

# Actuator

45-  
2P03.1E10.000

Distribution by  
Mouser



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Your product:

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## 45-2P03.1E10.000 Actuator

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### FRONT

|                              |         |
|------------------------------|---------|
| <b>Front dimension:</b>      | Ø 30 mm |
| <b>Front form:</b>           | Round   |
| <b>Front bezel colour:</b>   | Black   |
| <b>Front bezel material:</b> | Plastic |

### MOUNTING

|                          |                |
|--------------------------|----------------|
| <b>Design:</b>           | Raised         |
| <b>Mounting cut-out:</b> | Ø 22.3 mm      |
| <b>Mounting type:</b>    | Panel mounting |

### ELECTRICAL CHARACTERISTICS

|                            |                   |
|----------------------------|-------------------|
| <b>Operating voltage:</b>  | 300 V DC          |
| <b>Insulation voltage:</b> | Rated value 500 V |
| <b>Power (W):</b>          | 0.5               |
| <b>Resistance:</b>         | 1 kΩ              |

### MECHANICAL CHARACTERISTICS

|                             |   |
|-----------------------------|---|
| <b>Terminal:</b>            | Screw terminal  |
| <b>Mechanical lifetime:</b> | 25 000 turning cycles   |
| <b>Tightening torque:</b>   | 0.8 ... 1 Nm fixing nut   |
| <b>Operating frequency:</b> | 1 800/h   |
| <b>Terminal details 1:</b>  | – With end sleeves 2 x (0.5 ... 0.75 mm <sup>2</sup> )<br>Solid |

**Terminal details 2:**

Finely stranded  
– With end sleeves 2 x (0.5 ... 1.5 mm<sup>2</sup>)  
– Without end sleeves 2 x (0.5 ... 0.75 mm<sup>2</sup>)  
– For AWG cables for auxiliary contacts 2 x (18 ... 14)

**Weight:**

0.04 kg

**AMBIENT CONDITION**

**IP Protection:**

IP20 Terminal, IP65, IP66, IP67 housing

**Operating temperature:**

– 25 °C ... + 70 °C

**Storage temperature:**

– 40 °C ... + 80 °C

**Shock resistance:**

According to IEC 60068-2-27: Sinusoidal half-wave 50 g / 11 ms

**Climate resistance:**

During operation according to IEC 60721: 3K6, 3C3, 3S2, 3M6

**CERTIFICATE**

**REACH:**

REACH compliant

**RoHS:**

RoHS compliant

**OTHER**

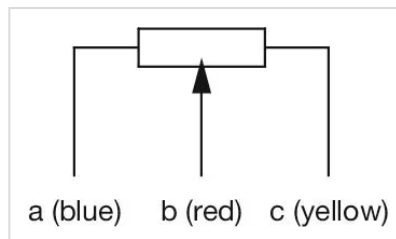
**Short Description:**

Actuator, Ø 22.3 mm, Ø 30 mm, Round, Black, Plastic, Screw terminal

**Housing material:**

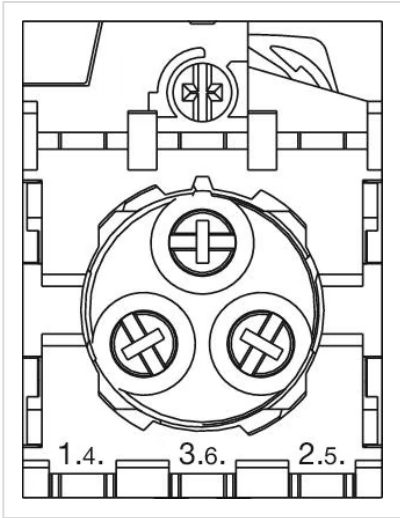
Plastic

**Wiring diagrams:**

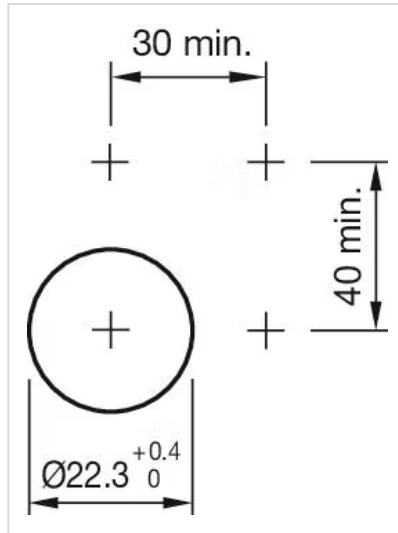


A = blue  
B = red  
C = yellow

**Component layouts:**



**Mounting cut-outs:**



**Dimension drawings:**

