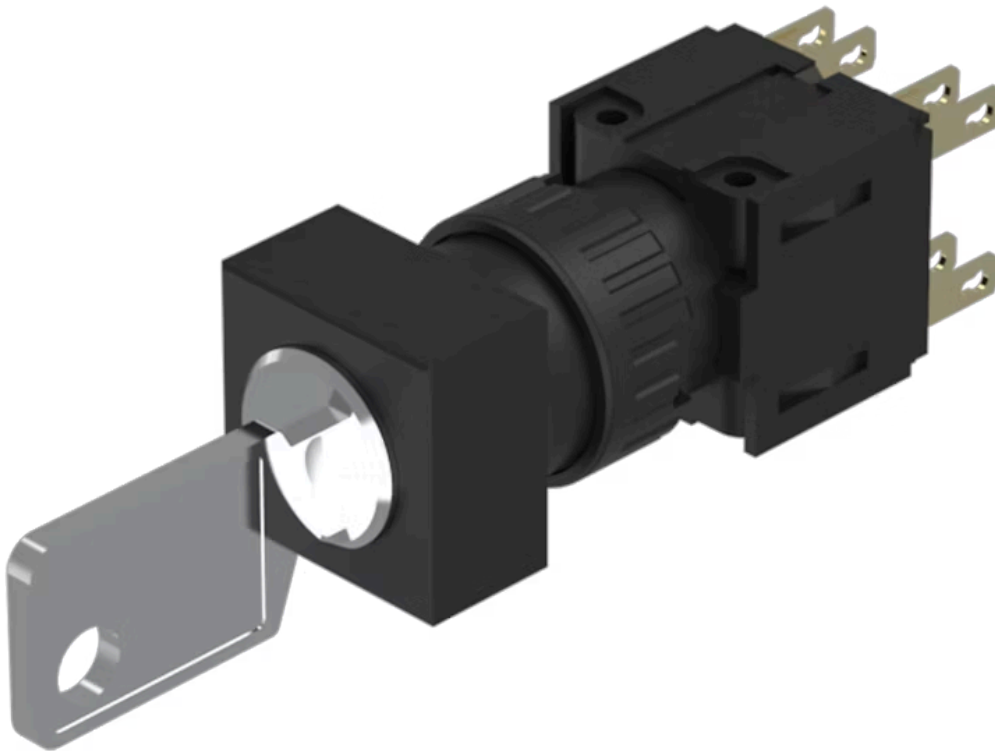


# Actuator

51-  
382.F22DF

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DigiKey

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Your product:

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## 51-382.F22DF Actuator

### FRONT

**Front dimension:** 18 mm x 18 mm

### MOUNTING

**Design:** flush

**Mounting cut-out:** 21 mm x 21 mm

### ELECTRICAL CHARACTERISTICS

**Protection class:** II

**Switching voltage and switching current:** 250 VAC, 5 A ( $\cos\phi$  0.75)

**Electrostatic discharge (ESD):**  $\leq 15$  KV

**Contacts:** 2 NC / 2 NO

**Thermal current I<sub>th</sub>:** 5 A, according to EN / IEC 60947-5-1

**Electric strength:** 2500 VAC, 50 Hz, 1 min. between all terminals and earth, according to IEC 61058-1, part 15

### MECHANICAL CHARACTERISTIC

**Mechanical lifetime:** 50 000 cycles of operation

**Switching system:** Self-cleaning, double-break snap action switching system, 2 normally closed and 2 normally open contact per element.

**Wire cross section:** Max. wire cross-section 2 wires with 1 mm  
Max. wire cross-section of stranded cable 2 x 0.75 mm<sup>2</sup>

**Weight:** 0.027 kg

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

**Contact material:** Gold

**Switching positions:** 3 positions  
**Tightening torque:** Fixing nut max. 0.5 Nm  
**Switching system:** Snap-action switching element  
**Terminal:** Plug-in terminal, 2.8 x 0.5 mm  
**Switching angle:** 90° left / 90° right

### AMBIENT CONDITION

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

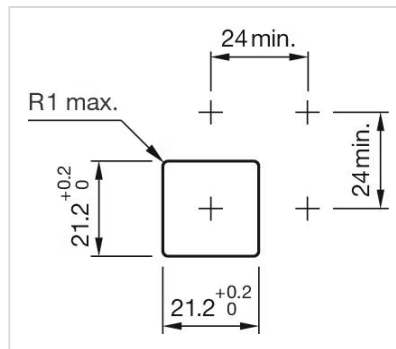
### CERTIFICATE

**Conformities:** CE, UKCA, 2011 / 65 / EC (RoHS), 2014 / 30 / EU (EMC), 2014 / 35 / EU (LVD)  
**Approbations:** CB (IEC 61058-1), CQC, CSA, DNV, ENEC (EN 61058-1), UL

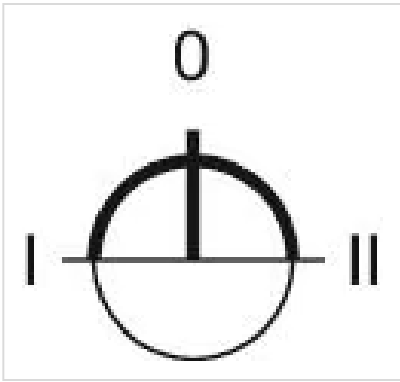
### OTHER

**Hints:** Standard lock: DOM 311  
**max. number of switching elements:** 1  
**Housing colour:** Black  
**Short Description:** Actuator, 21 mm x 21 mm, 18 mm x 18 mm, 2 NC / 2 NO, Maintained (a) - Rest (a) - Maintained (a), Plug-in terminal, 2.8 x 0.5 mm, IP65, according to DIN EN 60529

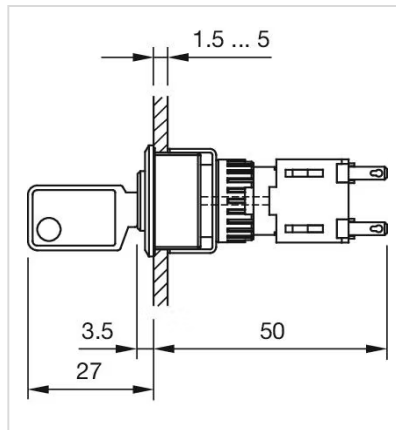
### Mounting cut-outs:



### Switching positions:



**Dimension drawings:**



**Wiring diagrams:**

