

**KLIPPON K11 EX****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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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, 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: 80 mm, Width: 75 mm, Depth: 57 mm, Material: Aluminium AISi12, untreated, silver
Order No.	<a href="#">9526850000</a>
Type	KLIPPON K11 EX
GTIN (EAN)	4032248019144
Qty.	1 pc(s).

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**Technical data****Dimensions and weights**

Depth	57 mm	Depth (inches)	2.244 inch
Height	80 mm	Height (inches)	3.15 inch
Width	75 mm	Width (inches)	2.953 inch
Mounting dimension - height	52 mm	Mounting dimension - width	63 mm
Net weight	328 g		

**Temperatures**

Operating temperature	-60 °C...135 °C
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**Cable glands, left**

M12	2	M16	2
M20	1		

**Cable glands, right**

M12	2	M16	2
M20	1		

**Cable glands, top/bottom**

M12	2	M16	2
M20	1	M25	1

**Certificate numbers enclosure**

Approval conditions	DNV, GL, RMRS, ATEX, IECEx, UL AEx Class Div., CCC, INMETRO	Attestation of Conformity No. (AoC)	DE PS24 10 160308 001ISS01
Certificate No. (ATEX)	IBEXU12ATEX1144U	Certificate No. (DNV)	TAE00002SM
Certificate No. (IECEX)	IECEXIBE13.0002X	Certificate no. Terminal Box (ATEX)	IBEXU12ATEX1145 X
Certificate no. Terminal Box (IECEX)	IECEX IBE 13.0002X	Certificate no. Terminal Box (INMETRO)	LMP 23.0527X
Certificate no. empty enclosure (ATEX)	IBEXU12ATEX1144 U	Certificate no. empty enclosure (IECEX)	IECEX IBE 13.0001U
Certificate no. empty enclosure (INMETRO)	LMP 23.0526U	Declaration of Conformity No. (DoC LVD)	DE_PS24 10_160412_001ISS01

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## Technical data

## General information

Access opening: height	72 mm	Access opening: width	67 mm
Areas of use	Explosive risk zone, Process industry, Transportation, Packaging industry, Marine engineering, Machine construction, Harbour facilities	Enclosure attachment	
Flange plate	No	Impact resistance	Holes 4 mm 7 J ATEX version
Integral fixing	Threaded holes M4	Lid	Yes
Lid attachment	M4 torx stainless steel screws with slot	Material	Aluminium AlSi12
Material thickness of cover	2.5 mm	Material thickness of enclosure	4 mm
Number of lid screws	4	Operating temperature, max.	135 °C
Operating temperature, min.	-60 °C	Protection degree	IP66, IP67
Seal material		Standards	IEC 60079-0, IEC 60079-7, IEC 60079-31, EN 45545-2:2013
	Silicone		
Surface finish	untreated	Torque for lid screws	2.5 Nm

## horizontal assembly

WDU 2,5 / ZDU 2,5 / IDU 2,5	1x5	WDU 4 / ZDU 4	1x4
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## vertical assembly

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

ETIM 6.0	EC002503	ETIM 7.0	EC002503
ETIM 8.0	EC002503	ETIM 9.0	EC002503
ECLASS 9.0	27-18-05-02	ECLASS 9.1	27-18-05-02
ECLASS 10.0	27-18-05-02	ECLASS 11.0	27-18-05-02
ECLASS 12.0	27-18-05-02	ECLASS 13.0	27-18-05-02

## Environmental Product Compliance

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

## Approvals

Approvals



ROHS	Conform
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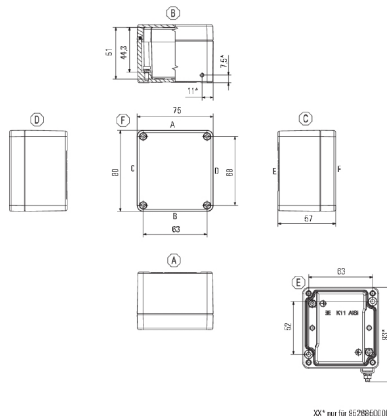
[www.weidmueller.com](http://www.weidmueller.com)**Technical data****Downloads**

Approval/Certificate/Document of Conformity	<a href="#">CCC 2020322303000040 Klippon K Assembly Enclosure</a> <a href="#">UKCA TÜV 22 UKEX 7094 U</a> <a href="#">UKCA TÜV 22 UKEX 7095 X</a> <a href="#">Attestation of Conformity - Klippon K Empty Enclosures - AoC DE PS2410 160308 001ISS03</a> <a href="#">IBEXU12ATEX1145X</a> <a href="#">IECEXIBE13.0001U</a> <a href="#">IECEXIBE13.0002X</a> <a href="#">TAE00002SM</a> <a href="#">IBEXU12ATEX1144U</a> <a href="#">INMETRO LMP 23.0527X - Terminal Box CAIXAS DE JUNÇÃO KLIPPON K</a> <a href="#">INMETRO CERTIFICADO LMP 23.0526U - INVÓLUCROS VAZIOS Empty Enclosure KLIPPON K</a> <a href="#">EU Declaration of Conformity - Klippon K Empty Enclosures - DoC DE PS2410 160412 001ISS03</a> <a href="#">DoM Klippon K salt water resistance</a> <a href="#">DoM Klippon K EN 45545-2 2013 Railway</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Product Change Notification	<a href="#">Technical change to Klippon K® enclosure series</a> <a href="#">Technische Änderung für Klippon® K Gehäuse</a> <a href="#">20240315-PCN-Klippon K Enclosure Instruction</a>
Tender specification	<a href="#">Klippon K11 Ex_9526850000_DE</a> <a href="#">Klippon K11 Ex_9526850000_EN</a>
User Documentation	<a href="#">Assembly guidelines - empty enclosures</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">MB OVERV. PROCESS WD DE</a> <a href="#">MB KLIPPON ENCL.TECN EN</a> <a href="#">MB PROCESS EN</a> <a href="#">FL RAILWAY 2014 EN</a> <a href="#">FL RAILWAY 2014 EN</a>

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**Drawings****Dimensioned drawing**

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[www.weidmueller.com](http://www.weidmueller.com)**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 M4X6 D8/SW2	Version
Order No.	<a href="#">1567480000</a>	SAK Series, Allen hex screw, Screws, Number of poles: 1
GTIN (EAN)	4008190033491	
Qty.	100 pc(s).	

**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 K11 STAHL	Version
Order No.	<a href="#">3073000000</a>	Klippon K (aluminium empty enclosure), Mounting plate, Mounting
GTIN (EAN)	4008190857936	plate, Height: 67 mm, Width: 64 mm, Depth: 2 mm, Material: Sheet
Qty.	1 pc(s).	steel, galvanized, galvanized, silver

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## Accessories

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

## General ordering data

Type	TS15X5 ST K11	Version
Order No.	<a href="#">8000003888</a>	Rail, TS 15, Width: 64 mm, without slot, Steel, galvanized, chromium-plated
GTIN (EAN)	4050118652390	
Qty.	20 pc(s).	
Type	TS15 64 KLIPPON K11	Version
Order No.	<a href="#">1909990000</a>	Rail, TS 15, Width: 64 mm, without slot, Steel, galvanized, chromium-plated
GTIN (EAN)	4032248536917	
Qty.	1 pc(s).	

## 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

## General ordering data

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

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## Accessories

## Depth 7.5 mm



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

## General ordering data

Type	TS35X7.5 ST K11	Version
Order No.	<a href="#">8000003899</a>	Rail, TS 35, TS 35 x 7.5, Width: 64 mm, without slot, Steel, galvanic
GTIN (EAN)	4050118652383	zinc plated and passivated
Qty.	20 pc(s).	

## Installation material



### Integrate, expand and customise - the perfect supplement to every application

The fully structured range of system accessories for the new Klippon® TB enclosure series allows you to easily adapt the enclosures to meet the specific requirements of every application.

#### Mounting hardware kits

Mounting hardware kits are available for quick and easy installation of type label holders, document holders and rain hoods.

The **label fastening set – SD** is required to install a plastic (Trafolyte) ID or type label. With the aid of this set can you mount the ID or type label directly on the enclosure cover. The label fastening set has been specially developed for this purpose. Only by using this fastening set can you ensure that there will be no leaks into the enclosure or damage to the label.

The **universal fastening set – TPSD** has been developed to enable secure and quick installation of type label holders, rain covers or document holders, for example. By using this fastening set, the risk of leaks can be minimised, if not avoided.

## General ordering data

Type	SD FIXING SET	Version
Order No.	<a href="#">1285200000</a>	Klippon TB (Terminal Box), Identification plate fixing set, Height: 12 mm, Width: 12 mm, Depth: 16.4 mm, Material: Stainless steel, rust-proof, untreated, silver
GTIN (EAN)	4050118075472	
Qty.	1 pc(s).	
Type	TPSD FIXING SET KTB	Version
Order No.	<a href="#">1252190000</a>	Klippon TB (Terminal Box), Type plate fixings set, Material: Stainless steel, rust-proof, untreated, silver
GTIN (EAN)	4050118043969	
Qty.	1 pc(s).	



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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Depth 15 mm**

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

**General ordering data**

Type	TS35X15 ST K11	Version
Order No.	<a href="#">8000073084</a>	Rail, TS 35, TS 35 x 15, Width: 64 mm, with slot, Steel, galvanic zinc
GTIN (EAN)	4064675336945	plated and passivated
Qty.	20 pc(s).	