

Illuminated pushbutton Ø 19 mm silver contact

82-5152.21A4

Distribution by
Mouser



<https://mouser.eao.com/p/82-5152.21A4>

Your product:



82-5152.21A4

Illuminated pushbutton Ø
19 mm silver contact

FRONT

| | |
|-----------------------|-----------------|
| Front dimension: | Ø 22 mm |
| Front form: | round |
| Front bezel material: | Stainless steel |
| Front bezel shape: | flush |

MOUNTING

| | |
|-------------------|----------------|
| Mounting cut-out: | Ø 19 mm |
| Mounting type: | Panel mounting |

OPERATING-/INDICATION PART

| | |
|------------------------|-----------------|
| Lens colour: | Silver |
| Lens material: | Stainless steel |
| Lens illumination: | illuminative |
| Lens shape: | flush |
| Lens optics: | opaque |
| Illumination colour: | Red / Green |
| Shape of illumination: | Ring |

ELECTRICAL CHARACTERISTICS

| | |
|--------------------|---------|
| Contacts: | 1 C |
| Operating voltage: | 24 V DC |
| Operation current: | 7 mA |

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 Operational Voltage Ue:

250 VAC

Rated insulation voltage Ui:

250 V

Electrical lifetime:

50 000 cycles of operation

Electric strength:

1500 VAC, 50 Hz 1 minute between life terminals and ground

Pollution degree:

2, according to EN IEC 60947-1

Thermal current Ith:

5 A

MECHANICAL CHARACTERISTIC**Terminal:**

Screw terminal

Contact material:

Silver

Switching action:

Maintained

Switching system:

Snap-action switching element

Mechanical lifetime:

500 000 cycles of operation

Operating force:

4 N ... 7 N

Operating Travel:

ca. 3 mm

Tightening torque:

0.5 ... 0.6 Nm, Screw terminal 0.1 Nm

Weight:

0.018 kg

AMBIENT CONDITION**IP front protection:**

IP65, IP67

Operating temperature:

– 30 °C ... + 70 °C

Storage temperature:

– 40 °C ... + 80 °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

CERTIFICATE

Approbations:

CB, CCC, C UL, UL

Conformities:

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

REACH:

REACH compliant

RoHS:

RoHS compliant

OTHER

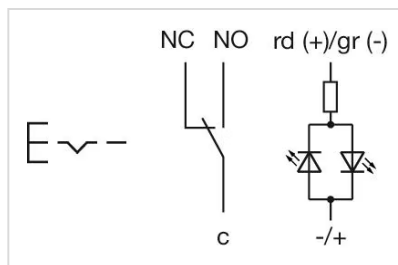
Short Description:

Illuminated pushbutton Ø 19 mm silver contact, Maintained, 24 V DC, 1 C, Screw terminal, round, Stainless steel, Red / Green, Silver

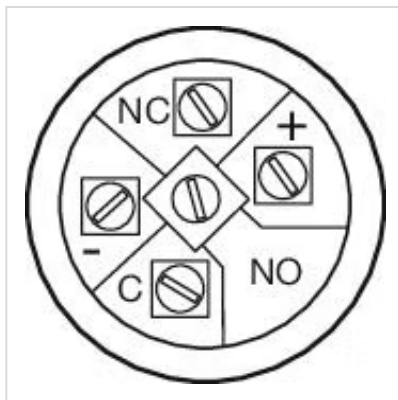
Kind of illumination:

Bi-colour-LED

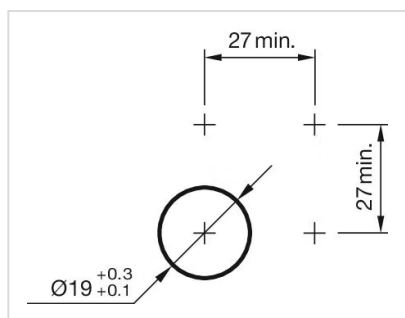
Wiring diagrams:



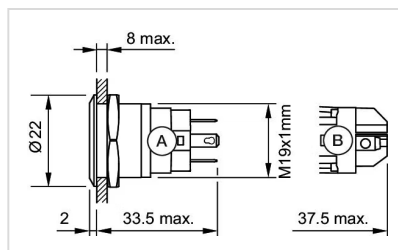
Component layouts:



Mounting cut-outs:



Dimension drawings:



A = Solder terminal
B = Screw terminal

Mouser Electronics

Authorized Distributor

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