



- NOTES:**
- 1) ALL LOW VOLTAGE WIRING TO BE STANDARD, MULTI-CONDUCTOR COLOR CODED WITHOUT SPLICES.
 - 2) WIRING TO CONFORM TO APPLICABLE NATIONAL, STATE AND LOCAL ELECTRICAL CODES.
 - 3) REFER TO SPECIFIC PRODUCT INSTALLATION INSTRUCTIONS FOR SPECIFIC WIRING REQUIREMENTS.
 - 4) THIS DRAWING IS FOR GRAPHICAL REPRESENTATION OF PRODUCTS DETAILED IN THE HARDWARE SET ONLY.
 - 5) * CONDUCTOR COUNT TO BE DETERMINED BY ACCESS CONTROL PANEL PROVIDER.

OPERATION:

GALAXY 600/635 DPI WILL SUPPORT UP TO TWO PIM400-TD2/PIB300-2D EACH SUPPORTING ONE OR TWO READERS FOR A TOTAL MAX CAPACITY OF TWO AD READERS PER DPI MODULE.

EARTH GROUND SHIELD ON BELDEN 3109A CABLE AT GALAXY 600/635 ENCLOSURE ONLY.

WIRING SHOWN REFLECTS CONNECTION FROM DPI MODULE TO PIM400-TD2 OR PIB300-2D ONLY. ADDITIONAL WIRING WILL BE REQUIRED FOR GALAXY 600/635 SYSTEM THAT IS NOT SHOWN HERE.

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

* GALAXY DOES NOT CURRENTLY SUPPORT AD300/PIB300-2D. FUTURE EXPANSION MAY ALLOW THIS CONFIGURATION.

IF PLENUM RATED CABLE IS REQUIRED USE BELDEN 88104 OR EQUIVALENT FROM DPI TO PIM/PIB AND BELDEN 82842 OR EQUIVALENT FROM PIM/PIB TO REMOTE MONITORING LOCATION BY OTHERS.

NOTE: CONFIGURATION HAS NOT BEEN TESTED BY ALLEGION BUT HAS BEEN REVIEWED AND APPROVED BY GALAXY.

DATE DRAWN: 08-23-11 REVISION DATE: 11-01-13 APPROVED BY: DAN GRAMLICH 7-23-13



TITLE: GALAXY 600/635 CONTROLLER
PIM400-TD2/PIB300-2D
109818

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DRAWN/CHECKED BY: BRENDA DOVE 08/23/11