

# Actuator

51-  
256.0250

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51-256.0250  
Actuator

#### FRONT

**Front dimension:** Ø 24,5 mm

**Front form:** Round

#### MOUNTING

**Design:** Raised

**Mounting type:** Panel mounting

#### OPERATING-/INDICATION PART

**Lens colour:** Black

**Lens material:** Plastic

**Lens illumination:** Non illuminated

**Lens shape:** Mushroom-head

**Lens optics:** opaque

#### 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

**Switching rating:** 250 V @ 5 A

#### MECHANICAL CHARACTERISTICS

**Terminal:** Soldering terminal

**Contact material:** Gold

<b>Switching action:</b>	Maintained
<b>Switching system:</b>	Snap-action switching element
<b>Switching system:</b>	Self-cleaning, double-break snap action switching system, 1 normally closed and 1 normally open contact per element.
<b>Release type:</b>	Twist to unlock
<b>Mechanical lifetime:</b>	100 000 cycles of operation
<b>Operating force:</b>	18 ... 21 N (depending on the switching element)
<b>Tightening torque:</b>	Fixing nut max. 0.5 Nm
<b>Weight:</b>	0.014 kg

## AMBIENT CONDITION

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

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

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

## CERTIFICATE

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

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

**REACH:** REACH compliant

**RoHS:** RoHS compliant

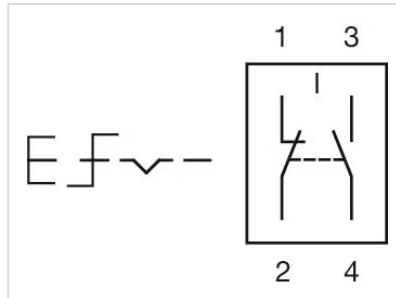
## OTHER

**Short Description:** Actuator, Ø 24,5 mm, Mushroom-head, Non illuminated, Black, Plastic, opaque, Round, 1 NC / 1 NO, Maintained, Soldering terminal, IP65, according to DIN EN 60529, Twist to unlock

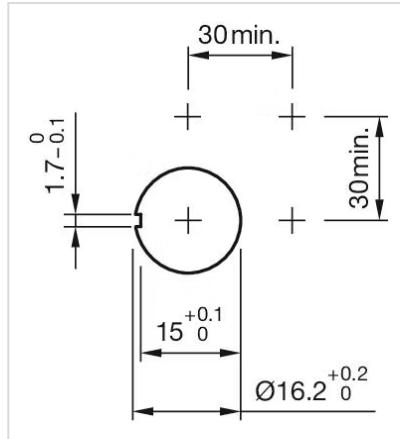
**Housing colour:** Black

**Hints:** Marking arrows

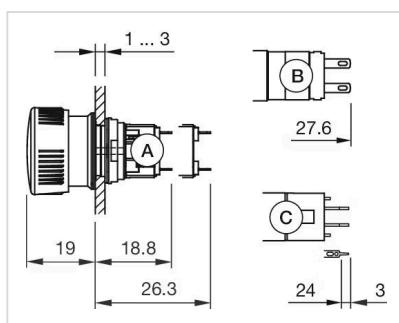
**Wiring diagrams:**



**Mounting cut-outs:**



**Dimension drawings:**



A = Solder terminal

B = Plug-in terminal  $2.8\text{ mm} \times 0.5\text{ mm}$

C = Universal terminal  $2.0\text{ mm} \times 0.5\text{ mm}$