

Pushbutton Ø 16 mm silver contact

82-4151.1000

Distribution by
Mouser



<https://mouser.eao.com/p/82-4151.1000>

Your product:



82-4151.1000

Pushbutton Ø 16 mm silver contact

FRONT

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

MOUNTING

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

OPERATING-/INDICATION PART

Lens colour:	Silver
Lens material:	Stainless steel
Lens illumination:	non illuminative
Lens shape:	flush
Lens optics:	opaque

ELECTRICAL CHARACTERISTICS

Contacts:	1 C
Rated Operational Voltage U _e :	250 VAC
Rated insulation voltage U _i :	250 V
Electrical lifetime:	50 000 cycles of operation
Electric strength:	1500 VAC, 50 Hz 1 minute between life terminals and ground

Pollution degree:	2, according to EN IEC 60947-1
Thermal current I_{th}:	5 A

MECHANICAL CHARACTERISTIC

Terminal:	Soldering terminal, 2.8 x 0.5 mm
Contact material:	Silver
Switching action:	Momentary
Switching system:	Snap-action switching element
Mechanical lifetime:	1 Mio. cycles of operation
Operating force:	4 N ... 7 N
Operating Travel:	ca. 3 mm
Tightening torque:	0.5 ... 0.6 Nm
Weight:	0.018 kg

AMBIENT CONDITION

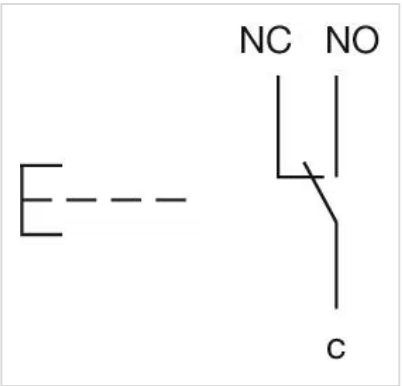
IP front protection:	IP65, IP67
Operating temperature:	– 30 °C ... + 70 °C
Storage temperature:	– 40 °C ... + 80 °C
Shock resistance:	Max. 500 m / s ² as per IEC 60068-2-27
Vibration resistance:	10 ... 500 Hz, amplitude 1.5 mm p-p according to IEC 60068-2-6
Climate resistance:	Damp heat, 21 days according to IEC 60512-11

CERTIFICATE

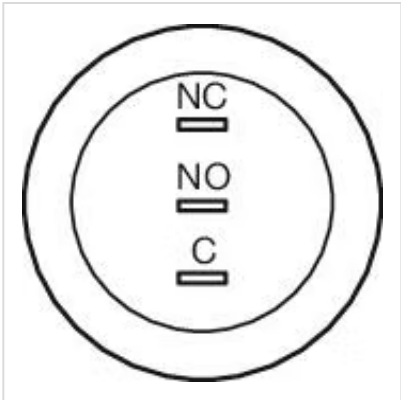
Approbations:	CB, CCC, C UL, UL
Conformities:	CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)
REACH:	REACH compliant
RoHS:	RoHS compliant

OTHER

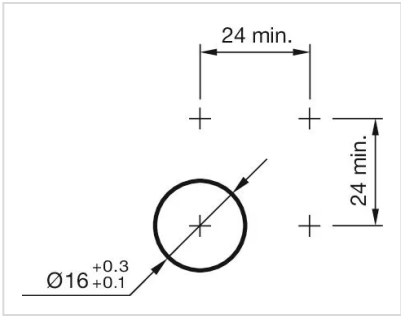
Short Description:	Pushbutton Ø 16 mm silver contact, Momentary, 1 C, Soldering terminal, 2.8 x 0.5 mm, round, Stainless steel, Silver
Wiring diagrams:	



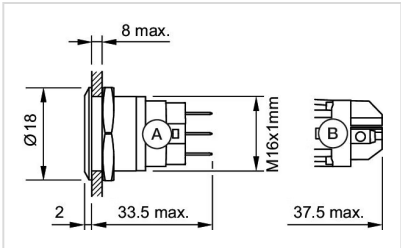
Component layouts:



Mounting cut-outs:



Dimension drawings:



A = Solder terminal
B = Screw terminal

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