

Connecting Ei Electronic smoke and heat alarms to the mains supply

The following are the recommendations and guidelines for connecting Ei Electronic smoke and heat alarms to the mains supply.

- We recommend that all the alarms in the system be connected to the permanent live side of a regularly used local lighting circuit.
- An alternative option is to connect the alarms to a dedicated circuit.
- A maximum of 20 alarms be connected on a single circuit with a maximum over all cable length of 250m.
- For systems with 4 or more alarms we recommend that a control switch be fitted to deal with nuisance / false alarms should they arise. This is optional but we would consider it best practice.



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