

Illuminated pushbutton Ø 22 mm silver contact

82-6552.1123



<https://eao.com/p/82-6552.1123>

Your product:



82-6552.1123

Illuminated pushbutton Ø
22 mm silver contact

FRONT

Front bezel material:	Aluminium
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

Illumination colour:	Blue
Lens shape:	flush
Lens optics:	opaque
Lens colour:	Nature
Shape of illumination:	Ring
Lens material:	Aluminium
Lens illumination:	illuminative

ELECTRICAL CHARACTERISTICS

Rated insulation voltage U_i :	250 V
Thermal current I_{th} :	5 A
Electrical lifetime:	50 000 cycles of operation

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)	
$\cos\phi$ 0,75 ... 0,8	
Voltage	Current
120 VAC	5 A
240 VAC	3 A
24 VAC	1 A

Contacts:	1 C
Operating voltage:	12 V AC/DC
Operation current:	7 mA
Electric strength:	1500 VAC, 50 Hz 1 minute between life terminals and ground
Pollution degree:	2, according to EN IEC 60947-1

MECHANICAL CHARATERISTIC

Switching action:	Momentary
Contact material:	Silver
Operating Travel:	ca. 3 mm
Tightening torque:	0.5 ... 0.6 Nm
Operating force:	4 N ... 7 N
Switching system:	Snap-action switching element
Terminal:	Screw terminal
Weight:	0.018 kg

AMBIENT CONDITION

IP front protection:	IP65, IP67
Operating temperature:	– 30 °C ... + 70 °C
Storage temperature:	– 40 °C ... + 80 °C
Shock resistance:	

Max. 500 m / s² as per IEC 60068-2-27

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

CERTIFICATE

Approbations: CB, CCC, C UL, UL

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

REACH: REACH compliant

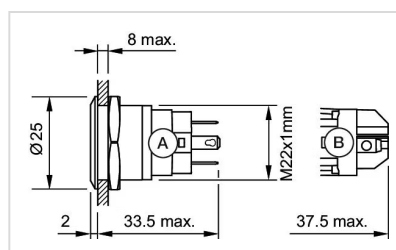
RoHS: RoHS compliant

OTHER

Short Description: Illuminated pushbutton Ø 22 mm silver contact, Momentary, 12 V AC/DC, 1 C, Screw terminal, round, Aluminium, Blue, Nature

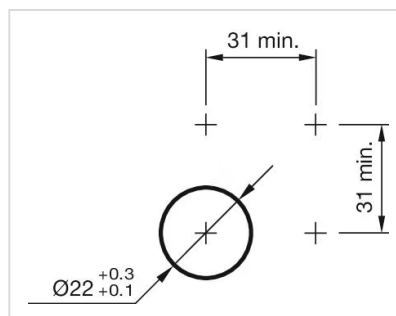
Kind of illumination: Single-LED

Dimension drawings:

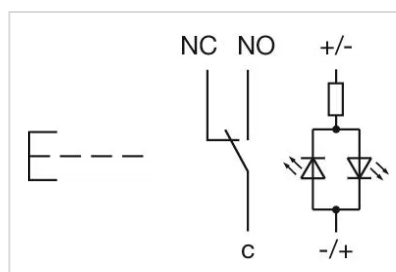


A = Solder terminal
B = Screw terminal

Mounting cut-outs:



Wiring diagrams:



Component layouts:

