



Features

Standby Current	35 mA
Alarm Current	65 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
Compatible Control Panels	PFC-8060 & PFC-8500



Product includes a 5 year warranty

Description

The LCD-AN is a LCD remote annunciator for the PFC-8060 and PFC-8500 addressable fire control panel. The LCD-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 LCD-AN features a 20x4 LCD display 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" square electrical box. The keypad is only operable when a key-locked security switch is set to the enable position.

Installation

The LCD-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.

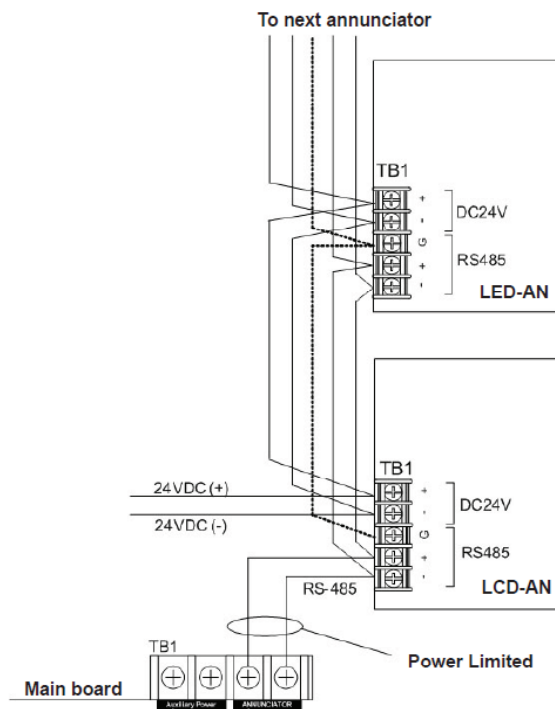
Configuration Characteristics

- The RS-485 maximum 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

Notes

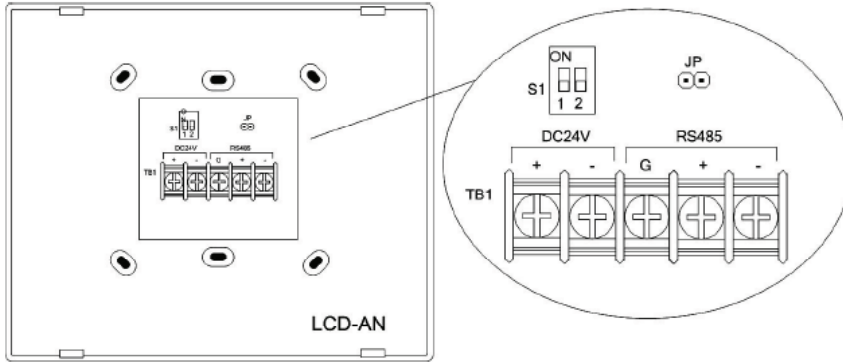
1. JP of the farthest annunciator must be shorted, and JP of other annunciators shall be open
2. Any connection to ground of 10,000 ohms will be annunciates a ground fault
3. Remote annunciators must be mounted on either a 2-gang or standard 4-inch square electrical box

LCD-AN Class B Wiring Example



Address Settings

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



2) The LCD-AN shows LCD display as follows. Set the assigned number by 0 -9 key. After that, push ENT key.

3) Switch 1 of Dip Switch S1 set off, LCD-AN will proceed to initializing.