POTTER
The Symbol of Protection

LED-AN
LED ANNUNCIATOR

Features

Standby Current	35 mA
Alarm Current	75 mA
Ambient Operating Temp	0°C-49°C (32°F-120°F)
Maximum Wire Length	4000°
Maximum Annunciators	31
Size (H x W x D)	5-7/8"x7"x1-1/2"
Wire Gauge	14 AWG-22 AWG

c (UL) us
LISTED
S2930   7165-0328:0196

Product includes a 5 year warranty

Description

The LED-AN is a LED remote annunciator for the PFC-8060 and PFC-8500 addressable fire control panel. The LED-AN communicates using a RS-485 connection to the main panel providing common indication of Alarms, Supervisory, Trouble and other system status and control functions.

The LED-AN features 14 front panel L.E.D.s with LED's for Power, Alarm, Supervisory, Trouble, and Silenced conditions. It can be mounted on a 2-gang electrical box or a standard 4" sqaure electrical box. The keypad is only operable when a key-locked security switch is set to the enable position.
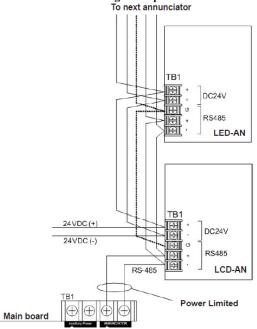
Installation

NOTICE
Install in accordance with installation manual # 5403556.

The LED-AN is connected to the PFC-8500 using a four wire RS-485 connection. The connection is power limited and supervised. Up to thirty-one (31) remote annunciators can be connected using Class B(Style 4) wiring.

Configuration Characteristics

- The RS-485 maimum wire length is 4000 feet (1219.2 meters)
- Maximum wiring resistance is less than 40 ohms
- Maximum capacitance between wiring is less than 0.4 micro F

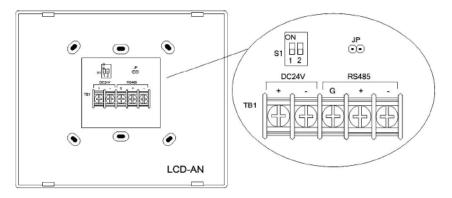## LED-AN Class B Wiring Example

Notes
1. JP of the farthest annunciator shall be shorted, and JP of other annunciators shall be open
2. Any connection to ground of 10,000 ohms will be annunciatedas a ground fault
3. Remote annunciators must be mounted on either a 2-gang or standard 4-inch square electrical box
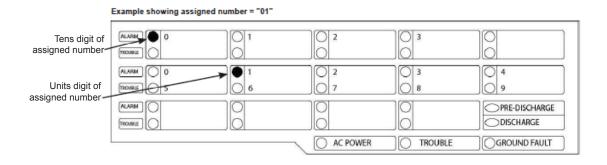

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Address Settings

1) Switch 1 of Dip Switch S1 set on, after that input 24 VDC to TB1.

2) The LED-AN shows LED display as follows.

3) The tens digit of the assigned number by LAMP TEST key / SIGNAL SILENCE key. After that, push ACK key.

4) Set the units digit of the assigned number by LAMP TEST key / SIGNAL SILENCE key. After that, push ACK key.

5) Switch 1 of Dip switch S1 set off, LED-AN will proceed to initializing.