

# PERTRONIC INDUSTRIES LTD

## Indicating Heat Detector Kit Installation Note

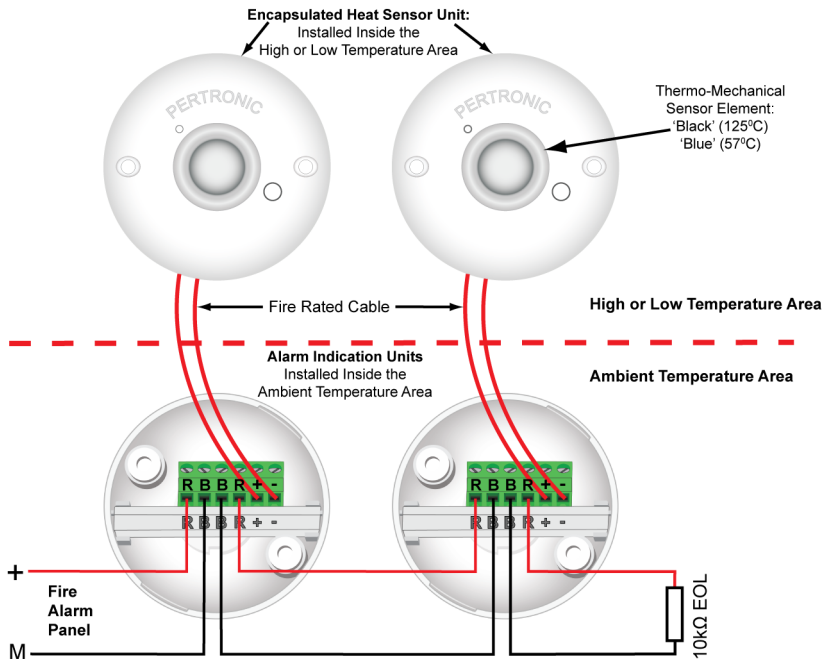


### Product Overview:

- Pertronic Indicating Heat Detector Kit is designed for high temperature or low temperature harsh environments.
  - Black: encapsulated 125<sup>o</sup>C thermo-mechanical sensor element (High temp).
  - Blue: encapsulated 57<sup>o</sup>C thermo-mechanical sensor element (Low temp).
- Fire rated cable connection to Alarm Indication Unit.

### Alarm Indication Unit:

- Terminals accept up to 1.5mm<sup>2</sup> cable.
- Bi-directional circuit connection terminals. Either 'Red' terminal may be connected to the fire panel.
- Red LED indication latches on activation of the thermo-mechanical sensor element. The LED is reset by de-powering the detector.
- **Note: the Alarm Indication Unit must be installed remotely from the Encapsulated Heat Sensor Unit.**



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<b>Compatibility:</b> Indicating Heat Detector Kits are compatible with the following products:			
Product	Detector Hardware Version	Panel Software Version	Release Date
F1	v2.6 & above	v2.3 & above	November 2003
F1-2W	v2.6 & above	v9.04 & above	March 2007
F4	v2.6 & above	v2.26 & above	November 2003
F4-2W	v2.6 & above	v9.0 & above	March 2007
F16	v2.6 & above	v7.0 & above	November 2003
F16e	v2.6 & above	v1.10N & above	June 2004
Loop Responder	v2.6 & above	v3.00N & above	May 2004
Apartment Module	v2.6 & above	v1.0 & above	November 2006

<b>Specification:</b>				
<b>Electrical:</b>	<b>Operating Voltage</b> 12 to 24Vdc		<b>Quiescent Current</b> 0.01 mA	<b>Alarm Current</b> - panel must limit to less than 25 mA
<b>Environmental:</b>	<b>Operating Temperature Range</b> Indicator Unit 0 °C to +80 °C Heat sensor Unit 0 °C to +130 °C		<b>Humidity</b> (non-condensing) 10 to 90% RH	
<b>Mechanical:</b>	<b>Dimension</b> (Diameter x Height mm)	<b>Weight</b>	<b>Material</b>	<b>Colour</b>
- Indicator Unit	66 x 36	5 gms	Polycarbonate	White
- Heat Sensor Unit	66 x 36	10 gms	Polycarbonate	White

<b>Product Codes:</b>		
Code	Description	
IHDBLKEK-V	Encapsulated Indicating Heat Detector Kit, Black, 125 C	
IHDBEK-V	Encapsulated Indicating Heat Detector Kit, Blue, 57 C	

Registered Design No. 413539