

Illuminated pushbutton Ø 19 mm silver contact

82-5152.1123.B002



<https://eao.com/p/82-5152.1123.B002>

Your product:



82-5152.1123.B002
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 material:	Stainless steel
Shape of illumination:	Ring
Lens illumination:	illuminative
Lens colour:	Silver
Lens optics:	opaque
Lens shape:	flush
Illumination colour:	Blue

ELECTRICAL CHARACTERISTICS

Electric strength:	1500 VAC, 50 Hz 1 minute between life terminals and ground
Electrical lifetime:	50 000 cycles of operation
Thermal current Ith:	5 A
Rated Operational Voltage Ue:	250 VAC
Operating voltage:	12 V AC/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)		
$\cos\phi$ 0,75 ... 0,8		
Voltage	Current	
120 VAC	5 A	
240 VAC	3 A	
24 VAC	1 A	

Contacts: 1 C

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

MECHANICAL CHARATERISTIC

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

AMBIENT CONDITION

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

CERTIFICATE

Conformities:

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

Approbations:

CB, CCC, C UL, UL

OTHER

Short Description:

Illuminated pushbutton Ø 19 mm silver contact, Momentary, 12 V AC/DC, 1 C, Screw terminal, Stainless steel, Blue, Standby, Silver

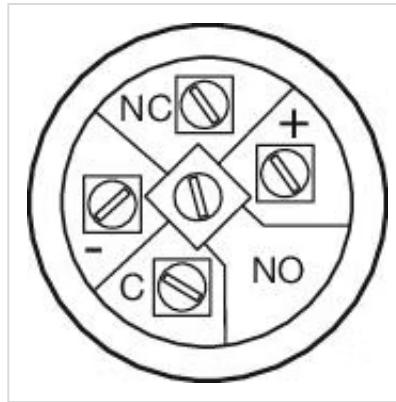
Symbol:

Standby

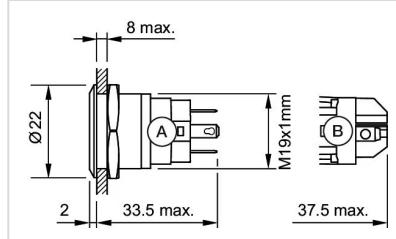
Kind of illumination:

Single-LED

Component layouts:

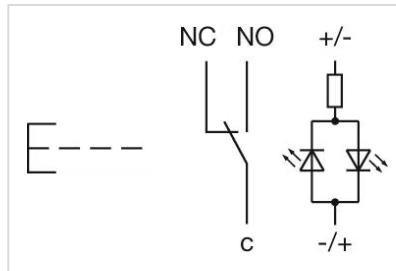


Dimension drawings:



A = Solder terminal
B = Screw terminal

Wiring diagrams:



Mounting cut-outs:

