

Illuminated pushbutton Ø 16 mm silver contact

82-4552.1113



<https://eao.com/p/82-4552.1113>

Your product:



82-4552.1113
Illuminated pushbutton Ø
16 mm silver contact

FRONT

Front bezel shape: flush
Front bezel material: Aluminium

MOUNTING

Mounting cut-out: Ø 16 mm

OPERATING-/INDICATION PART

Lens illumination: illuminative
Lens colour: Nature
Lens material: Aluminium
Lens shape: flush
Illumination colour: Red
Lens optics: opaque
Shape of illumination: Ring

ELECTRICAL CHARACTERISTICS

Contacts: 1 C
Operating voltage: 12 V AC/DC
Pollution degree: 2, according to EN IEC 60947-1
Rated Operational Voltage Ue: 250 VAC
Thermal current Ith: 5 A
Electrical lifetime: 50 000 cycles of operation

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		
Rated insulation voltage Ui:	250 V		

MECHANICAL CHARACTERISTIC

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

AMBIENT CONDITION

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

CERTIFICATE

Conformities:

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

Approbations:

CB, CCC, C UL, UL

OTHER

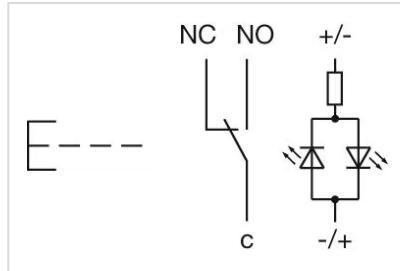
Short Description:

Illuminated pushbutton Ø 16 mm silver contact, Momentary, 12 V AC/DC, 1 C, Screw terminal, Aluminium, Red, Nature

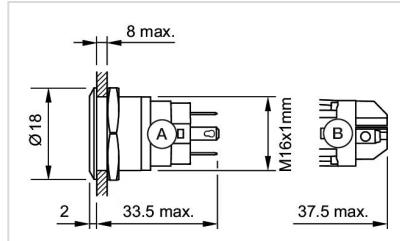
Kind of illumination:

Single-LED

Wiring diagrams:

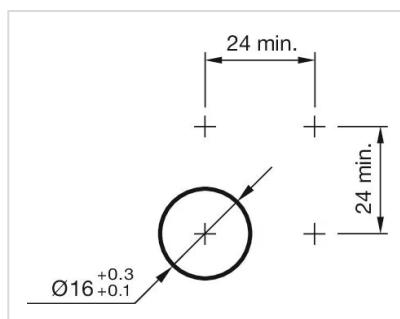


Dimension drawings:



A = Solder terminal
B = Screw terminal

Mounting cut-outs:



Component layouts:

