

Actuator

92-443.500 Distribution by DigiKey







Your product:



92-443.500 Actuator

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Front dimension: 18,8 mm x 18,8 mm

Front form: Square

Front bezel colour: Black

Front bezel material: Plastic

MOUNTING

Design: PCB

Mounting type: Panel mounting

OPERATING-/INDICATION PART

Lens colour: Green

Lens material: Plastic

Lens illumination: Illuminated

Lens shape: Flush

Lens optics: transparent

Illumination colour: Green

ELECTRICAL CHARACTERISTICS

Switching voltage and switching

current:

Switching voltage

min. 50 m VAC/DC max. 42 VAC/DC min. 10 μA AC/DC

Switching current

min. 10 μA AC/DC max. 100 mA AC/DC

Power rating max. 2 W

Switching rating: 42 V

Electrical lifetime:

500 000 cycles of operation at 42VDC, 50mA, according to IEC 6512-5-9c

Electric strength: 500 VAC, 50 Hz, 1 minute according to IEC 60512-5-9c

Electrostatic discharge (ESD): 15 kV

MECHANICAL CHARACTERISTICS

Switching action: Momentary

Switching system: Short-travel element

Switching system: Short-travel switching system with 2 independent contact points

Guarantees reliable switching even of very light loads. Fitted with 1 normally open

contact.

Mechanical lifetime: ≥1 Mil. cycles of operation

Operating force: 2.7 N ± 1 N switching element, 5 N lens

Operating Travel: ca. 0.4 mm switching element

Tightening torque: Fixing nut max. 0.5 Nm, Fixing screw mounting flange 0.4 Nm

Weight: 0.003 kg

AMBIENT CONDITION

IP front protection: IP67

IP Protection: IP67 front side

Operating temperature: $-25 \, ^{\circ}\text{C} \, ... + 70 \, ^{\circ}\text{C}$

Storage temperature: $-40 \,^{\circ}\text{C} \dots + 80 \,^{\circ}\text{C}$

Shock resistance: Max. 500 m/s², pulse width, 3-axis (sinusoidal EN IEC 60068-2-27)

Vibration resistance: Max. 100 m / s² from 10 Hz ... 500 Hz, 10 cycles, 3-axis (sinusoidal EN IEC

60068-2-6)

CERTIFICATE

Approbations: CQC

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

REACH: REACH compliant

RoHS: RoHS compliant

OTHER

Short Description: Actuator, 18,8 mm x 18,8 mm, Flush, Illuminated, Green, Plastic, transparent,

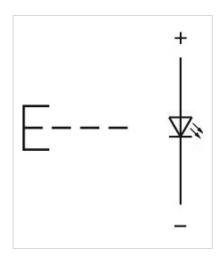
Square, Black, Plastic, Momentary, IP67, Green

Dimension: 18.8 mm x 18.8 mm

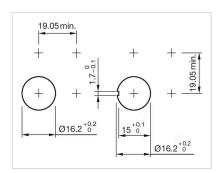
Housing colour: White

Housing material: Plastic

Wiring diagrams:



Mounting cut-outs:



Dimension drawings:

