



## Key Features

Low Profile



360 Degree LED Indication



Lockable to base to stop unauthorised removal



Remote LED Output



Addressed with dip switches or a hand-held programmer



## Overview

The addressable heat detector range comprises of:

### ProFyre Addressable A1R (ROR) Heat Detector

The rate of rise heat detectors use a thermistor arrangement to sense a quick rise in temperature and also a fixed threshold temperature of 57°C.

### ProFyre Addressable A2S (Fixed) Heat Detector

The fixed heat detector has a single thermistor arrangement that initiates an alarm at a temperature of 57°C.

### ProFyre Addressable CS (Fixed 90°C) Heat Detector

The fixed heat detector has a single thermistor arrangement that initiates an alarm at a temperature of 90°C.

## ProFyre Compatible Addressable Panels

The ProFyre addressable heat detector range has been designed to complement the ProFyre A4, A2 addressable control panels & the ProFyre T8 2-wire system.

## 360 Degree Indication

The range has been housed in a stylish and attractive moulding with 360 degree LED indication.

## Detector Accessories

All of the ProFyre range devices can be coupled with a sandwich sounder and therefore fitting of a sounder base is not essential should audibility be an issue.

## Approvals

The ProFyre addressable heat detectors are fully approved by LPCB for safe use and installation in any European Union country and bears the CE mark to show that it complies with all the applicable Directives including the CPR, EMC and the Low Voltage Directive (LVD).

### EN 54-5: 2000 + A1: 2002

Fire detection and fire alarm systems. Heat detectors. Point detectors.

## Tech Specs

Detector Class	Rate of Rise & Fixed Heat (A1R) Fixed Heat (A2S) Fixed Heat (CS)
Alarm Condition	Rate of Rise & Fixed Heat (A1R): 57°C Fixed Heat (A2S): 57°C Fixed Heat (CS): 90°C
Coverage	50m <sup>2</sup>
Operating Voltage	10.50 to 33Vdc
Quiescent Current	60µA
Alarm Current	45mA
Remote Output	20mA at 24Vdc
Operating Conditions	Tested to: -10°C to +50°C (14°F to 122°F) Maximum Continuous Temperature: 0°C (32°F) Humidity: 0% to 95% RH, non-condensing
IP Rating	IP43
Design Environment	Indoor Use Only
Weight	0.075kg (0.16lbs)

## Ordering Information

Part Number	Description
16-051	ProFyre Addressable A1R (ROR) Heat Detector
16-052	ProFyre Addressable A2S (Fixed) Heat Detector
16-054	ProFyre Addressable CS (Fixed 90°C) Heat Detector