

BAATLS / BAAISO - Alarm Controllers

Mains Powered 230V

Product Description

Smoke Alarms are designed to detect smoke particles in the air. However, other airborne particles, i.e. steam, cooking fumes, dust, etc. can also cause smoke alarms to generate false alarms. With interconnected smoke/heat alarms, when one alarm senses smoke/heat/CO, all alarms will sound. With these Brooks alarm controllers, they can provide the occupant with easier inspection, service and identification of where these false alarms have initiated.

Two models for Alarm Controllers are available:

1. BAATLS: To test, locate and silence active 230Vac smoke/heat alarms
2. BAAISO: To only isolate active 230-volt smoke/heat alarms



Compatible Smoke/Heat Alarms

Both BAAISO and BAATLS can be used with Brooks 230Vac interconnectable range of smoke/heat/CO alarms, 160e, 140RC and 3000 Series smoke/heat/CO alarms.

All 160e, 140RC and 3000 Series smoke/heat/CO alarms MUST be fitted with EIBPLATE when connecting to BAATLS or BAAISO. The EIBPLATE has an additional terminal to connect the battery negative required for connection to BAATLS or BAAISO.

Photoelectric:	EIB166e, EIB146RC, EIB3016
Ionisation:	EIB161e, EIB141RC
Heat:	EIB144RC, EIB3014
Smoke/Heat Multi Sensor:	EIB3024
Heat/CO Multi Sensor:	EIB3028
Carbon Monoxide:	EIB3018

WARNING: Both BAAISO & BAATLS must be installed by a licensed electrician in accordance with regulations for electrical installation (AS3000). Failure to install the alarms correctly may expose the user to shock or fire hazard.

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

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1. BAATLS Alarm Test, Locate and Silence

The BAATLS controller has 3 functions:

1. Remote testing of all interconnected alarms using the TEST button.
2. Identifies the originating alarm fire signal using the LOCATE button.
3. Silence all alarms using the SILENCE button.

Operation

1. TEST: The TEST function enables the user to remotely activate all the interconnected smoke/heat alarms simultaneously including those hard to reach alarms. To test the alarms, press the TEST button, to stop the test function, press the TEST button again.
2. LOCATE: This mode enables the originating smoke/heat alarm signal to be identified. Press and hold the LOCATE button for 3 seconds, the red indicator built into the button body of the alarm controller will illuminate for approximately 5 minutes. All alarms, other than the one sensing smoke/heat, will stop sounding for the same period. Once the originating alarm is identified via the LOCATE button, the alarm can be checked and corrected, refer to the nuisance and false alarm section in the user manual for the related alarm. The locate function automatically resets after the locate time has elapsed.
3. SILENCE: The Brooks BAATLS provides a means of silencing all alarms. When the SILENCE button is activated, the silence function removes (approximately 5 minutes) both primary and secondary power to the smoke/heat alarms, disabling all connected alarms.

During these 5 minutes, the occupant can remove the source of the nuisance alarm to check and clear the sensing chamber. The BAATLS automatically resets after the 5-minute period. If the sensing chamber is clear, the smoke/heat alarm will reset otherwise all alarms will re-sound.

NOTE: The Locate and Silence switch can be pressed only when a Smoke/Heat Alarm becomes activated (sounding).

Installation

The BAATLS is mounted on a Clipsal Series 2000 single gang switch plate. It can be flush mounted on gyprock walls same as any standard light switch or surface mounted using a Clipsal No 449A (series 2000) mounting block.

For all 3 functions to work (Test, Locate and Silence), only one BAATLS must be placed at the beginning of the circuit and wired as shows in Figure 1 BAATLS Wiring Diagram.

It is possible to use multiple BAATLS in one circuit but note that only the Test and Locate functions will operate correctly. If the Silence were to be used in this scenario, only the downstream Alarms will be silenced.

In any case, only one power source (circuit breaker) must feed the entire circuit and neutral cannot be mixed.

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Block Wiring Diagram

Alarm Controller - Mains Powered

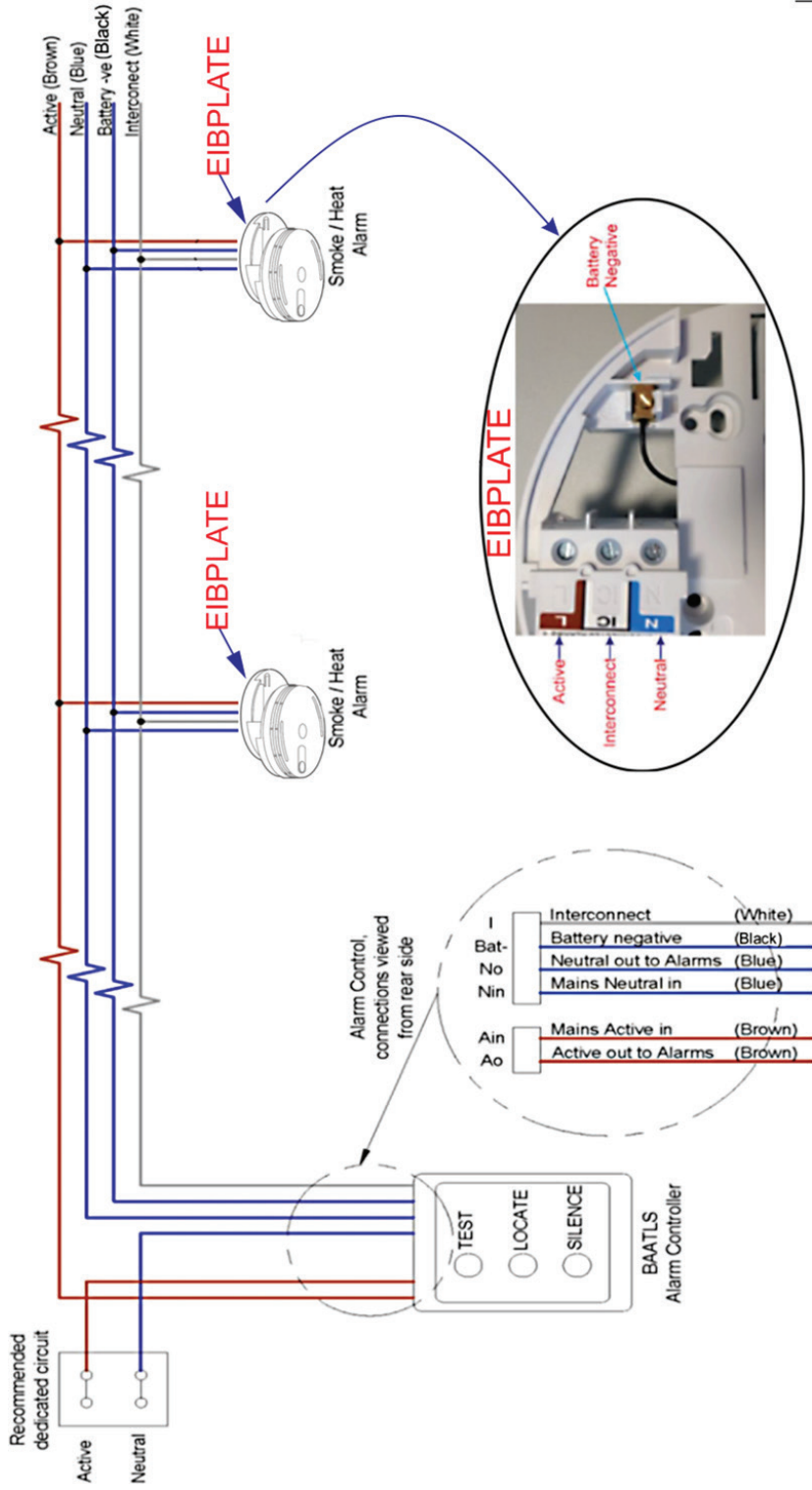


Figure 1 BAATLS Wiring Diagram

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2. BAAISO Alarm Isolator

The Brooks Alarm Isolator provides a means of silencing nuisance alarms. When activated, the Alarm Isolator removes for a period of approximately 5 minutes, both primary and secondary power to the Smoke/Heat Alarms, disabling all connected Alarms.

During this 5 minute period, the occupant can remove the source of the nuisance alarm, the Smoke/Heat Alarm will reset once the source of the alarm clears. The Alarm Isolator automatically resets after the 5 minute period.

NOTE: The Alarm Isolator switch can be pressed only when a Smoke/Heat Alarm becomes active (sounding).

Installation

The Alarm Isolator BAAISO is mounted on a single gang switch same as the Alarm Controller BAATLS. BAAISO must be placed at the beginning of the circuit. Wire connections as given on Figure 2.

Block Wiring Diagram

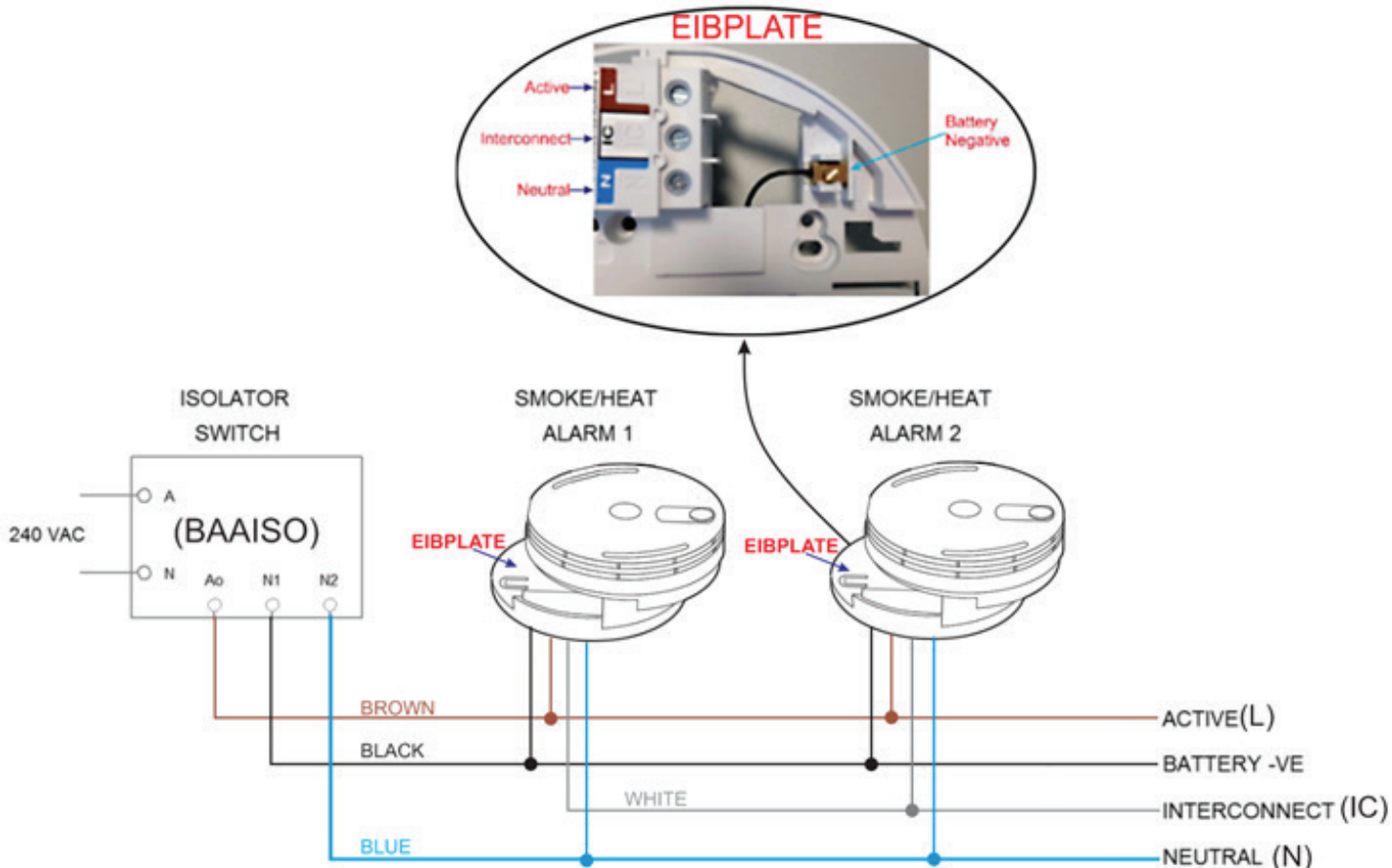


Figure 2 BAAISO Alarm Isolator Wiring Diagram

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