

# ACCESSORY MODULE

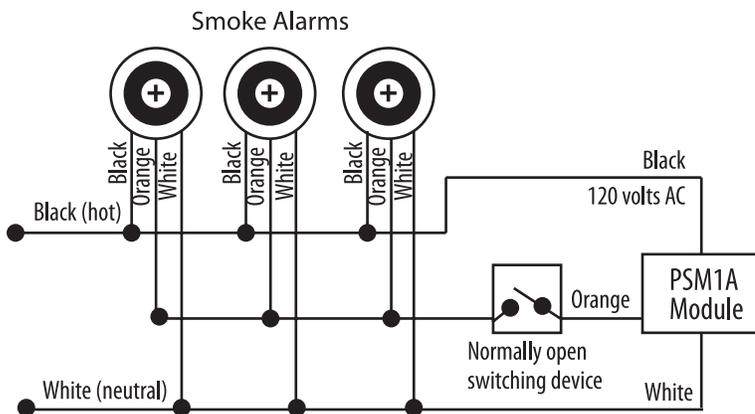
## READ INSTRUCTIONS CAREFULLY BEFORE INSTALLING MODULE

This contains instructions for installing your BRK Electronics PSM1A Accessor Module. This Accessory Module can only be used with BRK Electronics smoke alarms models 4919A, 5919A, 1005A, 86RAC-A and 86RACHA. These are all low-voltage interconnect smoke alarms, and will have only an orange interconnect wire.

**CAUTION:** Do not use with any other smoke alarms, such as the 1839 or 2839, or with smoke alarms made by a different manufacturer. Doing so will permanently damage the Accessory Module. Do not use with any BRK Electronics smoke alarm with a yellow interconnect wire--it is NOT COMPATIBLE with this module.

This accessory module will work with a normally open switch with dedicated contacts that has a rating of 120 volts AC, 3 Amps minimum. The contact should close upon actuation. The accessory module is designed to be interfaced with a maximum of 12 smoke alarms. Exceeding 12 alarms may impair proper operation. **This interconnect test does not test the smoke sensing operation of each individual alarm. Be sure to test each unit individually--using the test button on the cover of each alarm--as recommended in its user's manual.** Do not exceed operating temperature or humidity limits of 40° F to 100° F, and 10% to 90% relative humidity for either the smoke alarm or the module.

### WIRING DIAGRAM



### INSTALLATION INSTRUCTIONS

The Accessory Module should be installed in a junction box. All connections should be made by a qualified electrician in accordance with the requirements of Part 1 of the Canadian Electrical Code (Canada), and to any other local codes having jurisdiction.

**DANGER: ELECTRICAL SHOCK HAZARD.** Turn off power to the area where you plan to install the alarm at the fuse box or circuit breaker. Failure to disconnect power before installing the Accessory Module can result in electrical shock.

**WARNING:** This power pack will not operate without AC power. AC power must be supplied to initiate the 9V output on the interconnect wire. Interconnected AC/DC smoke alarms will not alarm when AC power is interrupted.

1. Turn off main power to the circuit.
2. Install and wire your BRK Electronics AC smoke alarms following the instructions in their user's manuals.
3. Connect the white wire on the Accessory Module to the white (neutral) wire of the AC line.
4. Connect the black wire on the Accessory Module to the black (hot) wire of the AC line.
5. connect the orange wire on the Accessory Module to either side of the switch contact.
6. Connect the opposite side of the switch contact to the orange wire on the interconnected smoke alarms.
7. Install the Accessor Module in the junction box.
8. Restore the power to the circuit, and test that all smoke alarms and Accessory Module switch are operating properly. All interconnected alarms should sound when you test any individual smoke alarm, or when you activate the Accessor Module switch.
9. Refer to the wiring diagram at the left for an example of how to connect the Accessory Module and a normally open switching device into the smoke alarm interconnect circuit.