

Illuminated pushbutton Ø 22 mm silver contact

82-6151.1114.B002



<https://eao.com/p/82-6151.1114.B002>

Your product:



82-6151.1114.B002
Illuminated pushbutton Ø
22 mm silver contact

FRONT

Front bezel material:	Stainless steel
Front form:	round
Front dimension:	Ø 25 mm
Front bezel shape:	flush

MOUNTING

Mounting type:	Panel mounting
Mounting cut-out:	Ø 22 mm

OPERATING-/INDICATION PART

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

ELECTRICAL CHARACTERISTICS

Operation current:	7 mA
Pollution degree:	2, according to EN IEC 60947-1

Thermal current I_{th}:	5 A			
Operating voltage:	24 V AC/DC			
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			
Rated Operational Voltage U_e:	250 VAC			
Electrical lifetime:	50 000 cycles of operation			
Electric strength:	1500 VAC, 50 Hz 1 minute between life terminals and ground			
Rated insulation voltage U_i:	250 V			
Contacts:	1 C			

MECHANICAL CHARACTERISTIC

Mechanical lifetime:	1 Mio. cycles of operation
Operating Travel:	ca. 3 mm
Operating force:	4 N ... 7 N
Switching action:	Momentary
Weight:	0.018 kg
Switching system:	Snap-action switching element
Tightening torque:	0.5 ... 0.6 Nm
Contact material:	Silver
Terminal:	Soldering terminal, 2.8 x 0.5 mm

AMBIENT CONDITION

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

IP65, IP67

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

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

CERTIFICATE

REACH: REACH compliant

RoHS: RoHS compliant

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

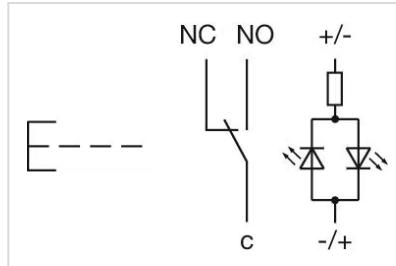
Approbations: CB, CCC, C UL, UL

OTHER

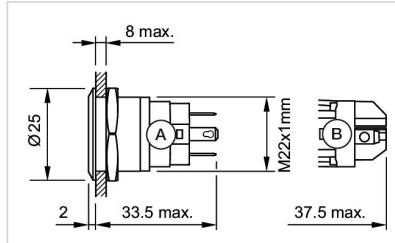
Short Description: Illuminated pushbutton Ø 22 mm silver contact, Momentary, 24 V AC/DC, 1 C, Soldering terminal, 2.8 x 0.5 mm, round, Stainless steel, Red, Standby, Silver

Kind of illumination: Single-LED

Wiring diagrams:

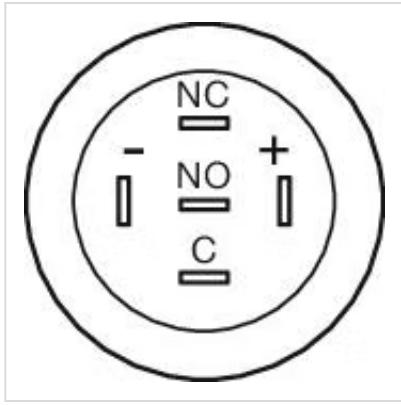


Dimension drawings:



A = Solder terminal
B = Screw terminal

Component layouts:



Mounting cut-outs:

