

Specifications (at 25°C)

Input voltage:	230-240V ac
Frequency:	50Hz
Relay contact rating:	10A 240V ac 8A 30V dc
Approval No:	CS7826N

Features:

The Cat 643086 Smoke Alarm Interface enables Legrand 240V Smoke Alarms to be connected to remote alarm systems such as sirens, hooters etc, or to switch other appliances on or off in the event of a fire, for example emergency lighting or exhaust fans. It contains fully isolated, relay terminals.

How it works:

When a smoke alarm is triggered, either by smoke or by pushing the test button, a voltage appears on the interconnect terminal. This voltage is sensed by the Interface and the relay inside the interface is activated. However, the operation of this relay requires a 240V supply, hence active and neutral wires must be connected to the interface. The Isolated Relay Terminals are fully isolated from the 240V supply. They act in the same way as a normal on/off switch. Connect these terminals to your remote alarm system, or to the appliance you want to be controlled by the smoke alarm.

Wiring:

Connect the Active, interconnect and Neutral wires to the interlace and the smoke alarms as shown in Figure 1. Note that up to 20 HPM smoke alarms or 20 Legrand smoke alarms can be connected to the interface in this way. Only one type of smoke alarm is to be interconnected with the interface.

The 643086 can be set to turn the appliance ON or OFF when a smoke alarm is triggered. This is achieved through a jumper connection. To access the jumper remove the base plate and circuits board. To turn the appliance ON (normally open) the jumper should be open. To turn the appliance off (normally closed) the jump& should be shorted.

To switch a remote alarm or appliance when the smoke alarm sounds, use the wiring diagram shown in Figure 1.

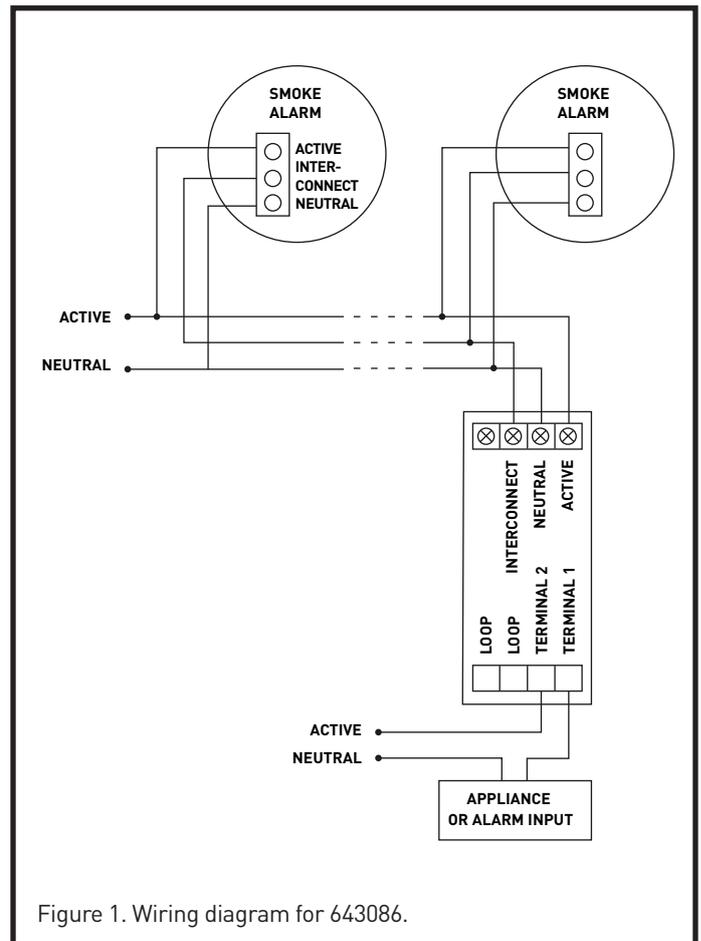


Figure 1. Wiring diagram for 643086.

Warranty

HPM Legrand will honour all statutory guarantees that you as a consumer are entitled to rely upon under the Australian and New Zealand Consumer Laws against a manufacturer, including a guarantee that this product is of acceptable quality.

To make a claim under any statutory guarantee you should first contact the supplier, or retailer from whom you purchased this product.

Customer Service

For all Customer Service and Technical Support enquires please call Monday to Friday during business hours.

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