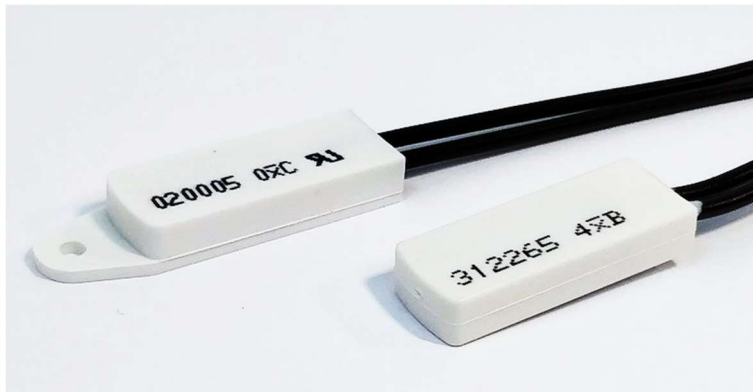


Matsuo Precision Thermostats – MQT8K/H

The Matsuo MQT8 is a compact, precision control thermostat which offers a very neat solution to accurate temperature control with minimal long-term drift and a mechanical cycle life up to 10 million cycles under low loads.

Features:

- Guaranteed 100,000 cycles
- Long-life up to 10 million cycles possible
- Small size: 6.4 x 12.5 x 34mm
- Available with integral mounting hole
- Normally-closed or normally-open contacts



Operating temperature range

- Calibrations from -10°C to +110°C
- Differential as small as 3.5±1.5K

Technical:

- Switching capacity:
 - 1.3A/250VAC/24VDC
 - 2A/125VAC/12VDC
 - 0.6A/48VDC
- ±2K tolerance available
- Standard Leads;
 - 150mm 22AWG black UL1015 leads for calibrations ≤ 75°C.
 - 150mm 22AWG grey UL3271 leads for calibrations ≥ 76°C.
- Lead-wires up to 950mm available
- Cross-bar contacts available for signal
- current applications
- Double-sealed options available

Applications:

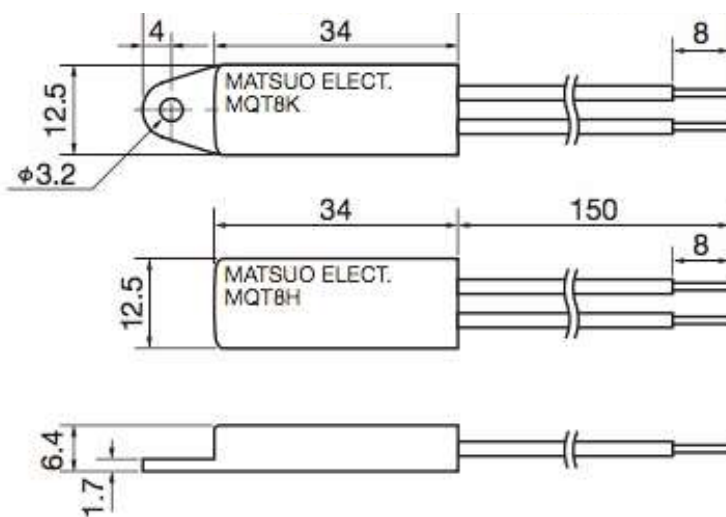
- Frost and freeze protection
- Anti-condensation e.g. inside CCTV
- Air temperature sensing
- Heating pads and heater elements
- Refrigeration defrost control

Stock items:

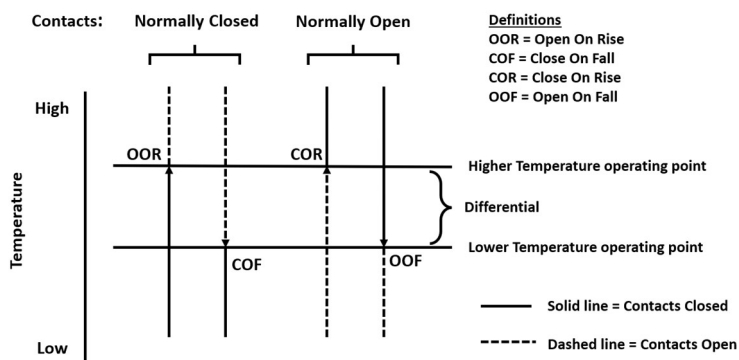
- Calibrations from 0°C to 95°C available from stock

Bespoke options available upon request

Drawing:



Operation:



For further information please contact us at sales@atcsemitec.co.uk