

Illuminated pushbutton Ø 19 mm silver contact

82-5151.2114.B002



<https://eao.com/p/82-5151.2114.B002>

Your product:



82-5151.2114.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 shape:	flush
Lens optics:	opaque
Lens colour:	Silver
Lens illumination:	illuminative
Illumination colour:	Red
Lens material:	Stainless steel
Shape of illumination:	Ring

ELECTRICAL CHARACTERISTICS

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

Rated insulation voltage Ui:	250 V
Rated Operational Voltage Ue:	250 VAC
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

MECHANICAL CHARATERISTIC

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

AMBIENT CONDITION

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

CERTIFICATE

Conformities:

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

Approbations:

CB, CCC, C UL, UL

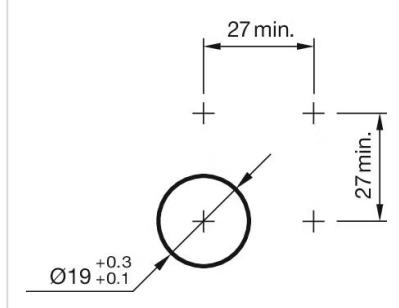
OTHER

Kind of illumination: Single-LED

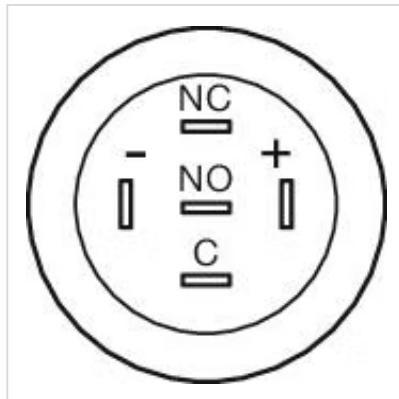
Symbol: Standby

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, Standby, Silver

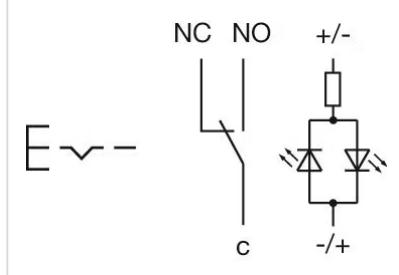
Mounting cut-outs:



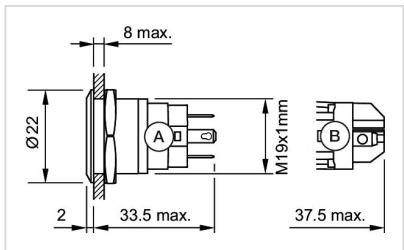
Component layouts:



Wiring diagrams:



Dimension drawings:



A = Solder terminal
B = Screw terminal