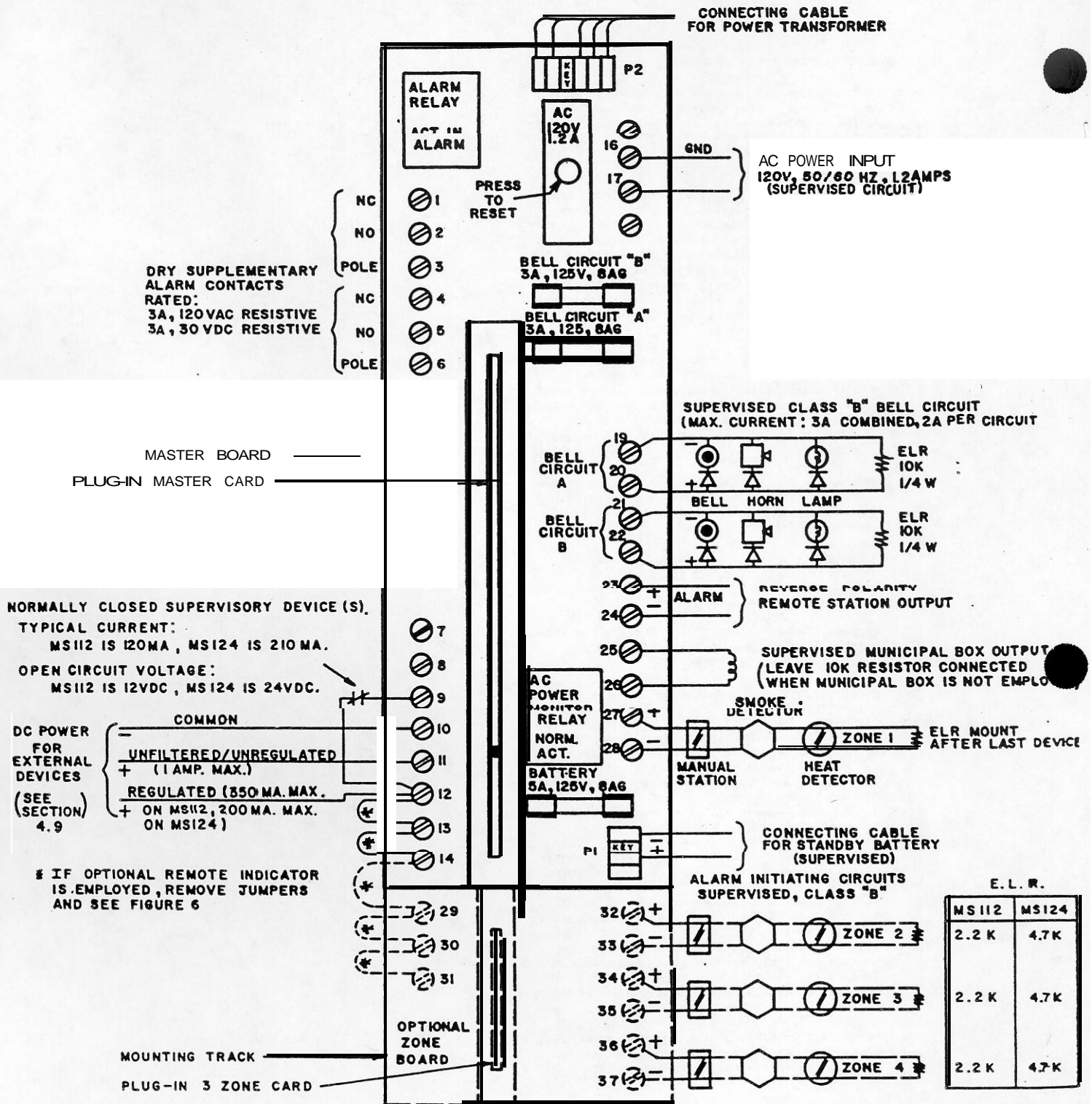


FIGURE I- BASIC SYSTEM WIRING DIAGRAM

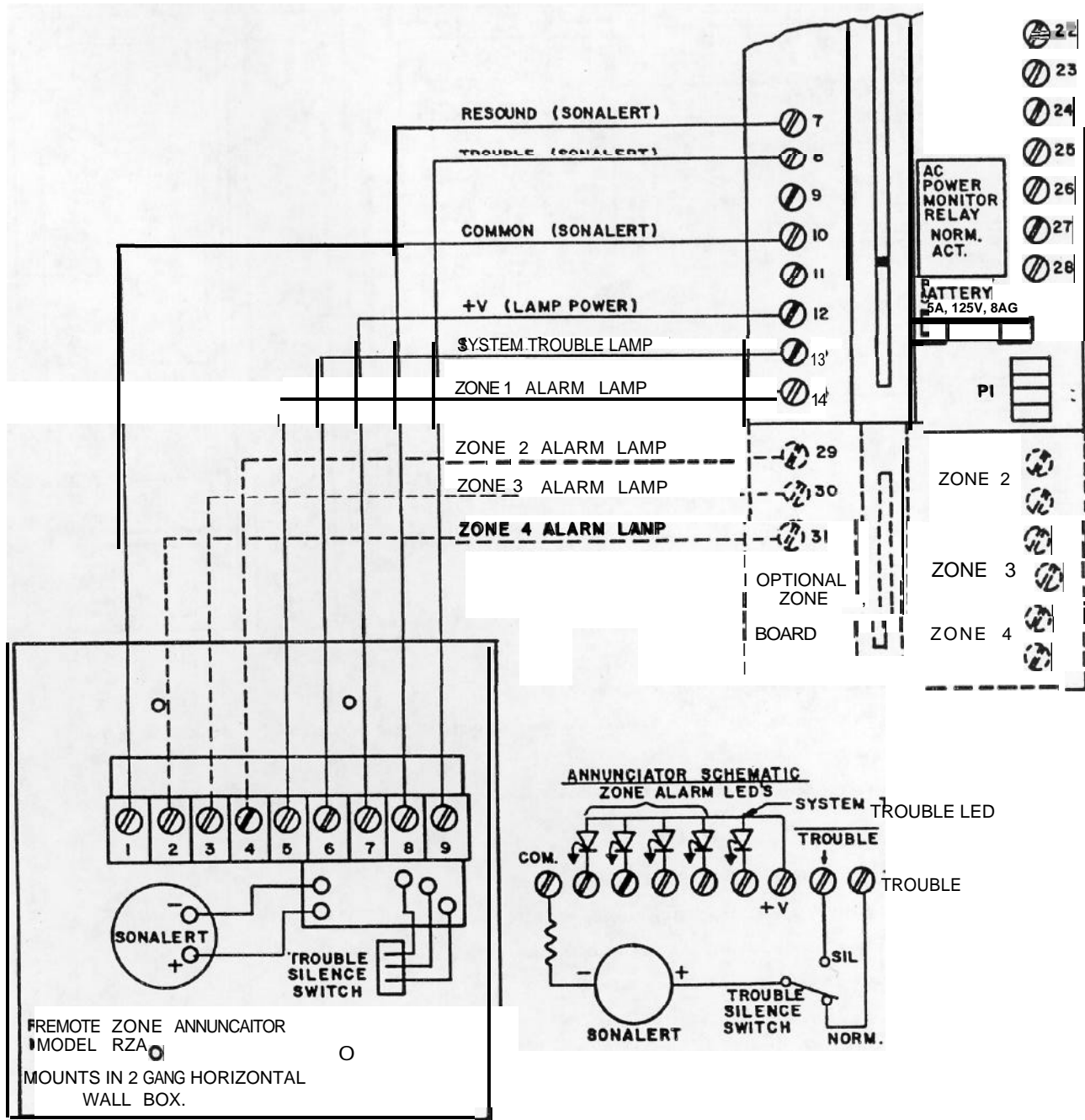


E. L. R.	
MS112	MS124
2.2 K	4.7 K
2.2 K	4.7 K
2.2 K	4.7 K

NOTES:

1. Combined current drain for all device power from panel should not exceed 3 Amperes.
2. Do not exceed current limit specified for any individual circuit.
3. Refer to instruction manual section 4 for system specifications.
4. Refer to instruction manual section 5 for system Installation Instructions.
5. Detector loop(s), reverse polarity remove station output, and supervisory device(s) input are power limited circuit, which may be connected to limited energy cable.
6. Unregulated power outputs comply with paragraphs 27.3 and 27.4 of UL standard UL1481.

FIGURE 6 -REMOTE ZONE ANNUNCIATOR (OPTIONAL)
 Refer to Manual Sections 4.11 and 5.10

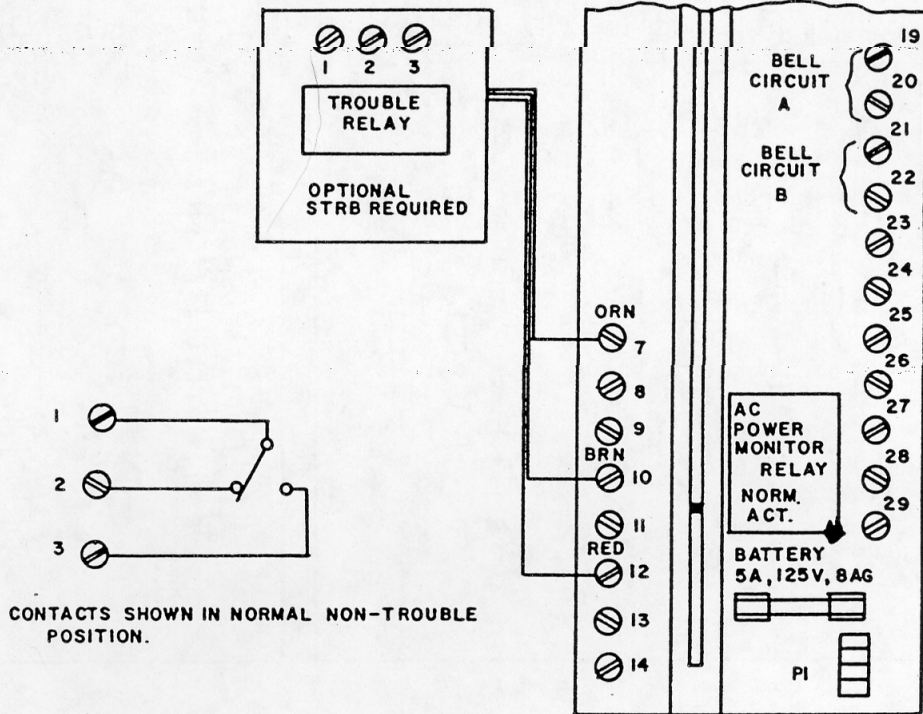


NOTES

1. Remove jumper connecting terminals 12 to 13, 13 to 14, 14 to 29, 29 to 30, and 30 to 31 before connecting Annunciator.
2. Miniscan can power and supervise one annunciator only.
3. All wiring except audible trouble supervised for open and ground fault condition.
4. Remote Indicator circuitry is power limited and may be connected to limited energy cable.

FIGURE 7 - SYSTEM TROUBLE RELAY BOARD (STRB) CONNECTION INFORMATION (OPTIONAL)

Refer to Manual Section 4.13 and 5.12



NOTES:

1. Mount the system trouble Relay Board on the left side of the Miniscan cabinet using the two number 4 screw and lockwasher provided.
2. Connect harness to Master Board (red to terminal 12, brown to terminal 10, and orange to terminal 7)
3. Connect output contacts as required.
4. Contacts rated 3A, 28VDC, resistive.
5. Relay coil will be energized in normal non-trouble state.