

Illuminated pushbutton Ø 22 mm silver contact

82-6151.2133.B001



<https://eao.com/p/82-6151.2133.B001>

Your product:



82-6151.2133.B001
Illuminated pushbutton Ø
22 mm silver contact

FRONT

Front bezel shape:	flush
Front bezel material:	Stainless steel

MOUNTING

Mounting cut-out:	Ø 22 mm
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OPERATING-/INDICATION PART

Illumination colour:	Green
Lens colour:	Silver
Lens optics:	opaque
Symbol:	ON/OFF
Lens material:	Stainless steel
Lens shape:	flush
Shape of illumination:	Ring
Lens illumination:	illuminative

ELECTRICAL CHARACTERISTICS

Operating voltage:	12 V AC/DC
Electrical lifetime:	50 000 cycles of operation
Thermal current I _{th} :	5 A
Contacts:	1 C
Pollution degree:	2, according to EN IEC 60947-1

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

Rated insulation voltage U_i : 250 V

MECHANICAL CHARATERISTIC

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

AMBIENT CONDITION

Operating temperature:	- 30 °C ... + 70 °C
IP front protection:	IP65, IP67
Climate resistance:	Damp heat, 21 days according to IEC 60512-11
Storage temperature:	- 40 °C ... + 80 °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

CERTIFICATE

Conformities:

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

Approbations:

CB, CCC, C UL, UL

OTHER

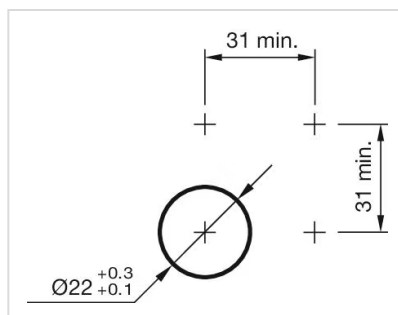
Short Description:

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

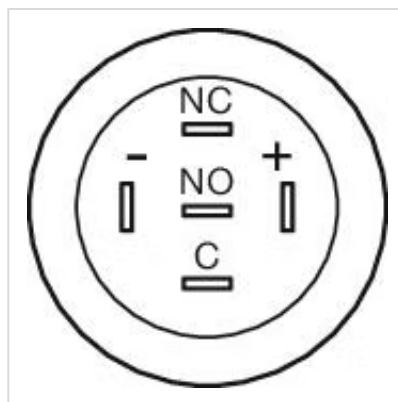
Kind of illumination:

Single-LED

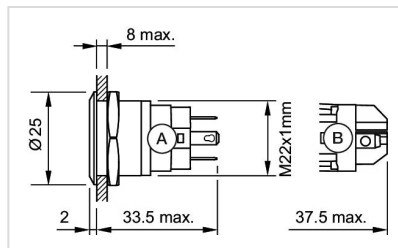
Mounting cut-outs:



Component layouts:



Dimension drawings:



A = Solder terminal
B = Screw terminal

Wiring diagrams:

