

Installation Instructions & Users Manual

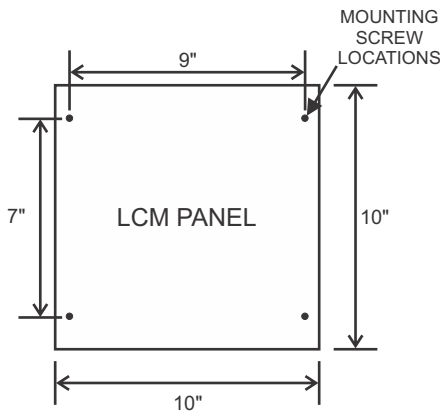


Fig 2

Installation and Wiring

Fig 4. Example shows (1) MASTER connected to (1) REMOTE LCM panel.

1. See Fig 2. Install anchors on 9"x 7" centers and mount the panel in a convenient location near the Distribution Panel (DP) to be monitored.
2. Route common Neutral from the DP to the marked terminal and connect a ground wire to the housing screw location provided.
3. Route up to (9) 120 or 277VAC LINE connections from the (HOT) breaker side of branch circuits to be monitored from the DP to the LCM panel using wire size appropriate for the circuit capacity.
NOTE1: Line 1 (L1) must be connected to power the LCM panel board.

NOTE2: Either 120VAC or 277VAC can be monitored on the same LCM panel. Do not connect both on the same panel.

NOTE3: Remove Jumpers (JP1-JP8) for each circuit to be monitored. A Jumper must remain in place for any unused branch circuit. Green LED on the panel Confirm the 12V Signal out put is ON.

4. Route two conductors for 12V signal wiring from the LCM terminal provided to the selected CBS panel OR as shown, to (1-2) REMOTE LCM panels. Wire size of #20-18 AWG may be used: see Table 1 for max circuit lengths.
5. At the CBS panel, connect the 12V signal wiring inputs to the 2-wire pigtail marked "LCM" input relay in the CBS panel. The connections are not polarity sensitive. Up to (4) LCM inputs may be provided in the CBS.
6. **With all branch circuits ON, breakers closed and power supplied to the LCM, confirm the 12VDC signal is ON at the CBS panel LCM input.**
7. Activate the CBS panel by connecting the 24V battery plug (see CBS Instructions) and turning AC supply ON. If the 12VDC LCM activation signal is ON the Central Battery System will remain in NORMAL mode (EMERGENCY OFF).
8. To test the system, open any of the monitored breakers; the connected CBS should immediately activate EMERGENCY mode.

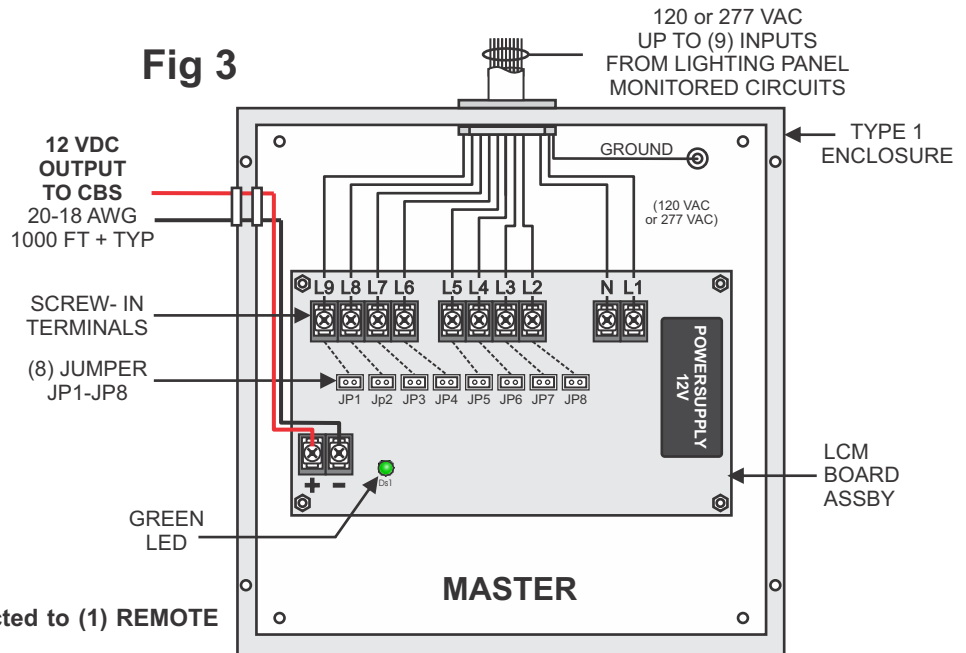


Fig 3

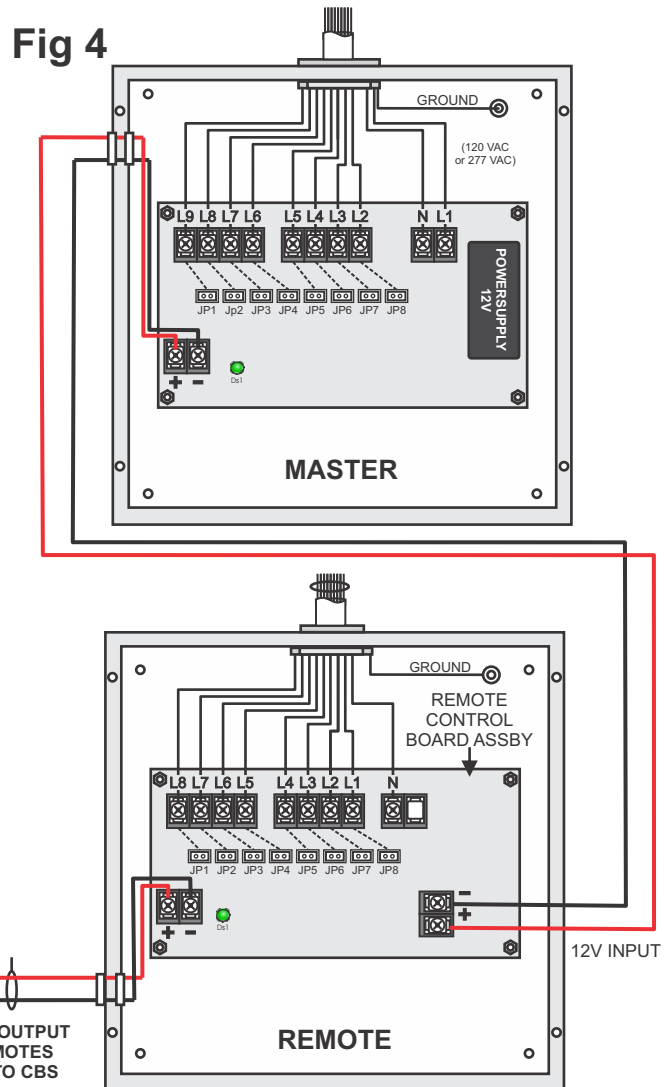


Fig 4