



- 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:**  
 PIM400-1501 CAPABLE OF COMMUNICATING WITH UP TO SIXTEEN WRI AND AD400 COMBINED.  
 UL294 POWER SUPPLIES USED THAT SHARE A GROUND BY VIRTUE OF SIGNAL/COMMUNICATION WIRING SHOULD BOND EARTH GROUND TO SIGNAL GROUND AT ONLY ONE LOCATION.  
 IF PLENUM RATED CABLE IS REQUIRED USE BELDEN 88104 FOR 9844 OR EQUIVALENTS.  
 SHIELD ON COMMUNICATION WIRES SHOULD CONNECT TO EARTH GROUND AT ONE LOCATION.  
 TO MEET UL294 SPECIFICATIONS, POWER OVER ETHERNET (POE) MAY NOT BE USED FOR POWERING THE PIM400-1501.  
 LOCKING MECHANISM SHOWN MAY BE ELECTRIC STRIKE OR MAGLOCK OR GATE OPERATOR. SHOWN AS A DRY CONTACT TO SIGNAL RELEASING/OPENING OF DOOR, IF POWER IS REQUIRED EXTERNAL POWER SUPPLY WILL BE NEEDED.  
 RTE AND RX SWITCH MAY BE SWITCHES IN LOCKSET OR EXTERNAL SENSORS AS SHOWN.  
 NOTE: CONFIGURATION HAS NOT BEEN TESTED BY IR BUT HAS BEEN REVIEWED AND APPROVED BY QUINTRON.

DATE DRAWN: 04-03-12

REVISION DATE: 12-05-13

APPROVED BY: PAUL APPLGATE 07/18/12

**ALLEGION™**

TITLE: **QUINTRON PIM400-1501/AD400 AND WRI400 106673**

copyright 2013

DWG NO: 328124QUINTRON  
 DRAWN/CHECKED BY: BRENDA DOVE 04/03/12

REV C