220VAC with 9VDC Battery Back-Up Single/Multiple Station Heat Detector





Product Listings

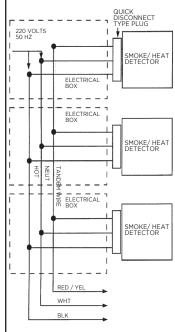
• UL 539

Product Compliance

• NFPA72

*Product listing with UL under process

Tandem Wiring Diagram



CAUTION:

All detectors in a tandem installation must be controlled by the same fuse or circuit breaker. Otherwise tandem units will not operate. Tandem will operate in the event of an AC power failure if battery is connected to the detector.

LIMITATIONS:

A heat detector can be connected to a maximum of 12 smoke and 5 other heat detectors, to total not more than 18 interconnected devices. Do not exceed 1125 feet between the first and last detector.

NOTE:

Wire used for interconnecting shall be in accordance with Article 300.3(b) and Article 210 of the National Electrical Code (NEC) and NFPA 70.

APPLICATIONS

The heat detector is for use as a warning device in residential applications. Each detector has a solid state piezo signal to warn and alert the household to the presence of threatening heat.

The heat detector is designed to detect heat that results from an actual fire. Heat detector are intended for use as supplements to smoke detector. This unit cannot detect smoke or toxic gases, therefore, do not rely solely on this heat detector to provide a warning of fire.

In the event AC power fails, a 9VDC battery will provide proper detector operation for a minimum of a 24-hour period.

STANDARD FEATURES

- Available in 220VAC with 9VDC battery back-up
- Horn frequency 3100Hz (nominal)
- 135°F fixed temperature
- 90dBA temporal 3 piezo horn
- Solid-state LED condition indicator
- Quick-disconnect wiring harness
- Tandem interconnect with current Shield detectors
- Mounting hardware adapts to standard junction boxes
- Low or missing battery indicator

Electrical Specifications

Operating Voltage	220VAC, 50Hz	
Operating Current	.035 amps	
Operating Ambient Temp Range	0°F to 110°F (-18°C to 43°C)	
Alarm Horn Rating	90dBA at 10 feet	
Dimension	Diameter at base: 5.75 in. (14.605 cm)	
	Overall diameter: 6.5 in. (16.51 cm)	
	Depth: 2.625 in. (6.6675 cm)	
Secondary Power Source	Alkaline 9VDC battery	
	Duracell [®] MN 1604	

Ordering Informations

Model Number	Voltage	Temporal 3 Piezo Sounder
S-B1036	220VAC	•

Heat detector Wiring Diagram BI K HOT CAUTION WHITE RED/YELLOW WIRE: 11 NEUT POWER DO NOT REMOVE RED/YE 10 INSULATION CAP TANDEM UNLESS CONNECTING ANOTHER DETECTOR PLUG DETECTOR

Note: Specifications are subject to change without notice

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