

Illuminated pushbutton Ø 19 mm silver contact

82-5152.21A4



<https://eao.com/p/82-5152.21A4>

Your product:



82-5152.21A4
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

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

ELECTRICAL CHARACTERISTICS

Electric strength:	1500 VAC, 50 Hz 1 minute between life terminals and ground
Rated Operational Voltage Ue:	250 VAC
Electrical lifetime:	50 000 cycles of operation
Operating voltage:	24 V DC
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

Contacts: 1 C

Thermal current I_{th} : 5 A

Rated insulation voltage U_i : 250 V

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

MECHANICAL CHARACTERISTIC

Operating Travel: ca. 3 mm

Weight: 0.018 kg

Contact material: Silver

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

Operating force: 4 N ... 7 N

Mechanical lifetime: 500 000 cycles of operation

Switching system: Snap-action switching element

Terminal: Screw terminal

Switching action: Maintained

AMBIENT CONDITION

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

Shock resistance: Max. 500 m / s² as per IEC 60068-2-27

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

CERTIFICATE

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

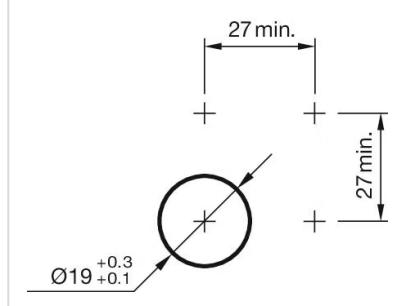
Approbations: CB, CCC, C UL, UL

OTHER

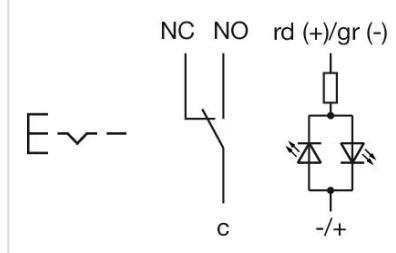
Short Description: Illuminated pushbutton Ø 19 mm silver contact, Maintained, 24 V DC, 1 C, Screw terminal, Stainless steel, Red / Green, Silver

Kind of illumination: Bi-colour-LED

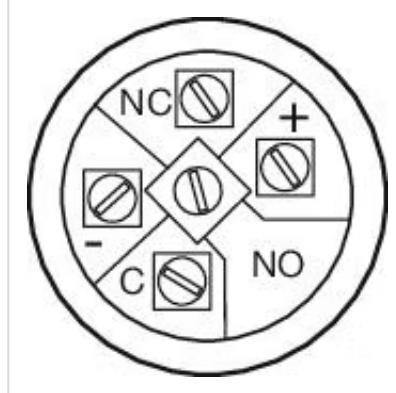
Mounting cut-outs:



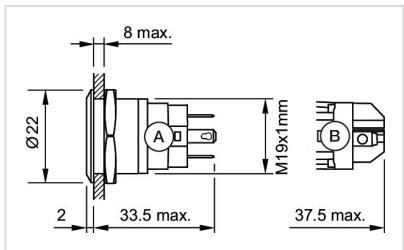
Wiring diagrams:



Component layouts:



Dimension drawings:



A = Solder terminal
B = Screw terminal