

EIBPLATE - 230-volt Isolator Base

Mains Powered 230V

Product Description

Use the EIBPLATE where a 4 wire circuit in the EIB160e Series and EIB140RC Series smoke alarms are installed with the isolator feature.

The standard EIB160e/EIB140RC mounting plate cannot be used in a four wire smoke/heat alarm system and must be replaced with the isolator base EIBPLATE.

EIBPLATE is compatible with Brooks Alarm Isolator BAAISO and BAATLS, or when the EIB160e Series is used with Alarm 2000 residential control panel.



Mode of Operation

The EIBPLATE 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 yellow label.

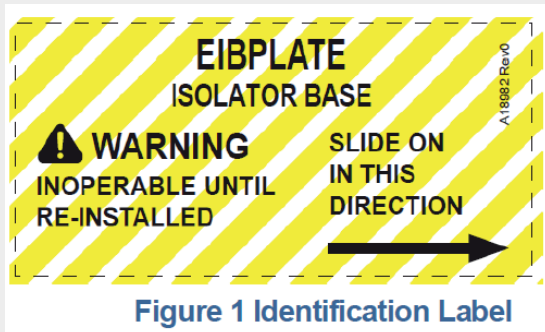


Figure 1 Identification Label

The EIBPLATE base separates the battery negative and neutral connections to provide a 4-wire circuit where the isolator feature is required in a smoke/heat alarm system.

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

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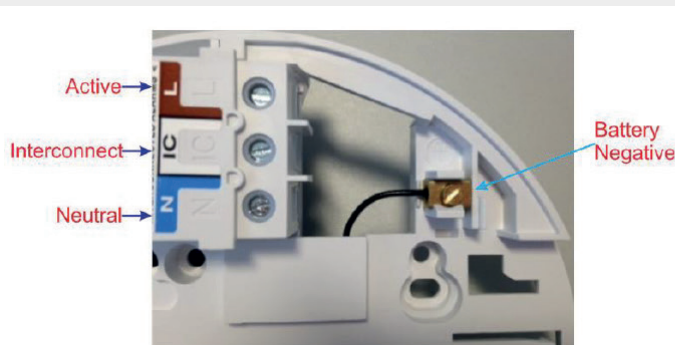


Figure 2 Terminals (Cover removed)

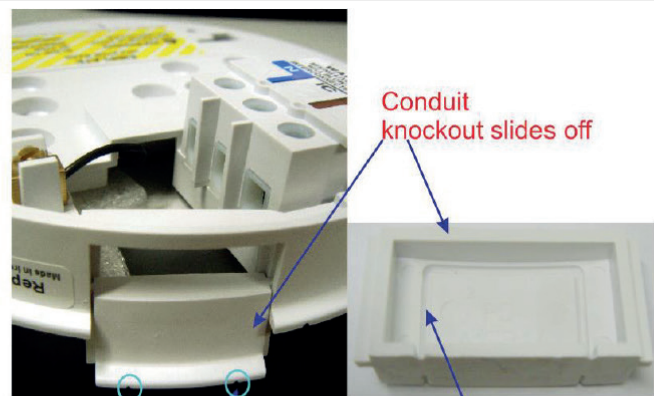


Figure 3 Conduit Cover

Installation

Slide off the conduit cover (Figure 3) for cable entry into the base. Cut along the guide notches for a smaller conduit size of 16 x 16mm.

Terminate the wiring from the Isolator units or Alarm 2000 to the terminal block of EIBPLATE as follows:

- L: Live - connects to the Active incoming wire from the Isolator **A0**.
- N: Neutral - connects to the Neutral incoming wire from the Isolator **N2**.
- B: Battery -Ve - connects to the battery -Ve incoming wire from the Isolator **N1**.
- IC: Interconnect - connects to **IC** between Smoke Alarms.

Refer to respective manuals for wiring details.

NOTE: Battery negative incoming wire must be fitted with the black wire connected to "B" terminal as shown in figure 2.

EIB160e Series and EIB140RC Series smoke alarm heads, slides onto this EIBPLATE and locks into place with a click sound heard. Read 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. Do not peel off the foam at the bottom of the base. This foam is to prevent air flow movement around it from affecting the smoke alarm.

Warning

Mixing the Active and Neutral (or battery -Ve) connections will damage the alarm.

Ensure that the same colours are used throughout the premises for Active, Neutral, Battery negative and Interconnect wires.

EIBPLATE Mains Isolator Base must be installed by a licensed electrician as per the requirements of AS3000.

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