

Illuminated pushbutton Ø 16 mm silver contact

82-4551.2114



<https://eao.com/p/82-4551.2114>

Your product:



82-4551.2114

Illuminated pushbutton Ø
16 mm silver contact

FRONT

Front bezel material: Aluminium

Front bezel shape: flush

MOUNTING

Mounting cut-out: Ø 16 mm

OPERATING-/INDICATION PART

Lens colour: Nature

Illumination colour: Red

Lens material: Aluminium

Lens shape: flush

Lens illumination: illuminative

Shape of illumination: Ring

Lens optics: opaque

ELECTRICAL CHARACTERISTICS

Operating voltage: 24 V AC/DC

**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 version)
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 version)
110 VDC	0.2 A
220 VDC	0.1 A

according to UL 508 (Silver contacts)	
cosφ 0,75 ... 0,8	
Voltage	Current
120 VAC	5 A
240 VAC	3 A
24 VAC	1 A

Pollution degree:	2, according to EN IEC 60947-1
Electric strength:	1500 VAC, 50 Hz 1 minute between life terminals and ground
Thermal current Ith:	5 A
Rated Operational Voltage Ue:	250 VAC
Electrical lifetime:	50 000 cycles of operation
Rated insulation voltage Ui:	250 V
Contacts:	1 C

MECHANICAL CHARATERISTIC

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

AMBIENT CONDITION

Vibration resistance:	10 ... 500 Hz, amplitude 1.5 mm p-p according to IEC 60068-2-6
Operating temperature:	

– 30 °C ... + 70 °C

Shock resistance:

Max. 500 m / s² as per IEC 60068-2-27

Storage temperature:

– 40 °C ... + 80 °C

Climate resistance:

Damp heat, 21 days according to IEC 60512-11

CERTIFICATE

Conformities:

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

Approbations:

CB, CCC, C UL, UL

OTHER

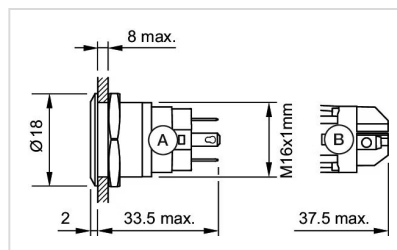
Kind of illumination:

Single-LED

Short Description:

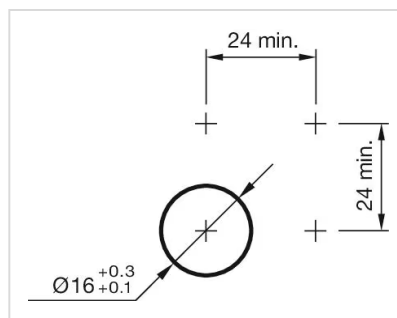
Illuminated pushbutton Ø 16 mm silver contact, Maintained, 24 V AC/DC, 1 C, Soldering terminal, 2.8 x 0.5 mm, Aluminium, Red, Nature

Dimension drawings:

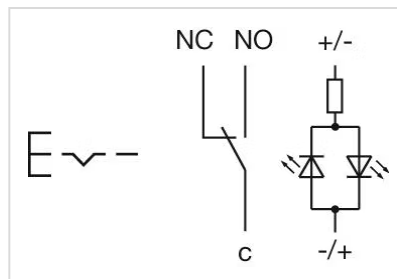


A = Solder terminal
B = Screw terminal

Mounting cut-outs:



Wiring diagrams:



Component layouts:

