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Illumino Ignis Ltd™
LIGHTING & FIRE DESIGN, SUPPLY & SUPPORT

Open-Area Sounder

Two-Wire - Devices

Part No. 55000-193APO | 55000-190APO

www.illuminoignis.co.uk

Product Details

Caution: System compatibility

AlarmSense detectors can only be used in a system that is powered and controlled by purpose designed AlarmSense fire control panels and indicating equipment*.

There are two heat detectors in the AlarmSense range designed to suit a wide variety of operating conditions. A static heat detector (CS) which responds only when a fixed temperature has been reached and a rate-of-rise detector (A1R) which has a fixed upper limit, but in addition, measures the rate of increase in temperature.



Key Features

- Can be used for applications where smoke detectors are unsuitable.
- Ideal for environments that are dirty or smoky under normal conditions
- CS detectors are ideal for use in environments with rapid temperature fluctuations such as boiler rooms
- Reduces false alarms
- Quick and simple installation
- 360° visibility of LEDs

* For further information on suitable fire control panels please contact Apollo Technical Sales: techsales@apollo-fire.com

Technical Specifications

All data is supplied subject to change without notice. Specifications are typical at 24 V, 25°C and 50% RH unless otherwise stated.

Detection principle	Heat sensitive resistance using a single NTC thermistor	
Sampling frequency	Once every four seconds	
Supply voltage	9 V dc to 33 V dc	
Supply wiring	Two wire supply, polarity insensitive	
Quiescent current at 15 V	< 50 µA	
Alarm current at	2 - 8.5 V	< 1.5 mA
	10.5 - 15 V	25 ± 2 mA
	18 - 24 V	< 1.5 mA
	33 V	< 2 mA
Maximum reset voltage	2 V	
Reset time	1 sec	
Max supply interruption time	40 ms	

Operating temperature	A1R	-40 °C to +50 °C
	CS	-40 °C to +80 °C
Humidity (no condensation or icing)	0% to 95% RH	
IP Rating	designed to IP44	
Standards and approvals	EN 54-5, CPR and FG	
Dimensions	100 mm diameter x 42 mm height 100 mm diameter x 50 mm height in base	
Weight	80 g detector	
Materials	Housing: White flame-retardant polycarbonate Terminals: Nickel plated stainless steel	

EMC Directive 2014/30/EU

The AlarmSense Heat Detectors comply with the essential requirements of the EMC Directive 2014/30/EU, provided that they are used as described in this datasheet.

Conformity of the AlarmSense Heat Detectors with the EMC Directive, does not confer compliance with the directive on any apparatus or systems connected to it.

A copy of the Declaration of Conformity is available from Apollo upon request.

Construction Products Regulation 305/2011/EU

The AlarmSense Heat Detectors comply with the essential requirements of the Construction Products Regulation 305/2011/EU.

A copy of the Declaration of Performance is available from Apollo upon request.

All information in this document is given in good faith but Apollo Fire Detectors Ltd cannot be held responsible for any omissions or errors.
The company reserves the right to change the specifications of products at any time and without prior notice

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