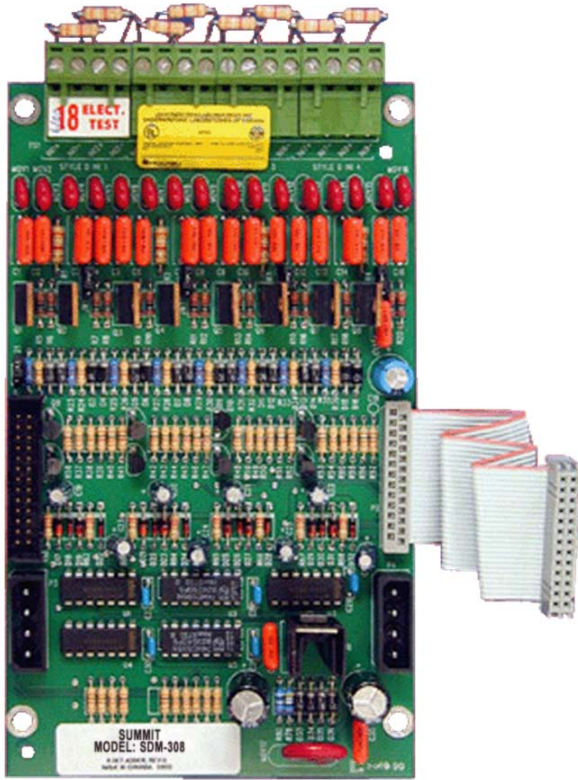


## SDM-308 Eight Initiating Circuit Module



### 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-Coloured 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 on all circuits

### General

The SDM-308 Module provides the SFC-300 Series Fire Alarm Control panels with up to Eight Class B (Style B) or Four Class A (Style D) Initiating Circuits which can be configured for Alarm, Supervisory, Waterflow or Trouble circuits.

### Applications

The SDM-308 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 SDM-308 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 dress 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.



S24005

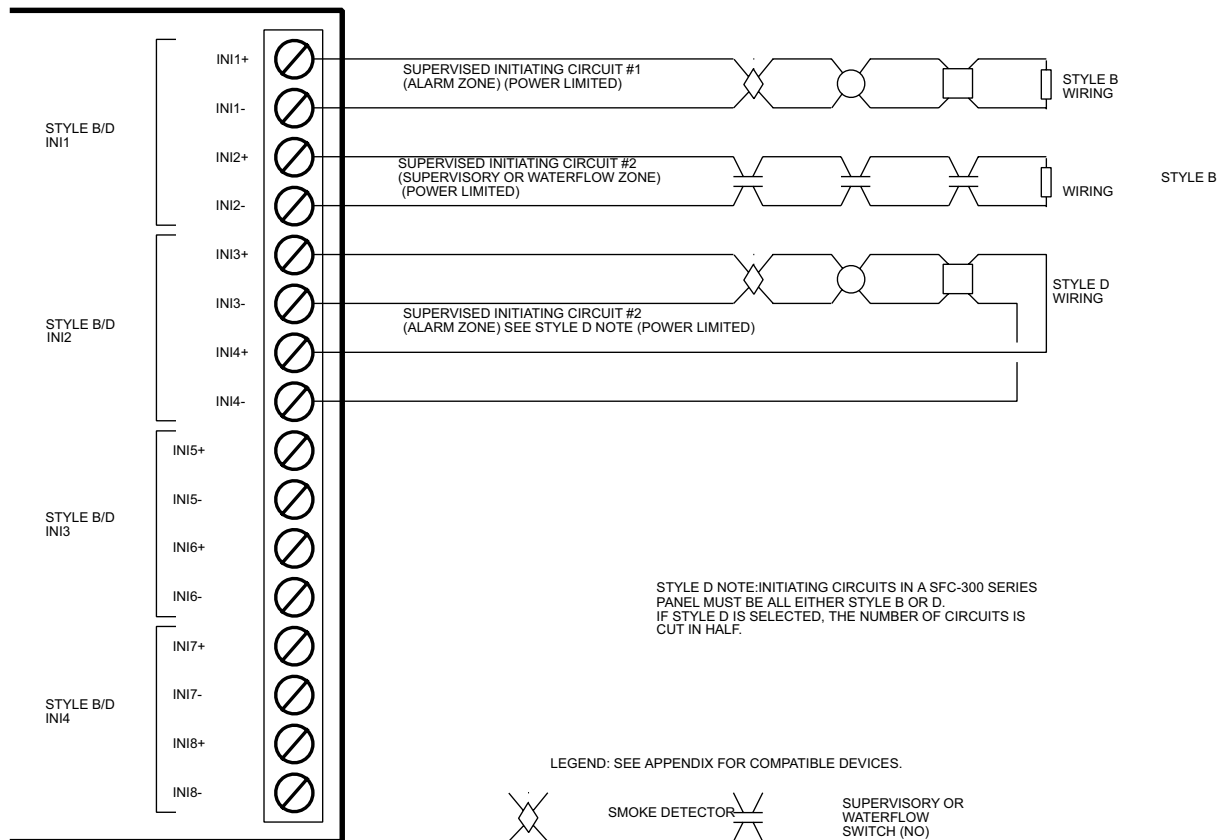


S24005



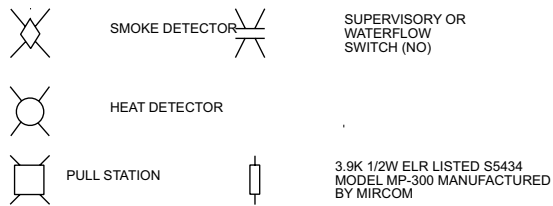
7165-1665:102

# Typical Wiring Diagram



STYLE D NOTE: INITIATING CIRCUITS IN A SFC-300 SERIES PANEL MUST BE ALL EITHER STYLE B OR D. IF STYLE D IS SELECTED, THE NUMBER OF CIRCUITS IS CUT IN HALF.

LEGEND: SEE APPENDIX FOR COMPATIBLE DEVICES.



NOTES: ALL POWER LIMITED CIRCUITS 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.

## Technical Specifications

<b>Output Voltage</b>	22 VDC
<b>Standby Current</b>	80 mA
<b>Max. Standby Current</b>	3 mA
<b>End of Line Resistor</b>	3.9K ohm ±5%, 1/2 W