

- NOTES:**
1. Zone 1 may be selected for EOLR supervised or normally closed (no EOLR) operation via cut jumper. (Cut red jumper for normally closed operation. Do not cut for Fire Usage). Zones 2-8 may be selected for either operation via program field \*41.
  2. Zone 1 supports 2-wire smoke detectors. See Installation and Setup Guide for recommended type and maximum number of detectors supported.
  3. Zone 7 may be used for remote keyswitch arming/disarming. See Installation and Setup Guide for wiring instructions.

4. Zone 8 supports 2-wire latching type glass break detectors. See Installation and Setup Guide for recommended type and maximum number of detectors supported.

# WEEKLY TESTING IS REQUIRED TO ENSURE PROPER OPERATION OF THIS SYSTEM.

## J7 Header

1. Not Used
2. Ground
3. Out 1 (Ground Start)
4. Ground
5. Out 2 (fire)
6. Ground
7. Out 3 (burg/aud. panic)
8. Ground
9. Out 4 (silent panic/duress)

## J8 Header

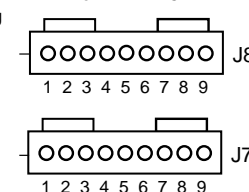
1. In 2 (Printer DTR)
2. Ground
3. In 3 (X - 10 sync)
4. In 4 (X - 10 sync)
5. Ground
6. Out 5 (X - 10 data)
7. Out 6 (Printer RXD)
8. Ground
9. Ground

## Optional programming:

- Out 1: Open/close or keypad-like sounding
  - Out 2: Armed LED, Fire, CPU Fail
  - Out 4: Ready LED
- Ratings for Out 1:  
Active: 10VDC-13.8VDC through 4k OHMS  
Not Active: 100 OHMS to ground
- Ratings for out 2-4:  
Active: 10VDC-13.8VDC through 5k OHMS  
Not Active: 1k OHMS to ground

(Refer to Installation and Setup Guide for information concerning Direct Wire Downloading and printer connections using the 4100SM Serial Module.)

## MAKE CONNECTIONS USING No. 4142TR CABLE



Connect to 12VDC, 4AH or 12VDC, 7AH

GEL CELL BATTERY

CHARGING VOLTAGE 13.7VDC  
See Installation and Setup Guide for required capacity.

TRANSFORMER 16.5VAC, 40VA

**NOTE:**  
WHEN POWERING UP THE PANEL, CONNECT TO AC MAINS BEFORE CONNECTING THE BATTERY.

ALL CIRCUITS ARE POWER LIMITED.

ALARM SOUNDER OUTPUT  
10VDC - 13.8VDC 2.8A maximum  
(10.7VDC - 14.5VDC for VISTA-120FR)

BATTERY TABS  
RED (+)  
BLK (-)

Connect to 24hr. 120VAC, 60 Hz or 220VAC, 50 Hz

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