

Illuminated pushbutton Ø 22 mm silver contact

82-6152.2113



<https://eao.com/p/82-6152.2113>

Your product:



82-6152.2113

Illuminated pushbutton Ø
22 mm silver contact

FRONT

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

MOUNTING

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

OPERATING-/INDICATION PART

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

ELECTRICAL CHARACTERISTICS

Contacts:	1 C
Electrical lifetime:	50 000 cycles of operation
Thermal current I _{th} :	5 A

Electric strength:	1500 VAC, 50 Hz 1 minute between life terminals and ground		
Rated Operational Voltage Ue:	250 VAC		
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

Pollution degree: 2, according to EN IEC 60947-1

Rated insulation voltage Ui: 250 V

Operation current: 7 mA

Operating voltage: 12 V AC/DC

MECHANICAL CHARATERISTIC

Operating Travel: ca. 3 mm

Switching system: Snap-action switching element

Operating force: 4 N ... 7 N

Tightening torque: 0.5 ... 0.6 Nm, Screw terminal 0.1 Nm

Switching action: Maintained

Mechanical lifetime: 500 000 cycles of operation

Contact material: Silver

Weight: 0.018 kg

Terminal: Screw terminal

AMBIENT CONDITION

IP front protection: IP65, IP67

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

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

Shock resistance: Max. 500 m / s² as per IEC 60068-2-27

CERTIFICATE

REACH: REACH compliant

Approbations: CB, CCC, C UL, UL

RoHS: RoHS compliant

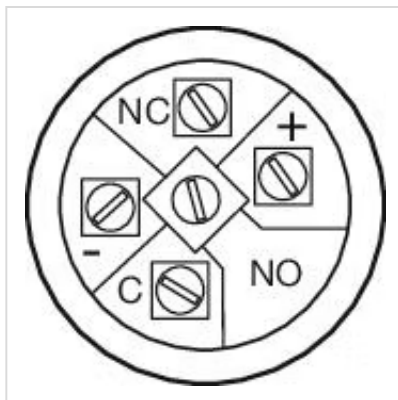
Conformities: CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

OTHER

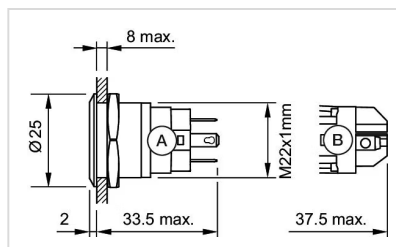
Short Description: Illuminated pushbutton Ø 22 mm silver contact, Maintained, 12 V AC/DC, 1 C, Screw terminal, round, Stainless steel, Red, Silver

Kind of illumination: Single-LED

Component layouts:

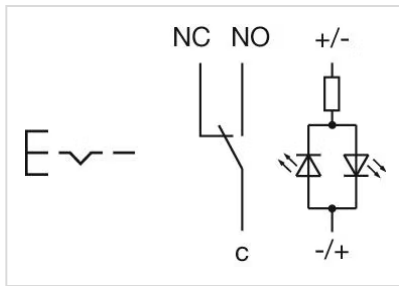


Dimension drawings:



A = Solder terminal
B = Screw terminal

Wiring diagrams:



Mounting cut-outs:

