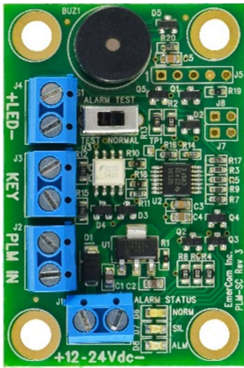


Lobby Alarm Board



Size reduced

Key Features:

Complies with ANSI A17.1/CSA B44 Safety Code for Elevators.

- The EMC-60 Emergency Elevator Phone verifies the operability of the telephone line and signals the EMC-ALRM if the line is not functional.
- In the event of a phone line failure, the EMC-ALRM activates an audible and illuminated visual signal for each group of elevators.
- The key-switch or pushbutton, accessible only to authorized personnel, will silence the audible signal for no less than 12 hours.
- The EMC-60 monitors the failed phone line continuously and will signal the EMC-ALRM to cancel the alarm immediately. The illuminated visual signal will extinguish and the system return to normal.

Battery backed-up power is recommended to enable notification of elevator communications failure in the event of power failure.

Description of Operation:

The Phone Line Monitoring (PLM) feature built into the EmerCom EMC-60 Hands-free Elevator Phone monitors the phone line as required by ASME A17.1/CSA B44 Code. If the phone line fails, a pair of contacts in the EMC-60 will open (fail-safe) to signal the EMC-ALRM Lobby Alarm Board to generate an audible & visual alert in the elevator lobby, in the vicinity of the Firefighters Recall Switch.

The visual alert LED will flash until the phone line becomes operational again but the audible alert buzzer can be silenced by authorized personnel with the key switch (or pushbutton accessible only to authorized personnel). The buzzer will remain silenced for 12 hours unless the phone line is restored earlier.

Three LEDs mounted on the EMC-ALRM PCB indicate 'normal', 'alarm' or 'silenced' status.

A PLM test feature is available in the EMC-60 Phone to simulate an alarm for the number of seconds entered, after which it returns to normal. An extended test can be conducted by moving the alarm test switch on the EMC-ALRM to TEST.

For High-Rise installations a Consolidator or Rescue Station will be required to call into any cab from an on-site location. The EMC-60 Phones check the lines from the cabs to the Consolidator and the Consolidator checks the external phone line(s), with the combined signals going to the EMC-ALRM.

Specifications:

Elevator Wiring Requirements:

One shielded pair of communication cable, minimum 24AWG, with the shield preferably grounded at the controller end of the traveling cable.

Power:	8-30V DC 100 mA (preferably with battery backup)
LED:	Operating voltage 1.7 – 2.1 V. Operating current: 10 – 25 mA
Operating Range:	0 – 60°C
Dimensions:	PCB 1.5" (38 mm) wide x 2.25" (57 mm) high and 0.5" (13 mm) deep with mounting holes 1.1" (28 mm) wide x 1.85" (47 mm) high. LED hole ¼"

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