

Illuminated pushbutton Ø 16 mm silver contact

82-4152.1124



<https://eao.com/p/82-4152.1124>

Your product:



82-4152.1124
Illuminated pushbutton Ø
16 mm silver contact

FRONT

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

MOUNTING

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

OPERATING-/INDICATION PART

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

ELECTRICAL CHARACTERISTICS

Operation current:	7 mA
Rated Operational Voltage Ue:	250 VAC
Operating voltage:	24 V AC/DC

Contacts:	1 C
Thermal current I_{th}:	5 A
Rated insulation voltage U_i:	250 V
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
Electrical lifetime:	50 000 cycles of operation
Pollution degree:	2, according to EN IEC 60947-1

MECHANICAL CHARACTERISTIC

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

AMBIENT CONDITION

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
Operating temperature:	

– 30 °C ... + 70 °C

IP front protection: IP65, IP67

Storage temperature: – 40 °C ... + 80 °C

Shock resistance: Max. 500 m / s² as per IEC 60068-2-27

CERTIFICATE

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

REACH: REACH compliant

RoHS: RoHS compliant

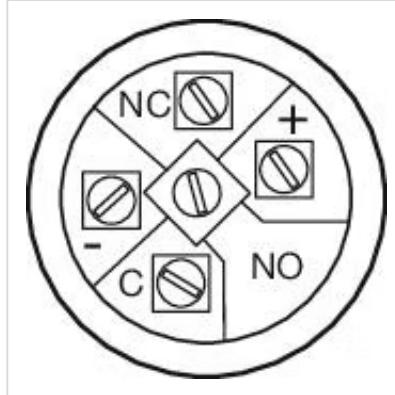
Approbations: CB, CCC, C UL, UL

OTHER

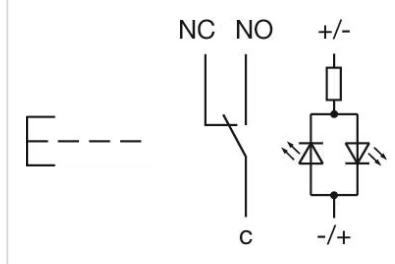
Short Description: Illuminated pushbutton Ø 16 mm silver contact, Momentary, 24 V AC/DC, 1 C, Screw terminal, round, Stainless steel, Blue, Silver

Kind of illumination: Single-LED

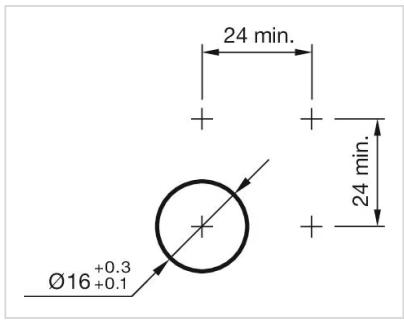
Component layouts:



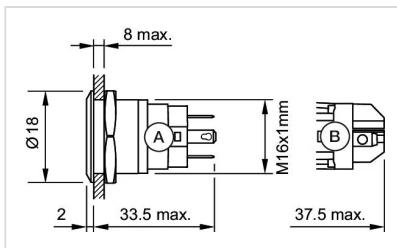
Wiring diagrams:



Mounting cut-outs:



Dimension drawings:



A = Solder terminal
B = Screw terminal