



- 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:

ACX CONTROLLER II WILL SUPPORT UP TO SIXTY-FOUR AD400 AND AD300 LOCKS COMBINED SPREAD ACROSS A MAXIMUM OF FOUR PIM400-485 WITH A MAXIMUM OF SIXTEEN AD400 PER PIM400-485 AND NOT EXCEEDING THIRTY-TWO HARDWIRED RS485 DEVICES ( PIM400-485 AND AD300 ) PER CONTROLLER. ALL AD LOCKS WILL RESIDE ON THE SAME COMMUNICATION PORT ( COMM1 OR COMM2 ) .

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

UL294 POWER SUPPLIES SHOULD NOT BOND EARTH GROUND TO SIGNAL GROUND.

NOTE: CONFIGURATION HAS BEEN TESTED IN IR LABS.

DATE DRAWN:

09-29-11

REVISION DATE:

11-08-13

APPROVED BY:

PATRICK MCNALLY 10/17/12

**ALLEGION™** 

TITLE: SCHNEIDER ELECTRIC ACX5720/40 WITH PIM400-485/AD400 AND AD300 LOCKS

109148

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DWG NO: 929111-4 SCHNEIDER

DRAWN/CHECKED BY: BRENDA DOVE 09/29/11

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