

Illuminated pushbutton Ø 22 mm silver contact

82-6152.2124.B001



<https://eao.com/p/82-6152.2124.B001>

Your product:



82-6152.2124.B001
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

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

ELECTRICAL CHARACTERISTICS

Electrical lifetime: 50 000 cycles of operation
Rated Operational Voltage Ue: 250 VAC
Pollution degree: 2, according to EN IEC 60947-1
Rated insulation voltage Ui: 250 V
Electric strength: 1500 VAC, 50 Hz 1 minute between life terminals and ground
Operating voltage: 24 V AC/DC

Thermal current I_{th}:	5 A		
Contacts:	1 C		
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		

MECHANICAL CHARATERISTIC

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

AMBIENT CONDITION

Storage temperature:	- 40 °C ... + 80 °C
Climate resistance:	Damp heat, 21 days according to IEC 60512-11
Vibration resistance:	10 ... 500 Hz, amplitude 1.5 mm p-p according to IEC 60068-2-6
Operating temperature:	- 30 °C ... + 70 °C
Shock resistance:	Max. 500 m / s ² as per IEC 60068-2-27

CERTIFICATE

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, Maintained, 24 V AC/DC, 1 C, Screw terminal, Stainless steel, Blue, ON/OFF, Silver

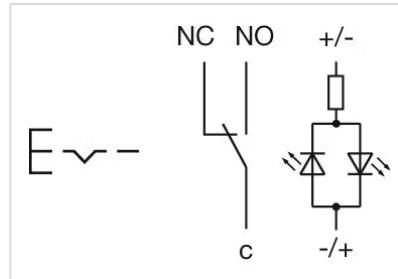
Symbol:

ON/OFF

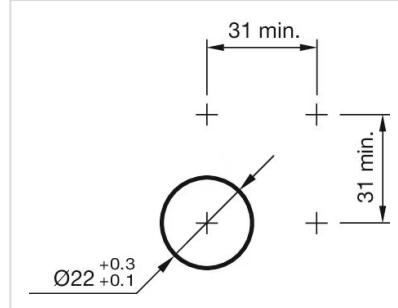
Kind of illumination:

Single-LED

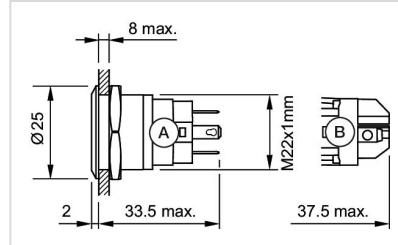
Wiring diagrams:



Mounting cut-outs:



Dimension drawings:



A = Solder terminal
B = Screw terminal

Component layouts:

