

Illuminated pushbutton Ø 19 mm silver contact

82-5152.1113



<https://eao.com/p/82-5152.1113>

Your product:



82-5152.1113

Illuminated pushbutton Ø
19 mm silver contact

FRONT

Front bezel material:	Stainless steel
Front form:	round
Front bezel shape:	flush
Front dimension:	Ø 22 mm

MOUNTING

Mounting type:	Panel mounting
Mounting cut-out:	Ø 19 mm

OPERATING-/INDICATION PART

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

ELECTRICAL CHARACTERISTICS

Rated Operational Voltage U _e :	250 VAC
Operation current:	7 mA
Rated insulation voltage U _i :	250 V

Electric strength:	1500 VAC, 50 Hz 1 minute between life terminals and ground		
Operating voltage:	12 V AC/DC		
Contacts:	1 C		
Pollution degree:	2, according to EN IEC 60947-1		
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 Switch rating DC service categorie DC-13 (Silver contacts) Voltage 24 VDC 35 VDC 110 VDC 220 VDC		
			Current 1 A 1 A (M12 versio 1 A 0.5 A
			Current 0.7 A 0.5 A (M12 vers 0.2 A 0.1 A
	according to UL 508 (Silver contacts) cosφ 0,75 ... 0,8 Voltage 120 VAC 240 VAC 24 VAC		
		Current	5 A 3 A 1 A
Thermal current I_{th}:	5 A		
Electrical lifetime:	50 000 cycles of operation		

MECHANICAL CHARACTERISTIC

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

AMBIENT CONDITION

Shock resistance:	Max. 500 m / s ² as per IEC 60068-2-27
Vibration resistance:	10 ... 500 Hz, amplitude 1.5 mm p-p according to IEC 60068-2-6
Operating temperature:	

– 30 °C ... + 70 °C

Climate resistance:

Damp heat, 21 days according to IEC 60512-11

IP front protection:

IP65, IP67

Storage temperature:

– 40 °C ... + 80 °C

CERTIFICATE

Approbations:

CB, CCC, C UL, UL

Conformities:

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

RoHS:

RoHS compliant

REACH:

REACH compliant

OTHER

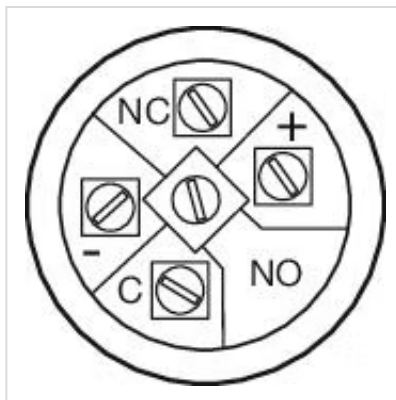
Kind of illumination:

Single-LED

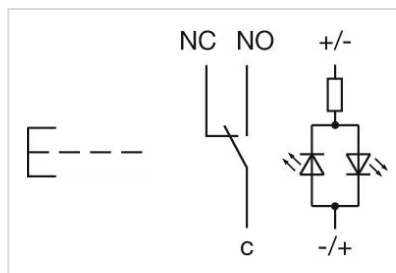
Short Description:

Illuminated pushbutton Ø 19 mm silver contact, Momentary, 12 V AC/DC, 1 C, Screw terminal, round, Stainless steel, Red, Silver

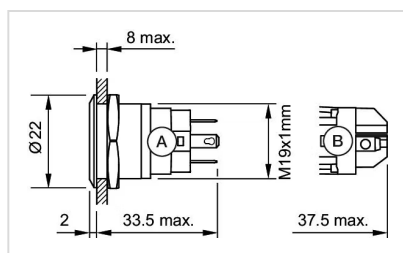
Component layouts:



Wiring diagrams:



Dimension drawings:



A = Solder terminal
B = Screw terminal

Mounting cut-outs:

