



# FA016

## DATASHEET

### Photoelectric Smoke Alarm

#### STANDARD FEATURES

- Band 1 photoelectric sensor
- Automatic dust compensation
- Easy to use large Test / Silence button
- Memory function
- Energy efficient and low power consumption

The FA016 alarm features a high-performance photoelectric smoke sensor, ideal for detecting smoke from slow, smouldering fires. In addition, the chamber design, integrated insect screen and unique dust compensation algorithm reduce the risk of nuisance alarms.

The FA016 is powered by 16Vdc main supply provided by Brooks FA40/FA80 Residential Control and Indicating Equipment (RCIE). FA016 must only be connected to an F40 / F80 RCIE.

The FA016 includes a built in rechargeable 10-year non-removable lithium battery, that can power the unit for up to 6 months in the event of the 16Vdc supply failure.

#### POWERED BY



FA40

#### OTHER FA COMPATIBLE DEVICES

- FA014 - Heat Alarm
- FA024 - Multi-sensor Alarm (Smoke and Heat)
- FA000 - Base



Scan QR code for the instruction manual

Conforms to AS3786 2014 & AS3786 2023 Band 1



Manufactured to ISO 9001 quality standards

#### SPECIFICATION

Model Number:	<b>FA016</b>
Sensor Type	Photoelectric Type A Band 1
Supply Voltage	16Vdc (ELV)
Power Consumption	0.048W (standby)
Battery back-up	10 year Non-removable rechargeable lithium battery
Sound Level	85 dB(A) at 3m
Silence function	Silences alarm for 10 minutes Silences fault chirps for 12 hours
Indicator LED's	<b>Green LED</b> - Power <b>Red LED</b> - Alarm silence mode memory function <b>Yellow LED</b> - Fault
End of Service Life	Audible and visual indicators (3 yellow flashes and 3 beeps)
Insect screen	Fine Mesh
Fixing	Slide & lock into FA000 Base (Sold separately)
Temperature Range	-10°C to 40°C
Humidity Range	15 % to 95 % RH (non-condensing) <sup>1</sup>
Plastic material	UL94VO flame retardant
Dimensions	Product - 150mm x 55mm Package - 180mm x 155mm x 62mm
Weight	312g (Pack +66g)
Warranty	5 year (limited) warranty