

Illuminated pushbutton Ø 22 mm silver contact

82-6152.1114.B001



<https://eao.com/p/82-6152.1114.B001>

Your product:



82-6152.1114.B001
Illuminated pushbutton Ø
22 mm silver contact

FRONT

Front bezel material: Stainless steel

Front bezel shape: flush

MOUNTING

Mounting cut-out: Ø 22 mm

OPERATING-/INDICATION PART

Lens optics: opaque

Lens illumination: illuminative

Shape of illumination: Ring

Lens shape: flush

Lens colour: Silver

Lens material: Stainless steel

Illumination colour: Red

ELECTRICAL CHARACTERISTICS

Thermal current I_{th}: 5 A

Rated insulation voltage U_i: 250 V

Operating voltage: 24 V AC/DC

Electrical lifetime: 50 000 cycles of operation

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)	
cosφ 0,75 ... 0,8	
Voltage	Current
120 VAC	5 A
240 VAC	3 A
24 VAC	1 A

Electric strength:	1500 VAC, 50 Hz 1 minute between life terminals and ground
Pollution degree:	2, according to EN IEC 60947-1
Rated Operational Voltage Ue:	250 VAC
Contacts:	1 C

MECHANICAL CHARACTERISTIC

Mechanical lifetime:	1 Mio. cycles of operation
Weight:	0.018 kg
Switching system:	Snap-action switching element
Operating Travel:	ca. 3 mm
Terminal:	Screw terminal
Tightening torque:	0.5 ... 0.6 Nm, Screw terminal 0.1 Nm
Contact material:	Silver
Operating force:	4 N ... 7 N
Switching action:	Momentary

AMBIENT CONDITION

Climate resistance:	Damp heat, 21 days according to IEC 60512-11
Operating temperature:	– 30 °C ... + 70 °C
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 / s² as per IEC 60068-2-27

CERTIFICATE

Approbations: CB, CCC, C UL, UL

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

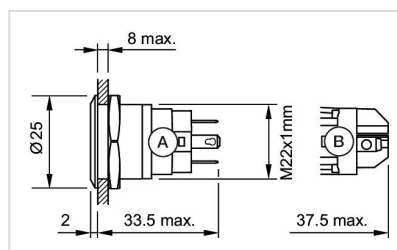
OTHER

Symbol: ON/OFF

Short Description: Illuminated pushbutton Ø 22 mm silver contact, Momentary, 24 V AC/DC, 1 C, Screw terminal, Stainless steel, Red, ON/OFF, Silver

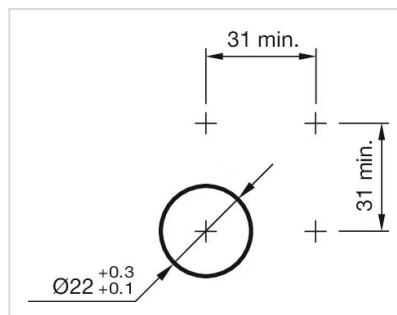
Kind of illumination: Single-LED

Dimension drawings:

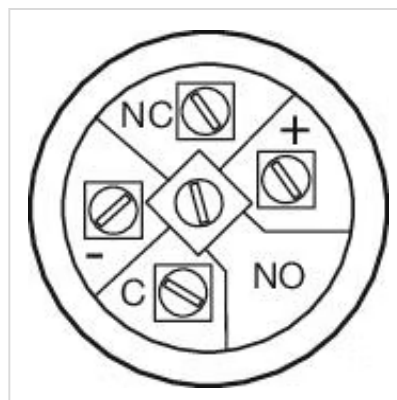


A = Solder terminal
B = Screw terminal

Mounting cut-outs:



Component layouts:



Wiring diagrams:

