

# Relay Module

## 230V~ Mains Powered

### Model Ei128R

- For use with 2100, 160RC and 140RC Series alarms (and 260 series Carbon Monoxide Alarms when using Ei128COV - cover)
- 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 Ei128R 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 2100, 160RC, 140RC or 260RC series alarms can be used (up to 12 including the relay).

The module is designed to fit underneath any smoke or heat alarm. However a cover (Ei128COV) is available as an option if there is a need for siting the unit remotely.

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 Ei128R 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



## Model Ei128R

### 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, heat or CO 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 2100, 160RC, 140RC or 260RC series smoke, heat or CO alarms can be interconnected to a maximum of 12 units in total (1 x Ei128R counts as one unit).
5. The Ei128R is designed for siting under one of the smoke/heat alarms listed at point 4 above. However, a cover, Ei128COV, is required if wiring with 260 series CO alarms and is also available as an optional extra if there is a need for siting the unit remotely.
6. 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 Ei128R counts as one unit).
7. Fitted with a 4 way connector block for ease of wiring.
8. 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.
9. Features 3 x 25mm trunking knockouts for surface wiring and centre knockout for recess wiring.
10. Dimensions of unit – 135mm dia x 20mm depth.
11. Weight inclusive of packaging: 170g.
12. Manufactured in Ireland.



Mile End Business Park, Oswestry, Shropshire SY10 8NN Tel. 0870 758 4000

Fax. 0870 758 4010

www.aico.co.uk

E & OE Our policy is one of continuous improvement.

We reserve the right to amend designs and specifications without prior notice.

Ei128R DataSht Rev1 03.06.13

Aico Ltd is a wholly owned subsidiary of Ei Electronics



Europe's Leader in Residential Fire + Gas Detection  
Ei Electronics, Shannon, Ireland



Made in  
Ireland