTIN (EAN)	4064675340508	plated and passivated
Qty.	20 pc(s).	

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Accessories

Klippon® K - Mounting plates



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- DIN Rails TS 35 and TS15
- Mounting plates
- Hinges
- Wall-mounted holder

General ordering data

Type	MOPL K61 STAHL	Version
Order No.	3073120000	Klippon K (aluminium empty enclosure), Mounting plate, Mounting
GTIN (EAN)	4008190858056	plate, Height: 145 mm, Width: 245 mm, Depth: 2 mm, Material: Sheet
Qty.	1 pc(s).	steel, galvanized, galvanized, silver

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

General ordering data

Type	TS35/243 KLIPPON K61POK6	Version
Order No.	1910120000	Rail, TS 35, TS 35 x 7.5, Width: 239 mm, without slot, Steel,
GTIN (EAN)	4032248537037	galvanized, chromium-plated
Qty.	1 pc(s).	

Type	TS35X7.5 ST K61	Version
Order No.	8000037567	Rail, TS 35, TS 35 x 7.5, Width: 243 mm, with slot, Steel, galvanized,
GTIN (EAN)	4050118653298	chromium-plated
Qty.	20 pc(s).	