

Indicator 16 mm

82-4551.0123

Distribution by
Mouser



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Your product:



82-4551.0123 Indicator 16 mm

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FRONT

| | |
|------------------------------|-----------|
| Front dimension: | Ø 18 mm |
| Front form: | Round |
| Front bezel material: | Aluminium |
| Front bezel shape: | Flush |

MOUNTING

| | |
|--------------------------|----------------|
| Mounting cut-out: | Ø 16 mm |
| Mounting type: | Panel mounting |

OPERATING-/INDICATION PART

| | |
|-------------------------------|-------------|
| Lens colour: | Nature |
| Lens material: | Aluminium |
| Lens illumination: | Illuminated |
| Lens shape: | Flush |
| Lens optics: | opaque |
| Illumination colour: | Blue |
| Shape of illumination: | Ring |

ELECTRICAL CHARACTERISTICS

| | | |
|---|--|---------|
| Switching voltage and switching current: | 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 |

according to IEC 60947-5-1 (Silver contacts)

Service categorie AC-15

Voltage

24 VAC

35 VAC

110 VAC

220 VAC

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

Voltage

24 VDC

35 VDC

110 VDC

220 VDC

Current

1 A

1 A (M12 version)

1 A

0.5 A

Current

0.7 A

0.5 A (M12 version)

0.2 A

0.1 A

| | |
|--|--|
| Operating voltage: | 12 V AC/DC |
| Operation current: | 7 mA |
| Rated Operational Voltage Ue: | 250 VAC |
| Rated insulation voltage Ui: | 250 V |
| Short circuit protective device: | fuse / 500 V / 5 A / gG |
| Rated short-circuit current caused: | AC: 1 kA DC: 1 kA |
| 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 CHARACTERISTICS

| | |
|---------------------------|----------------------------------|
| Terminal: | Soldering terminal, 2.8 x 0.5 mm |
| Tightening torque: | 0.5 ... 0.6 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 / 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 |
| 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: Indicator 16 mm, 12 V AC/DC, Soldering terminal, 2.8 x 0.5 mm, Round, Aluminium, Blue, Nature

Kind of illumination: Single-LED

Housing size: 16 mm

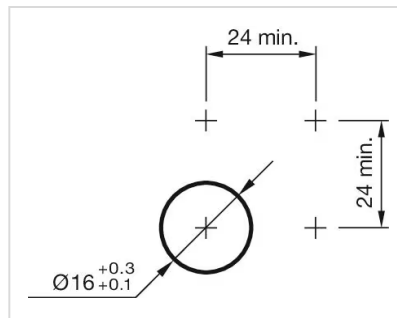
Wiring diagrams:



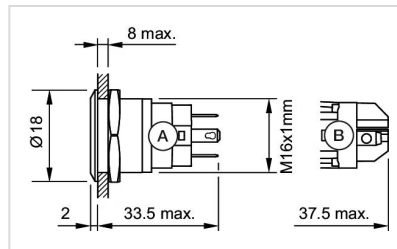
Component layouts:



Mounting cut-outs:



Dimension drawings:



A = Solder terminal
B = Screw terminal