CA150 – Single Door PoE* Control Board

KEYSCAN ACCESS CONTROL SYSTEMS from KEYSCAN INC.
A Member of the Kaba Group

Refer to the CA150 Installation Guide for complete instructions on connecting the control board and hardware components, setting DIP switches & jumpers, testing voltages, and wiring specific readers. Ensure lock hardware complies with building codes and fire regulations.

See Mounting Guidelines on reverse side. Do not remove left side cover or circuit board to mount enclosure.

Do not store this document inside the ACU enclosure unless the document is wholly contained within a fire-retardant envelop or tube.

Revised Serial Number Format/Software Enrollment

EPROM serial numbers on CA150 control boards have 3 alpha characters followed by 4 numeric characters – example AAC1234. Please note the following conventions for enrollment on Keyscan software:

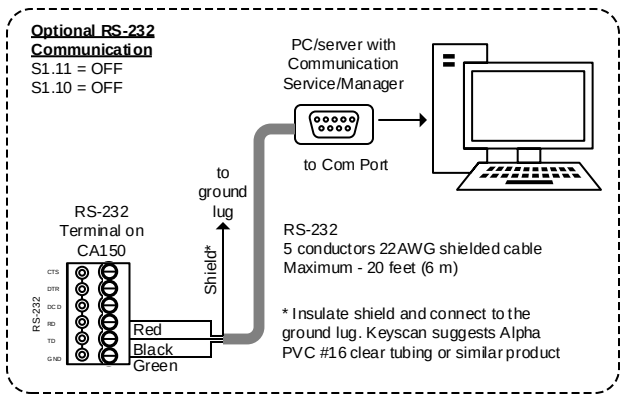
Aurora – enter all seven characters of the serial number - above example entered as AAC1234

System VII – enter the last alpha and four numeric characters – above example entered as C1234

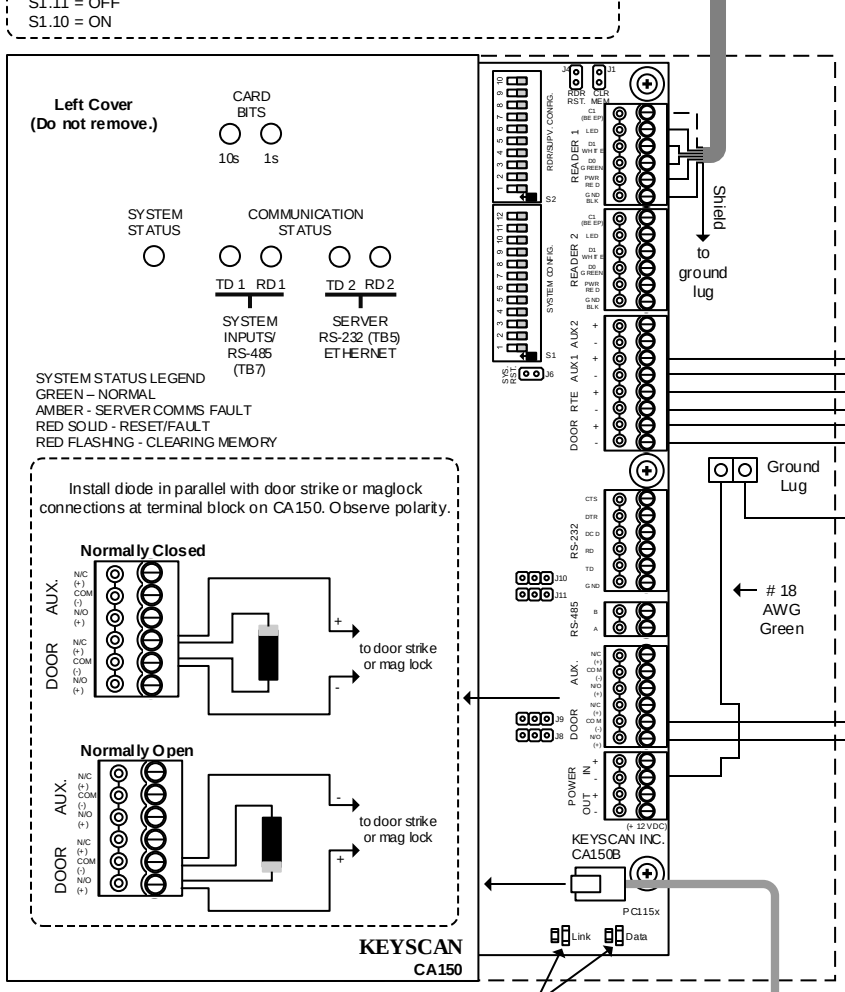
Vantage - enter the last alpha and four numeric characters – above example entered as C1234

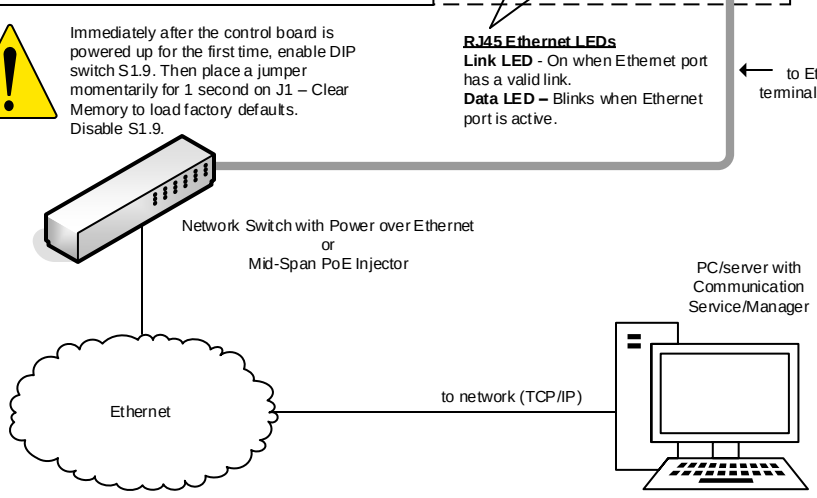
Single Panel Communication Only
The CA150 is designed as a single, stand-alone control unit and does not support CIM, CB-485 or CPB-10-2 connections to other control units.

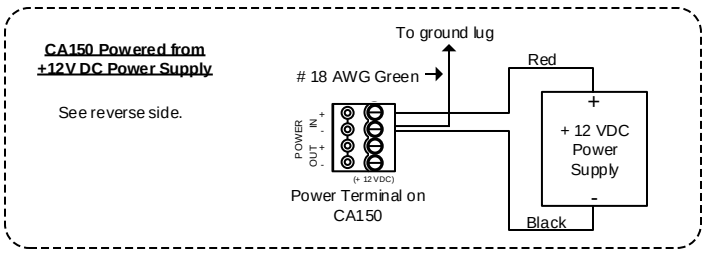
CA150 control units do not support global functions.

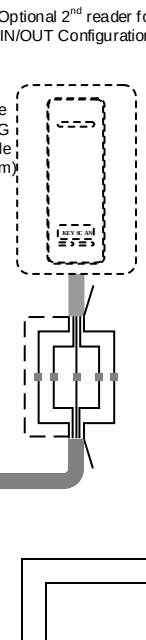


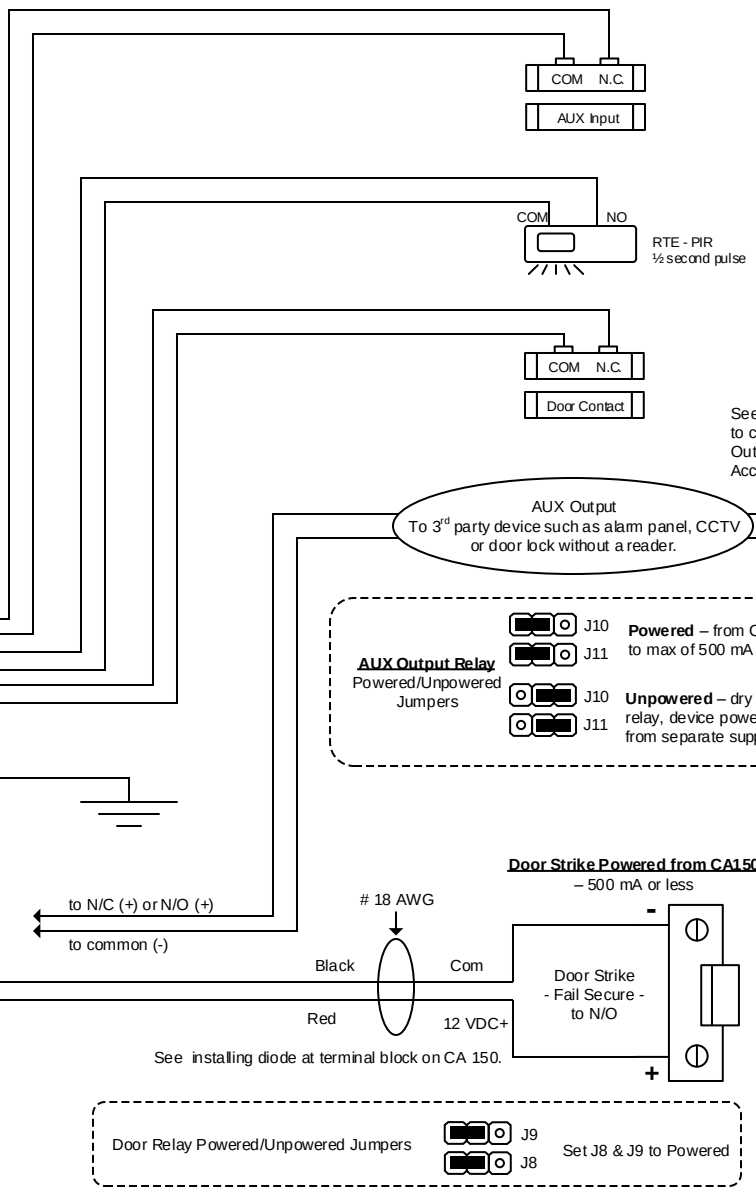
Ethernet Communication - Operating Mode
S1.11 = OFF
S1.10 = ON

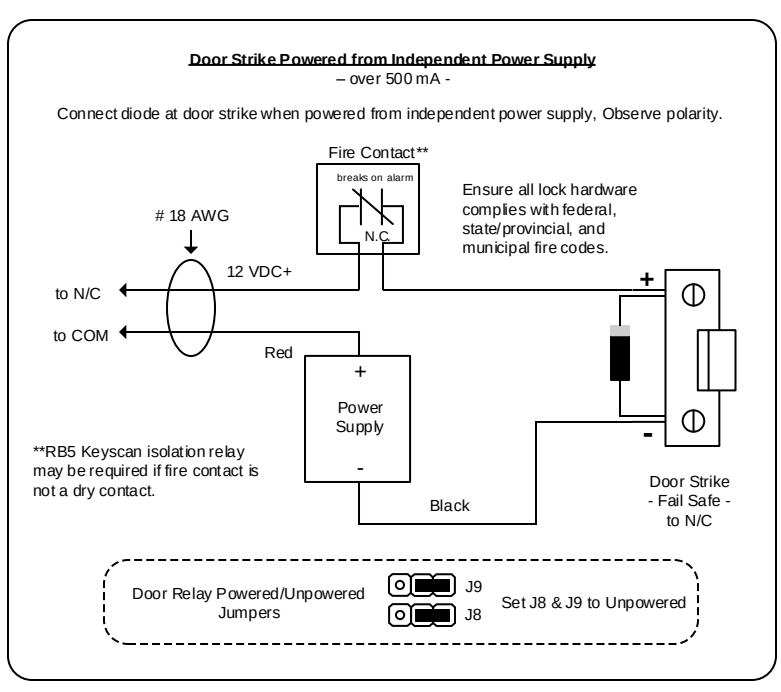












For mag lock connections, see CA150 Installation Guide.

RS-485 terminal on CA150 is for future use. Do not connect to CB-485.

CA150 Control Board – Serial # _____ (Communication address) / IP Address _____ Subnet Mask _____

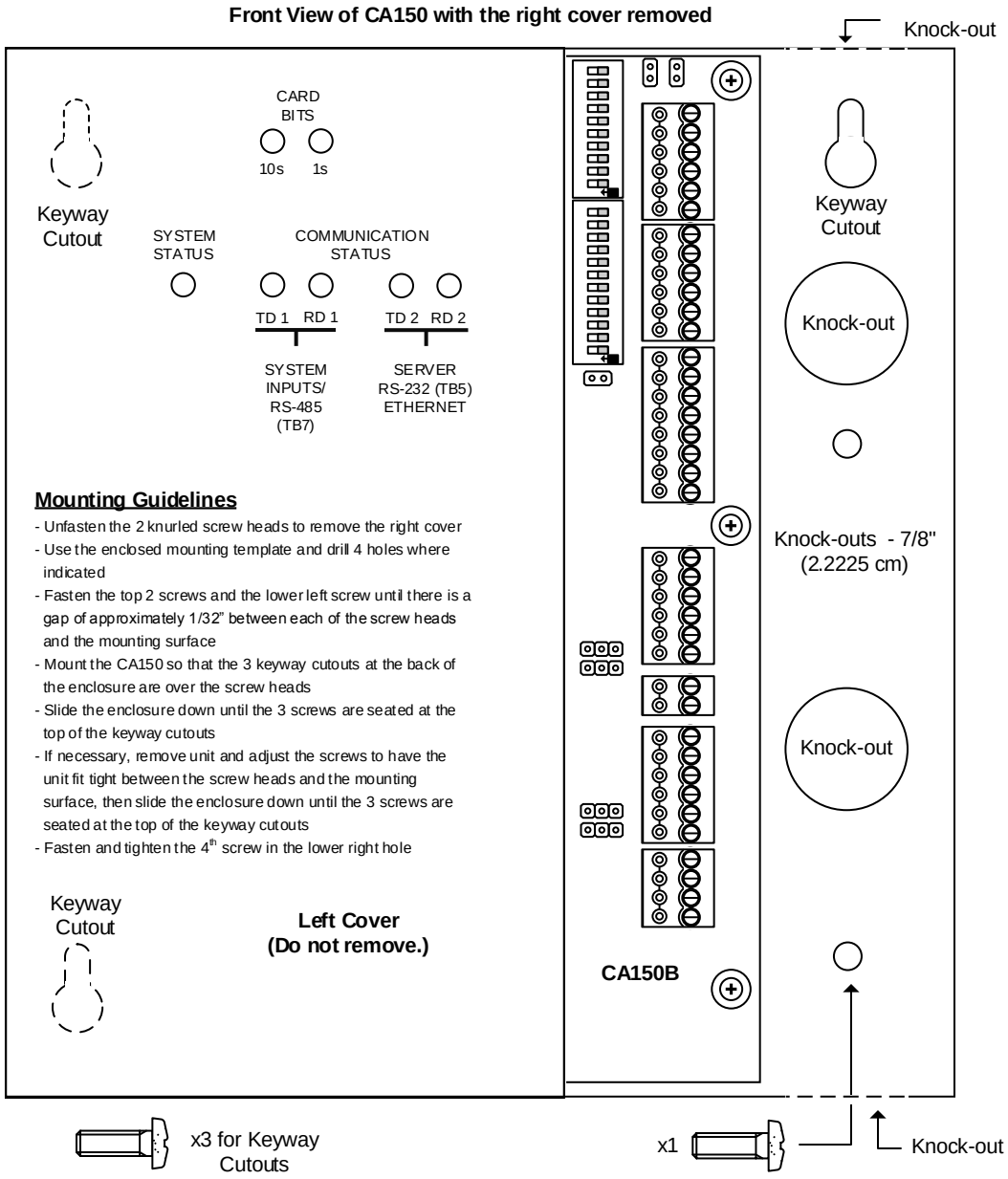
Name
Door _____ Reader # 1 / Direction _____
Reader # 2 / Direction _____

Name
AI/SI # 1 _____ AI/SI # 2 _____

 *POE under license with Chrimar Systems Inc., US Patents 8,155,012 - 8,942,107 - 9,049,019

Mounting Guidelines

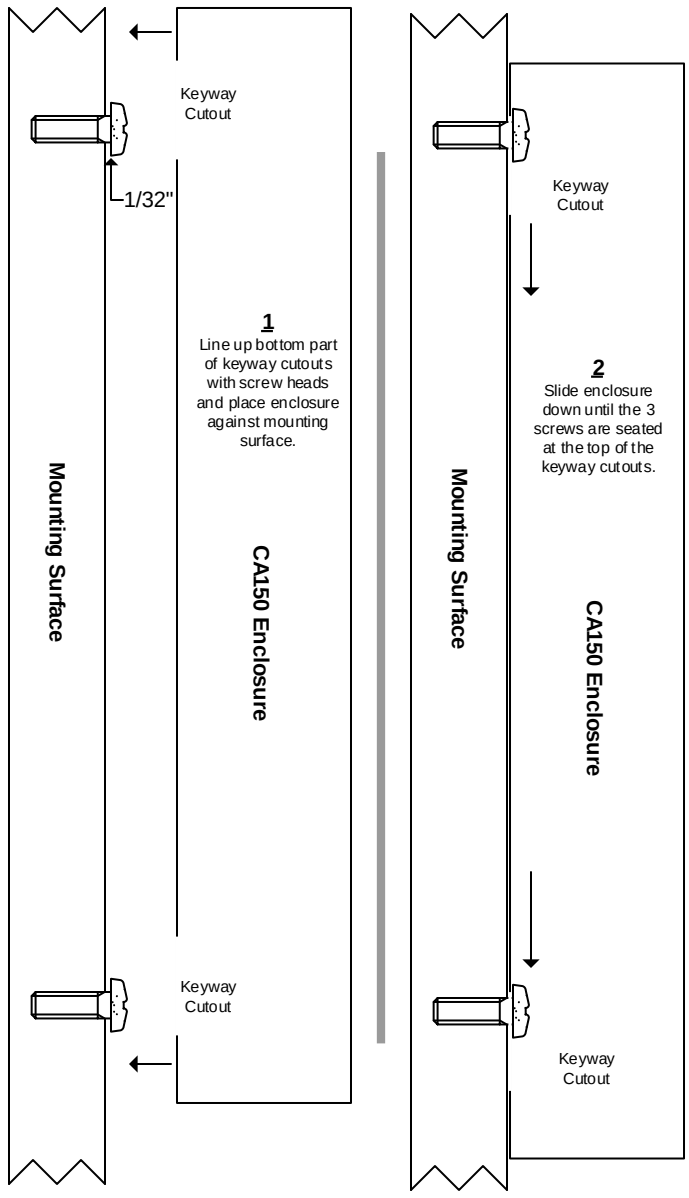
Front View of CA150 with the right cover removed



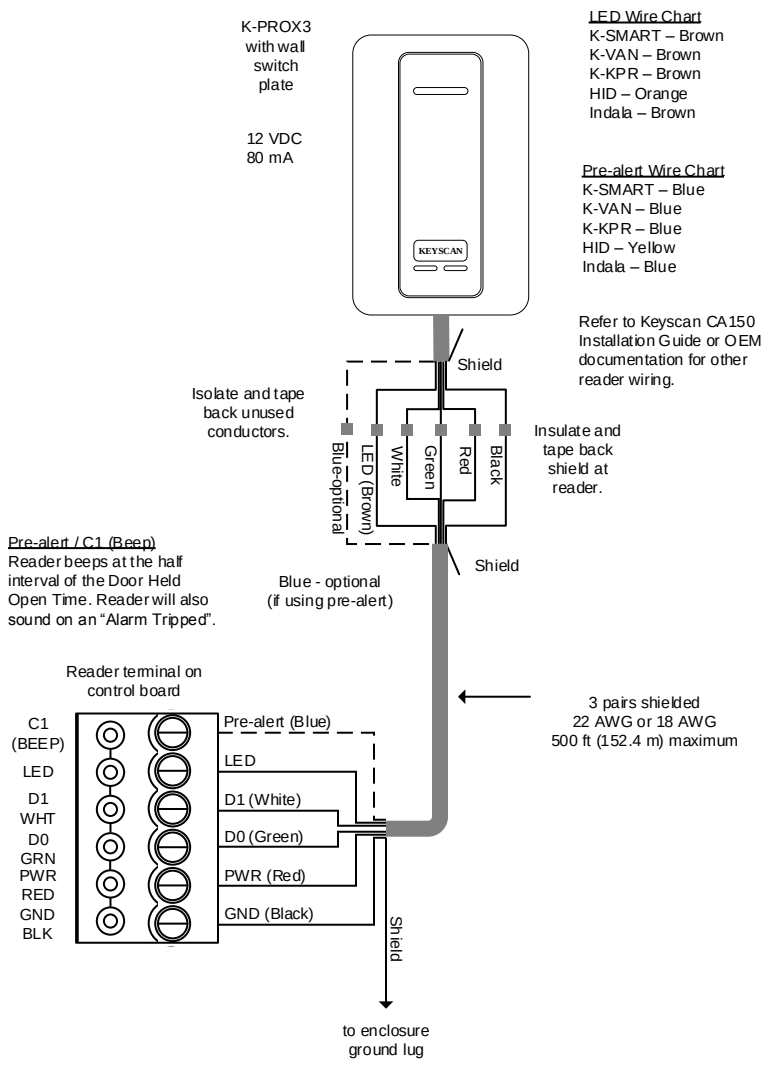
Mounting Guidelines

- Unfasten the 2 knurled screw heads to remove the right cover
- Use the enclosed mounting template and drill 4 holes where indicated
- Fasten the top 2 screws and the lower left screw until there is a gap of approximately 1/32" between each of the screw heads and the mounting surface
- Mount the CA150 so that the 3 keyway cutouts at the back of the enclosure are over the screw heads
- Slide the enclosure down until the 3 screws are seated at the top of the keyway cutouts
- If necessary, remove unit and adjust the screws to have the unit fit tight between the screw heads and the mounting surface, then slide the enclosure down until the 3 screws are seated at the top of the keyway cutouts
- Fasten and tighten the 4th screw in the lower right hole

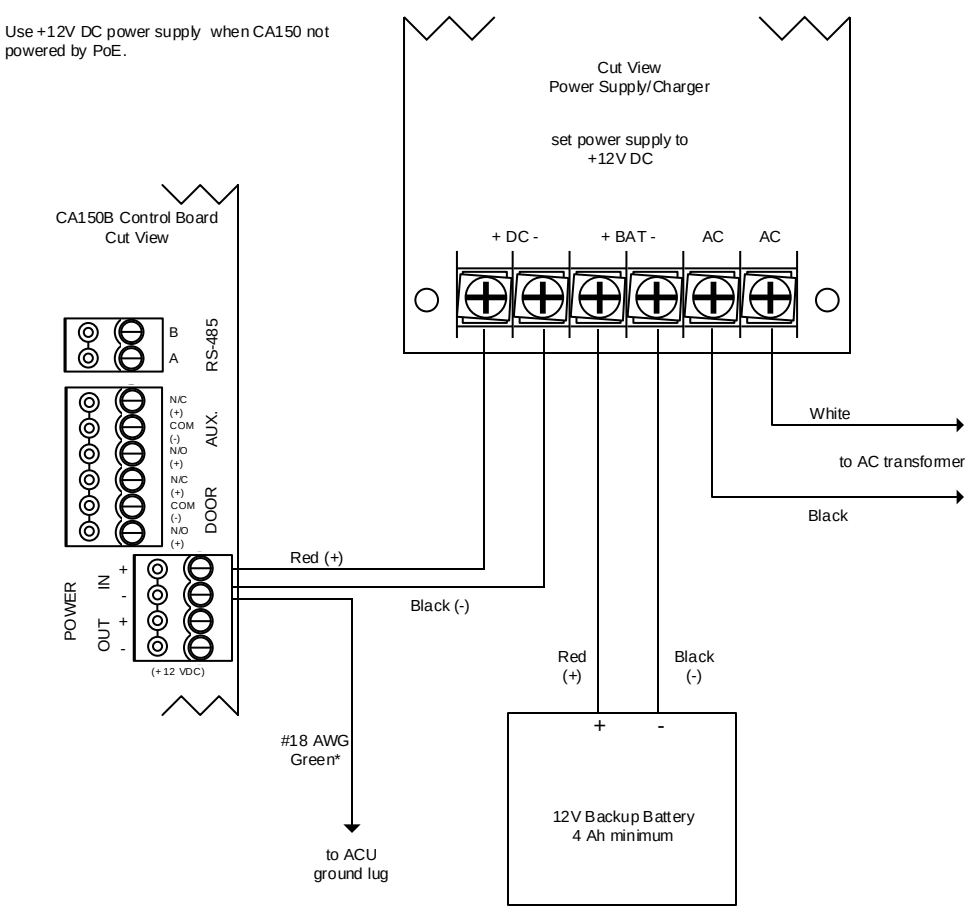
Side View



Reader Termination

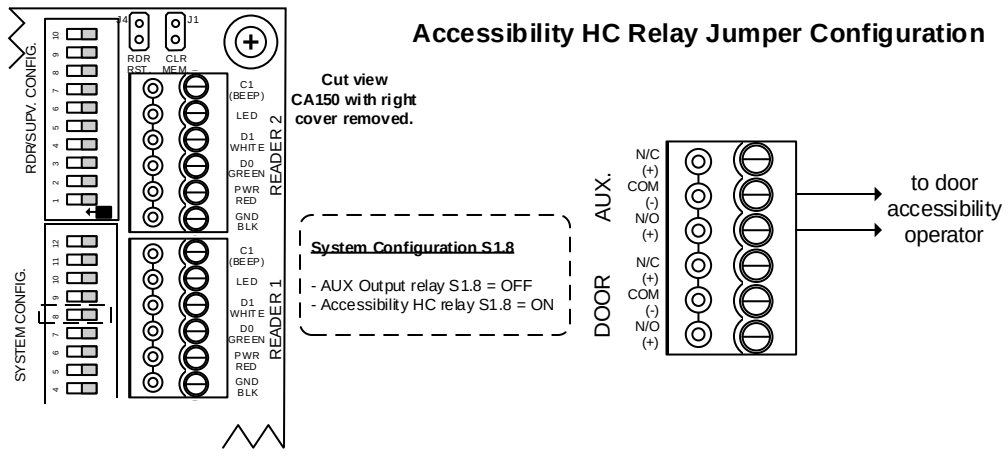


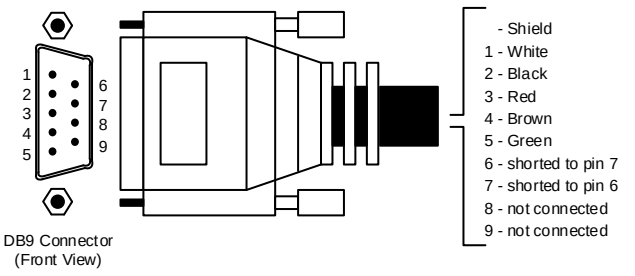
DC Power Supply Connections +12V DC



* Required for ungrounded power supply

Accessibility HC Relay Jumper Configuration



Configure a 9-pin RS-232 Data Cable

If making a 9-pin RS-232 data cable, follow the pin-to-wire colour assignments below.