



HD 0001 with RSI IUT200

Heat Detector for the RSI System

This complete unit serves as a heat detector for the RSI System. It is powered by its own 9V battery with expected life of 1 year. The detector will pick up both rapid and slower rate of rise increases and will also alarm at 65°C or above. The application temperature must never normal exceed 50°C.

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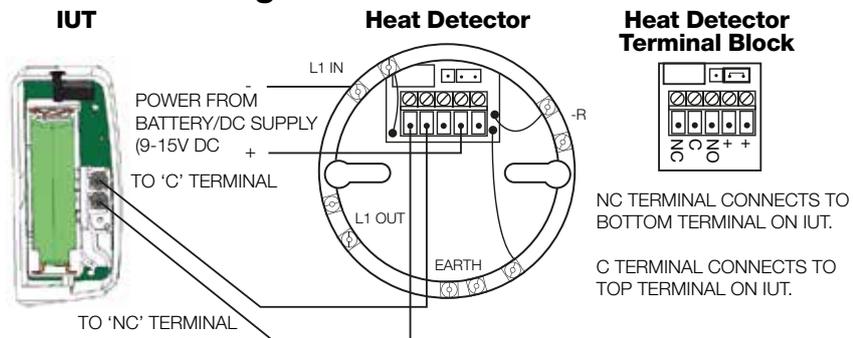
Detector Type:	Point type heat detector for fire detection and alarm systems for buildings	Storage Temperature Range:	-30°C to 120°C
Supply Wiring:	Two wire monitored supply, polarity insensitive	Operating Temperature:	-20°C to +90°C (no icing)
Terminal Functions:	L1 IN and L2: supply in connections (polarity insensitive) L1 OUT and L2: supply out connections (polarity insensitive) -R: remote indicator negative connection	Max application temp:	50°C
Supply voltage:	9 to 33V Alarm Voltage: 6 to 28V	Max static response temp:	65°C
Alarm Indicator:	Red light emitting diode	Humidity:	0% to 95% relative humidity
Minimum Voltage Required to Light Alarm Indicator:	12V	Atmospheric Pressure:	Unaffected
Remote Output Characteristics:	Remote is a current sink to the negative line limited to 17mA	IP Rating:	23D in accordance with BS EN 60529
Quiescent Current:	Standard: 40µA Flashing LED/Magnetic test switch: 50µA	EMC, approved and regulatory compliance:	
Alarm Current:	Standard: 17mA Flashing LED/Magnetic test switch: 17mA	Dimensions:	Detector: 100mm (dia) x 42mm (high) Detector in Base: 100mm (dia) x 114mm (high)
		Weights:	Detector: 80g Detector in Base: 350g
		Materials:	Detector housing: White polycarbonate rated V-0 in accordance with UL 94. Terminals: Nickel plated stainless steel

The 12 Volt Relay Base.

The 12 volt relay base is a base for use with the HD 0001. It incorporates one volt-free changeover contact. It is designed to be used for both latching and non-latching applications – such as security control panels. The base is operated by the detector and must therefore be fitted with hd 0001 to function. The base is designed to operate over a voltage range of 9v to 15v dc. The negative line is connected to the L1 IN and L1 OUT on the moulding terminals. The positive line is connected to IN+ and OUT+ on the terminal block.

Note: Do not connect any external wire to the -R terminal as this may prevent the relay base from functioning correctly.

Connecting the heat detector to a IUT



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