

# Actuator

46-  
2531.1K20.000



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2531.1K20.00...](https://www.eao.com/component/46-2531.1K20.00...)

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## 46-2531.1K20.000 Actuator

### FRONT

|                       |         |
|-----------------------|---------|
| Front dimension:      | Ø 50 mm |
| Front form:           | Round   |
| Front bezel colour:   | Yellow  |
| Front bezel material: | Plastic |

### MOUNTING

|                   |                |
|-------------------|----------------|
| Design:           | Raised         |
| Mounting cut-out: | Ø 22.3 mm      |
| Mounting type:    | Panel mounting |

### OPERATING-/INDICATION PART

|                    |                 |
|--------------------|-----------------|
| Lens colour:       | Red             |
| Lens material:     | Plastic         |
| Lens illumination: | Non illuminated |
| Lens shape:        | Mushroom-head   |
| Lens optics:       | opaque          |

### ELECTRICAL CHARACTERISTICS

|                   |    |
|-------------------|----|
| Protection class: | II |
|-------------------|----|

### MECHANICAL CHARACTERISTICS

|                   |           |
|-------------------|-----------|
| Switching action: | Momentary |
|-------------------|-----------|

|                             |                                  |
|-----------------------------|----------------------------------|
| <b>Mechanical lifetime:</b> | 1 Mil. cycles of operation       |
| <b>Tightening torque:</b>   | 2 ... 3 Nm (17.7 ... 26.6 Lb-in) |
| <b>Weight:</b>              | 0.038 kg                         |

## AMBIENT CONDITION

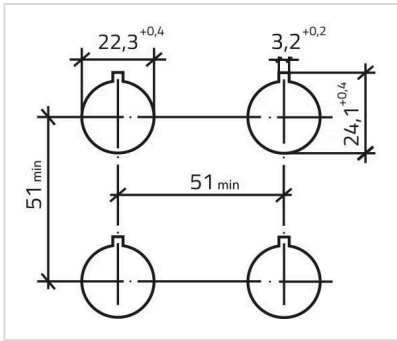
|                               |                                                                |
|-------------------------------|----------------------------------------------------------------|
| <b>IP front protection:</b>   | IP65                                                           |
| <b>IK front protection:</b>   | IK03                                                           |
| <b>Operating temperature:</b> | – 25 °C ... + 55 °C                                            |
| <b>Shock resistance:</b>      | 30g, 18ms (EN-IEC 60068-2-27)<br>50g, 11ms (EN-IEC 60068-2-27) |
| <b>Vibration resistance:</b>  | 5g f= 2...500Hz (EN-IEC 60068-2-6)                             |
| <b>Climate resistance:</b>    | +25°C-97%RH / +45°C-93%RH (IEC-EN60068-2-30)                   |

## CERTIFICATE

|                      |                                                    |
|----------------------|----------------------------------------------------|
| <b>Approbations:</b> | CSA, EAC, UL                                       |
| <b>Conformities:</b> | CE                                                 |
| <b>REACH:</b>        | REACH compliant                                    |
| <b>RoHS:</b>         | RoHS compliant                                     |
| <b>Standards:</b>    | CSA C22-2, IEC EN 60947-1, IEC EN 60947-5-1, UL508 |

## OTHER

|                                           |                                                                                                                                   |
|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| <b>Short Description:</b>                 | Actuator, Ø 22.3 mm, Ø 50 mm, Mushroom-head, Non illuminated, Red, Plastic, opaque, Round, Yellow, Plastic, Momentary, IP65, IK03 |
| <b>Housing colour:</b>                    | Yellow                                                                                                                            |
| <b>Housing material:</b>                  | Plastic                                                                                                                           |
| <b>max. number of switching elements:</b> | 6                                                                                                                                 |
| <b>Mounting cut-outs:</b>                 |                                                                                                                                   |



**Dimension drawings:**

