

Illuminated pushbutton Ø 19 mm silver contact

82-5551.1113



<https://eao.com/p/82-5551.1113>

Your product:



82-5551.1113

Illuminated pushbutton Ø
19 mm silver contact

FRONT

Front bezel material: Aluminium

MOUNTING

Mounting cut-out: Ø 19 mm

OPERATING-/INDICATION PART

Shape of illumination: Ring

Lens colour: Nature

Lens illumination: illuminative

Illumination colour: Red

Lens shape: flush

Lens optics: opaque

Lens material: Aluminium

ELECTRICAL CHARACTERISTICS

Operating voltage: 12 V AC/DC

Electrical lifetime: 50 000 cycles of operation

Pollution degree: 2, according to EN IEC 60947-1

Thermal current I_{th}: 5 A

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

Rated insulation voltage Ui:	250 V
Electric strength:	1500 VAC, 50 Hz 1 minute between life terminals and ground
Contacts:	1 C
Rated Operational Voltage Ue:	250 VAC

MECHANICAL CHARACTERISTIC

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

AMBIENT CONDITION

Shock resistance:	Max. 500 m / s ² as per IEC 60068-2-27
Operating temperature:	– 30 °C ... + 70 °C
Storage temperature:	– 40 °C ... + 80 °C
Vibration resistance:	10 ... 500 Hz, amplitude 1.5 mm p-p according to IEC 60068-2-6
Climate resistance:	

CERTIFICATE

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

OTHER

Short Description: Illuminated pushbutton Ø 19 mm silver contact, Momentary, 12 V AC/DC, 1 C, Soldering terminal, 2.8 x 0.5 mm, Aluminium, Red, Nature

Figure 1 shows a circular feature with a diameter of $\varnothing 19^{+0.3}_{-0.1}$ mm. The feature is positioned 27 mm from the top edge and 27 mm from the right edge of the part.

Technical drawing of the M19x1mm connector. The side view shows a total length of 37.5 max. mm, with a mounting flange of 8 max. mm and a main body of 33.5 max. mm. The diameter of the main body is Ø22 mm. The front view shows a circular connector with a central pin and a ground ring, labeled with 'A' and 'B' respectively.

Wiring diagrams:

