POTTER
The Symbol of Protection

- Five zone communicator
- One class A (style D) Waterflow Zone
- Four class B Initiating Zones, smoke detector capable w/no additional modules.
- Two optional Form C relays
- Built-in dual phone line Module with Line Monitoring and 24 hour self test
- 1.5 amp Notification Circuit (PFC-7501)
- 500 mA Auxiliary output
- LCD or LED Annunciators
- Fire Drill feature
- Contact ID, 4-2 or DMP SDLC Communication Formats
- Remote Programmable
- Available Cross Zoning
- 16.5 VAC, 12 VDC or 24 VDC power input

MEA approved

Call for additional listings.

Description

The PFC-7500 series fire alarm communicators provide reliable and efficient monitoring of sprinkler systems where fire alarm panels are not required. The PFC-7500 series has five input circuits, four Class B circuits and one Class A (Style D) circuit (waterflow zone). The PFC-7500 is a slave communicator that can be either connected for sprinkler system monitoring or as a slave communicator to an existing fire alarm panel. The panel comes standard with a Trouble Annunciator that mounts directly in the door of the panel. The panel must be powered with either a WLT transformer and back-up battery a 12VDC or 24VDC from a fire alarm panel with battery backup.

The PFC-7501 is a complete fire alarm control panel with five input circuits and a 1.5 amp notification circuit. In addition, a total of 500-mA auxiliary power is provided. The panel provides a non supervised 12 VDC notification circuit. An optional module is available for a supervised notification circuit Class A/B (Style Z/Y). The PFC-7501 comes standard with the WLT wire in 16.5 VAC transformer. Either of the PFC-7500 series panels can be connected to a LCD or LED annunciator. The panels can be programmed using either a LCD annunciator or a computer and programming cable. In addition, the panels are remote programmable through Potter Link software.

The PFC-7501 Alarm Communicator Kit is a PFC-7501 panel, a WLT 16.5 VAC transformer and a RA-7690 annunciator. The RA-7690 LCD annunciator is both a programmer and annunciator.

Ordering Information

3003000	PFC-7500 Slave Communicator
3003004	PFC-7501 Fire Alarm Communicator
3003030	PFC-7501 Alarm Communicator Kit
3003006	PFC-7501 without WLT Transformer
3003003	PCB Assy for PFC-7500
3003005	PCB Assy for PFC-7501
3003001	RA-7690 LCD Annunciator
3003002	RA-7692 LED Annunciator
1000394	16.5 VAC Transformer
1000314	Auxiliary Form C relay
1000312	TAM Trouble Annunciator Module
5130084	BT-80 8.0 AH Battery
1000447	P32-1T Single Action Pull Station
1000476	P32-1T-LP Dual Action Pull Station
1430006	BPS-2 12/24 VDC Photo Smoke Detector
1430026	BPS-2W White 12/24 VDC Photo Smoke
1750070	6" 12 VDC Bell
1750080	8" 12 VDC Bell
1750060	10" 12 VDC Bell
1500001	Weatherproof Bell Backbox
1000395	RJ 31X Phone Jack
1000396	RJ 31X 4' Plug to Plug Phone Cord
1000313	DCP Programming Cable
1000315	SNP Supervised Notification Module
1000397	PPCJ Plug-Plug Cord w/RJ31X Jack

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Engineering Specifications

The contractor shall furnish and install the Potter PFC-7500 series fire alarm communicator. The PFC-7500 shall be used as slave digital communicator for a fire alarm control panel or as a sprinkler-monitoring panel. The PFC-7500 shall have one Class A (Style D) waterflow zone and four programmable Class B initiating zones. In addition, the PFC-7500 shall have a Trouble Annunciator Module to indicate a Green LED for a normal system, a Yellow LED for trouble and a silence switch. A buzzer shall also annunciate a trouble condition. The PFC-7501 is listed as a fire alarm control panel and meets the requirements of UL 864. Similar to the PFC-7500 the system shall have one Class A (Style D) waterflow zone and four programmable Class B initiating zones. In addition, The PFC-7501 shall have a 1.5 amp notification output as well as a 100mA smoke detector output.

Either panel shall be capable of being powered from a 16.5 VAC wire-in transformer or powered from a 12/24 VDC fire alarm control panel. The panel shall have an internal silence/reset switch. This switch shall silence the bell circuit and temporarily remove power from the auxiliary power (PFC-7501 only) and reset all latched devices on the input circuits. In addition, the panels shall communicate using Contact ID, Ademco 4-2 or DMP SDLC. The panel shall provide two RJ connectors for connecting to telephone lines. The panels shall support either LCD or LED annunciators. The panel shall supervise up to four (4) of the RA-7690 LCD annunciators. The panel shall be programmed either through the RA-7690 or through a computer program. The panel shall support two optional form C relays.

Specifications

PFC-7500 SERIES
Input -
     Main -
          16.5 VAC, 12 VDC or 24 VDC
          (No Battery with 12 or 24 VDC)
     Secondary -
          12 VDC 8.0 Ah battery
     Auxiliary Output -
          500 mA 12 VDC
     Alarm Output -
          1.5 Amps @ 12 VDC (PFC - 7501)
     4 Wire Smoke Detector Power -
          500 mA @ 12 VDC (PFC-7501)
     Annunciator Output -
          50 mA each (switched ground)
     Dimensions -
          12.5" x 9.5" x 3.75"