



# DET-C632

## Conventional Dual Heat Detector

### Features and Benefits

EN54-5:2000 +A1:2002 Compliance  
 LPCB Approved  
 Rate of rise and fixed temperature  
 Wide operating voltage for both Fire  
 & Security Systems  
 Error free non- polarized zone input  
 termination  
 Optional Detector Head locking  
 mechanism incorporated  
 360-degree visual indicator  
 Ancillary remote indicator output  
 Aesthetically pleasing design.

### Overview

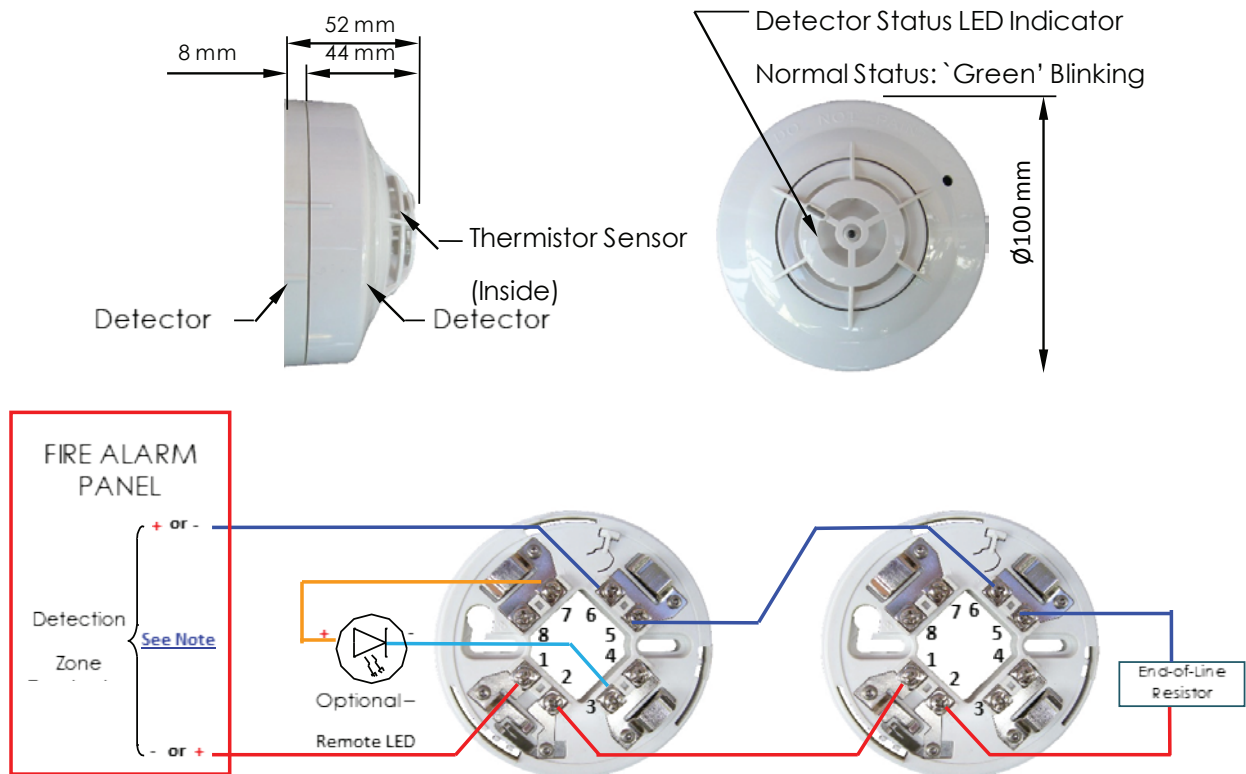
With a combination of detecting  
 Rate-of-Rise and Fixed Temperature for  
 higher safety, this detector is ideal for  
 general fire detection purposes.  
 Rate-of-Rise Heat Detectors are particular-  
 ly suited in areas where the temperature is  
 normally stable – useful for low ambient  
 temperature areas where the response of  
 fixed temperature may be slower. It  
 activates upon rapid rise in temperature.  
 Fixed Temperature Heat Detectors are  
 particularly suited to areas where tempera-  
 ture can fluctuate for natural reason – e.g.  
 where there are large windows or industri-  
 al heat producing processes. It is pre-set  
 to trigger an alarm when the temperature  
 reaches approximately 57°C – therefore  
 an excellent way of avoiding continual  
 false alarms in areas where the tempera-  
 ture fluctuates rapidly.  
 Electronic thermistor type detector  
 element provides high accuracy with no  
 moving parts, which results in excellence  
 reliability.

## Technical Specification

Listed	LPCB / CE
Certified	EN54-5:2000 +A1:2002
<b>Power Rating</b>	
Input Voltage	24VDC (Operate: 9.6V to 30V DC)
Current Consumption	Standby 35 $\mu$ A, Alarm: 20mA
<b>Detector</b>	
Sensitivity	Approximately 57deg Celsius
Class	A2R
Indicator / Current Output	Single LED / 360-degree Visual / 20mA
Material / Colour	ABS Plastic / White Glossy finishing

Dimension / Height	Diameter 99.7 mm / 57 mm
Weight	143g (with Base), 85g (without Base)
Operating Temperature	-10°C to +50°C
Humidity	0 to 95% Relative Humidity, Non condensing

## Detector and Wiring Details



**Note :** Please refers to the Installation manual.