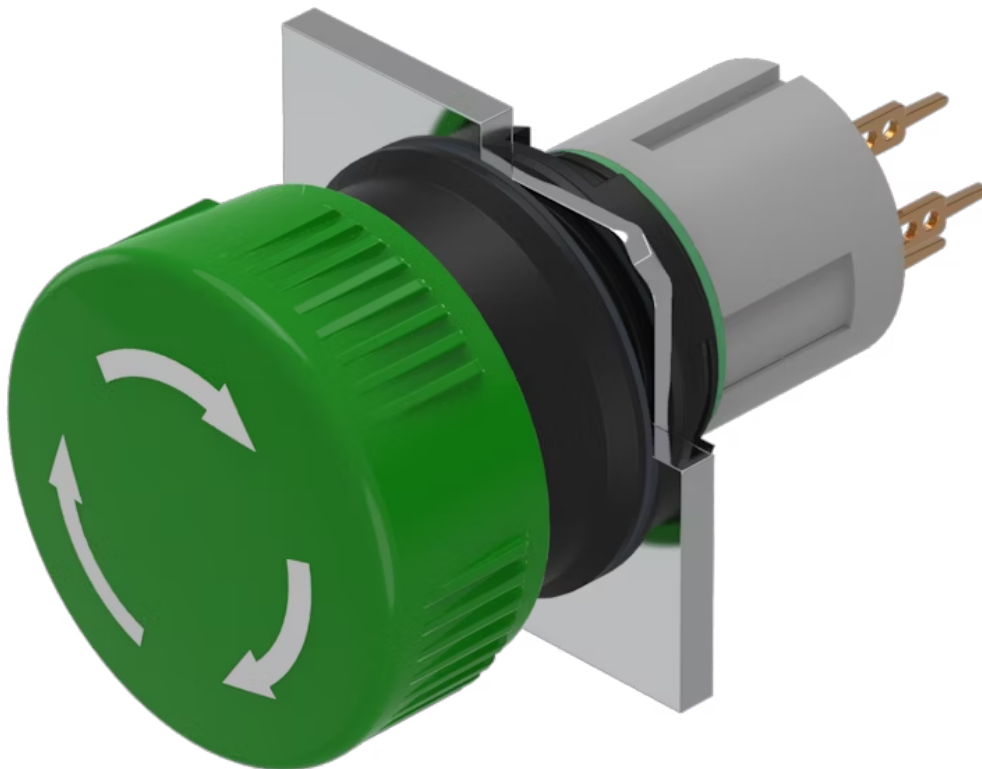


Actuator

51-
253.0265

Distribution by
DigiKey

DigiKey



<https://digikey.eao.com/p/51-253.0265>

Your product:



51-253.0265 Actuator

FRONT

Front dimension: Ø 24,5 mm

MOUNTING

Design: raised

OPERATING-/INDICATION PART

Lens colour: Green

Lens shape: mushroom-head

Lens material: Plastic

Lens optics: opaque

Lens illumination: non illuminative

ELECTRICAL CHARACTERISTICS

Contacts: 1 NC / 1 NO

Switching voltage and switching current: 100 mA at 42 VAC/VDC

MECHANICAL CHARACTERISTIC

Switching action: Maintained

Tightening torque: Fixing nut max. 0.5 Nm

Operating force: 1,8 ... 3,5 N

Operating Travel: 3 mm

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.

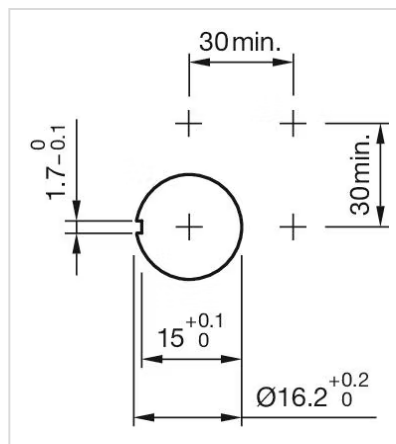
Switching system:	Low-level element
Contact material:	Gold
Terminal:	Universal terminal, 2 x 0.5 mm
Mechanical lifetime:	1 Mio. cycles of operation
Weight:	0.011 kg

AMBIENT CONDITION

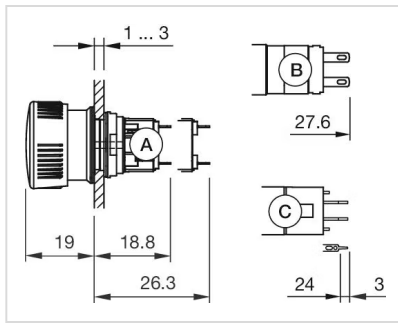
Storage temperature:	- 40 °C ... + 85 °C
Operating temperature:	- 25 °C ... + 55 °C
IP front protection:	IP65, according to DIN EN 60529

OTHER

Hints:	Marking arrows
Short Description:	Actuator, $\varnothing$ 24,5 mm, mushroom-head, non illuminative, Green, Plastic, opaque, 1 NC / 1 NO, Maintained, Universal terminal, 2 x 0.5 mm, IP65, according to DIN EN 60529
Housing colour:	Black
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

Wiring diagrams:

