

Illuminated pushbutton Ø 19 mm silver contact

82-5152.2113



<https://eao.com/p/82-5152.2113>

Your product:



82-5152.2113

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

ELECTRICAL CHARACTERISTICS

Operating voltage:	12 V AC/DC
Thermal current I _{th} :	5 A
Rated insulation voltage U _i :	250 V
Rated Operational Voltage U _e :	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 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

Contacts:	1 C
Electric strength:	1500 VAC, 50 Hz 1 minute between life terminals and ground
Electrical lifetime:	50 000 cycles of operation
Pollution degree:	2, according to EN IEC 60947-1

MECHANICAL CHARATERISTIC

Switching system:	Snap-action switching element
Operating Travel:	ca. 3 mm
Tightening torque:	0.5 ... 0.6 Nm, Screw terminal 0.1 Nm
Contact material:	Silver
Operating force:	4 N ... 7 N
Mechanical lifetime:	500 000 cycles of operation
Weight:	0.018 kg
Switching action:	Maintained
Terminal:	Screw terminal

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
Operating temperature:	– 30 °C ... + 70 °C
Storage temperature:	– 40 °C ... + 80 °C
Climate resistance:	

Damp heat, 21 days according to IEC 60512-11

CERTIFICATE

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

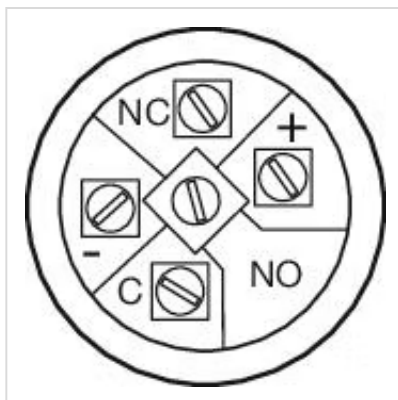
Approbations: CB, CCC, C UL, UL

OTHER

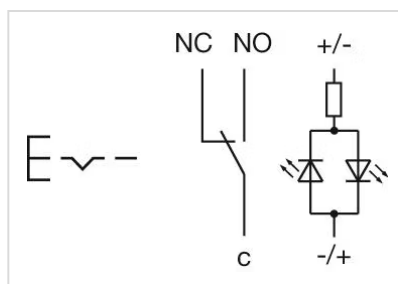
Short Description: Illuminated pushbutton Ø 19 mm silver contact, Maintained, 12 V AC/DC, 1 C, Screw terminal, Stainless steel, Red, Silver

Kind of illumination: Single-LED

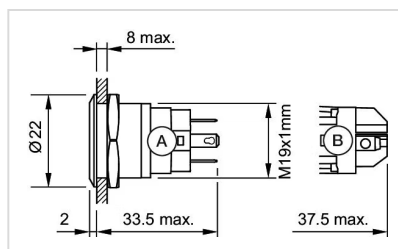
Component layouts:



Wiring diagrams:



Dimension drawings:



A = Solder terminal
B = Screw terminal

Mounting cut-outs:

