

Indicator 19 mm

82-5551.0133



<https://www.eao.com/component/82-5551.0133/en...>

Your product:



82-5551.0133 Indicator 19 mm

FRONT

Front dimension: Ø 22 mm

Front form: Round

Front bezel material: Aluminium

Front bezel shape: Flush

MOUNTING

Mounting cut-out: Ø 19 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: Green

Shape of illumination: Ring

ELECTRICAL CHARACTERISTICS

Switching voltage and switching current:

according to UL 508 (Silver contacts)	
cos ϕ 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
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 19 mm, 12 V AC/DC, Soldering terminal, 2.8 x 0.5 mm, Round, Aluminium, Green, Nature

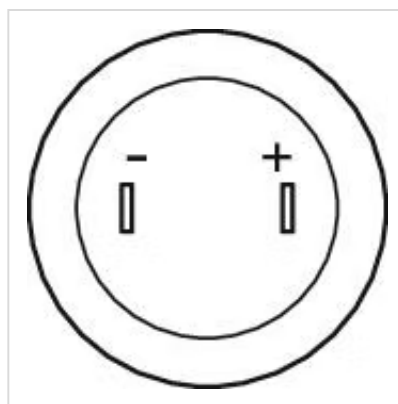
Kind of illumination: Single-LED

Housing size: 19 mm

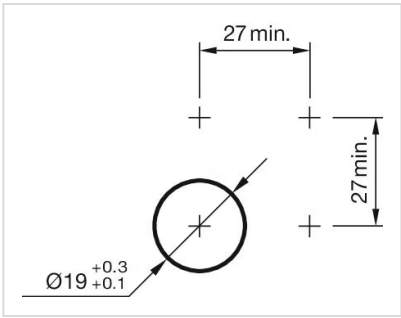
Wiring diagrams:



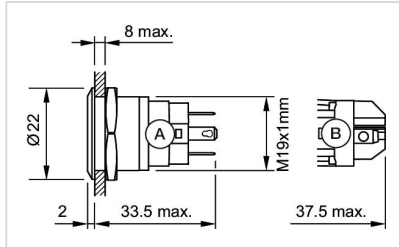
Component layouts:



Mounting cut-outs:



Dimension drawings:



A = Solder terminal
B = Screw terminal