



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.

HARDWARE USED:

- 1 PIM400-1501
- UP TO 16 AD-400 DEVICES
- 1 POE SWITCH
- 1 OPTIONAL UL294 POWER SUPPLY

DATE DRAWN: 03-28-12

OPERATION:  
 PIM400-1501 CAPABLE OF COMMUNICATING WITH UP TO SIXTEEN AD400 DEVICES. UL294 POWER SUPPLIES USED SHOULD NOT BOND EARTH GROUND TO SIGNAL GROUND. IF PLENUM RATED CABLE IS REQUIRED USE BELDEN 88104 FOR 9944 OR 82942 FOR 3106A OR EQUIVALENTS.  
 SHIELD ON COMMUNICATION WIRES SHOULD CONNECT TO EARTH GROUND AT ONE LOCATION.  
 \* UL294 POWER SUPPLY POWERING PIM400-1501 MAY NOT BE USED IF POE (POWERING OVER ETHERNET).  
 NOTE: CONFIGURATION HAS NOT BEEN TESTED BY ALLEGION BUT HAS BEEN REVIEWED AND APPROVED BY BADGEPASS

REVISION DATE: 05-13-14

APPROVED BY: LINDSAY MARTIN-NEZ 5-28-14

TITLE:  
**BADGEPASS PIM400-1501/AD400**  
 110385

ALLEGION™

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DWG NO: 328129BADGEPASS  
 DRAWN/CHECKED BY: BRENDA DOVE 04/03/12

REV: A