Your Expert Partner for **Human Machine Interfaces**

Indicator 16 mm

Distribution by Newark

82-4151.0123



https://newark.eao.com/component/82-4151.0123...

Your product:



82-4151.0123
Indicator 16 mm

Loading . .

FRONT

Front dimension: Ø 18 mm

Front form: Round

Front bezel material: Stainless steel

Front bezel shape: Flush

MOUNTING

Mounting cut-out: Ø 16 mm

Mounting type: Panel mounting

OPERATING-/INDICATION PART

Lens colour: Silver

Lens material: Stainless steel

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	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

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

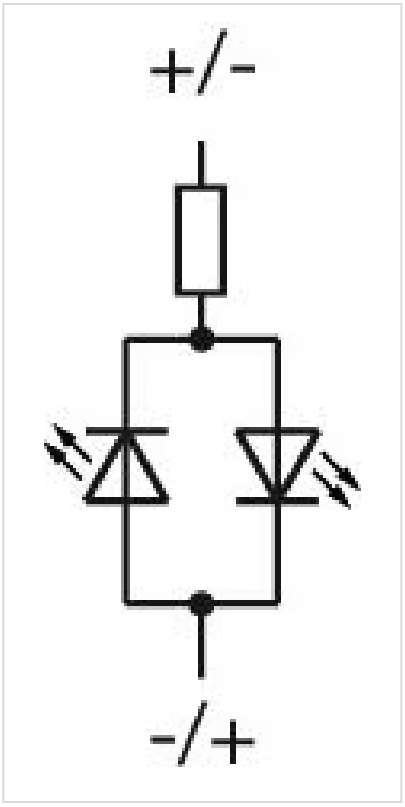
CERTIFICATE

Approbations:	CB, CCC, C UL, UL
Conformities:	CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)
REACH:	REACH compliant
RoHS:	RoHS compliant

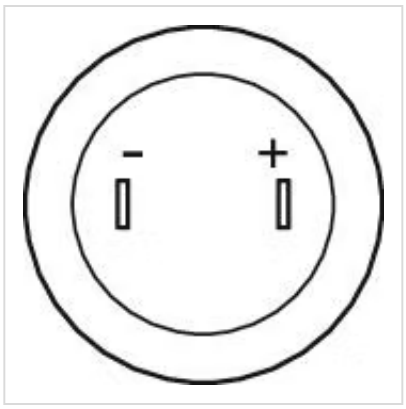
OTHER

Short Description:	Indicator 16 mm, 12 V AC/DC, Soldering terminal, 2.8 x 0.5 mm, Round, Stainless steel, Blue, Silver
Kind of illlumination:	Single-LED
Housing size:	16 mm

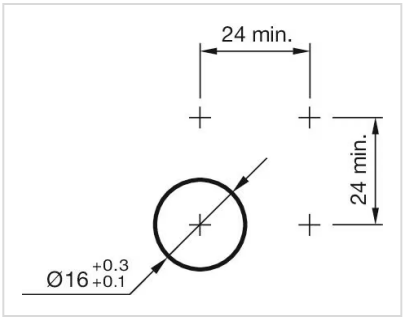
Wiring diagrams:



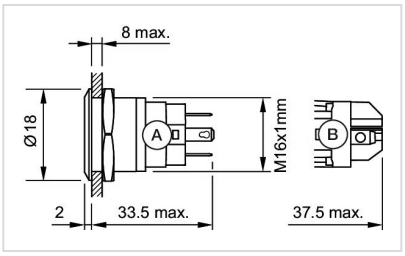
Component layouts:



Mounting cut-outs:



Dimension drawings:



A = Solder terminal
B = Screw terminal