Cerberus® PRO Modular system

Card Cage – 5 Slots
Model CC-5

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Architect & Engineer Specifications

☐ **Common card cage for all Cerberus PRO Modular system 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**

☐ **UL864 & CAN / ULC-S576 Listed;**

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 Cerberus PRO Modular system fire alarm control panel (FACP).

Specifications

All cards plugged into the Model CC-5 card cage communicate with other modules of the Cerberus PRO Modular system 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 Cerberus PRO Modular system operator interface, power supplies and amplifiers modules. There are no active components on Model CC-5.
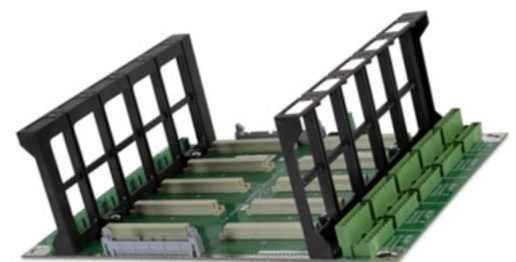
Field wiring to all devices and circuits terminates at the Model CC-5 card cage.

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.

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
Card Cage-5 Slots

Specifications – (continued)

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.

Temperature and Humidity Range

Model CC-5 is UL 864 9th 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 $90^{+/-3}°F$ ($32^{+/-2}°C$).

Compatible Cerberus PRO Modular Cards

--- Any combination of the following (5) option cards can be installed in a Model CC-5 Card Cage ---

FIRE SYSTEM CARDS		
MODEL	**PART NUMBER**	**DESCRIPTION**
DLC	500-033090	Device Loop Card
CDC-4	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

Refer to Installation Instruction: 315-033035

Details for Ordering

MODEL OR TYPE	PART NUMBER	PRODUCT
CC-5	500-633037	5-Slot Card Cage

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