

HIGH TEMPERATURE HEAT DETECTOR



DESCRIPTIONS

The DEMCO Detector is a heat sensitive electrical switch. It is a fixed temperature device with a factory pre-set temperature 232°C.

The detector comprises of normally open electrical contacts mounted within a stainless steel probe. A rise in temperature will cause the contacts to close at the set point temperature. With the drop in temperature the procedure reverses and the contacts re-open below set point temperature.

The detector body is a precision machine from AISI304 stainless steel with high corrosion resistance. The operation parts are factory calibrated and sealed against severe environmental condition, further adjustment or calibration is not required.

SPECIFICATIONS

Model	D-143
Contacts	NO, NC on temperature rise
Applied Voltage AC	32 V max
Applied Voltage DC	32V max
Operating Current	0.25A max
Operating/Set Temperature Range	232°C
Ambient Temperature Range (continous exposure)	-10°C to +180°C
Relative Humidity	100%
Weight	190g
Sensitivity & Accuracy	±10% or 10 degrees
Mounting Srew Threads	10Kgm torque max

DEMCO ADVANTAGES

- Resetting Type Heat Detector
- Rate Compensation & Fast Response
- Thermostat Switches Contacts
- Corrosion & Shock Resistant
- Single Mounting Thread
- Thermocouple Wires



*D-143 Heat Detector in kitchen's hood



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