POTTER
The Symbol of Protection

CA-6
CLASS A EXPANDEI

Reviewed for Code Compliance
Inspections Division
Approved with Conditions

Date: 07/27/15

LISTED

7165-0328: 0198

Features

Standby Current	60 mA
Alarm Current	100 mA
Ambient Operating Temperature	32°F-120°F (0°C
	@ 30°C (86°F) non-condensing humidity
Maximum CA-6500 Expanders	1
Size (WxHxD)	10-1/4" x 1-1/8" x 5-1/8"
Compatible Panel	PFC-6800

Product Includes 5 year warranty.

General Description

The CA-6500 Class A expander allows notification circuits, PLINK circuits and the SLC circuit to be wired for Class A operation when used with the PFC-6500 series addressable fire control panels. Class A operation for notification, PLINK and SLC circuit can be selected independently in the PFC-6000 series configuration tool.

Installation

The CA-6500 is installed directly in the PFC-6800 series enclosure using the supplied cable assembly and hardware.

1. Power the system down
2. Slide the CA-6500 Class A expander into the opening on the bottom of the PFC-6800 chassis. The tabs on the back of the CA-6500 Class A expander must slide into the slots located in the PFC-6800 chassis.
3. Secure the CA-6500 CLass A expander using two #6-32x3/8" screws.
4. Plug the 2 x 9 cable assembly (P/N 5210515) into the CA-6500 and PFC-6800.

Figure 1: Examples of Installing and Wiring a Class A Expander Card

Figure 2: CA-6500 Installation Showing the CA-6500 Ribbon Connection

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CA-6500 Class A Expander Installation

The Class A configuration requires the use of the CA-6500. Once the card is installed, tl
are provided for the return loop of the NAC. The CA-6500 provides the terminals for NACs, SLCs, and P-Link. Refer to the figures below for examples of installing and wiring a Class A expander card.

Notes:

1. One (1) CA-6500 Class A expander may be installed per panel.
2. The CA-6500 provides the terminals for NACs, P-Link, and SLCs.

Fig. 3 Example of Wiring a Class A Expander Card

Fig. 4 Example of P-Link Class A Wiring Requiring a CA-6500

Refer to the PFC-6800 Installation and Programming manual for wiring Class A circuits