

Illuminated pushbutton Ø 19 mm silver contact

82-5151.1114.B002



<https://eao.com/p/82-5151.1114.B002>

Your product:



82-5151.1114.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
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OPERATING-/INDICATION PART

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

ELECTRICAL CHARACTERISTICS

Rated Operational Voltage U _e :	250 VAC
Rated insulation voltage U _i :	250 V
Switching voltage and switching current:	

according to IEC 60947-5-1 (Silver contacts)

Service categorie AC-15

Voltage

24 VAC

35 VAC

110 VAC

220 VAC

Current

1 A

1 A (M12 version)

1 A

0.5 A

Switch rating DC service categorie DC-13 (Silver contacts)

Voltage

24 VDC

35 VDC

110 VDC

220 VDC

Current

0.7 A

0.5 A (M12 version)

0.2 A

0.1 A

according to UL 508 (Silver contacts)

$\cos\phi$ 0,75 ... 0,8

Voltage

120 VAC

240 VAC

24 VAC

Current

5 A

3 A

1 A

Electrical lifetime:	50 000 cycles of operation
Electric strength:	1500 VAC, 50 Hz 1 minute between life terminals and ground
Operating voltage:	24 V DC
Pollution degree:	2, according to EN IEC 60947-1
Thermal current Ith:	5 A
Contacts:	1 C

MECHANICAL CHARACTERISTIC

Weight:	0.018 kg
Switching system:	Snap-action switching element
Operating Travel:	ca. 3 mm
Switching action:	Momentary
Contact material:	Silver
Mechanical lifetime:	1 Mio. cycles of operation
Tightening torque:	0.5 ... 0.6 Nm
Terminal:	Soldering terminal, 2.8 x 0.5 mm
Operating force:	4 N ... 7 N

AMBIENT CONDITION

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
Operating temperature:	

– 30 °C ... + 70 °C

Climate resistance:

Damp heat, 21 days according to IEC 60512-11

Storage temperature:

– 40 °C ... + 80 °C

CERTIFICATE

Approbations:

CB, CCC, C UL, UL

Conformities:

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

OTHER

Kind of illumination:

Single-LED

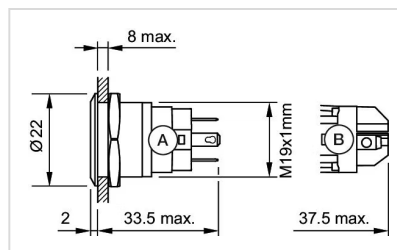
Short Description:

Illuminated pushbutton Ø 19 mm silver contact, Momentary, 24 V DC, 1 C, Soldering terminal, 2.8 x 0.5 mm, Stainless steel, Red, Standby, Silver

Symbol:

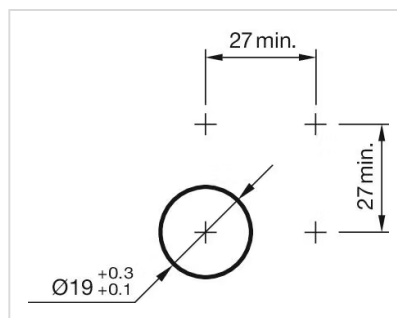
Standby

Dimension drawings:

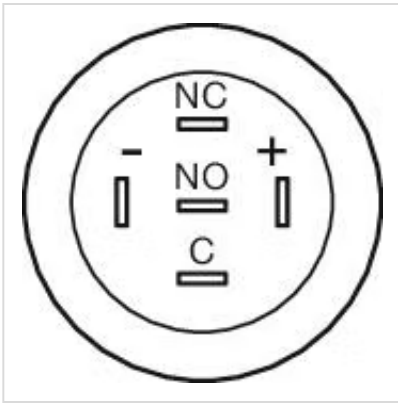


A = Solder terminal
B = Screw terminal

Mounting cut-outs:



Component layouts:



Wiring diagrams:

