

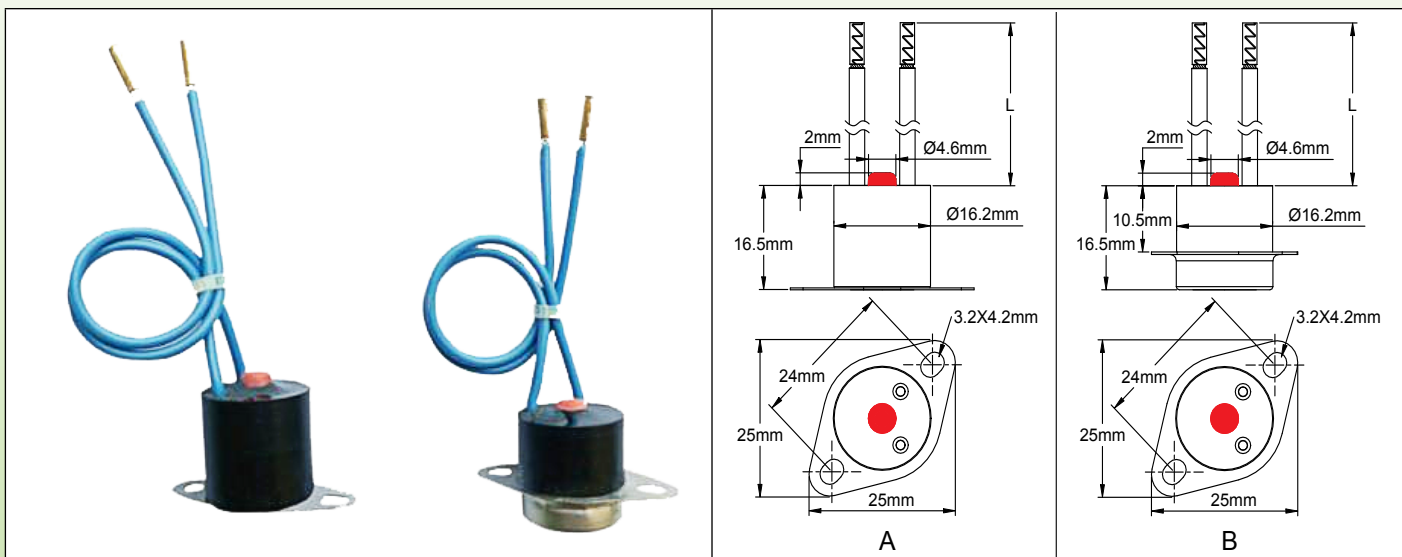


Manual reset and thermal cut-out

Epoxy potted waterproof manual reset disc thermostat, 2 wire output.

Type 4REMR

Dimensions



Applications

Manual reset safety thermostats, for applications where there are risks of condensation or water drops. The thermostat body, **including the cup crimping zone**, is inside an epoxy potting. The manual reset button is accessible by a small silicone cap partially embedded in the epoxy resin. The 2 wire output, in addition to protection against ingress of water, also protects users against accidental contact with live terminals.

Main features

Thermostat Housing: High temperature black epoxy, diameter 16.2mm. Good UV resistance. Excellent wire pull strength. Maximum ambient temperature 120°C.

Temperature sensing cup: Stainless steel, not over-molded to improve temperature measurement. (Achievable in aluminum on request)

Contact: SPNC, open on temperature rise.

Reset: Manual

Electrical rating: 10A resistive, 250VAC, 1000 cycles.

Wires: XLPE insulated, 300V, AWG16 (1.5mm²), stranded, temperature resistance 125°C, according to UL3266.

Wire terminations: Stripped on 6mm (wire end terminals or other terminals on request)

Calibration temperatures: Available on request from 40 to 120°C. Standard tolerances +/- 5°C. MOQ 1000 pieces applicable for specific values.

Product identification: Reference label on the wires and coded date on the thermostat cup

Mounting: Two modes: Flat bracket (type A) for measuring surface temperature, or extended cup bracket (type B) for through wall measurement.

Main references with 1 meter wires, T125°C XLPE, AWG16 (1.5mm²)

References	Open	Tolerance	Bracket style	Bracket material
4REMRR055DBSY100	55°C/ 131°F	±3°C/ ±5.4°F	B	Stainless steel
4REMRR065DBSY100	65°C/ 149°F	±4°C/ ±7.2°F	B	Stainless steel
4REMRR075DBSY100	75°C/ 167°F	±4°C/ ±7.2°F	B	Stainless steel
4REMRR085DBSY100	85°C/ 185°F	±4°C/ ±7.2°F	B	Stainless steel
4REMRR090DBSY100	90°C/ 194°F	±4°C/ ±7.2°F	B	Stainless steel
4REMRR120DBSY100	120°C/ 248°F	±4°C/ ±7.2°F	B	Stainless steel

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