



- 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: EACH KERI PXL-500 SUPPORTS A SINGLE DOOR, BY ADDING A SB-593 SATELLITE BOARD TO THE PXL-500 YOU CAN ADD A SECOND DOOR TO THE PXL-500.

KERI "DOORS FOR USE WITH WINDOWS" WILL SUPPORT UP TO 128 PXL-500 CONNECTED VIA RS485. THIS RS485 NETWORK CAN HAVE UP TO 16,000' OF RS485 CABLE. BELDEN 9501 OR EQUIVALENT IN A SINGLE RUN MULTI-DROP OR STAR OR MULTIPLE STAR OR COMBINED CONFIGURATION.

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

IF PLENUM RATED CABLE IS REQUIRED USE BELDEN 88104 OR EQUIVALENT.

* IF SUPERVISED CONTACTS ARE REQUIRED USE RLBD ON PIB300-2D.

BELDEN 9536 CABLE OR EQUIVALENT SHOULD CONNECT SHIELD TO EARTH GROUND AT PXL-500 ONLY.

WIRING SHOWN REFLECTS WIRING FROM PXL-500 TO PIB300-2D AND AD300 ONLY. ADDITIONAL WIRING IS REQUIRED THAT IS NOT SHOWN HERE.

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



TITLE:
KERI PXL-500 WITH PIB300-2D/AD300
109159

DATE DRAWN: 06-21-12

REVISION DATE: 11-05-13

APPROVED BY: SCOTT VEST 10-26-12

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DWG NO: 621122-3 KERI
DRAWN/CHECKED BY: BRENDA DOVE 06/21/12

REV
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