HDM-1008 EIGHT INITIATING CIRCUIT MODULE

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.

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

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
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<tbody>
<tr>
<td>Output Voltage</td>
<td>22 VDC</td>
</tr>
<tr>
<td>Standby Current</td>
<td>50 mA</td>
</tr>
<tr>
<td>Max. Standby Current</td>
<td>3 mA</td>
</tr>
<tr>
<td>End of Line Resistor</td>
<td>3.9K ohm ±5%, ½ W</td>
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Specifications subject to change without notice.

PRODUCT LISTINGS

<table>
<thead>
<tr>
<th>Underwriters Laboratories: S6468</th>
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<tr>
<td>CSFM #: 7165-0410:154</td>
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TYPICAL WIRING DIAGRAM

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.

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

3.9K 1/2W ELR LISTED S5434