

# Relay Module

## 230V~ Mains Powered

### Model Ei158R

- For use with 150 Series alarms
- Volt free contacts as supplied for multiple use
- Can be configured to switch a 230V or 24V device
- Trunking knock-outs for easy and neat wiring
- Additional connectors for ease of wiring
- Continuous or Pulse operation
- Fits discreetly behind any Smoke/Heat alarm
- 5 Year Guarantee



### Product Description

The Ei158R is a Relay module that runs on 230V AC mains power

The module has a set of Volt Free contacts (Normally Open and Normally Closed) as standard but can be configured to give a 230V output or a 24V output using an external 24V supply

Any combination of 150 series alarms can be used (up to 12 including the relay)

The module is designed to fit underneath the smoke or heat alarm

The module has additional trunking knock outs for ease of wiring

The module can give a Continuous or Pulse output. The pulse output will switch back the relay contacts to their original state after 5 seconds operation

### Operation

- On receiving a signal from the alarm system, the relay contacts will be operated causing a signal to be sent to the device to which it is connected
- The Ei158R can be used to switch into a range of devices, ranging from indicating lights to magnetic door holders
- When modified for a 230V or 24V output, they can operate a range of different devices
- The module can be switched to give a Pulse output, or Continuous output for different applications



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Ei158R DataSht Rev 1 05.12.13

## Model Ei158R

### Technical Specification

1. The relay is designed to operate whilst the alarm system is sounding, to signal ancillary devices such as door closers, extractors, remote sounders etc. When any of the interconnected alarms sound the signal will cause the relay contacts to switch.
2. The relay is mains powered and operates on receipt of a signal from the interconnect line of a smoke or heat alarm. The relay does not operate if mains power is not present.
3. Volt free contacts – (Normally Open or Normally Closed) rated up to 240V AC / 5 Amps, making it suitable for use with a wide range of AC or DC voltages.
4. Any combination of Ei151TL, Ei154TL and Ei156TLH smoke/heat alarms can be interconnected to a maximum of 12 units in total (1 x Ei158R counts as one unit).
5. More than one relay can be used in a set of interconnected alarms on the condition that no more than 12 units are used in the system (1 x Ei158R counts as one unit).
6. Fitted with a 6 way connector block for ease of wiring.
7. The relay can be set for Continuous or Pulse operation by operation of a manual switch – when in Pulse operation mode, the relay contacts will automatically switch back to their original state after 5 seconds.
8. Features 3 x 25mm trunking knockouts for surface wiring and centre knockout for recess wiring.
9. Dimensions of unit – 140 x 120 x 20mm.
10. Weight inclusive of packaging: 170g.
11. Manufactured in Ireland.



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