

Distributed by Conrad Electronic SE • Klaus-Conrad-Str. 1 • D-92240 Hirschau

Datasheet

Item no. TC-MS01

1. Operation Characteristics

Operating Force (OF) Max. 40 gf

Releasing Force (RF) Min. 6 gf Free Position (FP) Max. 14.6 mm

Operating Position (OP) 11.8±0.8 mm

Movement Differential (MD) Max. 0.8 mm Over-travel (OT) Min. 0.6 mm

Pre-travel (PT) Max. 3.6 mm

3. Environments

Operating Temperature ~ 120 (with no icing)

Vibration Resistance 10~55Hz, displacement 0.75mm(p-p)

Shock Resistance Destruction: 1,000 m/s² {approx. 100G} max.

Malfunction: 300 m/s² {approx. 30G} max. maximum within 5 seconds.

Soldering by hand 260 maximum within 5 seconds. Soldering bath

350

2. Specifications

Initial Contact Resistance Max.30 m Ω .

(Measured by ohm meter -Open Voltage<1VDC, Driver current -100mA)

Before measure the switch contact resistance, please press the switch three

Initial Dielectric Strength 1,000VAC(50-60HZ)/minute between contacts.

1,250VAC(50-60HZ)/minute Live-parts and dead metal parts.

Insulation Resistance Min. 100 M Ω (500 VDC/ minute) between Live-parts and dead metal parts.

Circuit Arrangement SPDT (Single pole double throw)

5A 125/250VAC Rating

Service Life Min. 10,000 operations.

Rating Load Resistive Load.

Operating Frequency 10~30 operations per minute.

Safety Certificate UL, cUL

Mechanical Service Life Min. 10,000,000 operations. Operating Frequency Max. 120 operations per minute.



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3.20±0.10

