SMOKE DETECTOR (UL 268 COMPLIANT) BY OTHERS:

- **Provide a normally open auxiliary contact that is activated when the smoke detector goes into alarm.** This contact does not activate on general building alarm.

- **When there are multiple-unit systems in a common area that are activated by a single smoke detector:** Wire up to 4 smoke guard units to a single smoke detector in parallel. Multiple units on a common floor that are activated by the same smoke detector require alarm circuit wiring from the detector to each unit. The printed circuit board in each housing must see the end-of-line diode on the smoke detector.

END-OF-LINE DIODE:

- **By others:**
  - Install end-of-line diode (furnished by smoke guard) at initiating device.
  - In parallel with the normally open auxiliary contact.

ALARM CIRCUIT:

- **By others:**
  - Provide an alarm circuit from the normally open auxiliary contact of the smoke detector to the low voltage wires in the junction box on the side of the housing, using stranded wires, in raceways or conduit.

- **(After unit is installed) terminate the smoke detector wires to low voltage wires in the junction box on the side of the housing.**

**This drawing illustrates that up to 4 housings can be wired, in parallel, to the same end-of-diode at an initiating device (smoke detector) auxiliary contact.**