



ActiV Rate of Rise Heat Detector

Conventional – Devices

Part No. C4403AIR

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Product Details

The C4403AIR class AIR rate-of-rise heat detector generates an alarm condition when it detects a sudden rise in temperature or if it detects a static temperature of between 54°C and 65°C. Heat detectors are typically used in environments where smoke detectors cannot be installed, for example, in areas susceptible to fumes, airborne materials and smoke such as in kitchens, loading bays, workshops, wood mills and nightclubs.



Key Features

- A high-quality Type AIR 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.
Weight	99g.