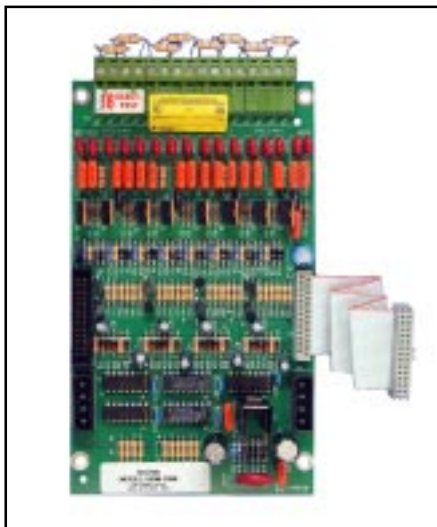


## HDM-1008 EIGHT INITIATING CIRCUIT MODULE



### STANDARD FEATURES

- Eight Class B (Style B) or 4 Class A (Style D) Initiating Circuits which can be configured as Alarm, Supervisory, Waterflow or Trouble Circuits
- Bi-Colored Alarm/Supervisory and Trouble LED provided for individual annunciation of each zone
- Slide-in labels for zone identification
- Programmable as Supervisory Circuit for Latching and Non-Latching
- All circuits are power limited for use with limited energy cable
- Removable terminal blocks for ease of wiring and servicing
- Extensive transient protection of all circuits

### SPECIFICATIONS

Output Voltage	22 VDC
Standby Current	50 mA
Max. Standby Current	3 mA
End of Line Resistor	3.9K ohm $\pm 5\%$ , $\frac{1}{2}$ W

Specifications subject to change without notice.

### GENERAL

The HDM-1008 Module provides the HCP-1000 Fire Alarm Control panels with up to 8 Class B (Style B) or 4 Class A (Style D) Initiating Circuits which can be configured for Alarm, Supervisory, Waterflow or Trouble circuits.

### APPLICATIONS

The HDM-1008 provides up to eight zones of Class B (Style B) or four Class A (Style D) Initiating circuits. Each of the circuits can be configured as either Alarm, Supervisory, Waterflow or Trouble zones. Each circuit can handle both powered devices such as smoke detectors and non-powered devices such as heat detectors, pull stations, waterflow devices, tamper switches, etc.

### INSTALLATION

The HDM-1008 consists of a PC board which mounts at the bottom of the chassis. The PC board is connected via cables to the board on the main chassis. Space is provided on the front panel allowing the application of slide-in labels for initiating zone description. Labels are provided with each chassis. Removable terminal blocks are provided for easy connection of field wiring and servicing.

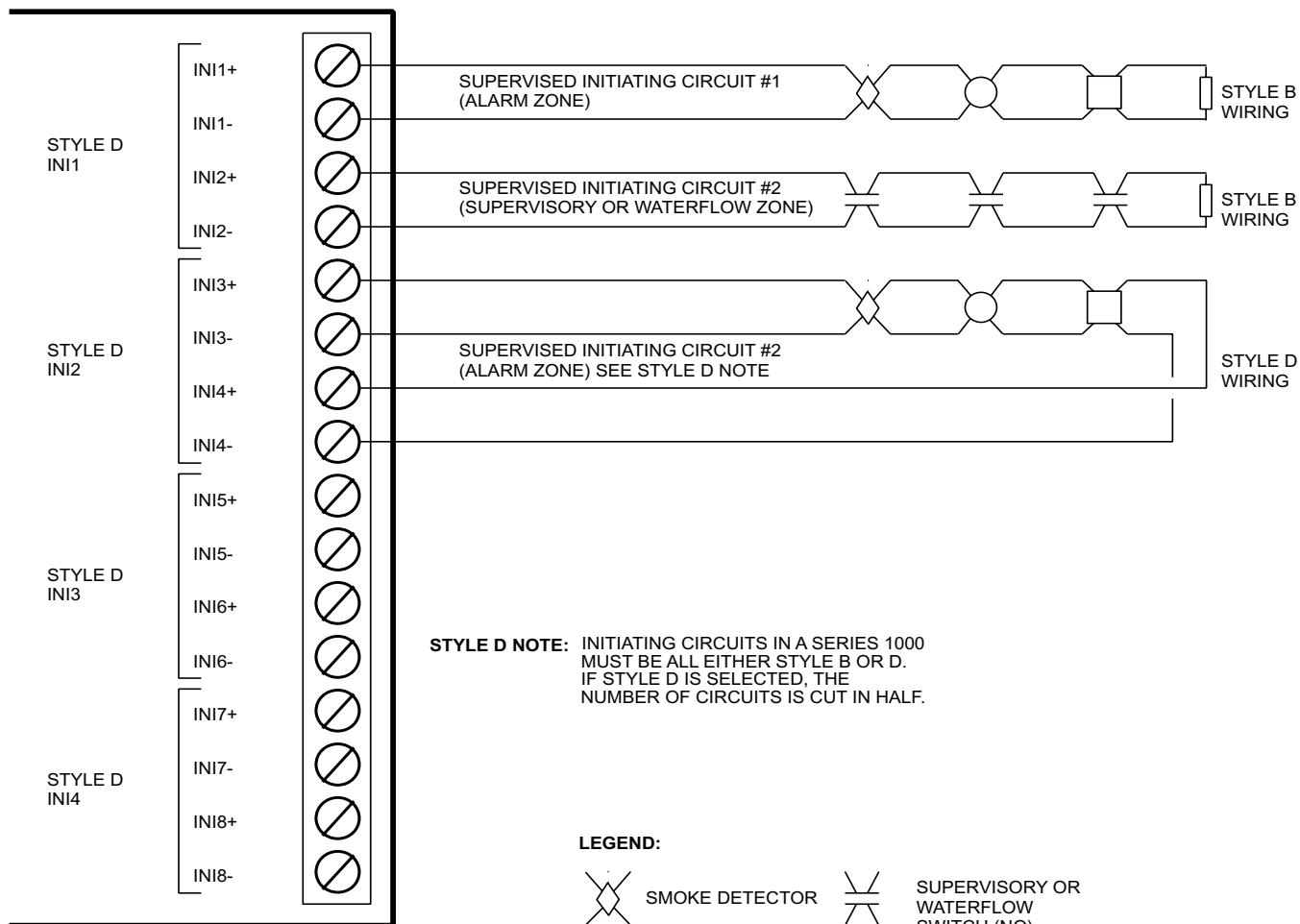
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### PRODUCT LISTINGS

Underwriters Laboratories: S6468






CSFM #: 7165-0410:154

# TYPICAL WIRING DIAGRAM



**STYLE D NOTE:** INITIATING CIRCUITS IN A SERIES 1000 MUST BE ALL EITHER STYLE B OR D. IF STYLE D IS SELECTED, THE NUMBER OF CIRCUITS IS CUT IN HALF.

**LEGEND:**

-  SMOKE DETECTOR
-  HEAT DETECTOR
-  PULL STATION
-  SUPERVISORY OR WATERFLOW SWITCH (NO)
-  3.9K 1/2W ELR LISTED S5434

**NOTES:** ALL CIRCUITS ARE POWER LIMITED, AND MUST USE TYPE FPL, FPLR, OR FPLP POWER LIMITED CABLE. INITIATING CIRCUITS ARE FULLY SUPERVISED AND RATED FOR 22 VDC, 3 mA STANDBY, 5 mV RIPPLE, 50 mA MAX. ALARM. THEY MAY BE CONFIGURED AS REQUIRED. THE ALARM THRESHOLD IS 21 mA. MAXIMUM LOOP RESISTANCE IS 100 OHMS, 50 OHMS PER SIDE.