

Klippon Control Station (control and signalling device) KLIPPON CS K51-2

Weidmüller Interface GmbH & Co. KG
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Germany
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On-site control with Ex-certified Klippon® Control Station:
small command and signalling devices
Approved operating and display elements in stainless steel, aluminium or polyester enclosures.
You want to control and safeguard your work processes in hazardous areas. For on-site control - approved Klippon® enclosure solutions with control and display elements. Let's connect.

General ordering data

Type	KLIPPON CS K51-2
Order No.	1537570000
Version	Klippon Control Station (control and signalling device), Control / signalling device, KLIPPON K51 EX, Aluminium AISi 12, Pushbutton - green, Pushbutton - red, EMERGENCY-STOP pushbutton with yellow, contrasting label, 2 NO contacts, 2 NC contact, positive opening contacts, -55 °C... +55 °C, IP54, IP66
GTIN (EAN)	4050118341799
Qty.	1 pc(s).
Reference product	9526940000
Cable gland	1460070000

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Technical data

Dimensions and weights

Width	120 mm	Width (inches)	4.724 inch
Height	220 mm	Height (inches)	8.661 inch
Depth	81 mm	Depth (inches)	3.189 inch
Net weight	1,970 g	Depth with add-on components	119 mm

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

Certificate numbers enclosure

Certificate no. assembled enclosure (ATEX)	TÜV 14 ATEX 7606 X	Certificate no. assembled enclosure (IECEX)	IECEX ITA 14.0013X
Certificate No. (MARITREG)	15.40082.250		

General information

1 Position in enclosure	Pushbutton - green	2 Position in enclosure	Pushbutton - red
3 Position in enclosure	EMERGENCY-STOP pushbutton with yellow, contrasting label	Contact design	2 NO contacts, 2 NC contact, positive opening contacts
Operating voltage, max.	400 V	Operating current at 40°C ambient temperature, max.	1.5 mm ² - T6 10 A, 1.5 mm ² - T5 16 A, 2.5 mm ² - T6 16 A
Operating current at 55°C ambient temperature, max.	1.5 mm ² - T4 16 A, 1.5 mm ² - T5 10 A, 2.5 mm ² - T5 16 A	Actuators	Pushbutton, EMERGENCY STOP pushbutton
Actuator colour	green, red	Drill holes side B	1 x M25
Lid attachment	Torx®-20 slothead screws	Seal material of operating and display elements	EPDM
Enclosure seal material	Silicone (VMQ)	Torque for lid screws	2.5 Nm
Earth stud torque	2.5 Nm	External earth	M4 earthing studs, stainless steel
Internal earth	Earth terminal	Marking	II 2 G Ex d e IIC T* Gb, II 2 D Ex tb IIIC T*°C Db
Cable gland clamping area, max.	18 mm	Cable gland clamping area, min.	10 mm
Wire connection cross section, finely stranded, max.	2.5 mm ²	Type of mounting	Wall mounting
Surface finish	Powder-coated	Impact resistance	7 joules in acc. with IEC60079-0
Temperature class	T4, T5, T6	Material	Aluminium AlSi12

Housing

Drill holes side B	1 x M25	Material	Aluminium AlSi12
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Classifications

ETIM 6.0	EC002503	eClass 6.2	27-37-12-90
eClass 7.1	27-37-12-90	eClass 8.1	27-37-12-90
eClass 9.0	27-18-05-02	eClass 9.1	27-18-05-90

Data sheet**Klippon Control Station (control and signalling device)
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Technical data**Approvals**

Approvals

**Downloads**

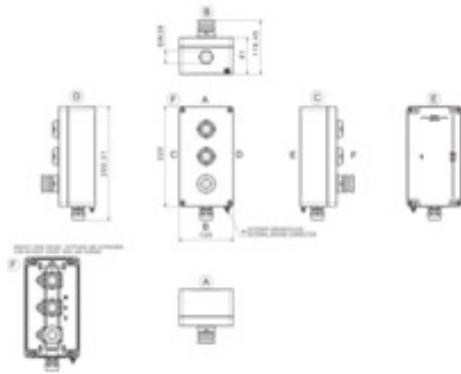
Brochure/Catalogue	CAT 5 ENCL 17/18 EN PI KLIPPON CS EN
Engineering Data	EPLAN_WSCAD
Engineering Data	STEP

Data sheet

**Klippon Control Station (control and signalling device)
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Drawings



- Klippon CS POK 122208 - 4 - LtBmarLaBmpg**
- Actuating and illuminating elements
 - B: Button
 - I: Illuminated button
 - L: Lamp
 - e: NO
 - m:NC and NO
 - c: NC
 - g: Green
 - r: Red
 - e: Emergency Stop
 - p: Push
 - k: Key
 - 3: Positions of the switch
 - Drilling design
 - Dimensions
 - Enclosure Range
 - POK (Polyester)
 - K (Aluminium)
 - STB (Stainless Steel)
 - Product Name
 - Control Station
 - Brand Name
 - Klippon®

Klippon K (aluminium empty enclosure) KLIPPON K51 EX

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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 K51 EX
Order No.	9526940000
Version	Klippon K (aluminium empty enclosure), Empty enclosure, Aluminium enclosure, Height: 120 mm, Width: 220 mm, Depth: 81 mm, Material: Aluminium AlSi12, untreated, silver
GTIN (EAN)	4008190979089
Qty.	1 pc(s).

**Klippon K (aluminium empty enclosure)
KLIPPON K51 EX**

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Technical data
Dimensions and weights

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

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

Certificate no. assembled enclosure (ATEX)	IBExU12ATEX1145 X	Certificate no. empty enclosure (ATEX)	IBExU12ATEX1144 U
Certificate no. assembled enclosure (IECEx)	IECEx IBE 13.0002X	Certificate no. empty enclosure (IECEx)	IECEx IBE 13.0001U
Certificate no., assembled enclosure (EAC)	RU C-DE.ГБ08.B.01328	Certificate no., empty enclosure (EAC)	RU C-DE.ГБ08.B.00472
Certificate No. (GERMLLOYD)	TAE00002SM	Certificate No. (MARITREG)	14.40040.250

General information

Areas of use	Explosive risk zone, Process industry, Transportation, Packaging industry, Marine engineering, Machine construction, Harbour facilities	Material thickness	4.5 mm
Material thickness of cover	4 mm	Material thickness of enclosure	4.5 mm
Standards	IEC 60079-0, IEC 60079-7, IEC 60079-31	Torque for lid screws	2.5 Nm
Material	Aluminium AISi12	Seal material	Silicone
Surface finish	untreated	Operating temperature, min.	-60 °C
Operating temperature, max.	135 °C	Impact resistance	7.00 J
Protection degree	IP66, IP67	Enclosure attachment	Holes 6 mm
Lid attachment	M6 torx stainless steel screws with slot	Integral fixing	Threaded holes M5

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Technical data**horizontal assembly**

WDU 10 / ZDU 10	1x15	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	*
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Classifications

ETIM 3.0	EC000049	ETIM 4.0	EC002503
ETIM 5.0	EC002503	ETIM 6.0	EC002503
UNSPSC	31-26-15-02	eClass 5.1	27-18-05-02
eClass 6.2	27-18-05-02	eClass 7.1	27-18-05-02
eClass 8.1	27-18-05-02	eClass 9.0	27-18-05-02
eClass 9.1	27-18-05-02		

Approvals

Approvals



ROHS

Conform

Downloads

Approval/Certificate/Document of Conformity	Attestation of Conformity - Klippon K Empty Enclosures - AoC DE PS2410 160308 001ISS01 EU Declaration of Conformity - Klippon K Empty Enclosures - DoC DE PS2410 160412 001ISS01
Brochure/Catalogue	MB OVERV. PROCESS WD DE MB KLIPPON ENCL.TECN EN MB PROCESS EN CAT 5 ENCL 17/18 EN FL RAILWAY 2014 EN
Engineering Data	EPLAN, WSCAD
Engineering Data	STEP
Tender specification	Klippon K51 Ex_9526940000_DE Klippon K51 Ex_9526940000_EN
User Documentation	MB KLIPPON ENCL.TECN DE Assembly guidelines - empty enclosures

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Drawings

Dimensioned drawing

