

RA-6075R LCD ANNUNCIATOR INSTALLATION



Features

Standby Current 20 mA Alarm Current 25 mA

Operating Temperature 0°C-49°C (32°F-120°F) 10%-93%

@ 30°C (86°F) non-condensing

humidity

Maximum Wire Length 6500 FT Maximum Annunciators 31

Size (WxHxD) 8" x 6-1/4" x 1-5/8" Wire Gauge 14 AWG-22 AWG





S2930 7165-0328:0195

Description

The RA-6075R is a LCD remote annunciator for the PFC-6075R addressable releasing fire control panel. The RA-6075R 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 RA-6075R features a 16x2 LCD display with LED's for Power, Alarm, Supervisory, Trouble, and Silenced conditions. It also provides Release and Pre-Release LED's to indicate releasing status. It can be mounted on a single gang electrical box or a two square electrical box. The annunciator is enclosed in a sheet metal enclosure and has a Potter lock securing the keypad.

Installation

The RA-6075R is connected to the PFC-6075R using a four wire RS-485 connection. The connection is power limited and supervised. Up to thirty-one (31) RA-6075R LCD annunciators can be connected using Class B or Class A wiring. Class A wiring requires an optional CA-6075 Class A Expander.

NOTICE

Install in accordance with installation manual, #5403594.

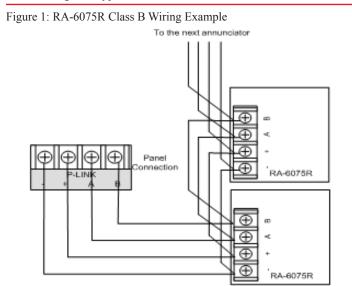
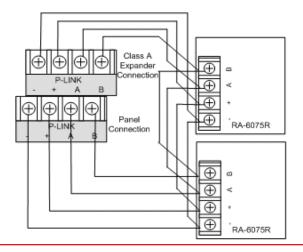


Figure 2: RA-6075R Class A Wiring Example



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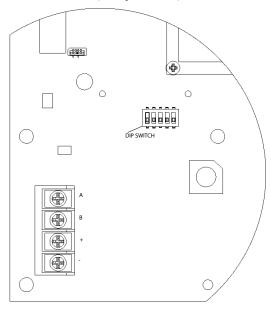


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Address Settings

The RA-6075R address is set by dip switch S1 located on the back of the RA-6075R. The address must be set in the range of 1 to 31 to be recognized by the control panel.

Figure 3: RA-6075R Class A (back panel view)



Dip Switch Settings

Refer to the table below for dip switch settings per Annunciator Address.

Annunciator	Dip Switch Settings					
Address	SW-1	SW-2	SW-3	SW-4	SW-5	
1	On	Off	Off	Off	Off	
2	Off	On	Off	Off	Off	
3	On	On	Off	Off	Off	
4	Off	Off	On	Off	Off	
5	On	Off	On	Off	Off	
6	Off	On	On	Off	Off	
7	On	On	On	Off	Off	
8	Off	Off	Off	On	Off	
9	On	Off	Off	On	Off	
10	Off	On	Off	On	Off	
11	On	On	Off	On	Off	
12	Off	Off	On	On	Off	
13	On	Off	On	On	Off	
14	Off	On	On	On	Off	
15	On	On	On	On	Off	
16	Off	Off	Off	Off	On	

Annunciator	Dip Switch Settings					
Address	SW-1	SW-2	SW-3	SW-4	SW-5	
17	On	Off	Off	Off	On	
18	Off	On	Off	Off	On	
19	On	On	Off	Off	On	
20	Off	Off	On	Off	On	
21	On	Off	On	Off	On	
22	Off	On	On	Off	On	
23	On	On	On	Off	On	
24	Off	Off	Off	On	On	
25	On	Off	Off	On	On	
26	Off	On	Off	On	On	
27	On	On	Off	On	On	
28	Off	Off	On	On	On	
29	On	Off	On	On	On	
30	Off	On	On	On	On	
31	On	On	On	On	On	