

Illuminated pushbutton Ø 19 mm silver contact

82-5152.1114



<https://eao.com/p/82-5152.1114>

Your product:



82-5152.1114
Illuminated pushbutton Ø
19 mm silver contact

FRONT

Front bezel material: Stainless steel

MOUNTING

Mounting cut-out: Ø 19 mm

OPERATING-/INDICATION PART

Lens colour: Silver

Lens optics: opaque

Lens material: Stainless steel

Lens shape: flush

Shape of illumination: Ring

Lens illumination: illuminative

Illumination colour: Red

ELECTRICAL CHARACTERISTICS

Electrical lifetime: 50 000 cycles of operation

Rated Operational Voltage Ue: 250 VAC

Contacts: 1 C

Electric strength: 1500 VAC, 50 Hz 1 minute between live terminals and ground

Pollution degree: 2, according to EN IEC 60947-1

Thermal current Ith: 5 A

Operating voltage: 24 V DC

Rated insulation voltage Ui:	250 V		
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 ϕ 0,75 ... 0,8		
Voltage	Current	
120 VAC	5 A	
240 VAC	3 A	
24 VAC	1 A	

MECHANICAL CHARACTERISTIC

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

AMBIENT CONDITION

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

CERTIFICATE

Approbations:

CB, CCC, C UL, UL

Conformities:

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

OTHER

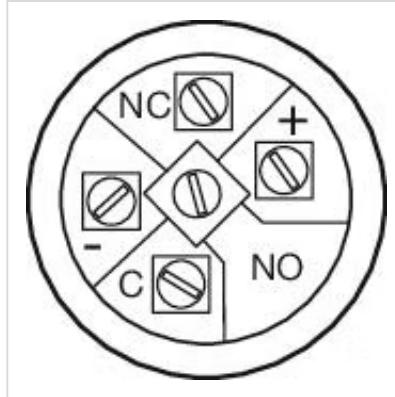
Kind of illumination:

Single-LED

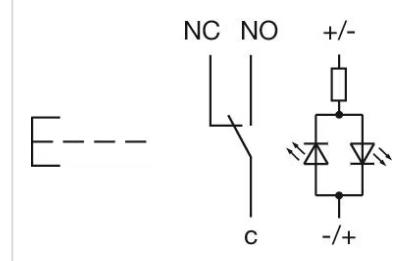
Short Description:

Illuminated pushbutton Ø 19 mm silver contact, Momentary, 24 V DC, 1 C, Screw terminal, Stainless steel, Red, Silver

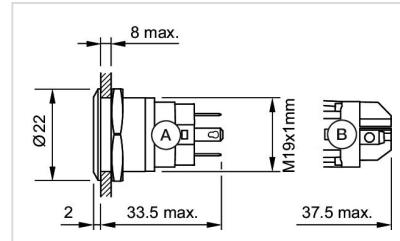
Component layouts:



Wiring diagrams:



Dimension drawings:



Mounting cut-outs:

