

# Actuator

45-  
2P03.1E10.000

Distribution by  
Mouser



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

### FRONT

Front dimension:	Ø 30 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

### ELECTRICAL CHARACTERISTICS

Operating voltage:	300 V DC
Insulation voltage:	Rated value 500 V
Power (W):	0.5
Switching rating:	
Resistance:	1 kΩ

### MECHANICAL CHARATERISTIC

Terminal:	Screw terminal
Mechanical lifetime:	25 000 turning cycles
Tightening torque:	0.8 ... 1 Nm fixing nut
Operating frequency:	1 800/h
Terminal details 1:	– 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:**

0.001 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**

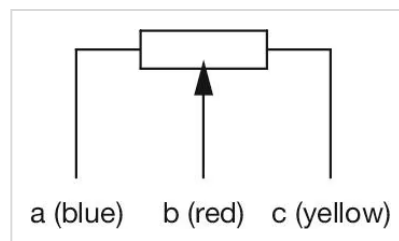
**Short Description:**

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

**Housing material:**

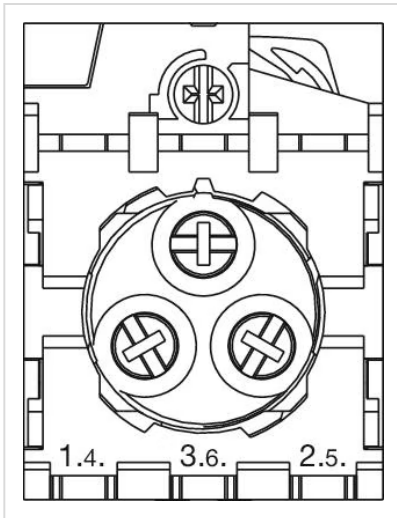
Plastic

**Wiring diagrams:**

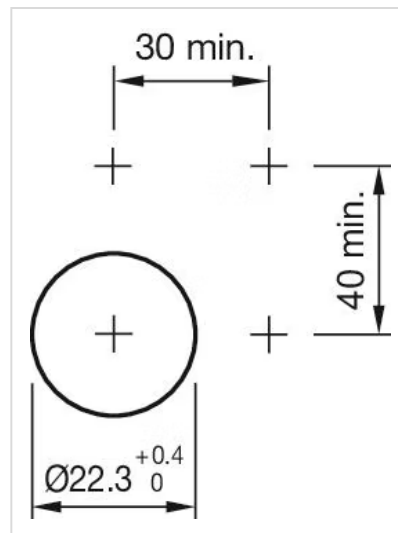


A = blue  
B = red  
C = yellow

**Component layouts:**



**Mounting cut-outs:**



**Dimension drawings:**

