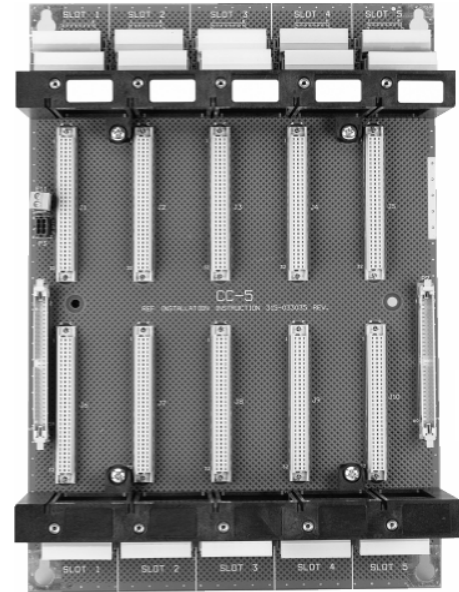


# FireFinder® XLS

## Card Cage-5 Slots Model CC-5

### ARCHITECT AND ENGINEER SPECIFICATIONS

- Common card cage for all FireFinder XLS / V option cards
- Five (5) slots to mount any option cards – with no restrictions
- Mounts on back box or Model CAB-MP (two-module spaces)
- Removable terminal blocks
- Numbered terminal blocks
- All field-wiring terminations on top (power limited)
- All internal-wiring terminations on bottom (non-power limited)
- Molded card guides for card mounting
- Card-position locator label on card guide
- All cards communicate via common 60-pin power / data bus
- Screw terminals wire sizes supported: 12 AWG – 24AWG
- DIN connectors
- UL 864 9<sup>th</sup> Edition Listed and ULC Listed;  
FM, CSFM & NYC Fire Department Approved



### Product Overview

The Model CC-5 card cage provides the physical mounting location and all wiring connection points for all fire and voice system options cards for the FireFinder XLS fire alarm control panel (FACP).

### Specifications

All cards plugged into the Model CC-5 card cage communicate with other modules of the FireFinder XLS panel – via a common, 60-pin data bus. This 60-pin bus runs through the card cage; making all communication data buses and signals available to all cards. Connectors are provided on the left and right side of Model CC-5 to connect a 60-pin cable for communications with the FireFinder XLS operator interface, power supplies and amplifiers modules. There are no active components on Model CC-5.

Field wiring to all devices and circuits terminates at the Model CC-5 card cage.

All cards, which are designed for use with Model CC-5, route their field wiring terminations to the 'top' of Model CC-5. These connections are all power-limited.

Internal wiring connections distribute 24VDC to cards or high-level audio signals (depending on application used) connected to the 'bottom' of Model CC-5. Though, these internal-wiring connections are all non-power limited.

All wiring connections to Model CC-5 are made to removable terminal blocks. Terminal blocks are rated for use with wire-sized 12AWG to 24AWG. Each terminal block comes with a protective cover that also serves as a handle to allow easy terminal-block removal when wires are connected.

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## Specifications – (continued)

Each connector is numbered to make wiring terminations to the correct position on the terminal block simple and reduce the potential for wiring errors.

Model CC-5 is shipped with two (2) card guides (top and bottom) that mount to the Model CC-5 PCB. The 'top' card guide contains a blank label for use by the installer to indicate the location or card-slot position. The blank label serves as a reminder to the installer to ensure the proper card goes in the correct card slot – this is important during commissioning when cards may be installed after the field-wiring terminations have been made – and when cards are removed for service.

All field-wiring terminations are typically made to the Model CC-5 terminal blocks before the card guides are mounted and the option cards are installed. Model CC-5 mounts in two (2) of the four (4) available module spaces directly on the back box or optional Model CAB-MP for installation in the CAB-1, CAB-2 or CAB-3 enclosures.

## Compatible FireFinder XLS Cards

Any combination of the following (5) option cards can be installed in the CC-5:

### Fire System Cards:

Model	Part Number	Description
DLC	500-033090	Device Loop Card
CDC-6	500-034200	Conventional Detector Card
CRC-6	500-033250	Controllable Relay Card
NIC-C	500-033240	Network Interface Card
ZIC-4A	500-033050	Zone Indicating Card, four (4) circuits

### Voice System Cards:

Model	Part Number	Description
AIC	500-035300	Audio Input Card
DAC-NET	500-035100	Network Digital Audio Card
TZC-8B	500-034110	Telephone Zone Card
ZAC-40	500-035400	40W Zone Amplifier Card

## Temperature and Humidity Range

Model CC-5 is  $\text{UL 864 9}^{\text{th}}$  Edition listed for indoor dry locations within a temperature range of 120+/-3°F (49+/-2°C) to 32+/-3°F (0+/-2°C) and a relative humidity of 93+/-2% at a temperature of 90+/-3°F (32+/-2°C).

## Details for Ordering

Model	Part Number	Description
CC-5	500-633037	5-Slot Card Cage

Refer to Installation Instruction: 315-033035

**Notice:** This marketing data sheet is not intended to be used for system design or installation purposes. For the most up-to-date information, refer to each product's installation instructions.