PFC-5004E
FIRE ALARM CONTROL PANEL

Stock No. 3992020

S735   7165-0328: 0155

Optional Modules
- UDACT-9100 Digital Communicator
- ZA-42 Zone Adder Module
- ARM-4 Quad Relay Module

Product includes a 5 year warranty

- 4 Class B (Style B) with 2 Class A (Style D) Initiating Circuits. Expandable up to 8 Class B (Style B) 4 Class A (Style D) Initiating Circuits.
- Predefined Initiating Circuits can be configured as Waterflow or Latching/Non- Latching Supervisory
- Selectable Alarm Verification on Initiating Circuits
- Zone Disconnect Switches
- 5 Amp Power Supply
- 2 Class A/B (Style Z/Y) Notification Circuits (1.7 Amps max. per circuit.) Expandable up to 4 Class A/B (Style Z/Y) Notification circuits.
- Each Notification Circuit can be configured as Silenceable or Non-Silenceable.
- Audibles may be configured as Steady, Temporal Code, California Code, or March Time.
- Auto Signal Silence
- Auxiliary relay contacts for Common Alarm, Common Trouble, and Common Supervisory.
- Built-in RS-485 Interface for RA8F Multiplexed Remote Annunciators (Up to 3 Annunciators)
- Built-in Walk Test operation
- Output for 4-wire resettable regulated smoke power supply
- Easy configuration via DIP switches

Electrical Specs

AC Mains: 2.0 Amps @ 120 VAC 60HZ
1.0 Amps @ 240 VAC 50 HZ

Potter's PFC-5004E Fire Alarm Control Panel is a microprocessor based unit designed for small to medium commercial, residential, multi-family, institutional and industrial occupancies. Fully configurable using DIP switches, it enables the user to configure the system to meet their specific requirements.

The PFC-5004E comes standard with 4 Class B (Style B) Initiating Circuits which may be configured as 2 Class A (Style D) circuits. In addition, it comes equipped with 2 Class A/B (Style Z/Y) Indicating circuits which are each rated at 1.7 amps. The PFC-5004E can be expanded up to 8 Class B (Style B) or 4 Class A (Style D) Initiating Circuits and 4 Class A/B (Style Z/Y) Indicating circuits with the addition of a ZA-42 Adder Circuit Module. 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-5004E 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-5004E 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. Sync module required for strobe synchronization.

The PFC-5004E 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.

Specifications

Battery: 110 mA Standby
220 mA Alarm

Charging Capability: 4 - 24 AH Batteries.
Space is provided for up to 12 AH batteries.

Dimensions

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

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Ordering Information

Stock No.	Model No.	Description
3992020	PFC-5004E	Four expandable to Eight Zone Microprocessor Based Fire Alarm Control Panel c/w 4 Class B (Style B) or 2 Class A (Style D) Initiating Circuits, 2 Class A/B (Style Z/Y) Indicating Circuits and a 5 Amp Power Supply. Expandable up to 8 Class B (Style B) Initiating Circuits or 4 Class A (Style D) and 4 Class A/B (Style Z/Y) Indicating Circuits. Allows for one UDACT-9100 Communicator or one PR-5000 Priority Reversal Module

Adder Modules

3002115	ZA-42	Four Class B (Style B) or Two Class A (Style D) Initiating Circuit and 2 Class A/B (Style Z/Y) Indicating Circuit Module
3992500	UDACT-9100	Digital Alarm Communication Transmitter/Dialer Module (Requires CFG-LCD)
3992505	CFG-LCD	Programmer for UDACT
3002120	ARM-4	Auxiliary Relay Module c/w 4 configurable relays

Remote Annunciator

3002135	RA8F	Remote Multiplex Annunciator c/w Common Control Features, Indicators and 8 Bi-Colored LEDs *Controls:* Signal Silence, Buzzer Silence, Lamp Test & System Reset *Indicators:* A.C. On, Common Trouble & Signal Silence

Batteries

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