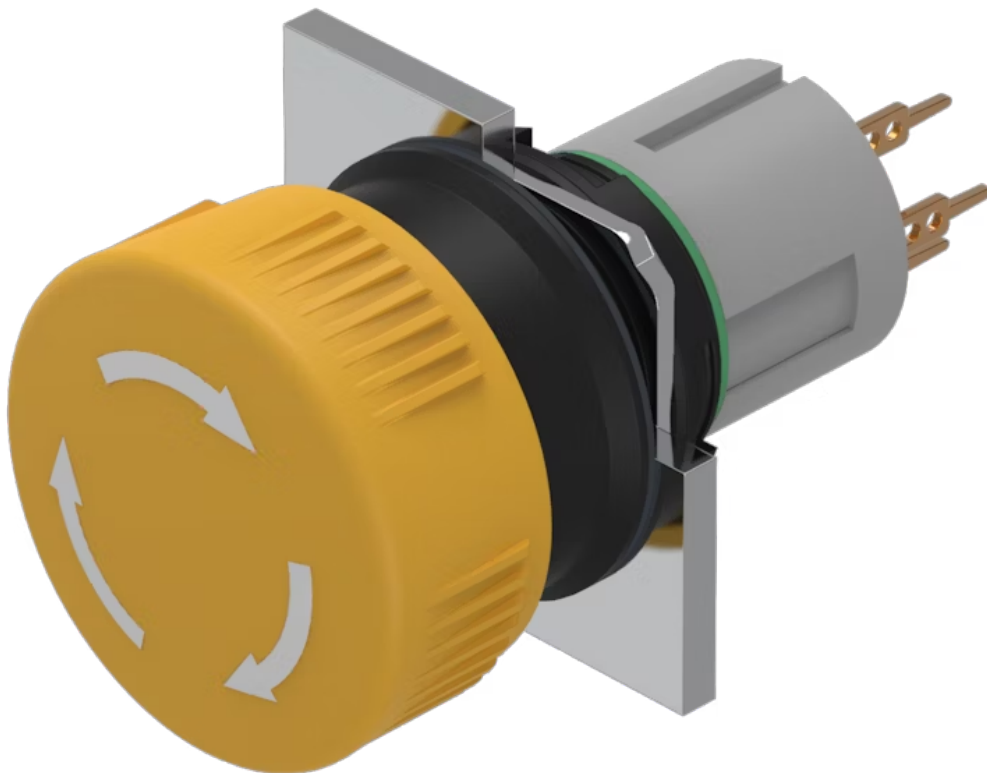


# Actuator

51-  
253.0264

Distribution by  
DigiKey

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<https://digikey.eao.com/p/51-253.0264>

Your product:

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## 51-253.0264 Actuator

### FRONT

**Front dimension:** Ø 24,5 mm

### MOUNTING

**Design:** raised

### OPERATING-/INDICATION PART

**Lens optics:** opaque

**Lens illumination:** non illuminative

**Lens colour:** Yellow

**Lens material:** Plastic

**Lens shape:** mushroom-head

### ELECTRICAL CHARACTERISTICS

**Switching voltage and switching current:** 100 mA at 42 VAC/VDC

**Contacts:** 1 NC / 1 NO

### MECHANICAL CHARATERISTIC

**Terminal:** Universal terminal, 2 x 0.5 mm

**Mechanical lifetime:** 1 Mio. cycles of operation

**Operating Travel:** 3 mm

**Switching action:** Maintained

**Switching system:** This low-level switching element was designed for switching low powers in electronic circuits. The mechanism assures reliable switching of loads ranging from

a few  $\mu\text{A}/\mu\text{V}$  up to 100 mA/ 42 VAC/DC.

Single-break momentary contact, as normally open or normally closed with 4 independent points of contact. 2 momentary contacts per switching element; combination of normally open and normally closed is possible.

Special features are the long life, extremely short rebound time and stable contact resistance.

|                           |                        |
|---------------------------|------------------------|
| <b>Operating force:</b>   | 1,8 ... 3,5 N          |
| <b>Tightening torque:</b> | Fixing nut max. 0.5 Nm |
| <b>Weight:</b>            | 0.011 kg               |
| <b>Contact material:</b>  | Gold                   |
| <b>Switching system:</b>  | Low-level element      |

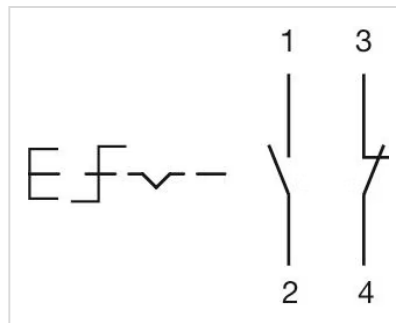
### AMBIENT CONDITION

|                               |                                 |
|-------------------------------|---------------------------------|
| <b>Storage temperature:</b>   | - 40 °C ... + 85 °C             |
| <b>IP front protection:</b>   | IP65, according to DIN EN 60529 |
| <b>Operating temperature:</b> | - 25 °C ... + 55 °C             |

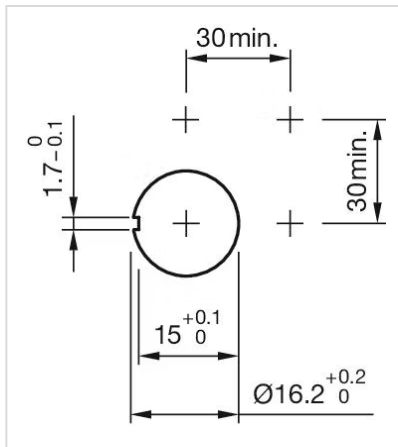
### OTHER

|                           |                                                                                                                                                                         |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Hints:</b>             | Marking arrows                                                                                                                                                          |
| <b>Housing colour:</b>    | Black                                                                                                                                                                   |
| <b>Short Description:</b> | Actuator, Ø 24,5 mm, mushroom-head, non illuminative, Yellow, Plastic, opaque, 1 NC / 1 NO, Maintained, Universal terminal, 2 x 0.5 mm, IP65, according to DIN EN 60529 |

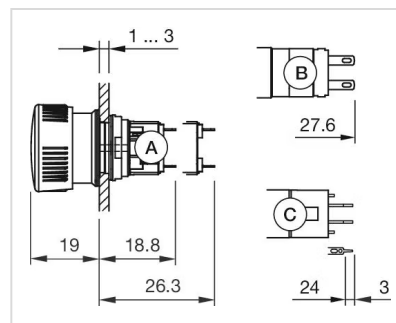
### Wiring diagrams:



### Mounting cut-outs:



# **Dimension drawings:**



- A = Solder terminal
- B = Plug-in terminal  $2.8 \text{ mm} \times 0.5 \text{ mm}$
- C = Universal terminal  $2.0 \text{ mm} \times 0.5 \text{ mm}$