

Actuator

51-

411.036DF

Distribution by DigiKey









51-411.036DF Actuator

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Front dimension: Ø 25 mm

MOUNTING

Design: flush

ELECTRICAL CHARACTERISTICS

Electric strength: 2500 VAC, 50 Hz, 1 min. between all terminals and earth, according to IEC 61058-

1, part 15

Contacts: 2 NO

Switching voltage and switching

current:

100 mA at 42 VAC/VDC

Electrostatic discharge (ESD): $\leq 15 \text{ kV}$

MECHANICAL CHARATERISTIC

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 $\mu A/\mu V$ 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 contactsper 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.

Mechanical lifetime: 50 000 cycles of operation

Weight: 0.016 kg

Switching positions: 2 positions

Terminal: Universal terminal, 2 x 0.5 mm

Switching system:

Low-level element

Contact material: Gold

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

Switching angle: 90° right

Switching action: Rest (a) - Maintained (a)

AMBIENT CONDITION

IP front protection: IP65, according to DIN EN 60529

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

OTHER

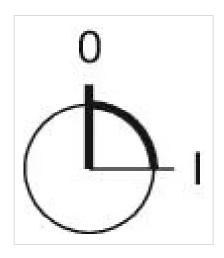
Short Description: Actuator, Ø 25 mm, 2 NO, Rest (a) - Maintained (a), Universal terminal, 2 x 0.5 mm,

IP65, according to DIN EN 60529

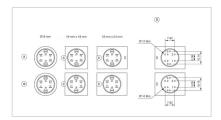
Hints: Standard lock: DOM 311

Housing colour: Black

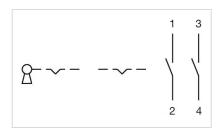
Switching positions:



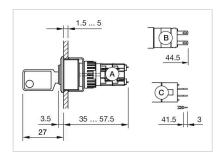
Component layouts:



Wiring diagrams:



Dimension drawings:



Mounting cut-outs:

