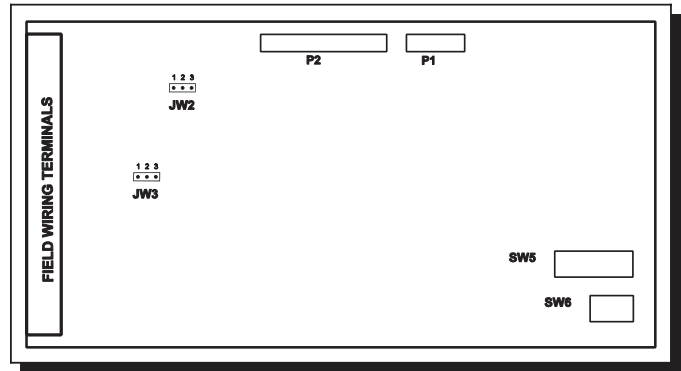


DM-204 ZONE ADDER MODULE

Class A / B Selection: JW2 & JW3 are connected from 1 to 2 for Initiating Circuit Class B (Style B) operation, and from 2 to 3 for Class A (Style D) operation.

P1 & P2: Connections to P7 & P6 respectively on the Main Fire Alarm Board (refer to proper Fire Alarm board layout).

SW5,6: Config DIP Switches.



Note: The Class A/B selection affects all Initiating Circuits, and must be used with the correct Configuration DIP Switch Setting.

On the DM-204 Zone Adder Module DIP Switches are located on the bottom right-hand corner.

Function	DIP Switch on DM-204 Module	Switch "Off"	Switch "On"
Indicating Circuit #3 Audible Device (Bell) Only	Switch 6, #1	Silenceable	Non-Silenceable
Indicating Circuit #4 Audible or Visual Device	Switch 6, #2	Silenceable	Non-Silenceable
	Switch 6, #3	Audible Device (Bell)	Visual Device (Strobe)
Not Used	Switch 6, #4	-----	-----
Initiating Circuit #5 Alarm Only	Switch 5, #1	Normal Alarm	Verified Alarm
Initiating Circuit #6 Alarm Only	Switch 5, #2	Normal Alarm	Verified Alarm
Initiating Circuit #7 Alarm or Waterflow	Switch 5, #3 Switch 5, #4	Normal Alarm	Verified Alarm/Retarded Waterflow Waterflow
Initiating Circuit #8 Alarm or Supervisory	Switch 5, #5	Normal Alarm	Verified Alarm (No effect on Supv.)
	Switch 5, #6	Non-Latching Supervisory	Supervisory
	Switch 5, #7		Latching Supervisory (No effect on Alarm)
Not Used	Switch 5, #8	-----	-----

Notes:

- **After any Configuration Switches are changed, it is necessary to perform a System Reset.**
- Only Indicating Circuit 4 may be configured for Visual Devices.
- If Initiating Circuit 7 is configured as Waterflow, the corresponding Verified selection becomes a Retard selection.
- **Do not use Retard Operation with any external Retarding device; maximum Retard may not exceed 120 seconds.**
- If Initiating Circuit 8 is configured as Alarm, the corresponding Latching selection has no effect.
- If Initiating Circuit 8 is configured as Supervisory, the corresponding Verified selection has no effect.
- The selection of Class A/B (Style Z/Y) Indicating Circuits is only a matter of how they are wired. See Connection Info.
- If Class A (Style D) Initiating Circuits are selected the appropriate Board Jumpers must also be set. Class B Initiating Circuits 5&6 combine to create Class A Circuit #3, and Class B Initiating Circuits 7&8 combine to create Class A Circuit #4. DIP Switches for Circuits 5 to 8 are ignored, and LED Indicators for Circuits 5 to 8 are non-functional.

DM-204 Zone Adder Module Terminal Connections

Wire devices to terminals as shown. See LT-636 for wiring tables and Appendix "A" for compatible devices.

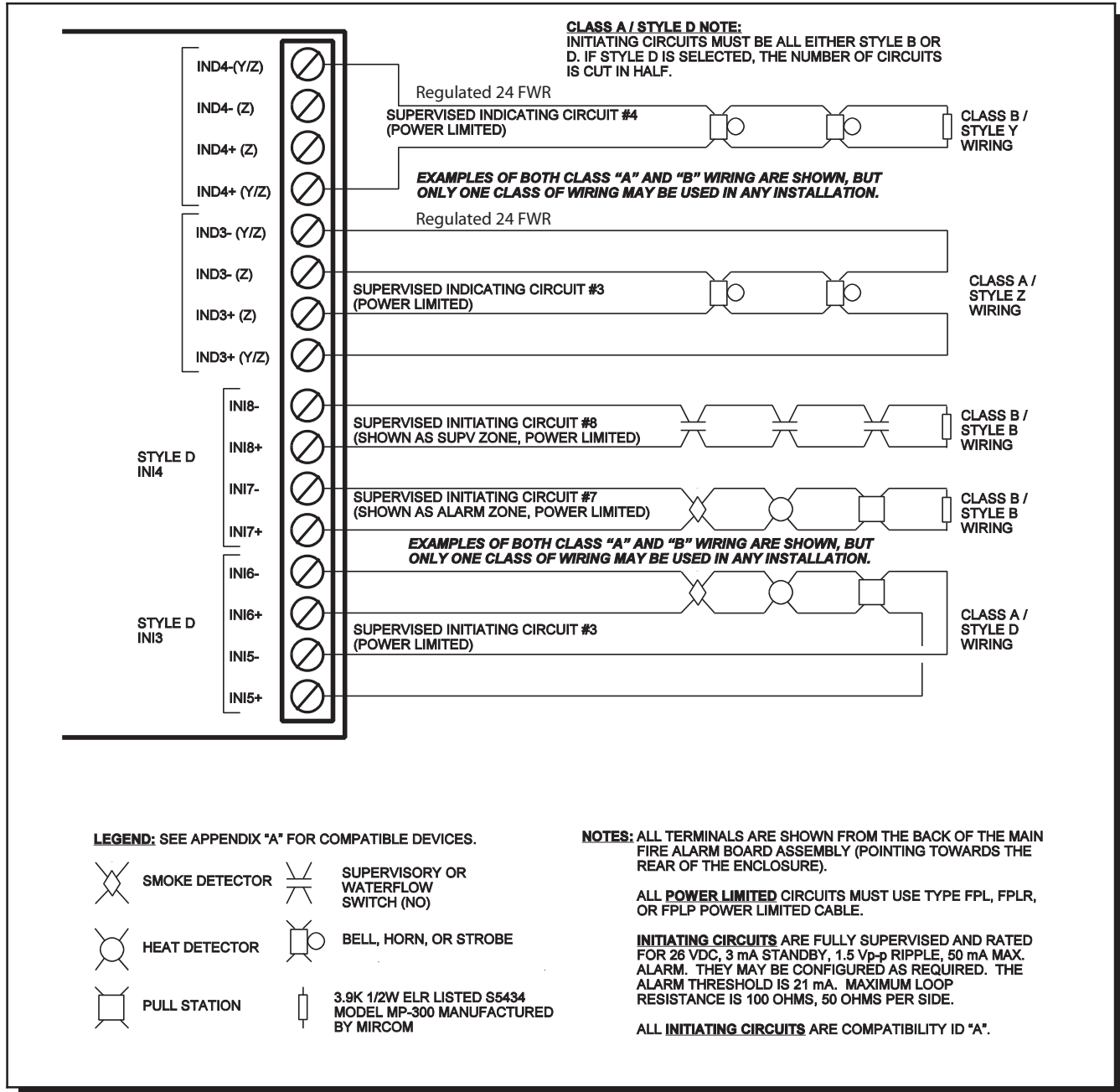
Electrical Ratings

Power limited:

24 VDC unfiltered, 1.7A per Circuit

Current consumption:

Standby: 45 mA Alarm: 120 mA



Wiring Table for NAC Circuits

Main board and DM-204 NAC circuits are rated for 1.7 amps each.

Total Signal Load	Maximum Wiring Run to Last Device (ELR)								Max Loop Resistance
	Amperes	ft.	m	ft.	m	ft.	m	ft.	
0.06	2350	716	3750	1143	6000	1829	8500	2591	30
0.12	1180	360	1850	567	3000	915	4250	1296	15
0.30	470	143	150	229	1200	366	1900	579	6
0.60	235	71	375	114	600	183	850	259	3
0.90	156	47	250	76	400	122	570	174	2
1.20	118	36	185	56	300	91	425	129	1.5
1.50	94	29	150	46	240	73	343	105	1.2
1.7	78	24	125	38	200	61	285	87	1.0

Note: Maximum voltage drop should not exceed 1.8 volts.

