

Illuminated pushbutton Ø 22 mm silver contact

82-6151.2113



<https://eao.com/p/82-6151.2113>

Your product:



82-6151.2113

Illuminated pushbutton Ø
22 mm silver contact

FRONT

Front bezel material: Stainless steel

Front bezel shape: flush

MOUNTING

Mounting cut-out: Ø 22 mm

OPERATING-/INDICATION PART

Shape of illumination: Ring

Illumination colour: Red

Lens optics: opaque

Lens colour: Silver

Lens shape: flush

Lens material: Stainless steel

Lens illumination: illuminative

ELECTRICAL CHARACTERISTICS

Electric strength: 1500 VAC, 50 Hz 1 minute between life terminals and ground

Contacts: 1 C

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

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		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)		
	cosφ 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 CHARATERISTIC

Mechanical lifetime:	500 000 cycles of operation
Switching action:	Maintained
Terminal:	Soldering terminal, 2.8 x 0.5 mm
Switching system:	Snap-action switching element
Contact material:	Silver
Operating force:	4 N ... 7 N
Weight:	0.018 kg
Operating Travel:	ca. 3 mm
Tightening torque:	0.5 ... 0.6 Nm

AMBIENT CONDITION

Climate resistance:	Damp heat, 21 days according to IEC 60512-11
Operating temperature:	– 30 °C ... + 70 °C
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
Storage temperature:	– 40 °C ... + 80 °C

CERTIFICATE

Approbations:

CB, CCC, C UL, UL

Conformities:

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

OTHER

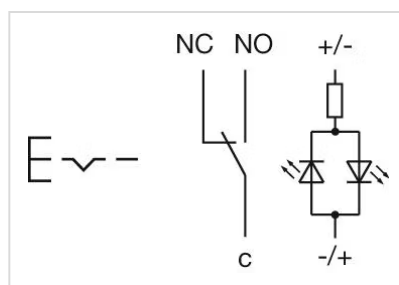
Kind of illumination:

Single-LED

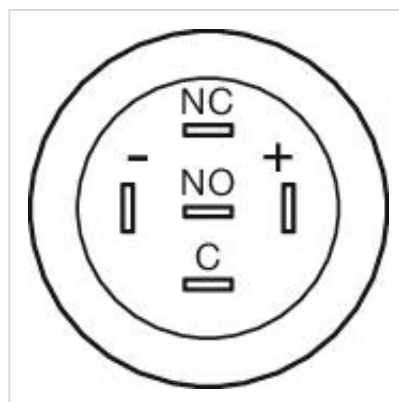
Short Description:

Illuminated pushbutton Ø 22 mm silver contact, Maintained, 12 V AC/DC, 1 C, Soldering terminal, 2.8 x 0.5 mm, Stainless steel, Red, Silver

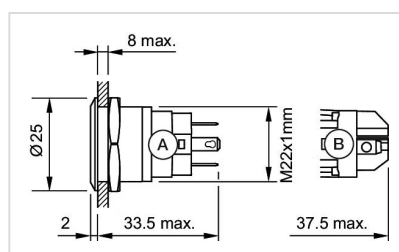
Wiring diagrams:



Component layouts:



Dimension drawings:



A = Solder terminal

B = Screw terminal

Mounting cut-outs:

