



ECONOMICAL MICRO SWITCHES

MODEL EMV

[DIFFERENT FORCE ON REQUEST]

- Long Life Coil Spring Mechanism
- Large Overtravel
- Integral Hinged Actuator
- Rock Wipe Contact Action
- Custom Designs

CONTACT CONFIGURATION



SPECIFICATIONS CHARACTERISTICS

Insulation resistance..... 100M Ω min. (at 500 V DC)

Dielectric strength..... AC 1,000 V RMS (50-60Hz)

between contacts and

AC 1,500 V RMS (50-60Hz)

between terminals and ground,

for one minute.

Contact resistance..... 15 m Ω (initial)

Shock resistance

Mechanical..... Approx 100G

Malfunction..... Approx 30G

Vibration

Malfunction durability: 10 to 55Hz double amplitude during 2 hours.

Operating Frequency..... Less than 600 operations/min.

Operating speed..... 0.1 mm/sec to 1 m/sec

Service life

Electrical (at rate load)...over 200,000 times (at rate load)

Mechanical..... over 3,000,000 times

Ambient Temperature..... -25°C to 80°C

Ambient Humidity..... under 80% RH max.

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