

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 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	
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 / s ² as per IEC 60068-2-27
Climate resistance:	Damp heat, 21 days according to IEC 60512-11
Storage temperature:	– 40 °C ... + 80 °C

CERTIFICATE

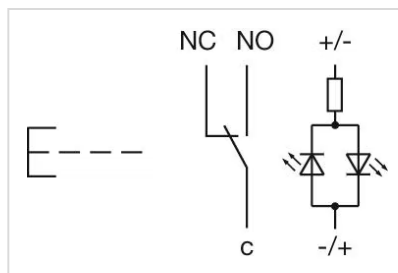
REACH:	REACH compliant
RoHS:	RoHS compliant
Conformities:	CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)
Approbations:	CB, CCC, C UL, UL

OTHER

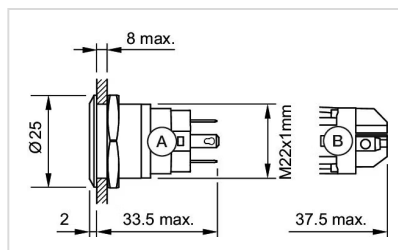
Short Description: Illuminated pushbutton Ø 22 mm silver contact, Momentary, 24 V AC/DC, 1 C, Soldering terminal, 2.8 x 0.5 mm, round, Stainless steel, Red, Standby, Silver

Kind of illumination: Single-LED

Wiring diagrams:

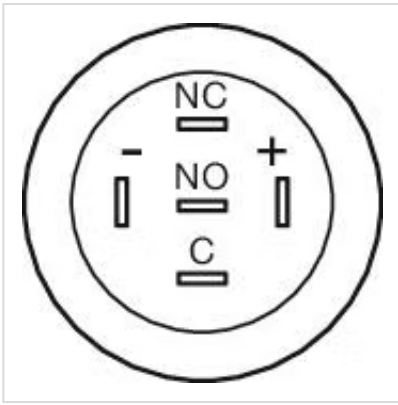


Dimension drawings:



A = Solder terminal
B = Screw terminal

Component layouts:



Mounting cut-outs:

