

Pushbutton Ø 16 mm silver contact

82-4552.1000



<https://eao.com/p/82-4552.1000>

Your product:



82-4552.1000

Pushbutton Ø 16 mm silver contact

FRONT

Front form:	round
Front bezel material:	Aluminium
Front dimension:	Ø 18 mm
Front bezel shape:	flush

MOUNTING

Mounting type:	Panel mounting
Mounting cut-out:	Ø 16 mm

OPERATING-/INDICATION PART

Lens illumination:	non illuminative
Lens optics:	opaque
Lens colour:	Nature
Lens material:	Aluminium
Lens shape:	flush

ELECTRICAL CHARACTERISTICS

Electrical lifetime:	50 000 cycles of operation
Thermal current I _{th} :	5 A
Rated insulation voltage U _i :	250 V
Pollution degree:	2, according to EN IEC 60947-1
Rated Operational Voltage U _e :	250 VAC

Contacts:	1 C		
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 24 VAC 35 VAC 110 VAC 220 VAC Switch rating DC service categorie DC-13 (Silver contacts) Voltage 24 VDC 35 VDC 110 VDC 220 VDC	Current 1 A 1 A (M12 versio 1 A 0.5 A Current 0.7 A 0.5 A (M12 vers 0.2 A 0.1 A	
	according to UL 508 (Silver contacts) $\cos\phi$ 0,75 ... 0,8 Voltage 120 VAC 240 VAC 24 VAC	Current 5 A 3 A 1 A	

MECHANICAL CHARATERISTIC

Operating force:	4 N ... 7 N
Tightening torque:	0.5 ... 0.6 Nm, Screw terminal 0.1 Nm
Operating Travel:	ca. 3 mm
Weight:	0.018 kg
Terminal:	Screw terminal
Mechanical lifetime:	1 Mio. cycles of operation
Contact material:	Silver
Switching system:	Snap-action switching element
Switching action:	Momentary

AMBIENT CONDITION

IP front protection:	IP65, IP67
Vibration resistance:	10 ... 500 Hz, amplitude 1.5 mm p-p according to IEC 60068-2-6
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
Operating temperature:	- 30 °C ... + 70 °C

CERTIFICATE

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

REACH: REACH compliant

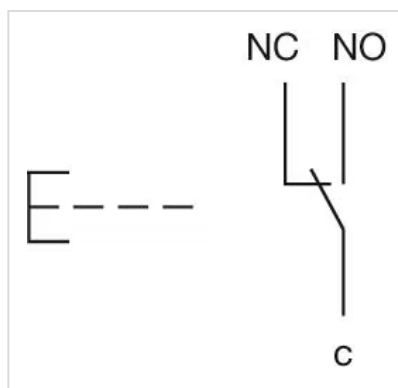
RoHS: RoHS compliant

Approbations: CB, CCC, C UL, UL

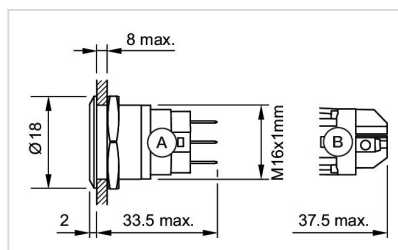
OTHER

Short Description: Pushbutton Ø 16 mm silver contact, Momentary, 1 C, Screw terminal, round, Aluminium, Nature

Wiring diagrams:

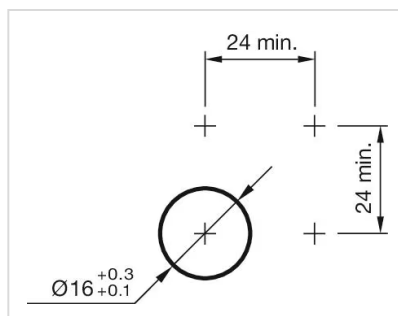


Dimension drawings:



A = Solder terminal
B = Screw terminal

Mounting cut-outs:



Component layouts:

