



PFC-5008 Stock No. 3992175 (includes DACT-5000)



**MEA**  
approved

\*Call for Additional Listings

### Optional Modules

- PR-5000 Polarity Reversal and City Tie Module
- ARM-4 Quad Relay Module
- ARM-8 Eight Relay Module

### Features

- 8 Class B (Style B) Initiating Circuits which may be configured as 4 Class A (Style D) circuits.
- 4 Class A/B (Style Z/Y) Indicating Circuits with individual trouble indicators (1.7 Amps max. per circuit.)
- Each Indicating Circuit can be configured as Silenceable or Non-Silenceable
- Audibles may be configured as Steady, Temporal Code, California Code or March Time
- Predefined Initiating Circuits can be configured as Waterflow or Latching/Non-Latching Supervisory
- Auxiliary relay contacts for Common Alarm, Common Trouble and Common Supervisory.
- If no Supervisory circuits are enabled, the Supervisory relay becomes a second Alarm relay.
- Zone Disconnect Switches
- Built-in RS-485 Interface for RA8F Multiplexed Remote Annunciators (Up to 3 Annunciators)
- Interface for Remote Trouble Indicator
- Built-in Walk Test operation
- Auto Signal Silence
- Selectable Alarm Verification on Initiating Circuits
- 5 Amp Power Supply
- Output for 4-wire resettable regulated smoke power supply of 24 VDC 100mA maximum.
- Output for PRTI or Remote Annunciators of 24VDC, 300mA max, unfiltered
- Extensive Transient Protection
- Easy configuration via DIP switches

Potter's PFC-5008 Fire Alarm Control Panel is a microprocessor based unit designed for small to medium commercial, residential, institutional and industrial occupancies. Fully configurable using DIP switches, it enables the user to configure the system to meet their specific requirements. The PFC-5008 is a PFC-5004E with the ZA42 expansion card factory installed. In addition, the preassembled kit contains a DACT 5000 for digital communication.

The PFC-5008 comes standard with 8 Class B (Style B) Initiating Circuits which may be configured as 4 Class A (Style D) circuits. In addition, it comes equipped with 4 Class A/B (Style Z/Y) Indicating circuits which are each rated at 1.7 amps. The panel also includes a 5 Amp Power Supply which

powers the system and supplies a 4-wire resettable regulated smoke power supply of 24 VDC 100mA maximum.

The PFC-5008 utilizes a simple DIP switch configuration for programming initiating and indicating circuits as well as the enabling and disabling of system functions such as Signal Silence, Fire Drill and Auxiliary Disconnect. Some predefined initiating circuits can optionally be configured Waterflow or Latching/Non-Latching Supervisory. In addition, the PFC-5008 allows for Alarm Verification on the initiating circuits. The indicating circuits may be configured as Silenceable or Non-Silenceable with the audibles configured for Steady, March-Time, Temporal Code, or California Code.

The PFC-5008 is equipped with auxiliary relay contacts for Common Alarm, Trouble and Supervisory. If no Supervisory circuits are enabled, the Supervisory relay becomes a second Alarm relay. The cabinet is available in a beige color for the Canadian market and a red exterior for the U.S. and International markets.

A Fire Retardant Lexan Window in the door allows for viewing of the status LEDs. Space is provided for up to 12 AH batteries.

### Specifications

Primary Input Power: 120 volts, 60 Hz, 4 Amp maximum

Indicating Current: 24VDC unfiltered, 5 Amps maximum

Standby Power: 24VDC Standby Batteries

Charging Capability: 4 - 24 AH Batteries

(24 AH Batteries require a separate battery cabinet)

### Dimensions

14 7/8"H x 14 1/2"W x 5"D

### Ordering Information

Stock No.	Model No.	Description
3992175	PFC-5008	8 Zone Microprocessor Based Fire Alarm Control Panel c/w 8 Class B (Style B) or 4 Class A (Style D) Initiating Circuits, 4 Class A/B (Style Z/Y) Indicating Circuits and a 5 Amp Power Supply. Standard with one DACT-5000 Communicator.
3002140	PRTI-1	Remote Trouble Indicator
<b>Adder Modules</b>		
3002100	PR-5000	Polarity Reversal/City Tie Module
3002110	CFG-5000	Configuration and Diagnostics Tool for the DACT-5000
3002120	ARM-4	Auxiliary Relay Module c/w 4 configurable relays
3002125	ARM-8	Auxiliary Relay Module c/w 8 configurable relays (Note: Only one of a DACT-5000 or PR-5000 module can be used with the PFC-5004E)
<b>Remote Annunciator</b>		
3002135	RA8F	Remote Multiplex Annunciator c/w Common Control Features, Indicators and 8 Bi-Colored LEDs <i>Controls:</i> Signal Silence, Buzzer Silence, Lamp Test & System Reset <i>Indicators:</i> A.C. On, Common Trouble & Signal Silence
<b>Batteries</b>		
5130092	BT-40	12 Volt, 4 Amp/Hr. Battery - 2 pcs required per panel
5130084	BT-80	12 Volt, 8 Amp/Hr. Battery - 2 pcs required per panel
5130090	BT-120	12 Volt, 12 Amp/Hr. Battery - 2 pcs required per panel