

Illuminated pushbutton Ø 19 mm silver contact

82-5152.1114.B001



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Your product:



82-5152.1114.B001

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

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

ELECTRICAL CHARACTERISTICS

Contacts:	1 C
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
Rated insulation voltage Ui:	250 V
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 Operational Voltage Ue:	250 VAC
Thermal current Ith:	5 A

MECHANICAL CHARACTERISTIC

Tightening torque:	0.5 ... 0.6 Nm, Screw terminal 0.1 Nm
Mechanical lifetime:	1 Mio. cycles of operation
Operating Travel:	ca. 3 mm
Weight:	0.018 kg
Terminal:	Screw terminal
Contact material:	Silver
Switching action:	Momentary
Operating force:	4 N ... 7 N
Switching system:	Snap-action switching element

AMBIENT CONDITION

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

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

CERTIFICATE

Approbations: CB, CCC, C UL, UL

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

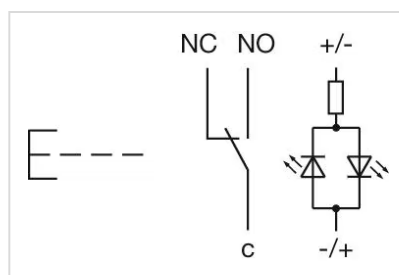
OTHER

Kind of illumination: Single-LED

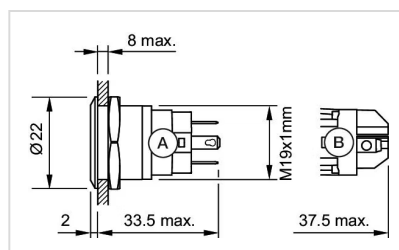
Short Description: Illuminated pushbutton Ø 19 mm silver contact, Momentary, 24 V DC, 1 C, Screw terminal, Stainless steel, Red, ON/OFF, Silver

Symbol: ON/OFF

Wiring diagrams:



Dimension drawings:



A = Solder terminal
B = Screw terminal

Component layouts:



Mounting cut-outs:

