

Illuminated pushbutton Ø 19 mm silver contact

82-5152.2114.B002



<https://eao.com/p/82-5152.2114.B002>

Your product:



82-5152.2114.B002
Illuminated pushbutton Ø
19 mm silver contact

FRONT

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

MOUNTING

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

OPERATING-/INDICATION PART

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

ELECTRICAL CHARACTERISTICS

Operating voltage:	24 V DC
Pollution degree:	2, according to EN IEC 60947-1

Contacts:	1 C	
Operation current:	7 mA	
Thermal current I_{th}:	5 A	
Rated Operational Voltage U_e:	250 VAC	
Rated insulation voltage U_i:	250 V	
Electric strength:	1500 VAC, 50 Hz 1 minute between life terminals and ground	
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
Electrical lifetime:	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
Electrical lifetime:	50 000 cycles of operation	

MECHANICAL CHARACTERISTIC

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

AMBIENT CONDITION

Operating temperature:	- 30 °C ... + 70 °C
IP front protection:	

IP65, IP67

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

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

CERTIFICATE

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

Approbations: CB, CCC, C UL, UL

RoHS: RoHS compliant

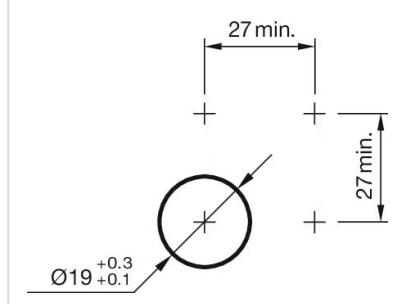
REACH: REACH compliant

OTHER

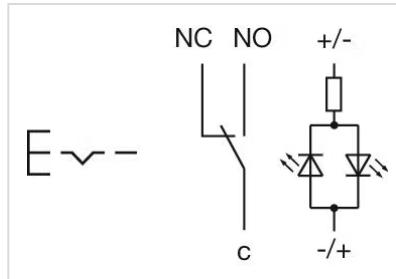
Kind of illumination: Single-LED

Short Description: Illuminated pushbutton Ø 19 mm silver contact, Maintained, 24 V DC, 1 C, Screw terminal, round, Stainless steel, Red, Standby, Silver

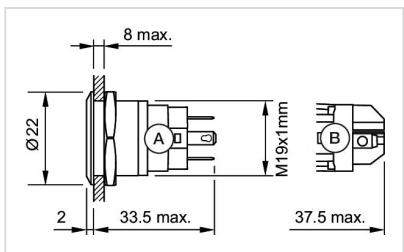
Mounting cut-outs:



Wiring diagrams:



Dimension drawings:



A = Solder terminal
B = Screw terminal

Component layouts:

