

# Actuator

45-  
280S.1C90.003

Distribution by  
DigiKey

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Your product:

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## 45-280S.1C90.003 Actuator

### FRONT

|                       |           |
|-----------------------|-----------|
| Front dimension:      | Ø 29,5 mm |
| Front form:           | Round     |
| Front bezel colour:   | Black     |
| Front bezel material: | Plastic   |

### MOUNTING

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

### OPERATING-/INDICATION PART

|                 |         |
|-----------------|---------|
| Lever colour:   | White   |
| Lever material: | plastic |
| Lever shape:    | short   |

### MECHANICAL CHARACTERISTICS

|                      |                              |
|----------------------|------------------------------|
| Switching action:    | Momentary - Rest - Momentary |
| Switching positions: | 3 positions                  |
| Switching angle:     | 45° left / 45° right         |
| Mechanical lifetime: | 1 Mil. cycles of operation   |
| Operating frequency: | 1 800/h                      |
| Weight:              | 0.022 kg                     |

## AMBIENT CONDITION

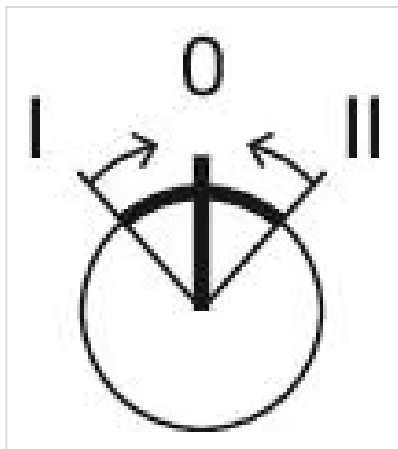
|                               |                                                                |
|-------------------------------|----------------------------------------------------------------|
| <b>IP front protection:</b>   | IP66, IP67, IP69K                                              |
| <b>Operating temperature:</b> | – 25 °C ... + 70 °C                                            |
| <b>Storage temperature:</b>   | – 40 °C ... + 80 °C                                            |
| <b>Shock resistance:</b>      | According to IEC 60068-2-27: Sinusoidal half-wave 50 g / 11 ms |
| <b>Vibration resistance:</b>  | According to IEC 60068-2-6: 10 ... 500 Hz: 5 g                 |
| <b>Climate resistance:</b>    | During operation according to IEC 60721: 3K6, 3C3, 3S2, 3M6    |

## CERTIFICATE

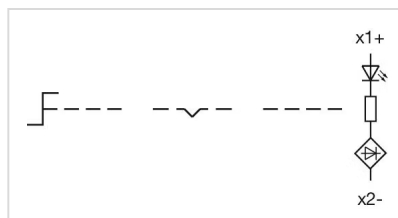
|               |                 |
|---------------|-----------------|
| <b>REACH:</b> | REACH compliant |
| <b>RoHS:</b>  | RoHS compliant  |

## OTHER

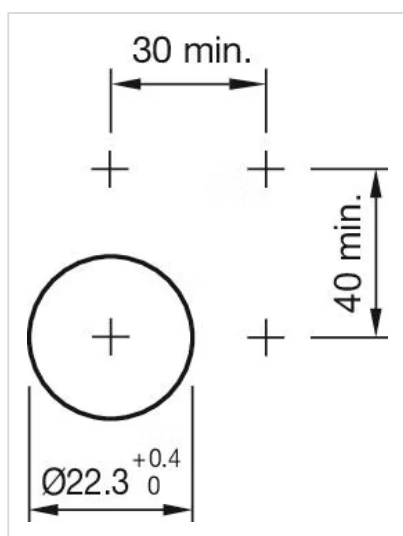
|                             |                                                                                                                                             |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Short Description:</b>   | Actuator, Ø 22.3 mm, Ø 29,5 mm, optional illuminative, White, short, Round, Black, Plastic, Momentary - Rest - Momentary, IP66, IP67, IP69K |
| <b>Housing material:</b>    | Plastic                                                                                                                                     |
| <b>Hints:</b>               | External diameter of the short lever 32.3 mm                                                                                                |
| <b>Switching positions:</b> |                                                                                                                                             |



## Wiring diagrams:



## Mounting cut-outs:



**Dimension drawings:**

