



INSTRUCTION MANUAL

R240ACB ISOLATOR BASE

Mains Powered R230V

Product Description

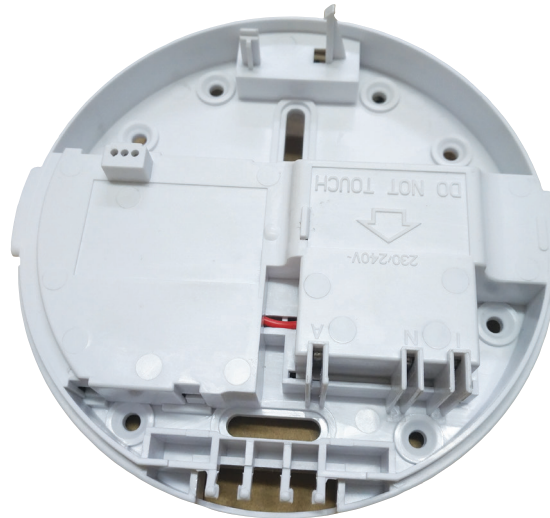
R240ACB (isolator base) is designed to be installed with R240 series and R240RC series smoke alarms and Red Smoke Alarm RAC240 to function with Test/Locate/Silence capabilities. R240ACB must be used where a four-wire circuit is installed with the isolator feature.

The standard R240/R240RC mounting plate cannot be used in a four wire smoke/heat alarm system and must be replaced with the isolator base R240ACB.

Mode of Operation

The R240ACB mounting plate retains all the functionality of a standard mounting plate but has additional features required where the isolator function is to be used. It can be easily distinguished from the standard plate by the warning label.

The R240AC base separates the switch wire (disconnect) and neutral connections to provide a 4-wire circuit where the isolator feature is required in a smoke/heat alarm system.



Installation

Terminate the wiring from the Isolator units or R240/R240RC to the terminal block of R240ACB as follows:

- I: Interconnect-** connects to I between smoke alarms
- N: Neutral-** connects to the Neutral incoming wire from the Isolator N
- SW: Switch-** disconnects the Switch wire from the Isolator
- A: Live-** connects to the Active incoming wire from the Isolator A

Refer to respective manuals for wiring details.

NOTE: Switch wire must be fitted to "SW" terminal.

R240 Series and R240R Series smoke alarm heads, lock onto the R240ACB with a click sound heard. Refer to respective smoke alarm manuals for details of head removal and attachment.

Choose a suitable mounting hole on the Isolator Base to secure with screws onto the ceiling.

Instruction Leaflet

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

Warning

Mixing the Active and Neutral (Switch) connections will damage the alarm. Ensure that the same colours are used throughout the premises for Active, Neutral, Switch and Interconnect wires.

The R240ACB 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.

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