

KLIPPON K51 EX**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, 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: 120 mm, Width: 220 mm, Depth: 81 mm, Material: Aluminium AlSi12, untreated, silver
Order No.	9526940000
Type	KLIPPON K51 EX
GTIN (EAN)	4008190979089
Qty.	1 pc(s).

KLIPPON K51 EX**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data**Dimensions and weights**

Depth	81 mm	Depth (inches)	3.189 inch
Height	120 mm	Height (inches)	4.724 inch
Mounting dimension - height	82 mm	Mounting dimension - width	204 mm
Net weight	1,428 g	Weight	1,280 g
Width	220 mm	Width (inches)	8.661 inch

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
------------	----------------

Cable glands, left

M12	6	M16	3
M20	2	M25	1
M32	1		

Cable glands, right

M12	6	M16	3
M20	2	M25	1
M32	1		

Cable glands, top/bottom

M12	23	M16	14
M20	8	M25	5
M32	3	M40	3

Certificate numbers enclosure

Approval conditions	DNV, GL, RMRS, ATEX, EAC, IECEX, UL AEx Class Div., CCC	Attestation of Conformatiy No. (AoC)	DE PS2410 160308 001ISS01
Certificate No. (ATEX)	IBEXU12ATEX1145X	Certificate No. (DNVGL)	TAE00002SM
Certificate No. (EAC)	RUC-DE.BE02.B.00173	Certificate No. (GERMLLOYD)	TAE00002SM
Certificate No. (IECEX)	IECEXIBE13.0002X	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		

KLIPPON K51 EX

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

General information

Access opening: height	111 mm	Access opening: width	211 mm
Areas of use	Explosive risk zone, Process industry, Transportation, Packaging industry, Marine engineering, Machine construction, Harbour facilities	Enclosure attachment	
Flange plate	No	Halogen	Yes
Impact resistance	7.00 J	Integral fixing	Threaded holes M5
Lid	Yes	Lid attachment	M6 torx stainless steel screws with slot
Material	Aluminium AlSi12	Material thickness	4.5 mm
Material thickness of cover	4 mm	Material thickness of enclosure	4.5 mm
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 10 / ZDU 10	1x16	WDU 2,5 / ZDU 2,5 / IDU 2,5	1x31
WDU 4 / ZDU 4	1x26	WDU 6 / ZDU 6	1x19

vertical assembly

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

Classifications

ETIM 6.0	EC002503	ETIM 7.0	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

KLIPPON K51 EX**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Technical data****Downloads**

Approval/Certificate/Document of Conformity	C-DE.HB07.B.00089-Empty Enclosures and Ex. Terminal Box CCC 2020322303000040 Klippon K Assembly Enclosure Attestation of Conformity - Klippon K Empty Enclosures - AoC DE PS2410 160308 001ISS01 RUC-DE.BE02.B.00173 IBEXU12ATEX1145X IECEXIBE13.0001U IECEXIBE13.0002X TAE00002SM 19.00108.272 IBEXU12ATEX1144U EU Declaration of Conformity - Klippon K Empty Enclosures - DoC DE PS2410 160412 001ISS01 DoM Klippon K salt water resistance DoM Klippon K EN 45545-2 2013 Railway
Engineering Data	STEP
Engineering Data	EPLAN, WSCAD
Tender specification	Klippon K51 Ex 9526940000 DE Klippon K51 Ex 9526940000 EN
User Documentation	Assembly guidelines - empty enclosures

KLIPPON K51 EX

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Drawings

Dimensioned drawing

