

## AMPAC NZ HEAT DETECTOR

### Description

The Ampac NZ Heat Detector is a conventional point type detector that is sensitive to changes in ambient temperature. When the ambient temperature reaches a preset temperature, the detector will go into alarm.

The Ampac NZ Heat Detector is designed to comply with the requirements of NZS4512:2003 and be compatible with all Ampac manufactured Fire Alarm Control Panels (FACP's) compliant to the same standard. These FACP's include:

- NZ100 Single zone
- NZ400 Four zone
- NZ3200 Up to 32 zones
- **FireFinder™** (conventional)

Available in two (2) preset temperatures, the Ampac NZ Heat Detectors come standard with a red LED that will illuminate when in alarm.

Preset temperature available is:

- BLUE 57 degrees centigrade, and
- YELLOW 77 degrees centigrade

### Electrical

The detector is designed to be connected to a two wire monitored supply operating at a nominal voltage of 24 volts dc.

A sealed thermal switch is the main component in this detector. One of two (2) types of thermal switch is fitted depending on the temperature required – either 57 or 77 degrees centigrade.

Normally in the 'closed' state, the heat sensitive thermal switch will open when the ambient temperature reaches the selected preset level.

The change of state will signal an alarm condition at the associated FACP.

*Note: The Ampac NZ Heat Detector is designed to operate only with Ampac manufactured FACP's as listed above*

### Application

- Nursing Home
- Kitchen area
- Offices
- Lavatories



**NZ Heat Detector**

### Specifications

<b>Detector Type</b>	BLUE – 57° C YELLOW – 77° C
<b>Supply Wiring</b>	2 wire
<b>Supply Voltage</b>	17 to 28 VDC
<b>Quiescent current</b>	30uA @ 24 VDC
<b>Alarm current</b>	16mA @ 24 VDC
<b>Dimensions</b>	74Dia. x 30H mm
<b>Operating Temp.</b>	-20°C to 90°C (No Icing)
<b>Humidity</b>	0% to 95%
<b>Approvals</b>	NZS4512:2003

Order Code	Description
4255-0300	Blue – 57° C
4255-0400	Yellow – 77° C