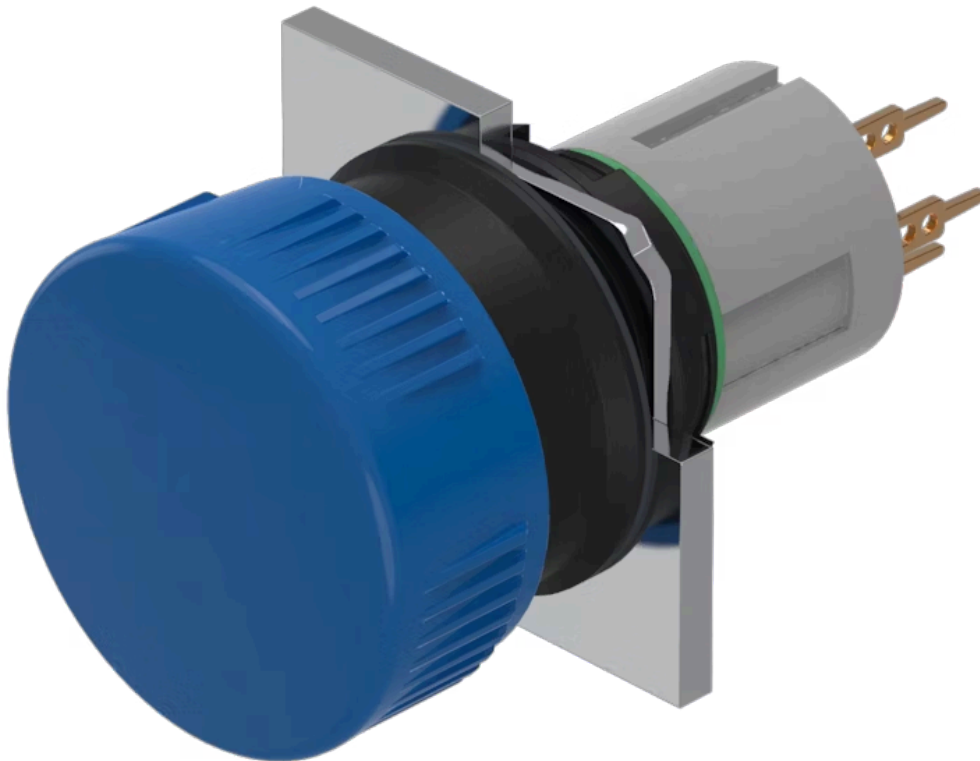


# Actuator

51-  
153.0266

Distribution by  
DigiKey

**DigiKey**



<https://digikey.eao.com/p/51-153.0266>

Your product:

---



## 51-153.0266 Actuator

### FRONT

Front dimension:	Ø 24,5 mm
Front bezel colour:	Black
Front bezel material:	Plastic

### MOUNTING

Design:	raised
---------	--------

### OPERATING-/INDICATION PART

Lens material:	Plastic
Lens illumination:	non illuminative
Lens shape:	mushroom-head
Lens optics:	opaque
Lens colour:	Blue

### ELECTRICAL CHARACTERISTICS

Electric strength:	2500 VAC, 50 Hz, 1 min. between all terminals and earth, according to IEC 61058-1, part 15
Contacts:	1 NC / 1 NO
Switching voltage and switching current:	100 mA at 42 VAC/VDC

### MECHANICAL CHARACTERISTIC

Terminal:	Universal terminal, 2 x 0.5 mm
Mechanical lifetime:	

5 Mio. cycles of operation

**Weight:** 0.008 kg

**Switching system:** Low-level element

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

**Switching system:** This low-level switching element was designed for switching low powers in electronic circuits. The mechanism assures reliable switching of loads ranging from a few  $\mu\text{A}/\mu\text{V}$  up to 100 mA/ 42 VAC/DC.  
Single-break momentary contact, as normally open or normally closed with 4 independent points of contact. 2 momentary contacts per switching element; combination of normally open and normally closed is possible.  
Special features are the long life, extremely short rebound time and stable contact resistance.

**Operating force:** 4 N ... 6 N

**Operating Travel:** 3 mm

**Switching action:** Momentary

**Contact material:** Gold

#### **AMBIENT CONDITION**

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

**Shock resistance:** 15 g for 11 ms, as per DIN / EN 60512-4-3, DIN / EN 60068-2-27 (Single impacts, semi-sinusoidal)

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

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

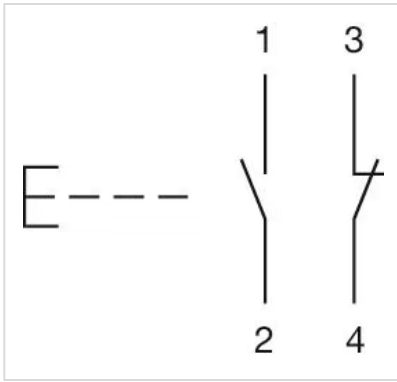
#### **OTHER**

**Short Description:** Actuator, Ø 24,5 mm, mushroom-head, non illuminative, Blue, Plastic, opaque, Black, Plastic, 1 NC / 1 NO, Momentary, Universal terminal, 2 x 0.5 mm, IP65, according to DIN EN 60529

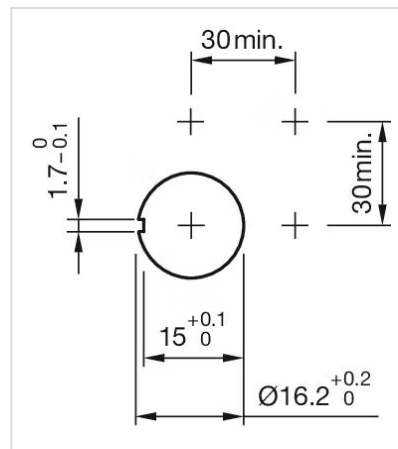
**Housing colour:** Black

**Hints:** If the anti-twist ring is not used the panel thickness increases to 4 mm

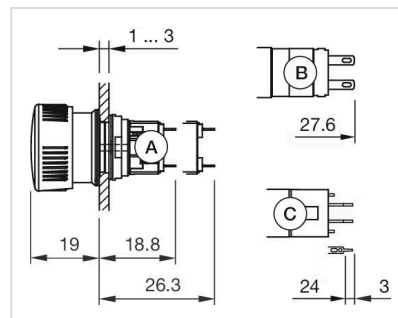
**Wiring diagrams:**



**Mounting cut-outs:**



**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