

SMOKE/HEAT ALARM RELAY MODULE

READ ALL INSTRUCTIONS

This manual contains instructions for the installation of your relay module. This relay module is UL Listed as an accessory for use only with USI ELECTRIC and UNIVERSAL smoke alarms and heat alarms and is used to activate auxiliary devices. All devices to be activated must be 120 VAC, 60 Hz 5 Amps maximum, or 28 VDC 5 Amps maximum.

The relay module has "Form C Dry Contacts" only (normally open and normally closed) and does not supply 120 VAC to the load.

WARNING

This relay module will not operate without continuous 120 VAC power.

CAUTION

Do not interconnect your relay module with any other manufacturer's units. Doing so may cause permanent damage.

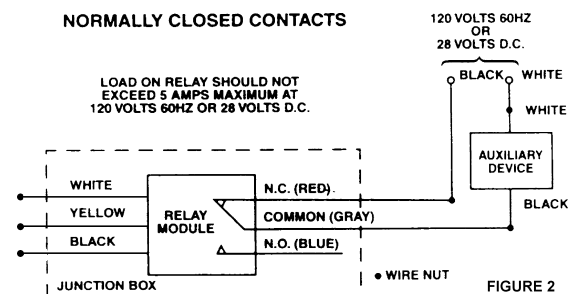
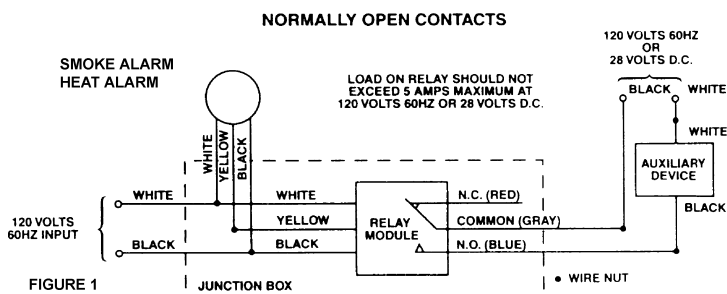
Suggested uses for the relay module include sirens, bells, exit signs, fire doors, exhaust fans, warning lights, visual indicators. This relay module is not recommended for use with security alarm panels or automatic dialers. NOTE: This relay is not intended for use in assisting persons with disabilities.

Each relay module replaces one smoke alarm load in an interconnected string of alarms. Therefore, the use of the relay reduces the maximum number of interconnected units by one. The relay module is not to be used as a method of extending the maximum number of alarms permitted in multiple station operation (refer to your alarm manual).

INSTALLATION INSTRUCTIONS

This relay module should be installed in a junction box. All connections should be made by a qualified electrician in accordance with requirements of the National Electric Code and/or any local codes having jurisdiction.

1. Turn off the main 120 VAC power circuit breaker.
2. Install smoke alarm; heat alarm as per instructions provided in instruction manuals.
3. Connect the black wire of the relay module to the black wire of the 120 VAC.
4. Connect the yellow wire of the relay module to the yellow wire of the smoke alarm or heat alarm.
5. Connect the white wire of the relay module to the white wire of the 120 VAC.
6. Connect the auxiliary device to the relay module contact leads as required. Both normally open and normally closed contacts are available to control the auxiliary device. NOTE: The relay contact rating is 5 Amps maximum at 120 VAC or 28 VDC. See NEC, Article 725-36(a)(2) for additional information on combining 120 VAC circuits with low voltage Class 2 and Class 3 circuits.
7. Any unused leads should be insulated with a wire nut.
8. Insert the relay module into the junction box and install the faceplate.
9. Apply 120 VAC power to the circuit and test the alarms and the auxiliary device for proper operation.
10. See Figures 1 and 2 below for examples of wiring normally open or normally closed circuits.



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