

Illuminated pushbutton Ø 19 mm silver contact

82-5152.1113.B001



<https://eao.com/p/82-5152.1113.B001>

Your product:



82-5152.1113.B001
Illuminated pushbutton Ø
19 mm silver contact

FRONT

Front bezel shape: flush
Front bezel material: Stainless steel

MOUNTING

Mounting cut-out: Ø 19 mm

OPERATING-/INDICATION PART

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

ELECTRICAL CHARACTERISTICS

Contacts: 1 C
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 version)
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 version)
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

Rated Operational Voltage Ue: 250 VAC

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

Thermal current Ith: 5 A

Electrical lifetime: 50 000 cycles of operation

Operating voltage: 12 V AC/DC

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

Rated insulation voltage Ui: 250 V

MECHANICAL CHARACTERISTIC

Weight: 0.018 kg

Terminal: Screw terminal

Operating force: 4 N ... 7 N

Mechanical lifetime: 1 Mio. cycles of operation

Tightening torque: 0.5 ... 0.6 Nm, Screw terminal 0.1 Nm

Contact material: Silver

Switching action: Momentary

Operating Travel: ca. 3 mm

Switching system: Snap-action switching element

AMBIENT CONDITION

Operating temperature: - 30 °C ... + 70 °C

Climate resistance:

Damp heat, 21 days according to IEC 60512-11

Storage temperature:	- 40 °C ... + 80 °C
Vibration resistance:	10 ... 500 Hz, amplitude 1.5 mm p-p according to IEC 60068-2-6
Shock resistance:	Max. 500 m / s ² as per IEC 60068-2-27
IP front protection:	IP65, IP67

CERTIFICATE

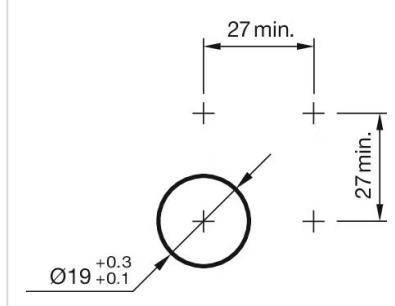
Approbations:	CB, CCC, C UL, UL
Conformities:	CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

OTHER

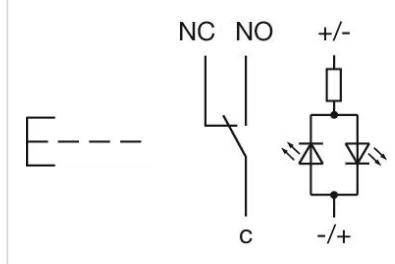
Short Description: Illuminated pushbutton Ø 19 mm silver contact, Momentary, 12 V AC/DC, 1 C, Screw terminal, Stainless steel, Red, ON/OFF, Silver

Kind of illumination: Single-LED

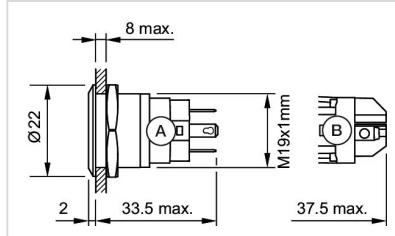
Mounting cut-outs:



Wiring diagrams:



Dimension drawings:



A = Solder terminal
B = Screw terminal

Component layouts:

