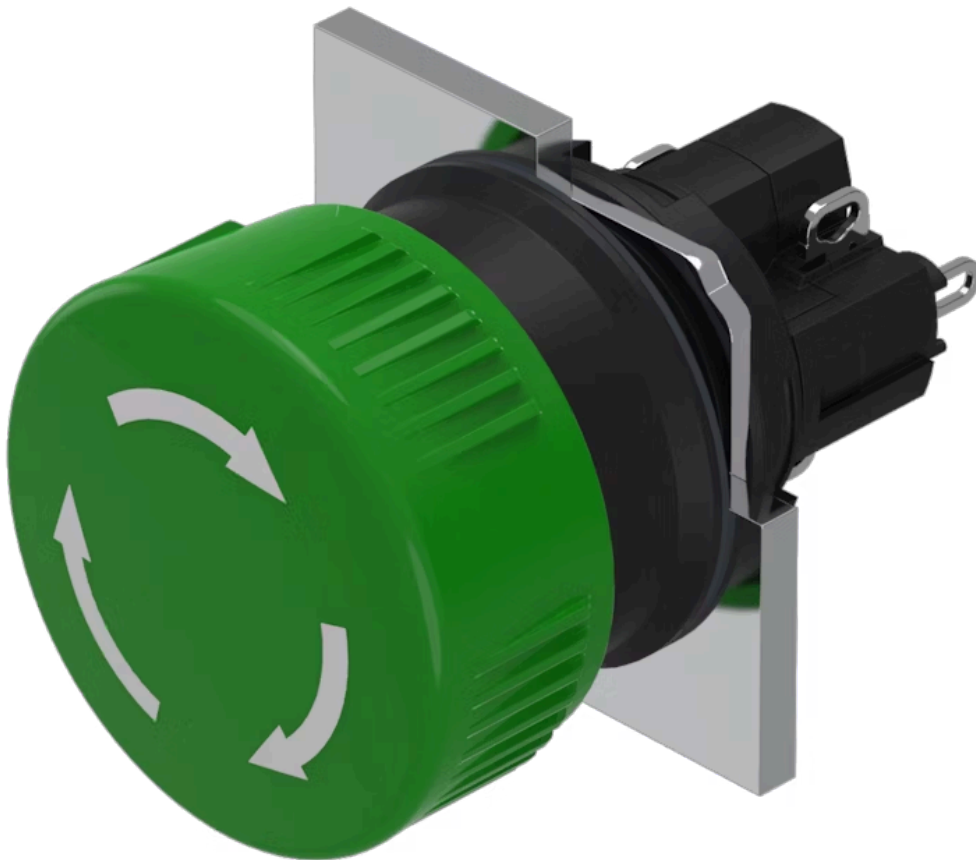


# Actuator

51-  
256.0255

Distribution by  
DigiKey

**DigiKey**



<https://digikey.eao.com/p/51-256.0255>

Your product:

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## 51-256.0255 Actuator

### FRONT

**Front dimension:** Ø 24,5 mm

### MOUNTING

**Design:** raised

### OPERATING-/INDICATION PART

**Lens colour:** Green

**Lens material:** Plastic

**Lens illumination:** non illuminative

**Lens optics:** opaque

**Lens shape:** mushroom-head

### 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 action:** Maintained

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

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

**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.

**Operating force:** 18 ... 21 N (depending on the switching element)

**Contact material:** Gold

**Terminal:** Soldering terminal

**Weight:** 0.011 kg

## AMBIENT CONDITION

**Storage temperature:** – 40 °C ... + 85 °C

**IP front protection:** IP65, according to DIN EN 60529

**Operating temperature:** – 25 °C ... + 55 °C

## CERTIFICATE

**Conformities:** CE, UKCA, 2006 / 42 / EC (MD), 2011 / 65 / EC (RoHS)

**Approbations:** CB (IEC 61058-1), CSA, ENEC (EN 61058-1), UL

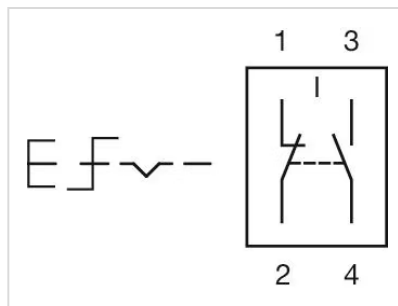
## OTHER

**Hints:** Marking arrows

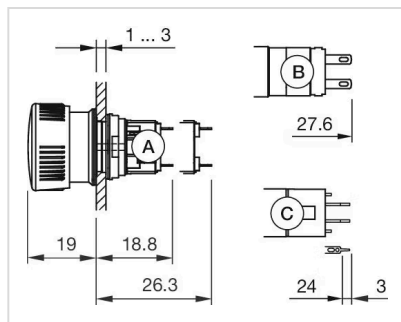
**Housing colour:** Black

**Short Description:** Actuator, Ø 24,5 mm, mushroom-head, non illuminative, Green, Plastic, opaque, 1 NC / 1 NO, Maintained, Soldering terminal, IP65, according to DIN EN 60529

**Wiring diagrams:**



**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

#### Mounting cut-outs:

