



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: IDENTICARD PREMISYS IP CONTROLLER WILL SUPPORT A COMBINATION OF UP TO SIXTEEN PIM400-485 DISTRIBUTED ACROSS RS485 PORT 2 AND 3. CONNECTIONS SHOWN TO PORT 3 FOR CLARITY, PORT 2 WILL ALSO SUPPORT PIM400-485 AND AD400. AD READER QUANTITY NOT TO EXCEED SIXTY-FOUR LOCKS PER IP CONTROLLER.

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

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

WIRING SHOWN REFLECTS WIRING FROM PREMISYS IP CONTROLLER TO PIM400-485 ONLY. ADDITIONAL WIRING IS REQUIRED THAT WILL NOT BE SHOWN HERE.

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RS485 SHIELD SHOULD BE EARTH GROUNDED AT IP CONTROLLER ONLY.

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

DATE DRAWN: 12-5-11 REVISION DATE: 11-01-13 APPROVED BY: AARON HENDERSON 10/26/12



TITLE: IDENTICARD PREMISYS IP CONTROLLER WITH PIM400-485/AD400 109165

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 DRAWN/CHECKED BY: BRENDA DOVE 12/05/11