red SMOKE ALARMS

Instruction Manual

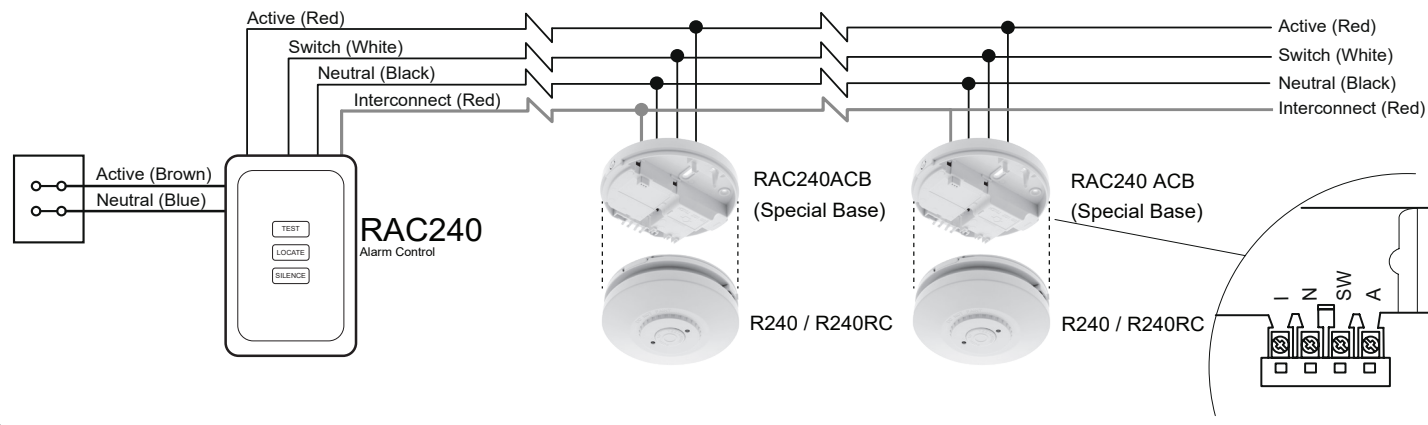# RAC240 ~230V AC Mains power Alarm Controller

Wiring Diagram

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 functions, 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 elapses.

3. SILENCE:

The Red Smoke Alarm RAC240 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 removed the source of the nuisance alarm to check and clear the sensing chamber. The RAC240 automatically resets after the 5 minutes period. If the sensing chamber is clear, the smoke/heat alarm will reset otherwise all alarms will re-sound.

Note: The Locate / Silence switch can be pressed only when a smoke/heat alarm is activated (sounding).

Installation:

For all 3 functions to work (Test, Locate and Silence), only one RAC240 must be placed all the beginning of the circuit and wired as shown in Figure 1 RAC240 Wiring Diagram.

Compatible Products

The RAC240 is compatible with RED R240 & R240RC alarms, these must also be fitted with RED Isolator bases - R240ACB which have an additional terminal that connects the battery negative required for correct connection and operation of the RAC240 controller.

INSTRUCTION LEAFLET

Contains vital information on unit operation and installation. Read carefully and retain. If you are an installer, this leaflet must be given to the householder.

WARNING:

The RAC240 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.