

Illuminated pushbutton Ø 19 mm silver contact

82-5152.1113



<https://eao.com/p/82-5152.1113>

Your product:



82-5152.1113
Illuminated pushbutton Ø
19 mm silver contact

FRONT

Front bezel material: Stainless steel
Front bezel shape: flush

MOUNTING

Mounting cut-out: Ø 19 mm

OPERATING-/INDICATION PART

Lens colour: Silver
Shape of illumination: Ring
Lens optics: opaque
Lens material: Stainless steel
Illumination colour: Red
Lens shape: flush
Lens illumination: illuminative

ELECTRICAL CHARACTERISTICS

Rated Operational Voltage Ue: 250 VAC
Rated insulation voltage Ui: 250 V
Electric strength: 1500 VAC, 50 Hz 1 minute between live terminals and ground
Operating voltage: 12 V AC/DC
Contacts: 1 C
Pollution degree: 2, according to EN IEC 60947-1

Switching voltage and switching current:	according to IEC 60947-5-1 (Silver contacts) Service categorie AC-15	
Voltage	Current	
24 VAC	1 A	
35 VAC	1 A (M12 versio	
110 VAC	1 A	
220 VAC	0.5 A	
Switch rating DC service categorie DC-13 (Silver contacts)		
Voltage	Current	
24 VDC	0.7 A	
35 VDC	0.5 A (M12 vers	
110 VDC	0.2 A	
220 VDC	0.1 A	

according to UL 508 (Silver contacts)	
$\cos\phi$ 0,75 ... 0,8	
Voltage	Current
120 VAC	5 A
240 VAC	3 A
24 VAC	1 A

Thermal current I_{th} : 5 A

Electrical lifetime: 50 000 cycles of operation

MECHANICAL CHARACTERISTIC

Weight:	0.018 kg
Operating force:	4 N ... 7 N
Mechanical lifetime:	1 Mio. cycles of operation
Switching system:	Snap-action switching element
Contact material:	Silver
Switching action:	Momentary
Operating Travel:	ca. 3 mm
Tightening torque:	0.5 ... 0.6 Nm
Terminal:	Screw terminal

AMBIENT CONDITION

Shock resistance:	Max. 500 m / s ² as per IEC 60068-2-27
Vibration resistance:	10 ... 500 Hz, amplitude 1.5 mm p-p according to IEC 60068-2-6
Operating temperature:	- 30 °C ... + 70 °C
Climate resistance:	Damp heat, 21 days according to IEC 60512-11
Storage temperature:	- 40 °C ... + 80 °C

CERTIFICATE

Approbations: CB, CCC, C UL, UL

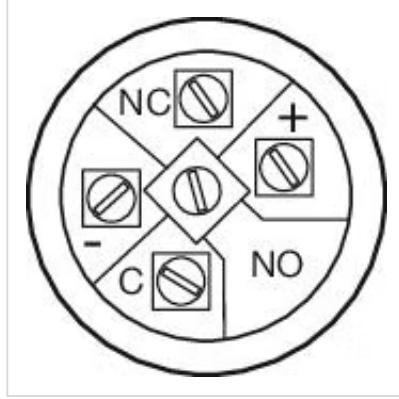
Conformities: CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

OTHER

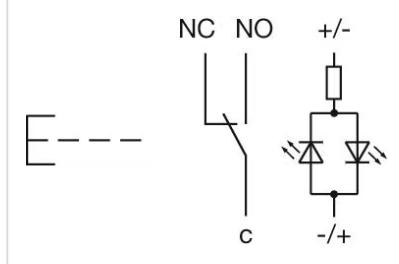
Kind of illumination: Single-LED

Short Description: Illuminated pushbutton Ø 19 mm silver contact, Momentary, 12 V AC/DC, 1 C, Screw terminal, Stainless steel, Red, Silver

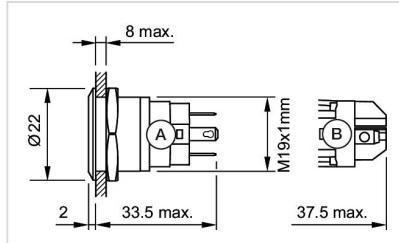
Component layouts:



Wiring diagrams:



Dimension drawings:



A = Solder terminal
B = Screw terminal

Mounting cut-outs:

