MAX SIXTY-FOUR AD400 OR NDE/LE PER GALAXY 635 CPU. EACH DSI BOARD HAS TWO RS485 PORTS EACH SUPPORTING UP TO SIXTEEN AD, NDE, LE LOCKS COMBINED.

EARTH GROUND SHIELD ON BELDEN 3106A CABLE AT GALAXY 635 CONTROLLER ENCLOSURE ONLY.

WIRING SHOWN REFLECTS WIRING TO SCHLAGE PIM-485 AND GWE FROM GALAXY 635 ONLY. ADDITIONAL WIRING WILL BE REQUIRED ON THE GALAXY 635 AND WILL NOT BE SHOWN HERE.

RS485 TERMINATION IS NOT TYPICALLY REQUIRED. IF YOU ARE EXPERIENCING INTERMITTENT OR ERRATIC COMMUNICATION PROBLEMS, INSTALL A 120 ohm RESISTOR AT THE BEGINNING AND AT THE END OF THE RS485 DATA LINE PARALLELED ACROSS DATA LINES. NOTE, INCORRECTLY INSTALLED TERMINATION RESISTORS CAN CREATE MORE PROBLEMS AND SHOULD ONLY BE USED IF REQUIRED.

WITH HHD OR ENGAGE APP SET LO AND HI WAPM ID'S. BY DEFAULT, PIM AND GWE USES 0-15, MUST BE CHANGED TO 1-16. IF LO IS 0 THEY WILL NOT COMMUNICATE.

UL 294 POWER SUPPLIES USED SHOULD NOT BOND EARTH GROUND TO SIGNAL GROUND.

IF PLENUM RATED CABLE IS REQUIRED USE BELDEN 82842 OR EQUIVALENT.

A PIM400-485 WILL SUPPORT UP TO SIXTEEN AD400 OR WRI400 OR WPR400 OR WSM400 TOTAL. GWE CAN SUPPORT UP TO 10 NDE OR LE LOCKS COMBINED.

NOTE: CONFIGURATION HAS BEEN TESTED IN ALLEGION LABS AND HAS BEEN REVIEWED AND APPROVED BY GALAXY.