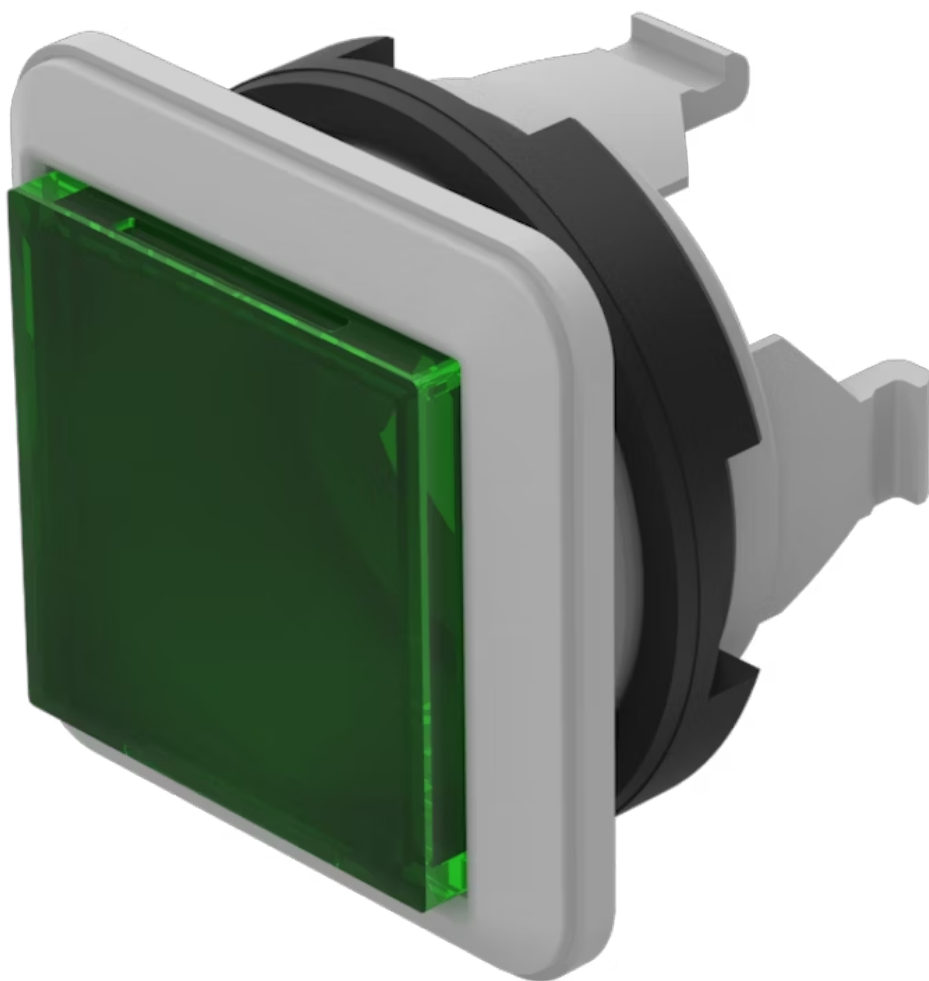


# Actuator

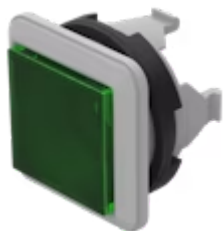
92-  
358.500



<https://eao.com/p/92-358.500>

Your product:

---



## 92-358.500 Actuator

### FRONT

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

### MOUNTING

|         |     |
|---------|-----|
| Design: | PCB |
|---------|-----|

### OPERATING-/INDICATION PART

|                      |              |
|----------------------|--------------|
| Lens material:       | Plastic      |
| Illumination colour: | Green        |
| Lens shape:          | flush        |
| Lens colour:         | Green        |
| Lens illumination:   | illuminative |
| Lens optics:         | transparent  |

### ELECTRICAL CHARACTERISTICS

|                                          |                                                                        |
|------------------------------------------|------------------------------------------------------------------------|
| Electric strength:                       | 500 VAC, 50 Hz, 1 minute according to IEC 60512-5-9c                   |
| Electrical lifetime:                     | 500 000 cycles of operation at 42VDC, 50mA, according to IEC 6512-5-9c |
| Electrostatic discharge (ESD):           | 15 kV                                                                  |
| 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                              |

## MECHANICAL CHARACTERISTIC

|                             |                                                                                                                                                                 |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Switching system:</b>    | Short-travel element                                                                                                                                            |
| <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>Mechanical lifetime:</b> | ≥1 Mio. cycles of operation                                                                                                                                     |
| <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>Tightening torque:</b>   | Fixing nut max. 0.5 Nm, Fixing screw mounting flange 0.4 Nm                                                                                                     |
| <b>Weight:</b>              | 0.003 kg                                                                                                                                                        |
| <b>Switching action:</b>    | Momentary                                                                                                                                                       |

## AMBIENT CONDITION

|                               |                                                                                                    |
|-------------------------------|----------------------------------------------------------------------------------------------------|
| <b>Operating temperature:</b> | – 25 °C ... + 70 °C                                                                                |
| <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) |
| <b>Shock resistance:</b>      | Max. 500 m/s <sup>2</sup> , pulse width, 3-axis (sinusoidal EN IEC 60068-2-27)                     |
| <b>IP Protection:</b>         | IP40 front side                                                                                    |
| <b>Storage temperature:</b>   | – 40 °C ... + 80 °C                                                                                |

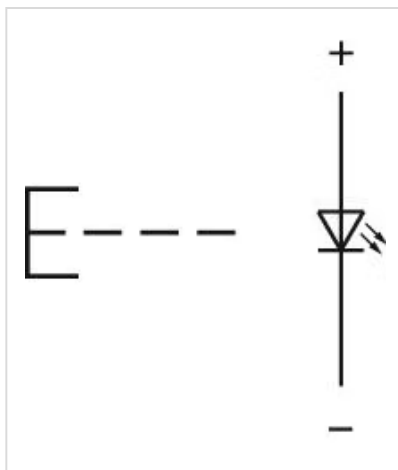
## CERTIFICATE

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

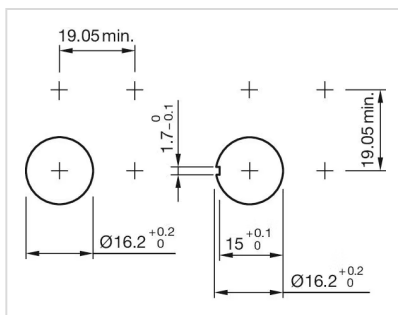
## OTHER

|                           |                                                                                                                         |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------|
| <b>Dimension:</b>         | 18.4 mm x 18.4 mm                                                                                                       |
| <b>Housing material:</b>  | Plastic                                                                                                                 |
| <b>Short Description:</b> | Actuator, 18,4 mm x 18,4 mm, flush, illuminative, Green, Plastic, transparent, square, White, Plastic, Momentary, Green |
| <b>Housing colour:</b>    | White                                                                                                                   |

### Wiring diagrams:



### Mounting cut-outs:



### Dimension drawings:

