

CRC-300

Releasing Control Panel

Features

- Five Class B Initiating Device Circuits
- Two Class B Detection Zones
- Three Class B Programmable Outputs
- One Class B Releasing Circuit
- Programmable Cross Zoning including AND/OR capability
- Supervised Microprocessor
- 4 x 20 LCD display
- Integrated Battery Meter
- On Board Menu Driven Programming Controls
- Releasing Circuits Protected From False Activation
- 1000 Event History Buffer
- Walktest with Automatic Time-out
- Alarm, Trouble, Supervisory, and Water low/Discharge confirmation relays
- Up to 26 standard programs in panel memory
- Password protection
- Suitable for agent and/or water-based extinguishing
- Programmable pre-discharge and soak timers
- Ethernet port for history download and firmware upgrade
- Five Abort modes

Versatile Suppression Control

The Potter Model CRC-300 is a conventional single-hazard releasing control panel listed for use with pre-action, deluge, and agent-based fire suppression systems.

Simplified Programming

The microprocessor-based panel includes up to 26 standard programs stored in memory, covering most installation requirements. Configuration is completed through intuitive, menu-driven on-board controls, with additional custom programming available when required.

Installation & Standby Reliability

The CRC-300 is housed in a durable red steel cabinet with key lock. Multiple enclosure knockouts support ease of installation, and the cabinet accommodates up to two 8Ah batteries, providing over 90 hours of standby power.

*This product is not available for sale or use in the United States.
For Multi-Hazard applications please refer to our PFC-4410G3*



Technical Specifications

Battery Capacity	Up to two (2) 8Ah batteries
Battery	<ul style="list-style-type: none"> • 3 Amps power for NACs, AUX • 3 Amps per NAC, regulated • Battery Charger range 8-55 Ah • Battery Charger voltage 27.3 VDC • AUX maximum current of 1 Amp

Weight & Dimensions	13.5lbs(6.1Kg) 16 3/4" x 14 7/8" x 3 1/4"
--------------------------------	--

Enclosure	18 AWG cold rolled steel, full dead front, multiple 0.886" and 1.125" knockouts
------------------	---

Environmental	Indoor use only, 32-120 F (0-49C) 95% relative humidity
----------------------	---

Power Requirement	120-240 VAC 50/60 Hz
--------------------------	----------------------

Standards /Service	UL 864-11, NFPA 12, 12A, 13, 15, 16, 17, 17A, 72, 750, 2001, FM, RoHS III
---------------------------	---

Warranty	5-year manufacturer's warranty
-----------------	--------------------------------

User Interface

The panel has a 4 x 20 LCD display to provide system status information and aid in programming. The full function keypad includes navigation arrows to allow manipulation of the on-board menu and for scrolling through multiple events. In addition to the LCD, the panel also has the following system status LEDs:

- Power
- Power Trouble
- Earth Fault
- Alarm
- Trouble
- Supervisory
- Signal Silenced
- Discharge/Predischage

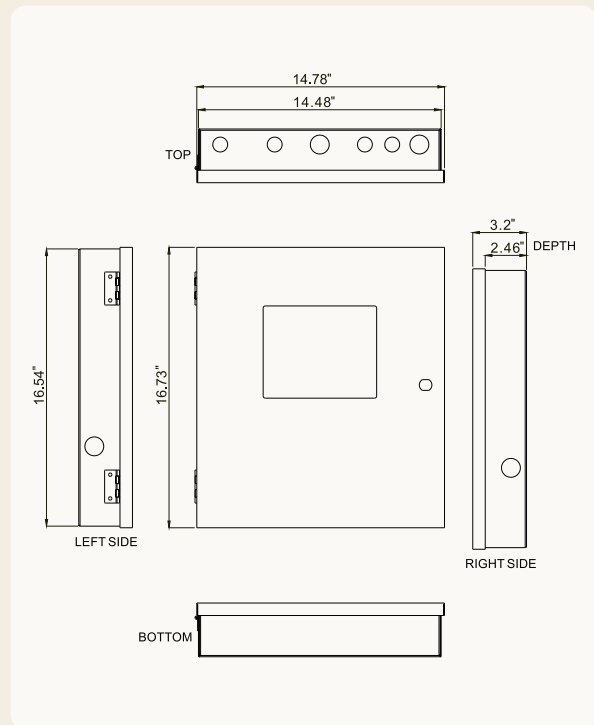
Ethernet Connection

The CRC-300 is shipped standard with an Ethernet connection. This connection can be used for history log download and firmware update.

Notice

Some electronic components used in releasing control panels have a typical service life of approximately 10 years. The service life may be reduced by local environmental conditions.

Dimensions



Ordering Information

Model	Description	Stock No.
CRC-300	Single Hazard Releasing Control Panel	39900178X
CRC-300-PCA	Replacement Motherboard	39900180X
ARM-1	Auxiliary Relay Module	3004726
RCDS-1	Panel Mount Release Circuit	3001012
RCDS2-2001	Panel Mount Release Circuit (Clean Agent)	3001015
Abort-R	Abort Switch for Releasing	3001000
PC-2P	Conventional Photoelectric Smoke Detector	1430045
PC-2H	Conventional Heat Detector	1430046
PC-2PH	Conventional Photo & Heat Detector	1430047
PC-2PN	Conventional Photoelectric Smoke Detector Without Magnetic Test	1430048
PC-RA	Conventional Remote Indicator	1430049
PC-4DB	Conventional 4" Base	1430052
PC-6DB	Conventional 6" Base	1430053
MRS-MAIN	Reserve Switch	3001003
MAS-MANUAL	Pull/Abort Station Red Pull	3001010
MAS-MP	Mounting Plate	3001012