

Illuminated pushbutton Ø 19 mm silver contact

82-5551.2114



<https://eao.com/p/82-5551.2114>

Your product:



82-5551.2114

Illuminated pushbutton Ø
19 mm silver contact

FRONT

Front bezel shape:	flush
Front bezel material:	Aluminium

MOUNTING

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

Lens material:	Aluminium
Lens colour:	Nature
Lens shape:	flush
Lens illumination:	illuminative
Lens optics:	opaque
Shape of illumination:	Ring
Illumination colour:	Red

ELECTRICAL CHARACTERISTICS

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

Rated Operational Voltage U_e :

250 VAC

MECHANICAL CHARACTERISTIC**Weight:**

0.018 kg

Contact material:

Silver

Switching system:

Snap-action switching element

Terminal:

Soldering terminal, 2.8 x 0.5 mm

Switching action:

Maintained

Operating force:

4 N ... 7 N

Tightening torque:

0.5 ... 0.6 Nm

Operating Travel:

ca. 3 mm

Mechanical lifetime:

500 000 cycles of operation

AMBIENT CONDITION**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

Storage temperature:

- 40 °C ... + 80 °C

Shock resistance:

Max. 500 m / s² as per IEC 60068-2-27

CERTIFICATE

Conformities:

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

Approbations:

CB, CCC, C UL, UL

OTHER

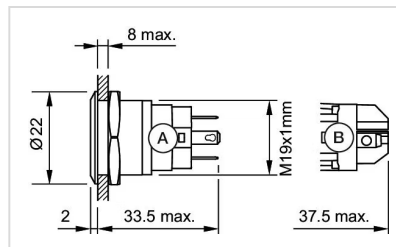
Short Description:

Illuminated pushbutton Ø 19 mm silver contact, Maintained, 24 V DC, 1 C,
Soldering terminal, 2.8 x 0.5 mm, Aluminium, Red, Nature

Kind of illumination:

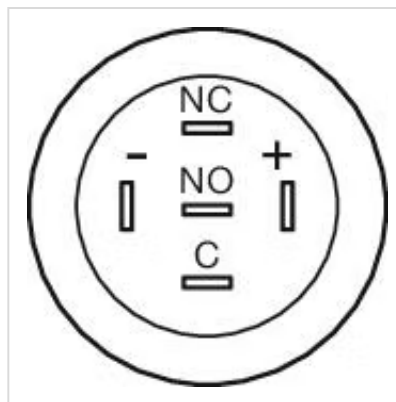
Single-LED

Dimension drawings:

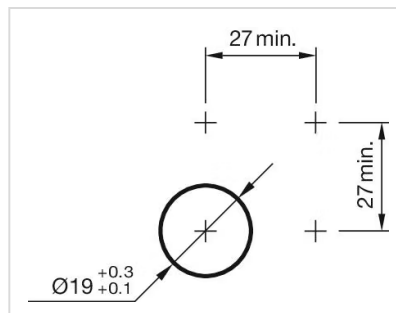


A = Solder terminal
B = Screw terminal

Component layouts:



Mounting cut-outs:



Wiring diagrams:

