

Actuator

51-382.F22D Distribution by DigiKey









51-382.F22D Actuator

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Front dimension: 18 mm x 18 mm

Front form: Square

MOUNTING

Design: Raised

Mounting type: Panel mounting

ELECTRICAL CHARACTERISTICS

Switching voltage and switching

current:

250 VAC, 5 A $(\cos \phi 0.75)$

Contacts: 2 NC / 2 NO

Switching rating: 250 V @ 5 A

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

1, part 15

Electrostatic discharge (ESD): ≤ 15 KV

Protection class:

Thermal current Ith: 5 A, according to EN / IEC 60947-5-1

MECHANICAL CHARACTERISTICS

Terminal: Plug-in terminal, 2.8 x 0.5 mm

Contact material: Gold

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

Switching system: Snap-action switching element

Switching system:

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

Switching positions: 3 positions

Switching angle: 90° left / 90° right

Mechanical lifetime: 50 000 cycles of operation

Tightening torque: Fixing nut max. 0.5 Nm

Wire cross section: Max. wire cross-section 2 wires with 1 mm

Max. wire cross-section of stranded cable 2 x 0.75 mm²

Weight: 0.022 kg

AMBIENT CONDITION

IP front protection: IP65, according to DIN EN 60529

Operating temperature: $-25 \, ^{\circ}\text{C} \, ... + 55 \, ^{\circ}\text{C}$

Storage temperature: $-40 \, ^{\circ}\text{C} \dots + 85 \, ^{\circ}\text{C}$

CERTIFICATE

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

Conformities: CE, UKCA, 2011 / 65 / EC (RoHS), 2014 / 30 / EU (EMC), 2014 / 35 / EU (LVD)

REACH: REACH compliant

RoHS: RoHS compliant

OTHER

Short Description: Actuator, 18 mm x 18 mm, Square, 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

Housing colour: Black

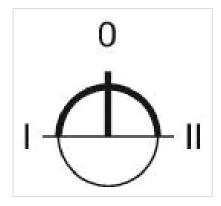
Hints: Standard lock: DOM 311

max. number of switching

elements:

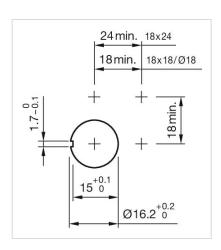
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Switching positions:



Wiring diagrams:

Mounting cut-outs:



Dimension drawings:

