Electric Relay

SKU: PH-ERS-A

Description

The Electric Relay switches the load for various heating, cooling and ventilation sources. It has no exposed buttons making it ideal for commercial applications.

Often installed behind a fuse spur it cannot be tampered with by occupants in the room, normally it is used to control Air Conditioning or Ventilation (HVAC) systems to the schedule setup on the app, or it can also be used to react to occupancy in a zone, switching off AC and HVAC units, saving energy when zones are not being used. For HVAC applications the temperature will be measured by a Room Sensor or Room Thermostat. Alternatively, this can switch any load up to 11A 230V, using its volt-free contact.

As it is mains-powered, the Electric Relay always boosts the signal for the other devices in the property. This increases the life of the battery-powered devices by providing easy lines of communication back to the Genius Hub.

Application

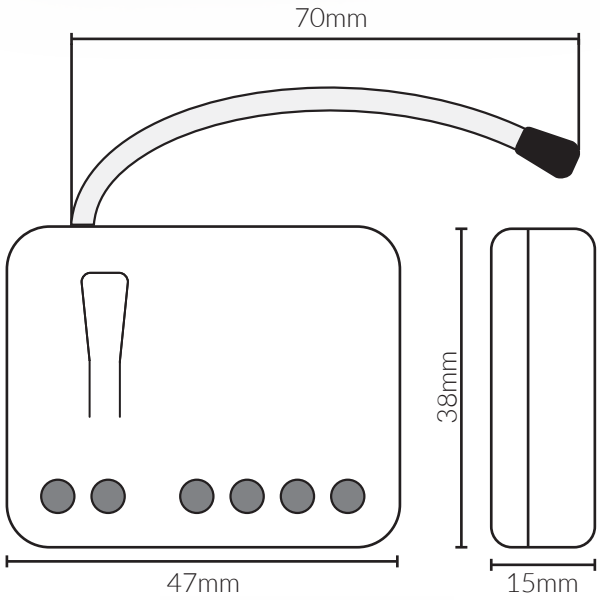
- Air Conditioning units - With run/stop connections
- MVHR (Mechanical Ventilation Heat
- Recovery) units - With run/stop connections
- BEMS (Building Energy Management Systems)
- Heated Towel Rails (Electric Only)
- Kickspace Heaters

Features

- Signal Boosting
- Control of 3rd party HVAC units

Technical Data

- Power Supply: 230V AC, 50Hz
- Transmission Frequency: 868.42 (EU) MHz
- Contact Type: Micro disconnection
- Resistive Load: 11A (2400W)
- Operating Temperature Range: 0°C to 40°C
- Relative Humidity: 5% to 85%
- Enclosure Protection: IP21
- Regulation: FCC part15.249, EN 300 220-1, NCC
- RoHS: Compliant
- Indoor Use Only



Example of Electric Relay Installed