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

Heat Detector with Mounting Base

Radio - Devices

Part No. XPA-CB-11170-APO

www.illuminoignis.co.uk

Product Details

The XPander range has two heat detectors to suit operating conditions in which smoke detectors are unsuitable. The A1R detector is classified as a rate-of-rise detector and the CS detector is classified as a static detector.

Choosing the right detector

The choice of the right type of detector for a particular application is important. Use the A1R where sudden increases of heat do not occur in normal circumstances. Otherwise use the CS detector.



Key Features

- Wireless
- Can be used in 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
- XPERT card addressing system
- Five year battery life using alkaline Panasonic® Powerline or Varta® Industrial AA batteries

Technical Specifications

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

Detection principle	Measurement of heat by means of a thermistor	
Sampling frequency	Once every two seconds	
Digital communication	XP95, Discovery and CoreProtocol compatible	
Supply voltage	Regulated 3 V from radio base	
Alarm indicator	Integral indicator 360° visibility	
Operating temperature	-10°C to 50°C	
Humidity	0% to 95% RH (no condensation or icing)	
Effect of atmospheric pressure	None	
Effect of wind	None	
Vibration, impact and shock	EN54 - 5	
Designed to IP Rating	IP23D	
Standards and approvals	EN 54-5, CPR	
Dimensions	Detector only	100 mm diameter x 30 mm high
	Detector and base	105 mm diameter x 80 mm high
Weight	Detector only	80 g
	Detector and base	400 g
Materials	White flame-retardant polycarbonate	
Recommended AAbatteries to achieve five year battery life	Panasonic® Powerline Varta® Industrial	

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EMC Directive 2014/30/EU

The XPander Heat Detector complies with the essential requirements of the EMC Directive 2014/30/EU, provided that it is used as described in this data sheet.

A copy of the Declaration of Conformity is available from the Apollo website: www.apollo-fire.co.uk.

Conformity of the XPander Heat Detector with the EMC Directive, does not confer compliance with the directive on any apparatus or systems connected to them.

Construction Products Regulation 305/2011/EU

The XPander Heat Detector complies with the essential requirements of the Construction Products Regulation 305/2011/EU.

A copy of the Declaration of Performance is available from the Apollo website: www.apollo-fire.co.uk

Radio Equipment Directive 2014/53/EU

The XPander Heat Detectors comply with the essential requirements of the Radio Equipment Directive 2014/53/EU provided that they are used as described in this data sheet.

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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