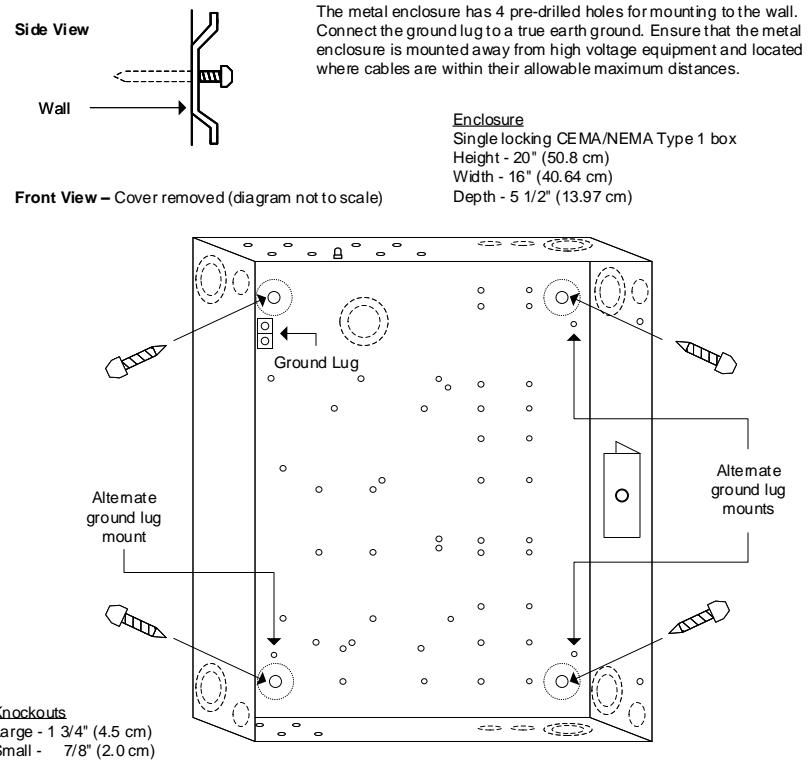
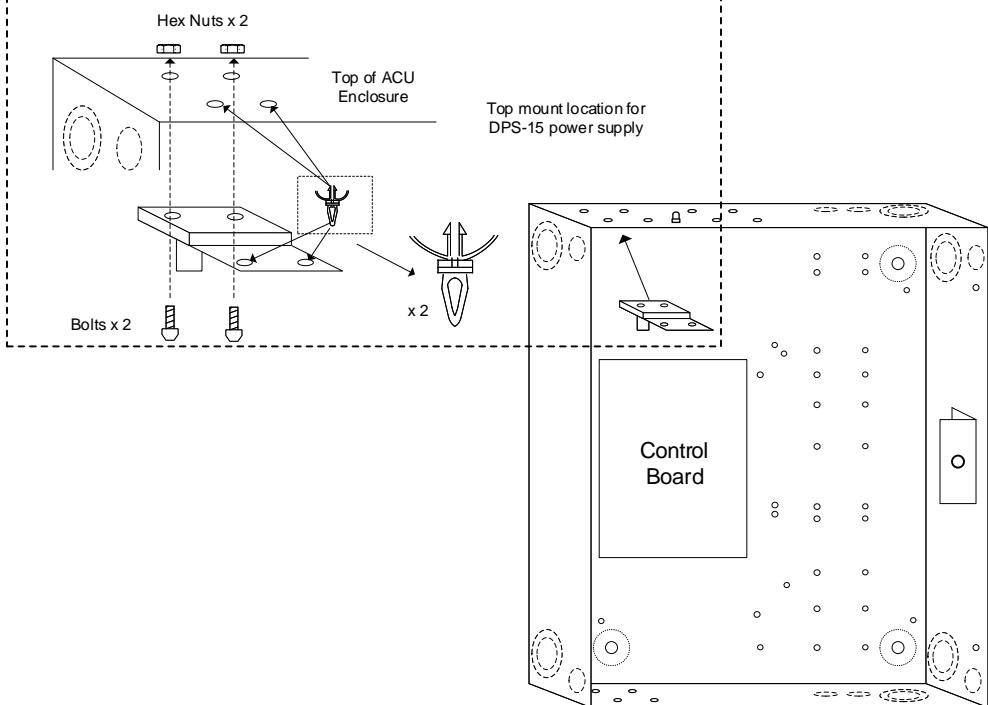


Mounting Instructions

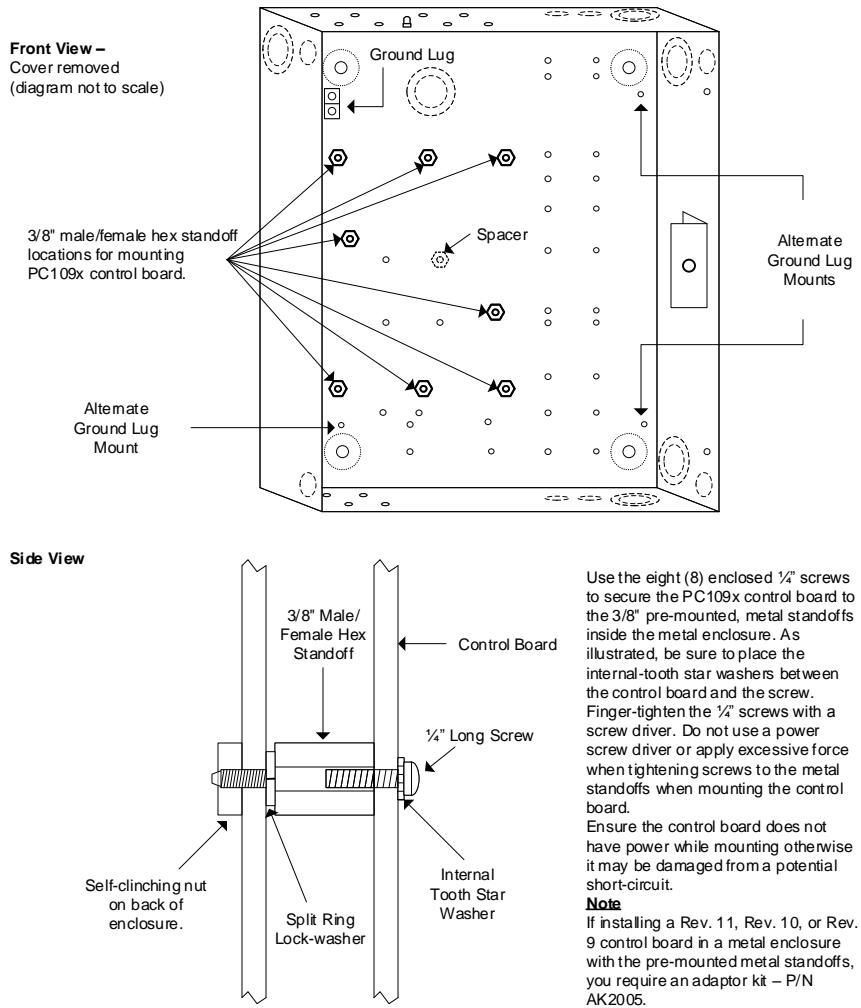
Mounting the Metal Enclosure



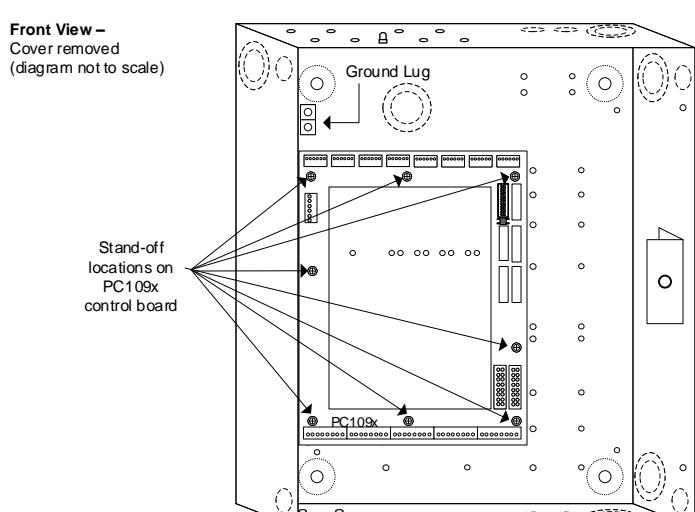
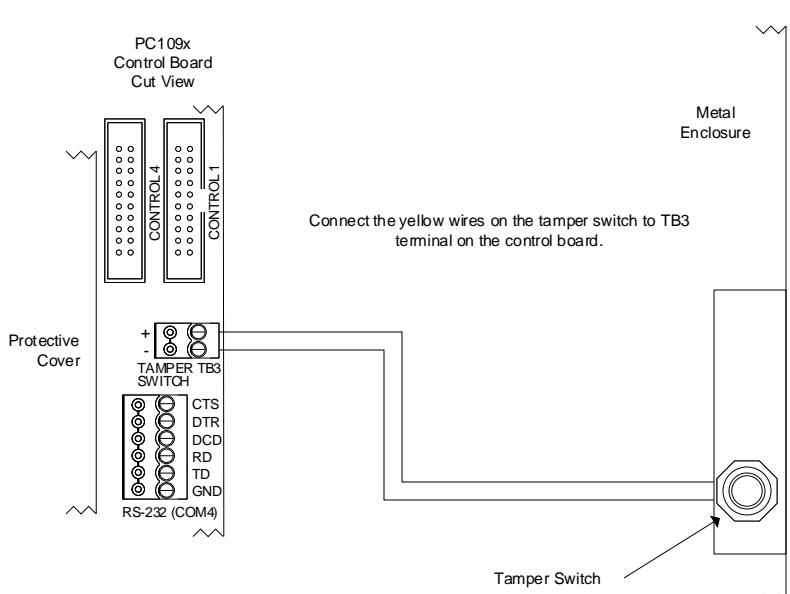
Mounting the DPS-15 Power Supply



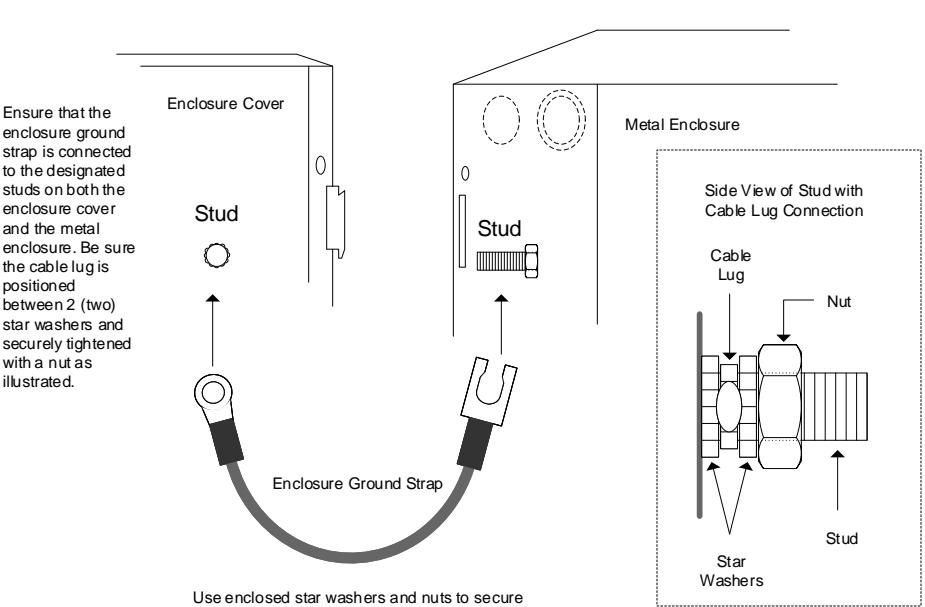
Mounting the PC109x Control Board to Metal Enclosure



Connecting the Enclosure Tamper Switch

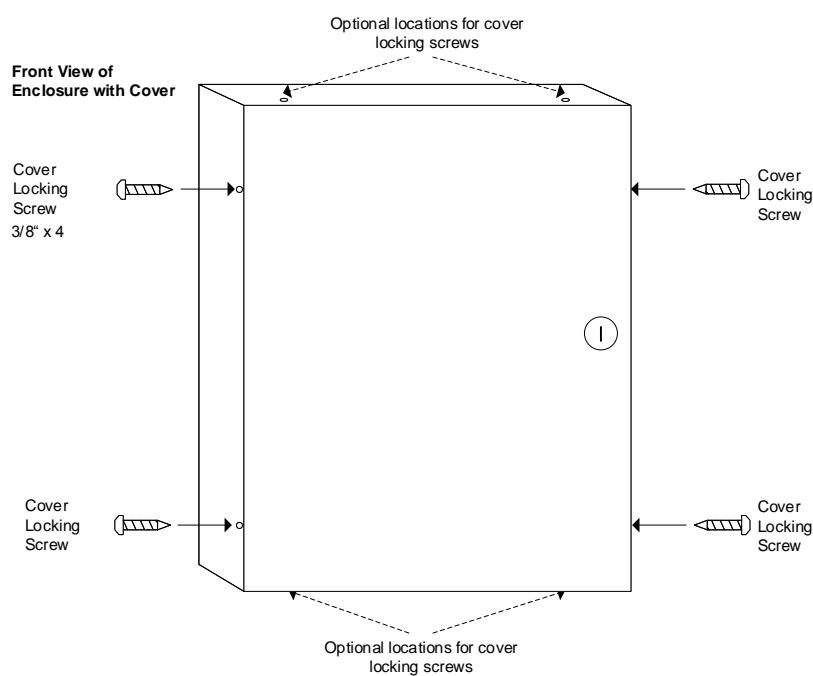


Fastening the Enclosure Ground Strap

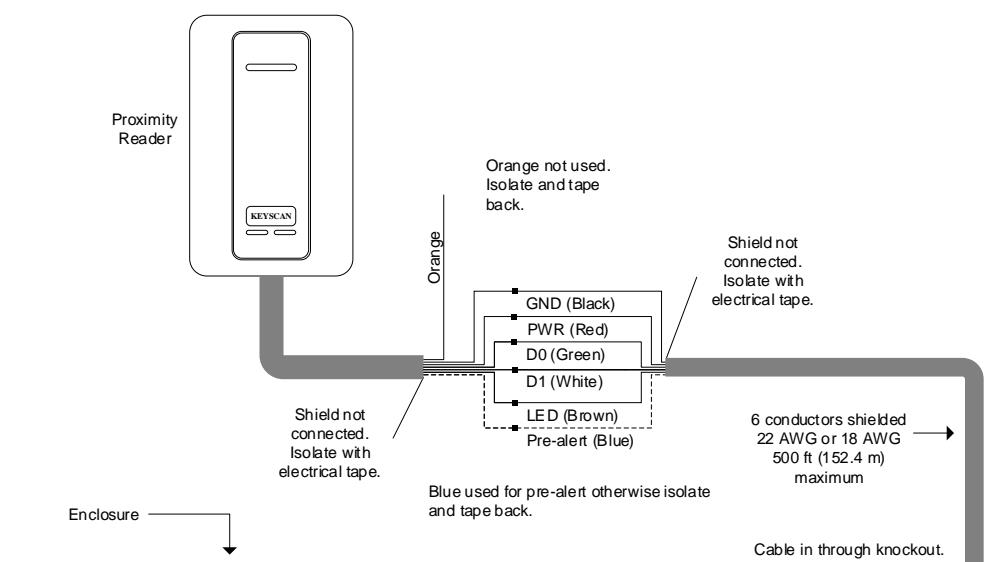


Mounting / Grounding Communication Cable Shield / Test Voltages

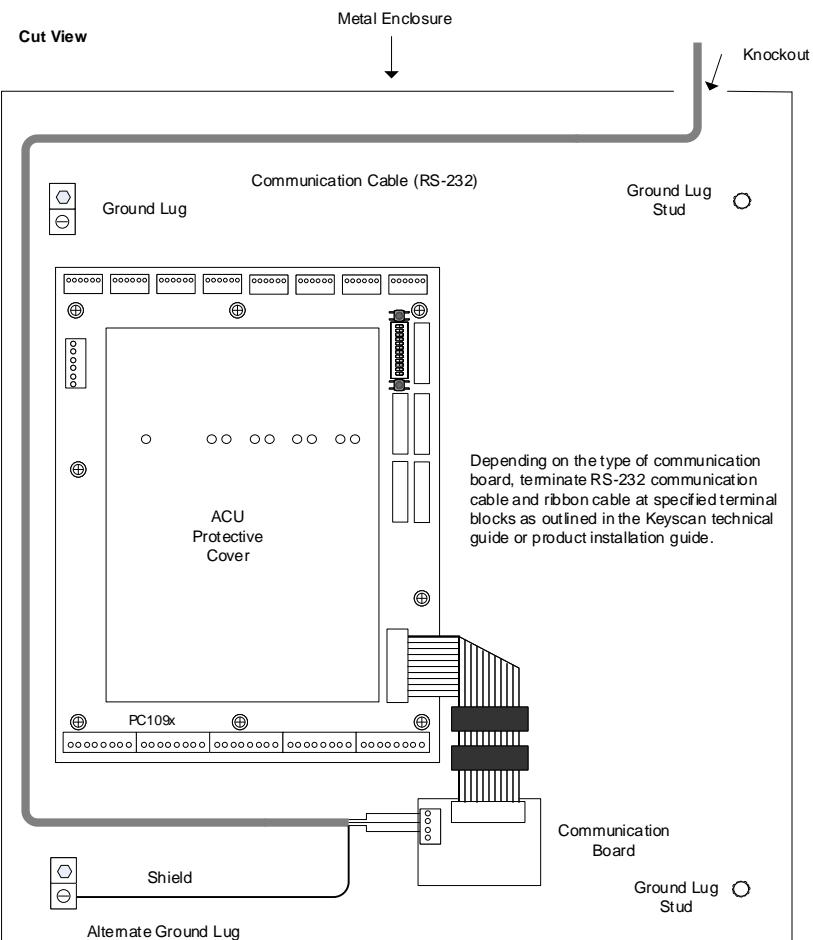
Securing the Enclosure Cover



Terminate Reader Wiring



Grounding the Communication Cable Shield



* Insulate shield with PVC tubing such as Alpha (p/n PVC10516 16 AWG) or comparable insulator.

Approved Standards

Keyscan CA250, CA4500, CA8500, EC1500 and EC2500 series control units conform to the following approved standards:

- UL STD 294:2018 7th Edition
- CAN/ULC STD 60839-11-1:2016 Ed.1
- FCC STD Part 15 Subpart B (Class B)
- IEC 62599-2:2010 Edition 1.0
- ROHS Directive 2002/95/EC
- Canadian ICES-003
- Industry Canada ICES 003 Emissions

Control Board Voltage Test Points

Control Board Test Points / Voltages

Reader Terminal

D1 WHT: (+) 5 VDC – white data 1 – if reader connected

D0 GRN: (+) 5 VDC – green data 0 – if reader connected

PWR RED: (+) 12 VDC – red DC Out

Test Points (TP)

TP1: (+) 13.5 VDC – reader power

TP2: (+) 13.5 VDC – ACU power

TP3: (+) 13.5 VDC – ACU power after circuit protector

TP4: (+) 5 VDC

TP5: (+) 3.3 VDC

Input Points (+) 5 VDC with open circuit

Input Points 0 VDC shorted to common return

Voltmeter
Set voltmeter to VDC
V-Ω to test points
Com to ground lug in metal enclosure

