

XPander

Heat Detector with Mounting Base



Product overview	
Product	XPander Heat Detector - A1R - with Mounting Base
Part No.	XPA-CB-11170-AP0
Product	XPander Heat Detector - CS - with Mounting Base
Part No.	XPA-CB-11171-AP0
Digital communication	XP95, Discovery and CoreProtocol® compatible

Compliance



Product information

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.

- 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 data

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

Measurement of heat by means of a Detection principle

thermistor

Sampling frequency Once every two seconds Digital communication XP95, Discovery and CoreProtocol

Regulated 3 V from radio base Supply voltage Alarm indicator Integral indicator 360° visibility

-10°C to 50°C Operating temperature

Humidity 0% to 95% RH (no condensation or

icina)

Effect of atmospheric None

pressure

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 o

Materials White flame-retardant

polycarbonate

Recommended AAbatteries to Panasonic® Powerline achieve five year battery life Varta® Industrial

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.

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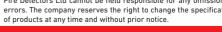
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