

EIB605TYC - Photoelectric Smoke Alarm

10 Year Lithium Battery Hardwire interconnection

Key Features

- ▶ High performance optical chamber
- ▶ Powered for life lithium battery
- ▶ Hardwire interconnection
- ▶ Optional upgrade for wireless interconnect with EIB605MTYRF **RadioLINK** module
- ▶ Early detection to standard domestic fires
- ▶ Large easy to use Test/Hush button
- ▶ Silence nuisance/false alarms
- ▶ Built in sounder - 85dB(A) at 3 metres
- ▶ Alarm Fault warnings
- ▶ Conforms to AS3786:2014 + A1:2015
- ▶ 5 Year guarantee

Product Description

The EIB605TYC Photoelectric Smoke Alarm operates on the light scatter principle to detect smoke particles entering the optical chamber. This Photoelectric Smoke Alarm is sensitive to all domestic fire types but is especially sensitive to visible smouldering fires.

The EIB605TYC modular design allows it to be upgraded for RadioLINK functionality with the addition of an RF module.

The EIB605TYC has a 10 Year Lithium battery that is non replaceable.

The EIB605TYC is supplied with screw fixings with simple to install twist on base. The twist on action activates an internal switch and powers on the Alarm. The EIB605TYC is fitted with a large easy to use Test Button to facilitate frequent testing of the Alarm. The Test button can also be used to silence nuisance alarms, e.g. cooking fumes, for a 10 minute period. The sounder will automatically stop sounding when smoke particles are no longer present in the chamber.

The EIB605TYC self-checks its chamber sensor, battery voltage and internal circuitry every 40 seconds. Any fault condition found will be indicated by a combination of Red LED flashes and/or sound beeps.

Up to 12 battery powered smoke and heat Alarms may be linked using hardwire or RF connectivity.¹ RadioLINK enabled smoke and/or heat alarms can be house coded as a system to prevent communication with other nearby RadioLINK systems.

The Alarm is not powered until it is twisted onto the mounting base, thus avoiding battery power consumption during storage and prior to installation.

Due to continual product development, Brooks reserve the right to alter product details and specifications without prior notice.

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Technical Specification

Sensor Type:	Optical Chamber
Supply Voltage:	9V Lithium Battery (non replaceable)
Sound Level:	85 dB(A) at 3m
Interconnect:	Hardwire interconnect (Up to 12 interconnected devices) ¹
Normal Operating and Storage Temperature:	Range 0°C to 40°C ²
Normal Operating and Storage Humidity Range	15 % to 95 % Relative Humidity (non-condensing)
Button Test:	Simulates the effect of smoke and checks chamber, electronics and horn
Indicator LED's:	Power - Red LED flashes every 40 seconds Alarm - Red LED flashes rapidly and sounder is activated on Alarm sensing fire and all interconnected Alarms
Dimensions:	Product - 115mm x 50mm
Fixings:	Screw fixings and mounting plate supplied
Weight:	185g
Warranty:	5 year (limited) warranty
Approvals:	AS3786:2014 + A1:2015



Manufactured to ISO 9001:2008 quality standards.

1. Contact Brooks for further advice if additional devices are required
2. Temperature and Humidity conditions are for normal operation and storage. Units will function outside these ranges as required by the specific product Standards. Extended exposure to conditions outside these ranges can reduce product life. For advice on prolonged operation outside these ranges consult the manufacturer.

Accessories

Wireless: EIB450, EIB411RF, EIB170RF, EIB413RF, EIB407RF, EIB408RF, EIB408RFH and EIB428RF

Hardwire Interconnection : EIB605C, EIB603C and EIB603TYC

Note: For full specification and limitation of use refer to the specific product data sheet.