

# Actuator

45-  
2P03.1E10.000

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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> ) 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**

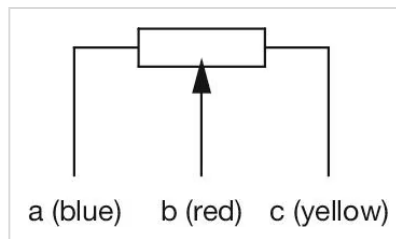
**Short Description:**

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

**Housing material:**

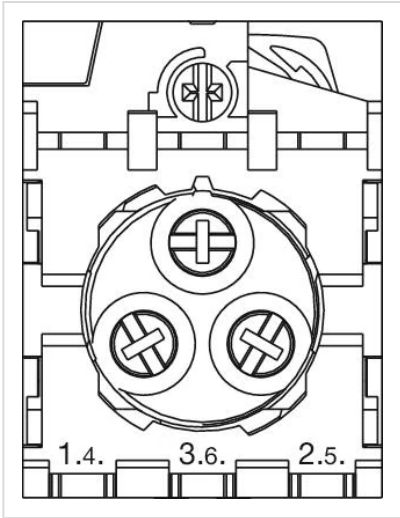
Plastic

**Wiring diagrams:**

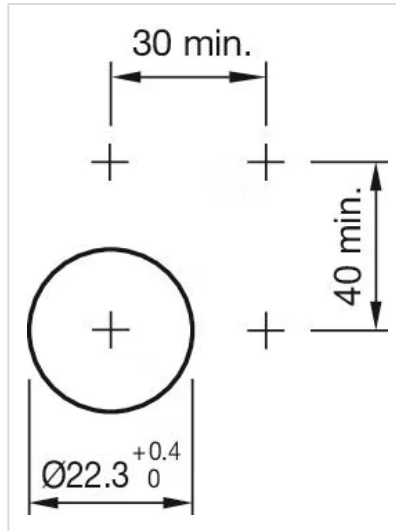


A = blue  
B = red  
C = yellow

**Component layouts:**



**Mounting cut-outs:**



**Dimension drawings:**

