



RELAY MODULE 400 (RM1103-1)

111-324

INSTRUCTION MANUAL

This manual contains instructions for installing your Firex Relay Module. Your Relay Module is U.L. listed as an accessory for use with the Firex FXW-R (0428), FXW-1A, or FX1020 Smoke Alarm and can be used wherever auxiliary devices are to be activated. All devices to be activated by the Firex Relay Module shall be 120 Volt 60Hz 5 Amps maximum or 28 RDC 5 Amps maximum.

Use your **FIREX** Relay Module for:

- Sirens / Exit Signs / Bells
 - Warning Lights / Fire Doors / Exhaust Fans
 - Visual Indicators
- The Relay Module is not recommended for use with automatic dialers or security alarm panels.

CAUTION: THE RELAY MODULE IS NOT TO BE USED AS A METHOD OF EXTENDING THE MAXIMUM NUMBER OF SMOKE ALARMS PERMITTED IN MULTIPLE STATION OPERATION. (REFER TO SMOKE ALARM MANUAL FOR SPECIFIED MAXIMUM LIMIT.) EACH RELAY MODULE REPLACES ONE SMOKE DETECTOR LOAD IN AN INTERCONNECTED STRING, THEREFORE, USE OF THE RELAY REDUCES THE MAXIMUM NUMBER OF INTERCONNECTED SMOKE DETECTORS BY ONE.

INSTALLATION INSTRUCTIONS

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

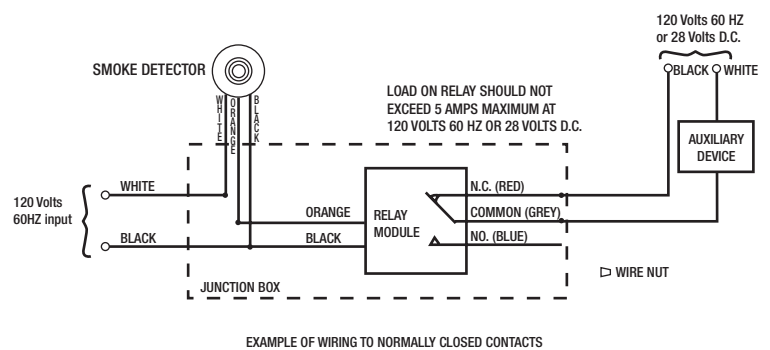
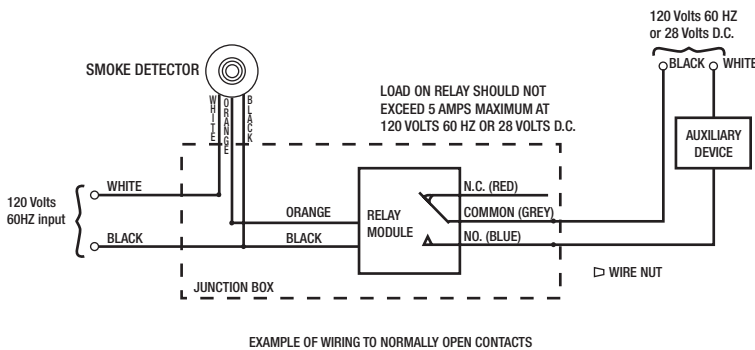
1. Turn off main power to circuit.
2. Install and wire your Firex FXW-1A or FX 1020 Smoke Alarm as recommended in your smoke alarm owner's manual.
3. Connect the black wires of the Relay Module and the smoke detector to the black wire of the 120 VAC line.
4. Connect the orange wire of the Relay Module to the orange wire of the smoke detector.
5. 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 max. @ 120 VAC or 28 VDC

6. Cap any unused leads with a wire nut.
7. Insert the Relay Module into the junction box and install the faceplate.
8. Apply power to the circuit and test the smoke detector and the auxiliary device for proper operation.
9. See below for examples of wiring to normally open or normally closed circuits.

INSTALLATION DIAGRAMS



CLIMATE CONTROLS AMERICAS LIMITED WARRANTY

Climate Controls Americas warrants to the original consumer purchaser each new Firex Relay Module to be free from defects in material and workmanship under normal use and service for a period of one (1) year from date of purchase. Climate Controls Americas agrees to repair or replace, at its option, any Firex Relay Module found defective provided that it is returned with postage prepaid and with proof of purchase date, to Climate Controls Americas. This Warranty does not cover any battery which may be used in the product, or any damage resulting therefrom, nor does this Warranty cover damage resulting from accident, misuse or abuse or lack of reasonable care of the product. This Warranty is in lieu of all other express warranties, obligations or liabilities. THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE LIMITED TO A PERIOD OF ONE (1) YEAR FROM PURCHASE DATE. Some states do not allow limitations on how long an implied warrant lasts, so the above limitation may not apply to you. In no case shall Climate Controls Americas be liable for any consequential damages for breach of this or any other warranty, express or implied, whatsoever. Some states do not allow the exclusion or consequential damages, so the above exclusion may not apply to you. This Warranty gives you specific legal rights, and you may also have other legal rights which vary from state to state.

Instructions for return:

State the trouble and place the module in a well padded carton and return postage paid to:

Climate Controls Americas
28C Leigh Fisher Blvd.
El Paso TX 79906



This product is Listed by
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LABORATORIES, INC.**

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