

## Klippon Control Station (control and signalling device) KLIPPON CS STB 1-2

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
www.weidmueller.com



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 STB 1-2
Order No.	<a href="#">1537280000</a>
Version	Klippon Control Station (control and signalling device), Control / signalling device, KLIPPON STB 1 SS, Stainless steel 1.4404 (316L), Key-operated switch, 1 NC contact, 1 NO contacts, -55 °C...+55 °C, IP54, IP66
GTIN (EAN)	4050118341263
Qty.	1 pc(s).
Reference product	<a href="#">1002690000</a>
Cable gland	<a href="#">1460070000</a>

## Klippon Control Station (control and signalling device)

### KLIPPON CS STB 1-2

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-292083  
 www.weidmueller.com

## Technical data

### Dimensions and weights

Width	120 mm	Width (inches)	4.724 inch
Height	120 mm	Height (inches)	4.724 inch
Depth	81.5 mm	Depth (inches)	3.209 inch
Mounting dimension - width	145 mm	Net weight	1,515 g
Depth with add-on components	109 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	Key-operated switch	Contact design	1 NC contact, 1 NO contacts
Operating voltage, max.	400 V	Operating current at 40°C ambient temperature, max.	1.5 mm <sup>2</sup> - T6 10 A, 1.5 mm <sup>2</sup> - T5 16 A, 2.5 mm <sup>2</sup> - T6 16 A
Operating current at 55°C ambient temperature, max.	1.5 mm <sup>2</sup> - T4 16 A, 1.5 mm <sup>2</sup> - T5 10 A, 2.5 mm <sup>2</sup> - T5 16 A	Actuators	Key-operated switch, 3 switching positions, I - 0 - II, (I + II), latching, Key retractable
Drill holes side B	1 x M25	Lid attachment	M5 hexagonal screw with slot and 10mm distance across flats
Seal material of operating and display elements	EPDM	Enclosure seal material	Silicone (VMQ)
Torque for lid screws	2.5 Nm	Earth stud torque	7.5 Nm
External earth	M6 earthing studs, stainless steel	Internal earth	M6 x 10 earthing studs integrated in the lid, stainless steel
Marking	II 2 G Ex d e IIC T <sup>+</sup> Gb, II 2 D Ex tb IIIC T <sup>+</sup> 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 <sup>2</sup>
Type of mounting	Wall mounting	Surface finish	Mirror polished
Impact resistance	7 joules in acc. with IEC60079-0	Temperature class	T4, T5, T6
Material	Stainless steel 1.4404 (316L)		

### Housing

Drill holes side B	1 x M25	Material	Stainless steel 1.4404 (316L)
--------------------	---------	----------	-------------------------------

### 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

Creation date May 27, 2019 5:35:42 PM CEST

**Data sheet****Klippon Control Station (control and signalling device)  
KLIPPON CS STB 1-2**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
www.weidmueller.com

**Technical data****Approvals**

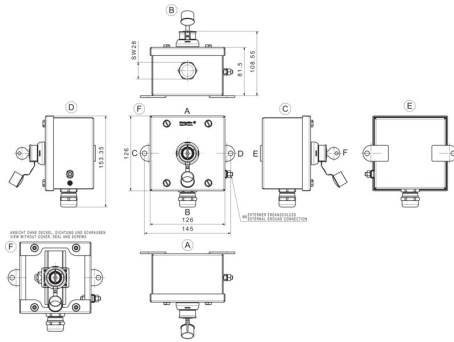
Approvals

**Downloads**

Brochure/Catalogue	<a href="#">CAT 5 ENCL 17/18 EN</a> <a href="#">PI KLIPPON CS EN</a>
Engineering Data	<a href="#">EPLAN_WSCAD</a>
Engineering Data	<a href="#">STEP</a>

**Klippon Control Station (control and signalling device)  
KLIPPON CS STB 1-2**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
www.weidmueller.com

**Drawings**

**Klippon CS POK 122208 - 4 - LtBmarLaBmss**

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 STB (Small Terminal Box) KLIPPON STB 1 SS

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
www.weidmueller.com

### Product image



Ideally suited for the energy, process and transportation industries, the Klippon® STB enclosure series is the perfect complement to our existing Klippon enclosure portfolio. Enclosures in this series are approved according to international standards such as e.g. EN62208 and EN60079-0/7 (ATEX).

- Mirror-polished or electropolished stainless steel 1.4404 (316L), 1.5 mm
- High-temperature-resistant seal as standard - extended temperature range of -60°C to +100°C (+120°C on request)
- Approved according to ATEX, IECEx, cULus, Lloyds Register, Germanischer Lloyd, GOST and INMETRO
- Flexible options for fastening the internal mounting rail
- IP66 protection
- Secure, permanent function of the seal is ensured by seal compression protection
- Earthing stud in the cover and base of the enclosure
- Laser cut weld seams for increased quality
- Already welded-on mounting feet guarantee optimum enclosure installation

Weidmüller can manufacture and supply this enclosure - according to customer specifications - fitted with all necessary terminals and cable glands.

### General ordering data

Type	KLIPPON STB 1 SS
Order No.	<a href="#">1002690000</a>
Version	Klippon STB (Small Terminal Box), Empty enclosure, stainless steel enclosure, Height: 120 mm, Width: 120 mm, Depth: 80 mm, Material: Stainless steel 1.4404 (316L), Mirror polished, silver
GTIN (EAN)	4032248695317
Qty.	1 pc(s).

**Klippon STB (Small Terminal Box)  
KLIPPON STB 1 SS**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-292083  
 www.weidmueller.com

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

Width	120 mm	Width (inches)	4.724 inch
Height	120 mm	Height (inches)	4.724 inch
Depth	80 mm	Depth (inches)	3.15 inch
Mounting dimension - width	145 mm	Weight	1.34 kg
Net weight	1,250 g		

**Cable glands, left**

M12	10	M16	6
M20	6	M25	3
M32	2	M40	2

**Cable glands, right**

M12	8	M16	4
M20	4	M25	2
M32	1	M40	1

**Cable glands, top/bottom**

M12	10	M16	6
M20	6	M25	3
M32	2	M40	2

**Certificate numbers enclosure**

Certificate no. assembled enclosure (ATEX)	IBExU07ATEX1148	Certificate no. empty enclosure (ATEX)	IBExU 07ATEX1147U
Certificate no. assembled enclosure (IECEX)	IECEX IBE 09.0019	Certificate no. empty enclosure (IECEX)	IECEX IBE 09.0018U
Certificate no., assembled enclosure (EAC)	RU C-DE.ГБ08.B.01328	Certificate no., empty enclosure (EAC)	RU C-DE.ГБ08.B.00472
Certificate no. assembled enclosure (INMETRO)	IEx 13.0003	Certificate no. empty enclosure (INMETRO)	IEx 13.0002U
Certificate no. assembled enclosure (AEx)	E223792	Certificate no., assembled enclosure (KOSHA)	16-AV4BO-0247X
Certificate No. (GERMLOYD)	59358-08	Certificate No. (MARITREG)	15.40041.250
Certificate no. (cULus)	E197061		

**General information**

Areas of use	Explosive risk zone, Packaging industry, Transportation, Process industry, Marine engineering	Material thickness	1.5 mm
Material thickness of enclosure	1.5 mm	Material	Stainless steel 1.4404 (316L)
Seal material	Silicone	Surface finish	Mirror polished
Operating temperature, min.	-60 °C	Operating temperature, max.	100 °C
Impact resistance	10 J version standard, 7 J ATEX version	Protection degree	IP66
Enclosure attachment	Welded-on mounting foot with 8-mm holes	Lid attachment	M5 hexagonal screw with slot and 10mm distance across flats
Integral fixing	TAS 20 rail welded to floor		

Creation date May 27, 2019 5:35:42 PM CEST

Catalogue status 23.05.2019 / We reserve the right to make technical changes.

## Klippon STB (Small Terminal Box) KLIPPON STB 1 SS

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-292083  
 www.weidmueller.com

## Technical data

### vertical assembly

WDU 10 / ZDU 10	1x8	WDU 16 / ZDU 16	1x7
WDU 2,5 / ZDU 2,5 / IDU 2,5	1x17	WDU 4 / ZDU 4	1x14
WDU 6 / ZDU 6	1x11		

### Classifications

ETIM 4.0	EC002600	ETIM 5.0	EC002600
ETIM 6.0	EC002503	eClass 6.2	27-14-91-07
eClass 7.1	27-14-91-07	eClass 8.1	27-14-91-07
eClass 9.0	27-18-05-02	eClass 9.1	27-18-05-02

### Product information

Product information the ambient temperature for the assembly will be reduced to +60°C and the surface temperature to +100°C.

### Approvals

Approvals



ROHS Conform

### Downloads

Approval/Certificate/Document of Conformity	<a href="#">Attestation of Conformity - Klippon STB Empty Enclosures - AoC DE PS2620 160308 001ISS01</a> <a href="#">EU Declaration of Conformity - Klippon STB Empty Enclosures Ex - DoC DE PS2620 160412 001ISS01</a>
Brochure/Catalogue	<a href="#">MB OVERV. PROCESS WD DE</a> <a href="#">MB KLIPPON ENCL.TECN EN</a> <a href="#">MB PROCESS EN</a> <a href="#">CAT 5 ENCL 17/18 EN</a> <a href="#">FL KLIPPON STB EN</a> <a href="#">FL SHIPBUILDING 2016 EN</a>
Engineering Data	<a href="#">EPLAN.WSCAD</a>
Engineering Data	<a href="#">STEP</a>
Tender specification	<a href="#">Klippon STB 1 SS_1002690000_DE</a> <a href="#">Klippon STB 1 SS_1002690000_EN</a>
User Documentation	<a href="#">MB KLIPPON ENCL.TECN DE</a> <a href="#">Assembly guidelines - empty enclosures</a>

**Klippon STB (Small Terminal Box)  
KLIPPON STB 1 SS**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-292083  
 www.weidmueller.com

**Drawings**

**Dimensioned drawing**

