

Quick Reference

for FireSpy® Tracker 8000, 2000 and 1000

Fire Control Panel and Accessories

SAFETY MESSAGE TO INSTALLERS

People's lives depend on your safe installation of our products. It is important to read, understand and follow all instructions shipped with this product. Listed below are some other important safety instructions and precautions you should follow.

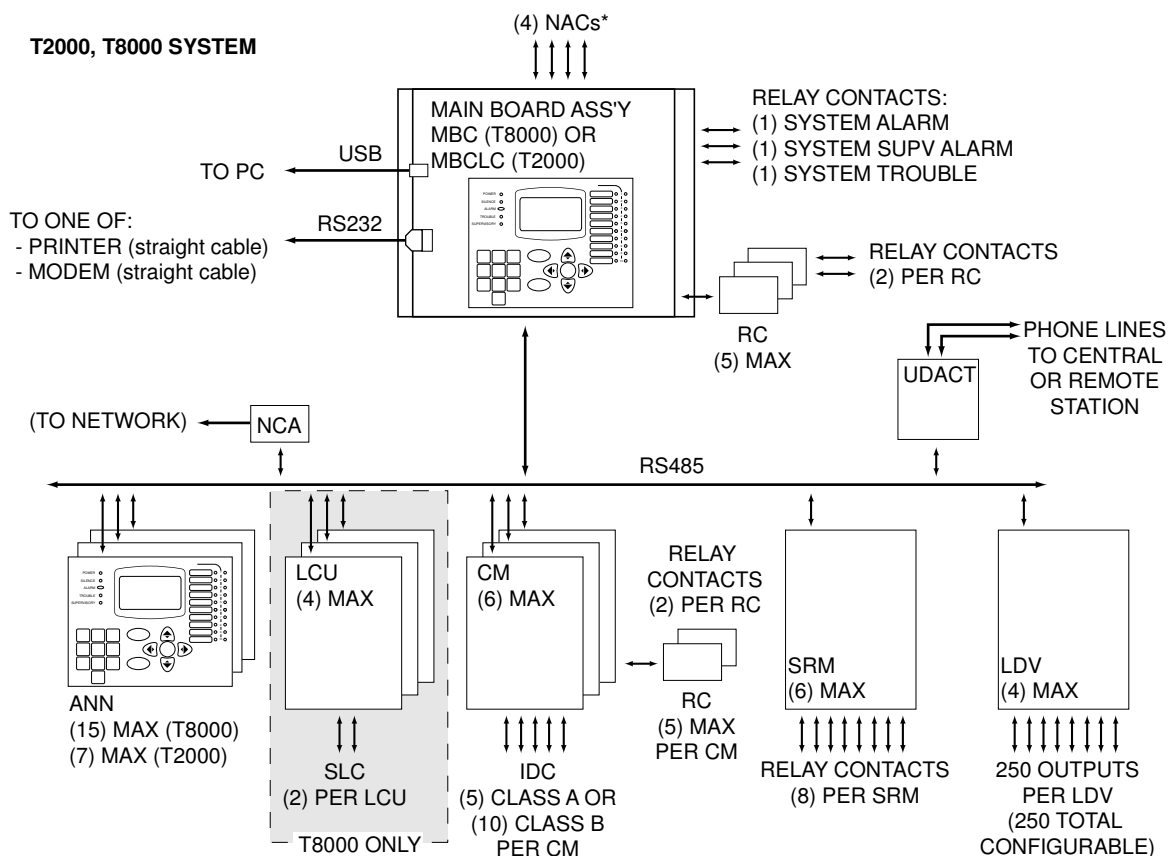
- This system must be installed and maintained by a qualified electrician in accordance with NFPA 72 and national and local electrical and fire codes, under the direction of the authority having jurisdiction.
- Do not connect wiring when circuits are energized.
- After installation and completion of initial system test, provide a copy of all instruction sheets to all personnel responsible for operation, periodic testing and maintenance of this equipment.
- Failure to follow all safety precautions and instructions may result in property damage, serious injury, or death to you and others.

SERVICE

To get help with problems or questions not covered in these instructions, contact:

Technical Service Department
Harrington Signal Inc.
2519 - 4th Avenue
Moline, IL 61265
(800) 577-5758

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* MAY BE INDIVIDUALLY CONFIGURED AS NAC, AUX POWER, OR INPUT
A SYSTEM MUST USE AT LEAST ONE INITIATING DEVICE

290-0104

Figure 1: Tracker system layout (T8000 and T2000)

Switch number	Programmed Mode (ON position)
1	Disable buzzer
2	Enable extended alarm confirmation polling ¹
3	Enable power-up SLC pulsing ²
4	Enable System Sensor protocol
5	Enable Apollo / I-Spy protocol
6	Factory reserved. Leave OFF
7	Enable T-Spy protocol
8	ON = Non-operating mode: firmware loading OFF = Normal panel operation

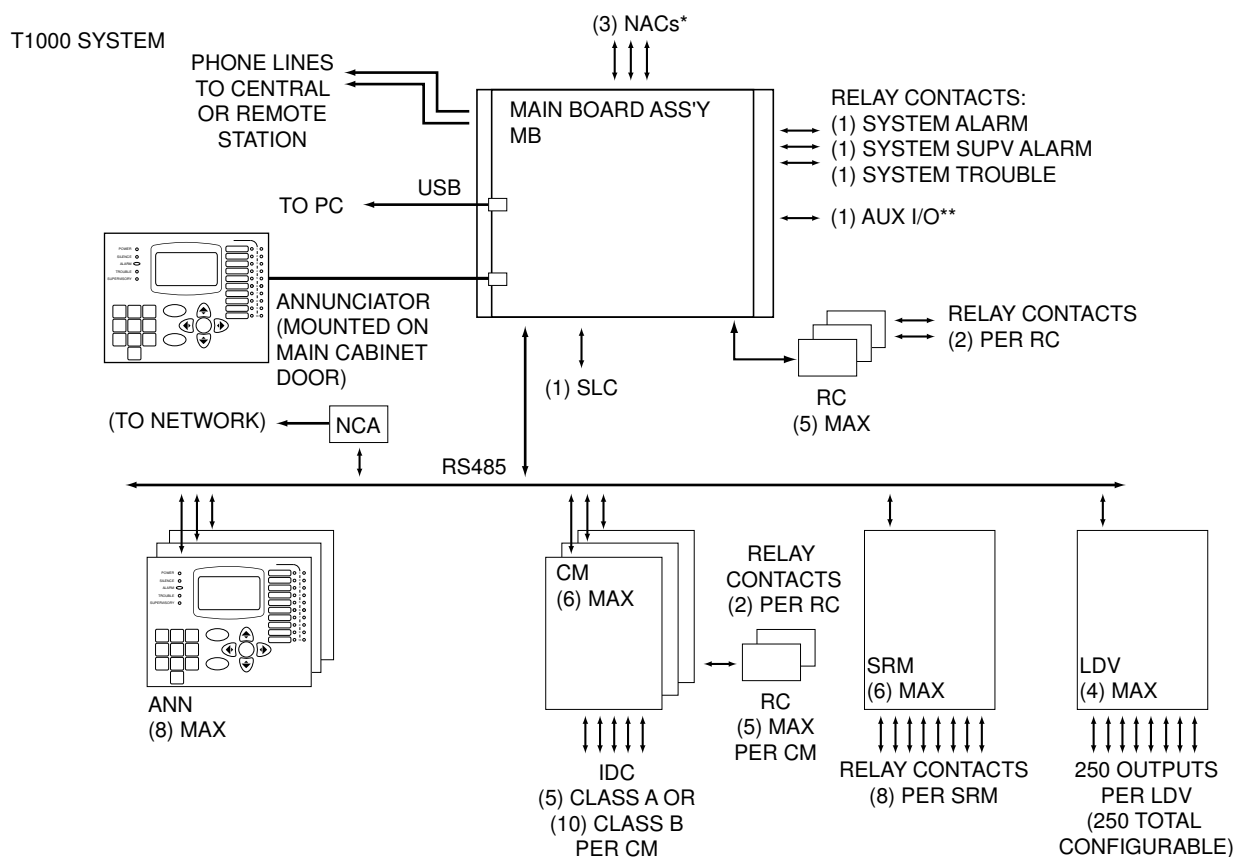
1. Extended alarm confirmation polling prevents false alarms for SLC wiring that is faulty or non-twisted pair. Applies to Apollo, I-Spy, and T-Spy.

2. Power-up pulsing reduces power surges which may cause SLC overload faults when isolator modules are installed.

3 For switches 4, 5, and 7: Set to ON to include the designated protocol in the SLC messaging. Set to OFF to ignore devices for the designated protocol.

4. Refer to markings on switch for ON and OFF positions.

Table 1: DIP switch settings (MB SW1)



* MAY BE INDIVIDUALLY CONFIGURED AS NAC, AUX POWER, OR INPUT

** MAY BE CONFIGURED AS NAC (FOR CONNECTION TO NAC BOOSTER OR VOICE MODULE) OR INPUT
A SYSTEM MUST USE AT LEAST ONE INITIATING DEVICE

290-0158

Figure 2: Tracker system layout (T1000)

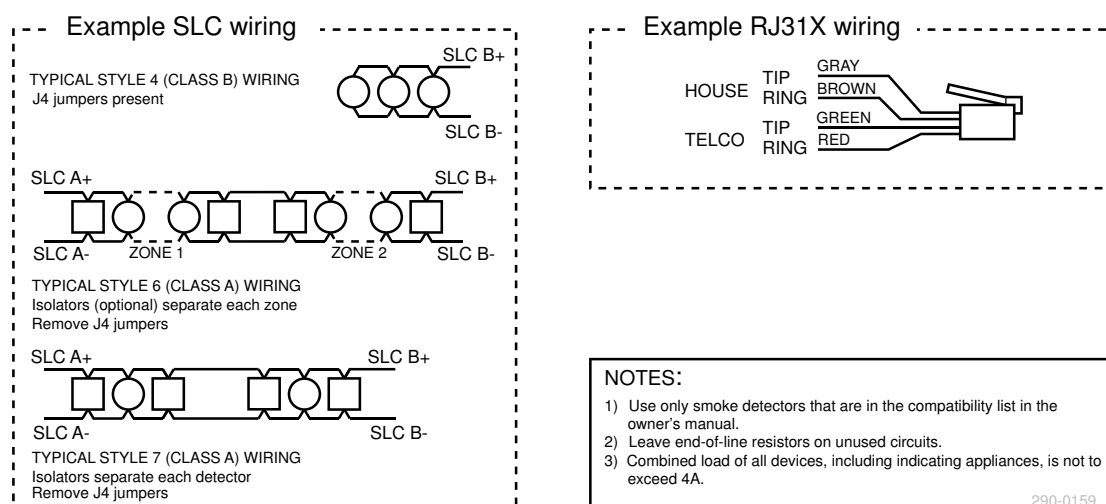


Figure 3: Wiring on MB

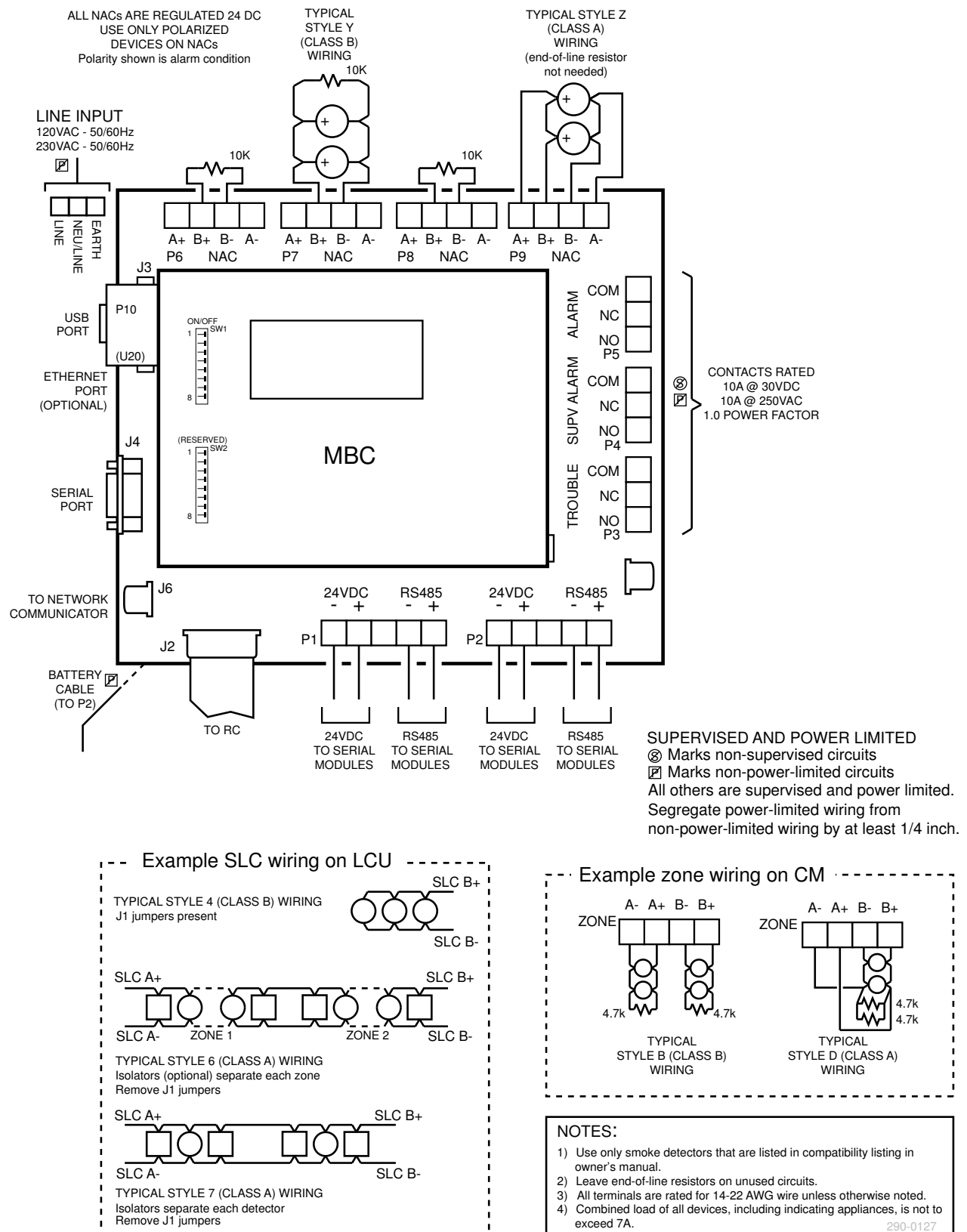
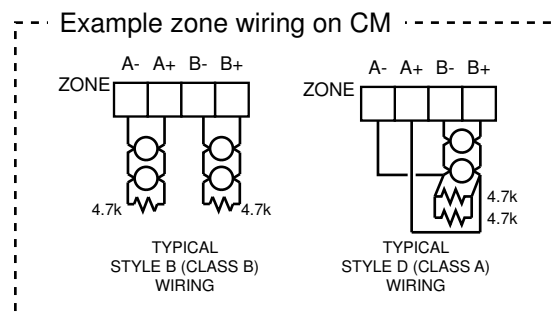
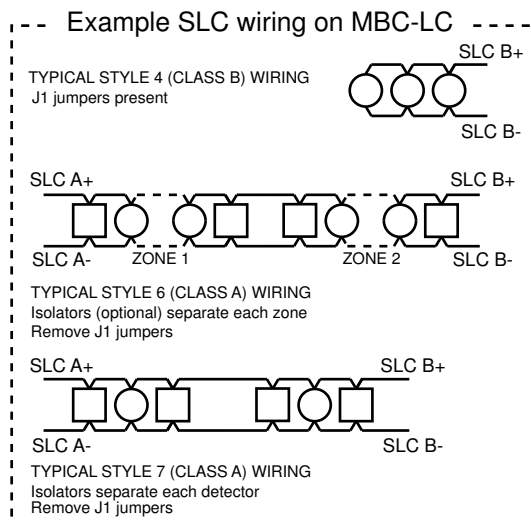


Figure 4: Wiring on MBC



- 1) Use only smoke detectors that are listed in compatibility listing in owner's manual.
- 2) Leave end-of-line resistors on unused circuits.
- 3) All terminals are rated for 14-22 AWG wire unless otherwise noted.
- 4) Combined load of all devices, including indicating appliances, is not to exceed 7A.

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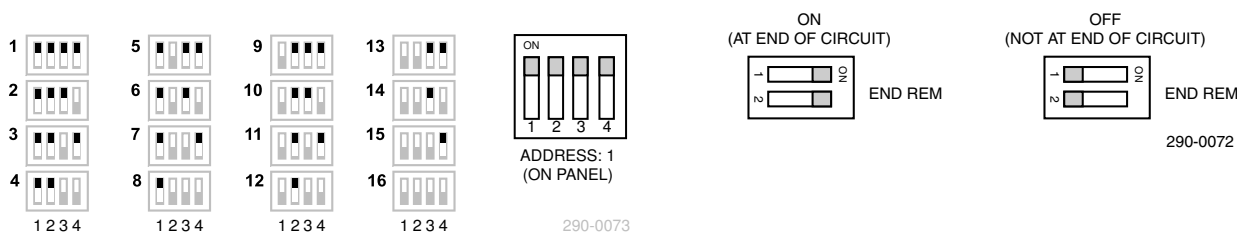


Figure 6: PDC/PDCR address (SW1) and end-of-line (SW19) settings

Switch number	Programmed Mode (ON position)
1 - 3	Reserved (set to OFF)
4	Enable System Sensor protocol
5	Enable Apollo / I-Spy protocol
6	Reserved (set to OFF)
7	Enable T-Spy protocol
8	Enable extended alarm confirmation polling ²
1 For switches 4, 5, and 7: Set to ON to include the designated protocol in the SLC messaging. Set to OFF to ignore devices for the designated protocol.	
2. Extended alarm confirmation polling prevents false alarms for SLC wiring that is faulty or non-twisted pair. Applies to Apollo, I-Spy, and T-Spy.	
3 Refer to switch markings for ON/OFF positions.	

Table 2: SIP switch settings (MBCLC SW3)

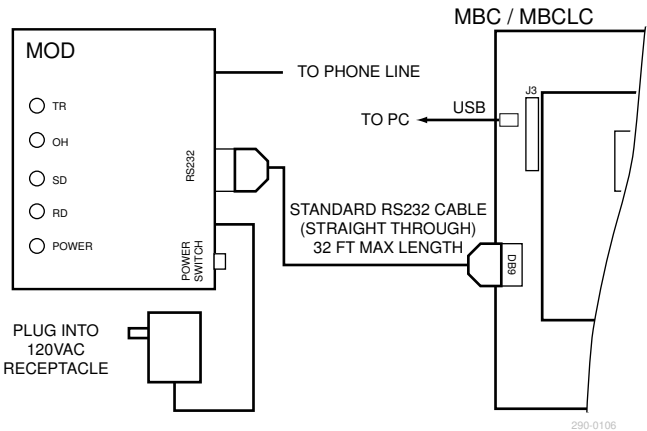


Figure 7 – T8-MOD Connections

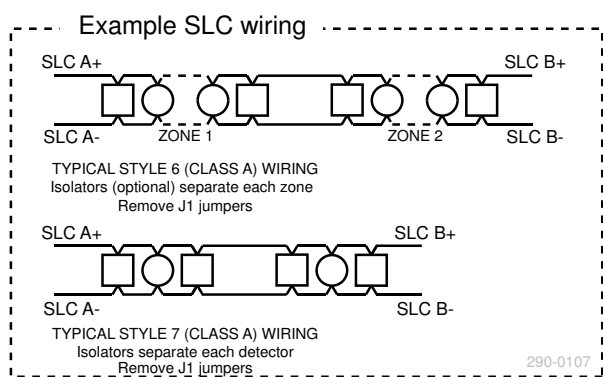
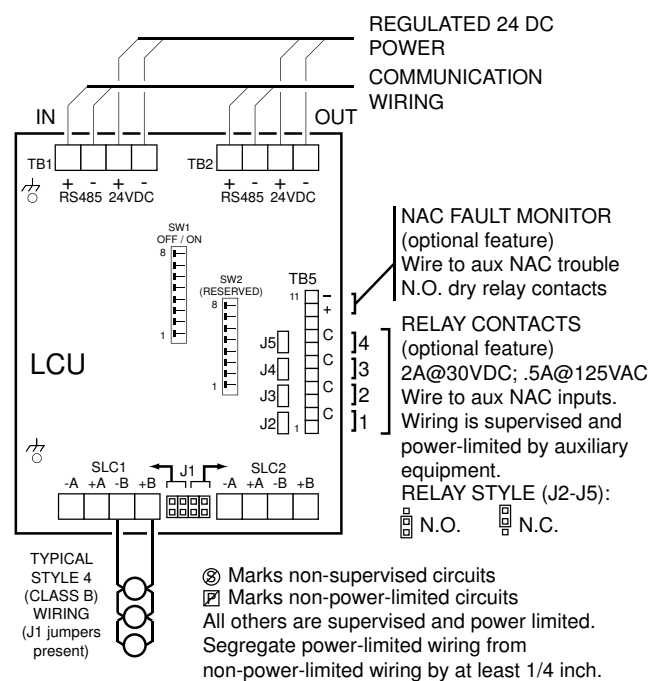


Figure 8: LCU addressable loop module

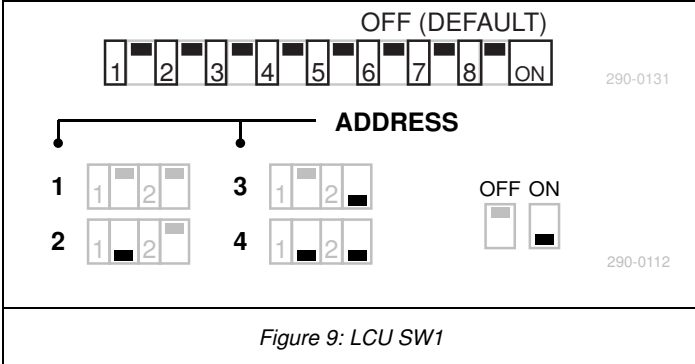


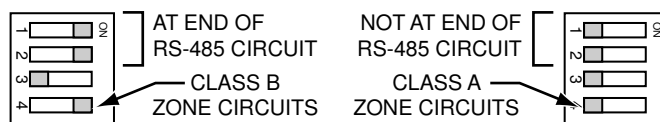
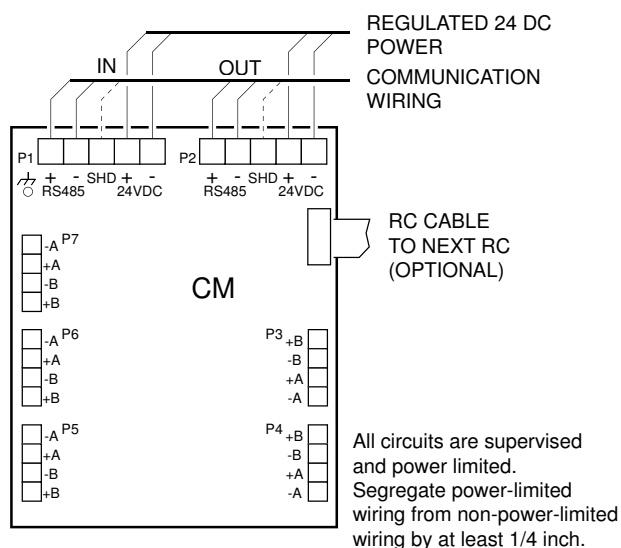
Figure 9: LCU SW1

Switch number	Programmed Mode (ON position)
1 / 2	LCU address (see Figure 9)
3	Reserved (set to OFF)
4	Enable System Sensor protocol
5	Enable Apollo / I-Spy protocol
6	Reserved (set to OFF)
7	Enable T-Spy protocol
8	Enable extended alarm confirmation polling ²

- 1 For switches 4, 5, and 7: Set to ON to include the designated protocol in the SLC messaging. Set to OFF to ignore devices for the designated protocol.
2. Extended alarm confirmation polling prevents false alarms for SLC wiring that is faulty or non-twisted pair. Applies to Apollo, I-Spy, and T-Spy.

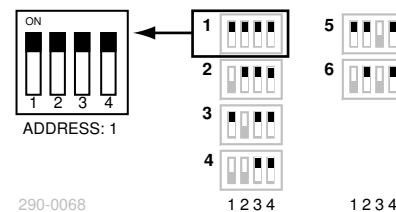
Table 3: SIP switch settings (LCU SW1)

Note: The LCU is not for use on T1000 or T2000 panels.



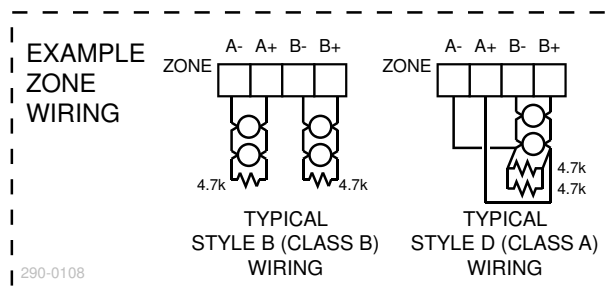
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Figure 11: CM SW2 settings



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Figure 12: CM address (SW1) settings



290-0108

Figure 10: CM conventional zone module