

Illuminated pushbutton Ø 16 mm silver contact

82-4551.1114



<https://eao.com/p/82-4551.1114>

Your product:



82-4551.1114

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

Illumination colour: Red

Lens material: Aluminium

Shape of illumination: Ring

Lens illumination: illuminative

Lens shape: flush

Lens optics: opaque

Lens colour: Nature

ELECTRICAL CHARACTERISTICS

Electrical lifetime: 50 000 cycles of operation

**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

Current

1 A

1 A (M12 version)

1 A

0.5 A

Switch rating DC service categorie DC-13 (Silver contacts)

Voltage

24 VDC

35 VDC

110 VDC

220 VDC

Current

0.7 A

0.5 A (M12 version)

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

Thermal current Ith:	5 A
Electric strength:	1500 VAC, 50 Hz 1 minute between life terminals and ground
Contacts:	1 C
Rated insulation voltage Ui:	250 V
Operating voltage:	24 V AC/DC
Pollution degree:	2, according to EN IEC 60947-1
Rated Operational Voltage Ue:	250 VAC

MECHANICAL CHARACTERISTIC

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

AMBIENT CONDITION

IP front protection:	IP65, IP67
Operating temperature:	

– 30 °C ... + 70 °C

Shock resistance:

Max. 500 m / s² 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

Storage temperature:

– 40 °C ... + 80 °C

CERTIFICATE

Conformities:

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

Approbations:

CB, CCC, C UL, UL

OTHER

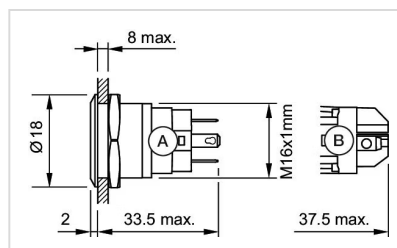
Kind of illumination:

Single-LED

Short Description:

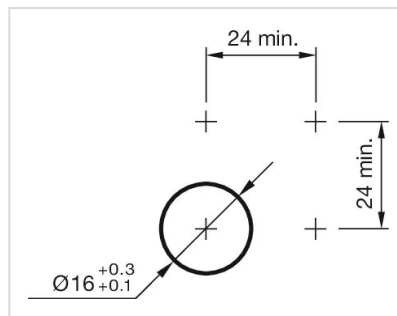
Illuminated pushbutton Ø 16 mm silver contact, Momentary, 24 V AC/DC, 1 C, Soldering terminal, 2.8 x 0.5 mm, Aluminium, Red, Nature

Dimension drawings:

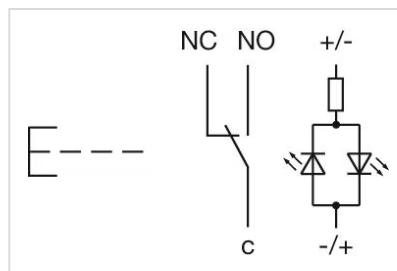


A = Solder terminal
B = Screw terminal

Mounting cut-outs:



Wiring diagrams:



Component layouts:

