



Lightalarms

IMPROVED DIAGNOSTICS



To order: Add Suffix -ID
to model number of
compatible unit

- Continually monitors system parameters
- Incorporates State-of-the-art Microcontroller Technology
- Includes audio & visual service alarms (non-audible optional)
- Self Testing in accordance with NFPA101, Life Safety Code.

IMPROVED DIAGNOSTICS

By incorporating our most popular standard diagnostics features with a high powered 8-bit microcontroller, our new Improved Diagnostics system assures unsurpassed reliability in one, totally contained system. In the event of an equipment malfunction, the improved diagnostics system produces an audible warning in the form of an intermittent beep and the LED indicator associated with the fault will illuminate continuously. When the problem is acknowledged by depressing the alarm/silence/test button the alarm is silenced and the LED indicator changes to a flashing mode until the problem is corrected.

DISPLAY FEATURES

Battery Failure: (Red)-Illuminates if the battery is shorted or battery voltage drops below preset value. Will also detect incorrect battery (ie. 6VDC vs. 12VDC)

Battery Disconnect: (Red)-Illuminates if the battery circuit is open.

Charger Failure: (Red)-Illuminates when charger is not functioning properly by monitoring the charger current.

Lamp Failure: (Red)-Illuminates when one or more lamps fail. Also monitors remote lamps.

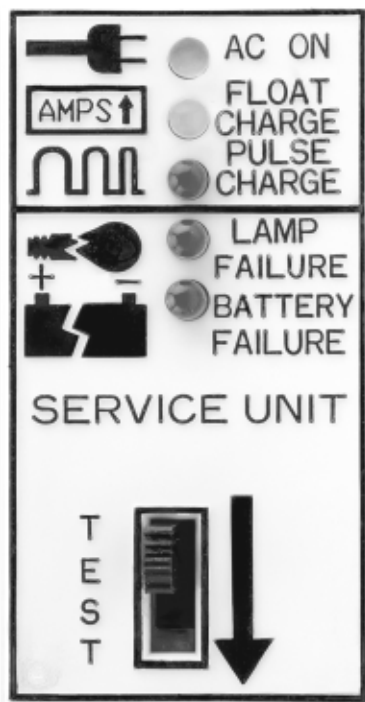
Service Alarm: (Red)-Illuminates when a fault is detected that requires a technician.

AC ON: (Green)-Lit when line voltage is present.

Charger on LED: (Amber)-Illuminates when charger is recharging the battery.

Alarm Silence Test: -Button is used to acknowledge and silence alarms. Also functions as a manual test switch by simulating power failure.

Self Testing: -Unit test itself every thirty days for one minute, thirty minutes on the sixth month and ninety minutes annually.



To order: Add Suffix -SD
to model number of
compatible unit

SELF DIAGNOSTICS

- Continually monitors system parameters
- Logical easy to read display
- Reduces maintenance cost and assures reliability

SELF DIAGNOSTICS

Lightalarms self diagnostic system has been carefully conceived and designed to decrease the time and cost normally associated with equipment maintenance. You are provided with a visual alert, via an LED display panel if a problem exists with either the charger, battery, or lamps, before an emergency situation occurs.

FEATURES

Pulse-type charger continuously cycles the batteries with a pulse charge following a period of discharge, thus reducing grid corrosion, the chief cause of premature battery failure. The charger also has temperature compensation, AC line latch, brownout protection, low voltage disconnect and dual voltage (120/277) input capability.

DISPLAY FEATURES

AC On: (Green) - When lit, power is present.

Float Charge: (Amber) - When lit, battery has reached full charge.

Pulse Charge: (Red) - When lit, battery is being recharged.

Lamp Failure: (Red) - When not lit, at least one lamp is operational. When lit, all lamps have failed.

Battery Failure: (Red) - When lit, battery is disconnected or faulty.