

## KLIPPON K32 EX

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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, EAC, cULus, Russian Maritime Register 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: 250 mm, Depth: 55 mm, Material: Aluminium AlSi12, untreated, silver
Order No.	<a href="#">9526900000</a>
Type	KLIPPON K32 EX
GTIN (EAN)	4032248019090
Qty.	1 pc(s).

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

Depth	55 mm	Depth (inches)	2.165 inch
Height	80 mm	Height (inches)	3.15 inch
Width	250 mm	Width (inches)	9.842 inch
Mounting dimension - height	52 mm	Mounting dimension - width	238 mm
Weight	710 g	Net weight	778 g

**Temperatures**

Operating temperature	-60 °C...135 °C
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**Environmental Product Compliance**

REACH SVHC	Lead 7439-92-1
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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	15	M16	9
M20	7	M25	6

**Certificate numbers enclosure**

Approval conditions	DNV, GL, RMRS, ATEX, EAC, IECEX, UL AEx Class Div., CCC	Attestation of Conformatiy No. (AoC)	DE PS24 10 160308 001ISS01
Certificate No. (ATEX)	IBEXU12ATEX1144U	Certificate No. (DNVGL)	TAE00002SM
Certificate No. (EAC)	C-DE.HB07.B.00089-20	Certificate No. (GERMLLOYD)	TAE00002SM
Certificate No. (IECEX)	IECEXIBE13.0001U	Certificate No. (MARITREG)	19.00108.272
Certificate no. Terminal Box (ATEX)	IBExU12ATEX1145 X	Certificate no. Terminal Box (EAC)	C-DE.HB07.B.00089/20 Ex Terminal Box
Certificate no. Terminal Box (IECEX)	IECEX IBE 13.0002X	Certificate no. empty enclosure (ATEX)	IBExU12ATEX1144 U
Certificate no. empty enclosure (IECEX)	IECEX IBE 13.0001U	Certificate no., empty enclosure (EAC)	C-DE.HB07.B.00089/20
Declaration of Conformatiy No. (DoC LVD)	DE_PS2410_160412_001ISS01		

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## Technical data

### General information

Access opening: height	72 mm	Access opening: width	242 mm
Areas of use	Explosive risk zone, Process industry, Transportation, Packaging industry, Marine engineering, Machine construction, Harbour facilities	Enclosure attachment	Holes 4 mm
Flange plate	No	Halogen	No
Impact resistance	7.00 J	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	Silicone
Standards	IEC 60079-0, IEC 60079-7, IEC 60079-31, EN 45545-2:2013	Surface finish	untreated
Torque for lid screws	2.5 Nm		

### horizontal assembly

WDU 2,5 / ZDU 2,5 / IDU 2,5	1x38	WDU 4 / ZDU 4	1x32
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### vertical assembly

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

ETIM 6.0	EC002503	ETIM 7.0	EC002503
ETIM 8.0	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		

### Approvals

Approvals



ROHS Conform

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## Technical data

### Downloads

Approval/Certificate/Document of Conformity	<a href="#">C-DE.HB07.B.00089-Empty Enclosures and Ex. Terminal Box</a> <a href="#">CCC 2020322303000040 Klippon K Assembly Enclosure</a> <a href="#">Attestation of Conformity - Klippon K Empty Enclosures - AoC DE PS2410 160308 001ISS03</a> <a href="#">RUC-DE.BE02.B.00173</a> <a href="#">IBEXU12ATEX1145X</a> <a href="#">IECEXIBE13.0001U</a> <a href="#">IECEXIBE13.0002X</a> <a href="#">TAE00002SM</a> <a href="#">19.00108.272</a> <a href="#">IBEXU12ATEX1144U</a> <a href="#">EU Declaration of Conformity - Klippon K Empty Enclosures - DoC DE PS2410 160412 001ISS02</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="#">STEP</a>
Engineering Data	<a href="#">EPLAN, WSCAD</a>
Tender specification	<a href="#">Klippon K32 Ex_9526900000_DE</a> <a href="#">Klippon K32 Ex_9526900000_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**

