

# 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

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

|                                |                                              |
|--------------------------------|----------------------------------------------|
| <b>Weight &amp; Dimensions</b> | 13.5lbs(6.1Kg)<br>16 3/4" x 14 7/8" x 3 1/4" |
|--------------------------------|----------------------------------------------|

|                  |                                                                                 |
|------------------|---------------------------------------------------------------------------------|
| <b>Enclosure</b> | 18 AWG cold rolled steel, full dead front, multiple 0.886" and 1.125" knockouts |
|------------------|---------------------------------------------------------------------------------|

|                      |                                                         |
|----------------------|---------------------------------------------------------|
| <b>Environmental</b> | Indoor use only, 32-120 F (0-49C) 95% relative humidity |
|----------------------|---------------------------------------------------------|

|                          |                      |
|--------------------------|----------------------|
| <b>Power Requirement</b> | 120-240 VAC 50/60 Hz |
|--------------------------|----------------------|

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

|                 |                                |
|-----------------|--------------------------------|
| <b>Warranty</b> | 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

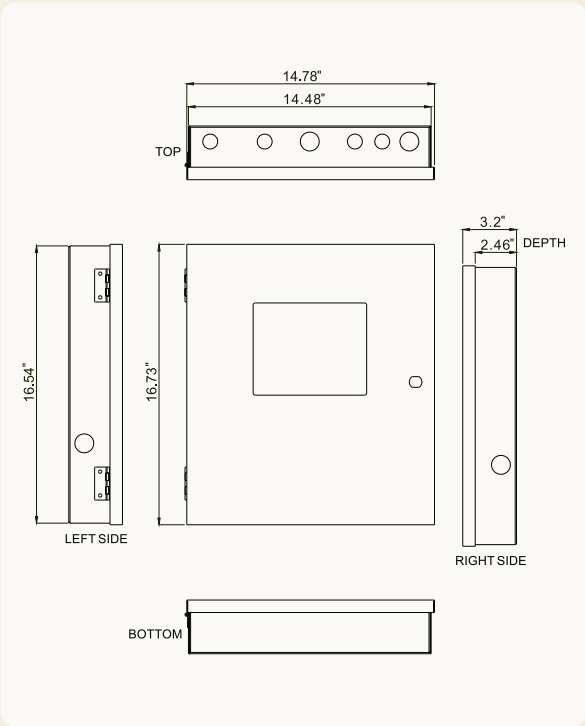
## Ethernet Connection

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   |
| RCDS-2001   | Panel Mount Release Circuit (Clean Agent)                       | 3001005   |
| 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   |