

## ActiV?A1R Rate-of-Rise Heat?Detector. Needs base

Part No. **C4403A1R**



### Overview

A high-quality Type A1R static/rate of rise heat detector offering outstanding detection performance at a very competitive price.

Manufactured by C-TEC in the UK.

Third-party certified to EN54-5 by Intertek.

Wide 6-33V DC operating voltage.

Two 8mm x 2mm ultra-bright red LED indicating strips offering 360° visibility.

Compatible with our ActiV C4408D diode, C4408 non-diode and C4408R relay bases.

### Technical Specifications

|                             |                                                                                                                                         |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Approvals/certifications    | Certified to EN54-5 by Intertek.                                                                                                        |
| Application/operation       | Generates an alarm condition when it detects a sudden rise in temperature or if it detects a static temperature of between 54°C & 65°C. |
| Application temperature     | 25°C typical, 50°C max.                                                                                                                 |
| Static response temperature | 54°C min, 65°C max.                                                                                                                     |
| Supply wiring               | 2-wire monitored, polarity sensitive.                                                                                                   |
| Supply/operating voltage    | 9 to 33V DC.                                                                                                                            |
| Quiescent current           | 30µA @ 24 VDC.                                                                                                                          |
| Alarm voltage               | 6-33V DC.                                                                                                                               |
| Alarm current               | 19mA @ 12-33V DC; 11mA @ 9V DC; 2.5mA @ 6V DC.                                                                                          |
| Alarm reset voltage         | Less than 1V DC (+0.5 seconds alarm reset time).                                                                                        |
| Expansion connections       | Remote LED output available via ActiV base. Current source to the negative line, short-circuit protected. Max voltage 2.7V DC.          |
| Product dimensions (mm)     | 102.2mm diameter x 37mm deep (detector in base); 102.2mm diameter x 57.5mm deep.                                                        |
| Construction & finish       | White polycarbonate casing rated to UL94 V-2 with nylon parts.                                                                          |



IP Rating

IP42.

Weight

99g.



**T** 01942 322744    **E** [sales@c-tec.co.uk](mailto:sales@c-tec.co.uk)  
**F** 01942 829867    **W** [www.c-tec.com](http://www.c-tec.com)



C-TEC, Challenge Way, Martland Park, Wigan, WN5 0LD United Kingdom