

Illuminated pushbutton Ø 19 mm silver contact

82-5151.21A4



<https://eao.com/p/82-5151.21A4>

Your product:



82-5151.21A4

Illuminated pushbutton Ø
19 mm silver contact

FRONT

Front bezel shape:	flush
Front bezel material:	Stainless steel

MOUNTING

Mounting cut-out:	Ø 19 mm
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OPERATING-/INDICATION PART

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

ELECTRICAL CHARACTERISTICS

Thermal current I _{th} :	5 A
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

Pollution degree:	2, according to EN IEC 60947-1
Contacts:	1 C
Operating voltage:	24 V DC
Electrical lifetime:	50 000 cycles of operation
Electric strength:	1500 VAC, 50 Hz 1 minute between life terminals and ground
Rated insulation voltage Ui:	250 V
Rated Operational Voltage Ue:	250 VAC

MECHANICAL CHARACTERISTIC

Terminal:	Soldering terminal, 2.8 x 0.5 mm
Weight:	0.018 kg
Contact material:	Silver
Operating Travel:	ca. 3 mm
Switching system:	Snap-action switching element
Operating force:	4 N ... 7 N
Tightening torque:	0.5 ... 0.6 Nm
Switching action:	Maintained
Mechanical lifetime:	500 000 cycles of operation

AMBIENT CONDITION

Storage temperature:	– 40 °C ... + 80 °C
Shock resistance:	

Max. 500 m / s² as per IEC 60068-2-27

Climate resistance: Damp heat, 21 days according to IEC 60512-11

Vibration resistance: 10 ... 500 Hz, amplitude 1.5 mm p-p according to IEC 60068-2-6

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

CERTIFICATE

Approbations: CB, CCC, C UL, UL

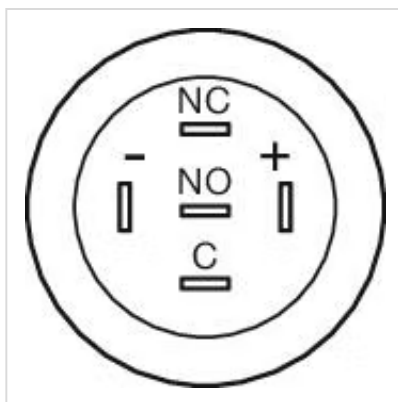
Conformities: CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

OTHER

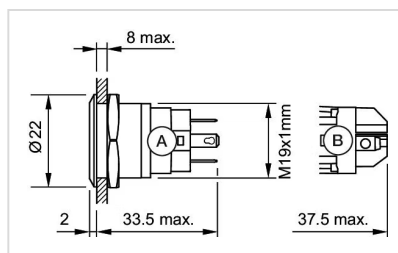
Kind of illumination: Bi-colour-LED

Short Description: Illuminated pushbutton Ø 19 mm silver contact, Maintained, 24 V DC, 1 C, Soldering terminal, 2.8 x 0.5 mm, Stainless steel, Red / Green, Silver

Component layouts:

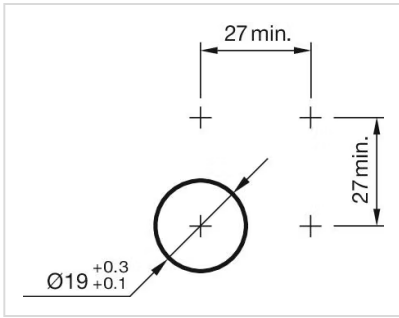


Dimension drawings:



A = Solder terminal
B = Screw terminal

Mounting cut-outs:



Wiring diagrams:

