

Klippon K (aluminium empty enclosure) KLIPPON K52

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com



The Klippon® brand has long stood for competence and quality in housings – particularly when turnkey, customer-specific solutions for standard industrial applications and applications in explosive risk zones are concerned.

Improved products that meet all application requirements: this was Weidmüller's aim when modernising and upgrading the Klippon® K enclosure series. 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.

- Available in two surface finishes: natural and powder-coated (RAL 7001)
- Available with moulded silicone or chloroprene gasket as standard
- Uniform Torx slotted screw head for 19 enclosure sizes
- Mounting holes outside of the gasket area
- High IP protection classes: IP66, IP67 and IP68
- Impact resistance of up to 7 (10) Joules
- The enclosures are approved according ATEX, IECEx, GOST Ex, GOST, cULus, Russian Maritime Register and Germanischer Lloyd as well as the empty enclosure standard.
- Alloy is resistant to salt water
- Standardised distributor enclosures with threaded holes and a variety of terminal configurations

General ordering data

Type	KLIPPON K52
Order No.	1565290000
Version	Klippon K (aluminium empty enclosure), Empty enclosure, Aluminium enclosure, Height: 160 mm, Width: 160 mm, Depth: 91 mm, Material: Aluminium AlSi12, untreated, silver
GTIN (EAN)	4008190030070
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Width	160 mm	Width (inches)	6.299 inch
Height	160 mm	Height (inches)	6.299 inch
Depth	91 mm	Depth (inches)	3.583 inch
Mounting dimension - width	140 mm	Mounting dimension - height	110 mm
Weight	1,480 g	Net weight	1,594 g

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

Cable glands, left

M12	8	M16	5
M20	3	M25	2
M32	1		

Cable glands, right

M12	8	M16	5
M20	3	M25	2
M32	1		

Cable glands, top/bottom

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

Certificate numbers enclosure

Certificate No. (GERMLLOYD)	TAE00002SM	Certificate No. (MARITREG)	19.00108.272
Certificate no. (cULus)	E197061		

General information

Areas of use	Process industry, Transportation, Marine engineering, Packaging industry, Harbour facilities, Machine construction	Material thickness	4.5 mm
Material thickness of cover	4 mm	Material thickness of enclosure	4.5 mm
Torque for lid screws	2.5 Nm	Material	Aluminium AlSi12
Seal material	Chloroprene	Surface finish	untreated
Operating temperature, min.	-40 °C	Operating temperature, max.	80 °C
Impact resistance	10.00 J	Protection degree	IP66, IP67, IP68
Note: protection class	IP68 (t=72h, h=1m)	Enclosure attachment	Holes 6 mm
Lid attachment	M6 torx stainless steel screws with slot	Integral fixing	Threaded holes M5

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		

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Technical data

vertical assembly

WDU 2,5 / ZDU 2,5 / IDU 2,5

*

WDU 4 / ZDU 4

*

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	UNSPSC	31-26-15-02

Approvals

Approvals



ROHS

Conform

Downloads

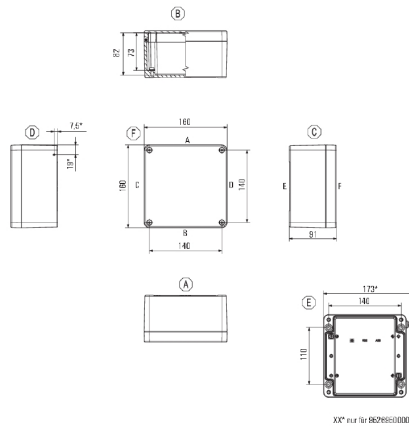
Approval/Certificate/Document of Conformity	EU Declaration of Conformity - Klippon K Empty Enclosures - DoC DE PS2410_160412_001ISS01
Brochure/Catalogue	MB KLIPPON ENCL.TECN EN CAT 5 ENCL 17/18 EN FL RAILWAY 2014 EN
Engineering Data	EPLAN, WSCAD
Engineering Data	STEP
Tender specification	Klippon K52_1565290000_DE Klippon K52_1565290000_EN
User Documentation	MB KLIPPON ENCL.TECN DE Assembly guidelines - empty enclosures

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Drawings

Dimensioned drawing



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Accessories

Klippon® K - Mounting plates



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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, Material: Sheet
Qty.	1 pc(s).	steel, galvanized, galvanized, silver

Klippon® K - Hinge



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General ordering data

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

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Accessories

Screwing



Klippon® Connect with clamping yoke Technology

The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easier and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

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).	

Spacer



For many years, the name Klippon® has stood for competence and quality in enclosures.

The Klippon® EBi industrial enclosure series protects your components reliably if they are used in moderate environmental conditions and is designed for everyday applications.

With the ever-increasing need for individual application solutions, the Klippon® EBi with its high degree of protection and impact resistance is ideally suited to your needs.

Our standard product is the Klippon® EBi QL – with hinged door and double-bit key lock.

A variant with mounting screws is also available, but is only manufactured on request and is subject to a minimum order quantity. DNV GL and cULus approvals are also available on request.

General ordering data

Type	SP M6 20 MSZN	Version
Order No.	3896200000	Klippon EBi (Essential Box industrial), Spacer, silver
GTIN (EAN)	4008190850234	
Qty.	2 pc(s).	
Type	SP M6 15 MSZN	Version
Order No.	3896100000	Klippon EBi (Essential Box industrial), Spacer, silver
GTIN (EAN)	4008190857851	
Qty.	2 pc(s).	
Type	SP M6 30 MSZN	Version
Order No.	3896300000	Klippon EBi (Essential Box industrial), Spacer, silver
GTIN (EAN)	4008190850241	
Qty.	2 pc(s).	

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Accessories**Klippon® K - Wall-mounted holder**

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

TS 35

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General ordering data

Type	TS35X7.5 ST K52	Version
Order No.	8000003908	Rail, TS 35, TS 35 x 7.5, Length: 140 mm, without slot, Steel,
GTIN (EAN)	4050118652659	galvanized, chromium-plated
Qty.	20 pc(s).	