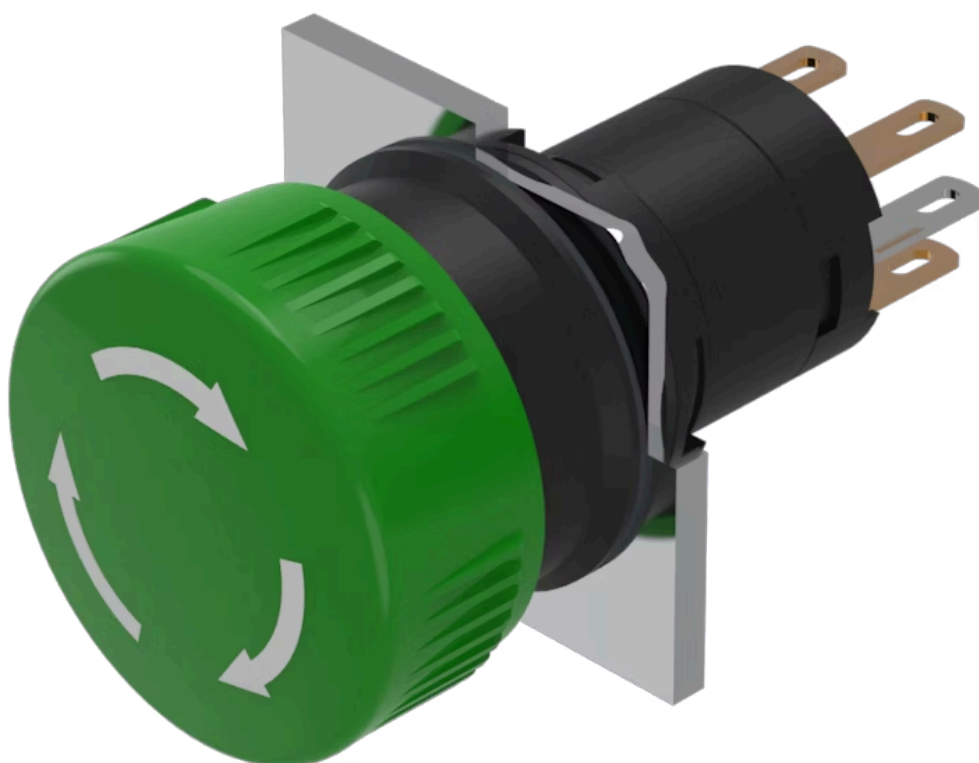


# Actuator

51-  
253.0225

Distribution by  
DigiKey

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<https://digikey.eao.com/p/51-253.0225>

Your product:

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## 51-253.0225 Actuator

### FRONT

**Front dimension:** Ø 24,5 mm

### MOUNTING

**Design:** raised

### OPERATING-/INDICATION PART

**Lens optics:** opaque

**Lens shape:** mushroom-head

**Lens colour:** Green

**Lens material:** Plastic

**Lens illumination:** non illuminative

### ELECTRICAL CHARACTERISTICS

**Switching voltage and switching current:** 250 VAC, 5 A (ohmic)  
24 VDC, 2 A (inductive, L:R = 30 ms)

**Contacts:** 1 NC / 1 NO

### MECHANICAL CHARACTERISTIC

**Switching system:** Snap-action switching element

**Tightening torque:** Fixing nut max. 0.5 Nm

**Mechanical lifetime:** 100 000 cycles of operation

**Switching system:** Self-cleaning, double-break snap action switching system, 1 normally closed and 1 normally open contact per element.

<b>Switching action:</b>	Maintained
<b>Contact material:</b>	Gold
<b>Terminal:</b>	Plug-in terminal, 2.8 x 0.5 mm
<b>Weight:</b>	0.011 kg
<b>Operating force:</b>	18 ... 21 N (depending on the switching element)

## AMBIENT CONDITION

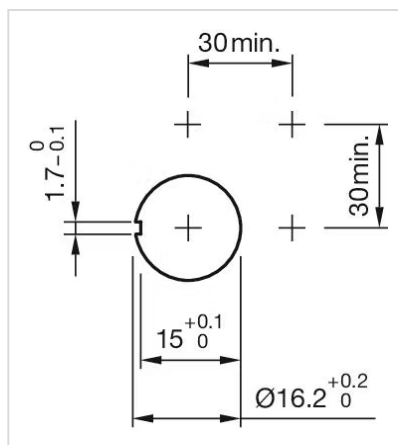
<b>Storage temperature:</b>	– 40 °C ... + 85 °C
<b>IP front protection:</b>	IP65, according to DIN EN 60529
<b>Operating temperature:</b>	– 25 °C ... + 55 °C

## CERTIFICATE

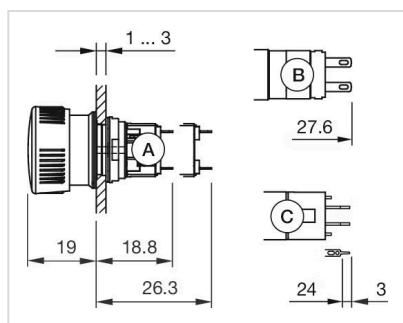
<b>Approbations:</b>	CB (IEC 61058-1), CSA, ENEC (EN 61058-1), UL
<b>Conformities:</b>	CE, UKCA, 2006 / 42 / EC (MD), 2011 / 65 / EC (RoHS)

## OTHER

<b>Housing colour:</b>	Black
<b>Short Description:</b>	Actuator, Ø 24,5 mm, mushroom-head, non illuminative, Green, Plastic, opaque, 1 NC / 1 NO, Maintained, Plug-in terminal, 2.8 x 0.5 mm, IP65, according to DIN EN 60529
<b>Hints:</b>	Marking arrows
<b>Mounting cut-outs:</b>	



**Dimension drawings:**



A = Solder terminal  
 B = Plug-in terminal 2.8 mm x 0.5 mm  
 C = Universal terminal 2.0 mm x 0.5 mm

#### Wiring diagrams:

