

# Actuator

92-  
340.000

Distribution by  
Mouser



<https://mouser.eao.com/component/92-340.000/e...>

Your product:



92-340.000  
Actuator

FRONT

|                       |                   |
|-----------------------|-------------------|
| Front dimension:      | 18,4 mm x 18,4 mm |
| Front form:           | Square            |
| Front bezel colour:   | White             |
| Front bezel material: | Plastic           |

MOUNTING

|                |                |
|----------------|----------------|
| Design:        | PCB            |
| Mounting type: | Panel mounting |

OPERATING-/INDICATION PART

|                    |             |
|--------------------|-------------|
| Lens illumination: | Illuminated |
|--------------------|-------------|

ELECTRICAL CHARACTERISTICS

|  |  |                                       |
|--|--|---------------------------------------|
| Switching voltage and switching current: | Switching voltage  | min. 50 m VAC/DC<br>max. 42 VAC/DC    |
|  | Switching current  | min. 10 µA AC/DC<br>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

|                             |   |
|-----------------------------|---|
| <b>Switching action:</b>    | Momentary   |
| <b>Switching system:</b>    | Short-travel element  |
| <b>Switching system:</b>    | Short-travel switching system with 2 independent contact points<br>Guarantees reliable switching even of very light loads. Fitted with 1 normally open contact. |
| <b>Mechanical lifetime:</b> | ≥1 Mil. cycles of operation   |
| <b>Operating force:</b>     | 2.7 N ±1 N switching element, 5 N lens  |
| <b>Operating Travel:</b>    | ca. 0.4 mm switching element  |
| <b>Tightening torque:</b>   | Fixing nut max. 0.5 Nm, Fixing screw mounting flange 0.4 Nm   |
| <b>Weight:</b>              | 0.017 kg  |

## AMBIENT CONDITION

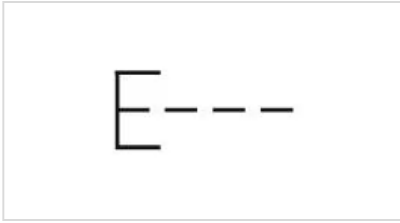
|                               |  |
|-------------------------------|--|
| <b>IP front protection:</b>   | IP67   |
| <b>IP Protection:</b>         | IP67 front side  |
| <b>Operating temperature:</b> | – 25 °C ... + 70 °C  |
| <b>Storage temperature:</b>   | – 40 °C ... + 80 °C  |
| <b>Shock resistance:</b>      | Max. 500 m/s <sup>2</sup> , pulse width, 3-axis (sinusoidal EN IEC 60068-2-27)                     |
| <b>Vibration resistance:</b>  | Max. 100 m / s <sup>2</sup> from 10 Hz ... 500 Hz, 10 cycles, 3-axis (sinusoidal EN IEC 60068-2-6) |

## CERTIFICATE

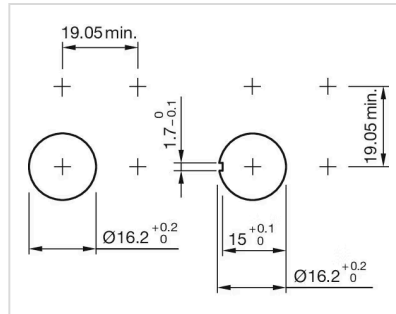
|                      |   |
|----------------------|---|
| <b>Approbations:</b> | CQC   |
| <b>Conformities:</b> | CE, UKCA, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD) |
| <b>REACH:</b>        | REACH compliant                                       |
| <b>RoHS:</b>         | RoHS compliant  |

## OTHER

|                           |   |
|---------------------------|---|
| <b>Short Description:</b> | Actuator, 18,4 mm x 18,4 mm, Illuminated, Square, White, Plastic, Momentary, IP67 |
| <b>Housing colour:</b>    | White   |
| <b>Housing material:</b>  | Plastic   |
| <b>Wiring diagrams:</b>   |   |



**Mounting cut-outs:**



**Dimension drawings:**

