

Jomarr Engine Compartment Overheat • Fire Alarm



DESCRIPTION

The Jomarr Engine Compartment Overheat Fire Alarm Kit (P/N AK-10237) includes the Heat Detector Thermostat which resets automatically at cool down and contains a heat sensitive bimetal snap action disc, housed in a ceramic case to handle extreme high temperatures. The housing is filled with a hard-cast epoxy compound and completely sealed against water, oil, and other fluids. All Heat Detector Thermostats are temperature tested before leaving the factory.

At extreme high temperature within the engine compartment, the bimetal switch of the heat detector switch closes, activating the audible alarm on the LED Indicator Panel and the LED light will change from GREEN (normal status) to RED (high temperature alert). The alarm system (LED light, audible alarm, and heat detector) will self-restore to stand-by status at normal ambient temperature.

APPLICATIONS

As an automatic fire detection device, thermal detectors have historically been less expensive, and had the lowest false alarm rate. Typically, thermal detectors are used in areas where smoke detectors cannot be installed and where the detector will be subject to rough service and in difficult environmental conditions. It is designed to withstand shock, vibration, and high pressure cleaning within hazardous areas and vehicle environments such as:

- Mining & Forestry Equipment
- Construction Equipment
- Mass Transit Vehicles
- Military Vehicles & Equipment
- Municipal Trash Trucks
- Commercial Vehicles
- Rail Vehicles
- Industrial Process Areas

FEATURES

- UL Recognized
- C-UL Recognized
- VDE, CE
- RoHS Compliant
- ISO 9000 Certification
- Self Restoring
- Hermetically Sealed
- Compact Design
- Rugged Construction
- Stainless Steel Bracket
- Installs in Minutes

SPECIFICATIONS

Electrical	12VDC, 10 Amps, Resistive, 100,000 Cycles 24VDC, 7 Amps, Resistive, 100,000 Cycles 125VAC, 15 Amps, Resistive, 100,000 Cycles 250VAC, 10 Amps, Resistive, 100,000 Cycles
Differential	10° F to 100° F (6° C to 55° C)
Environmental Temperature	-40° F to 350° F (Max Set Point 300° F) -40° F to 520° F (Max Set Point 500° F)
Insulation Resistance	100M OHMS or more (with a 500 VDC megger)
Circuit Resistance	50m OHMS or less (initial value)
Dielectric Strength	1500 VAC/1 Minute or 1800 VAC/1 Second
Contact Material	Silver
Alarm	Sound pressure 103±5 db at 15 VDC @ fully open volume control



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