

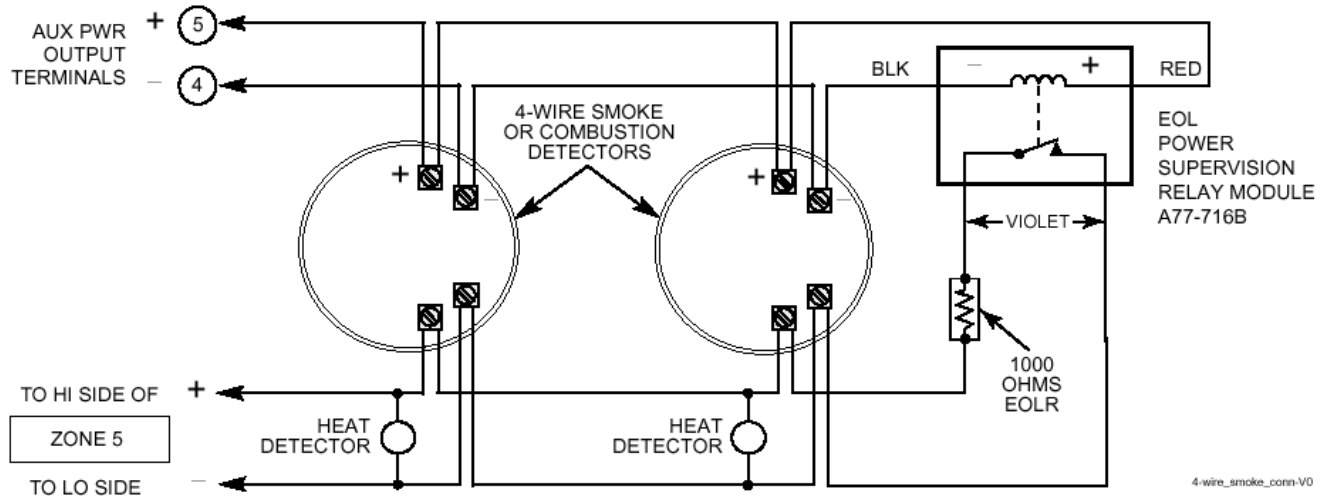
Via-30P

Wiring 4-Wire Smoke Detectors

Wiring 4-Wire Smoke Detectors on Zone 5

The system will support as many 4-wire detectors as can be powered from Auxiliary Power on the control on zone 5. Refer to the detector's instructions for complete details regarding its proper installation and operation.

1. Connect 12-volt power for the detectors from Auxiliary Power terminals 4 and 5 (which will interrupt power for fire alarm reset). Observe proper polarity when connecting detectors. See Figure 2-8.
2. Connect detectors (including heat detectors, if used) across terminals of zone 5. All detectors must be wired in parallel.
Remove 1000 ohm EOL resistor if connected across the zone terminals. You must connect the EOL resistor across the loop wires at the last detector.
3. To meet NFPA 72 requirements, you must use a supervisory module to supervise power (e.g., System Sensor No. A77-716B Relay module).



4-wire_smoke_conn-V0

Figure 2-8. 4-wire Smoke Detector Connections (Zone 5)