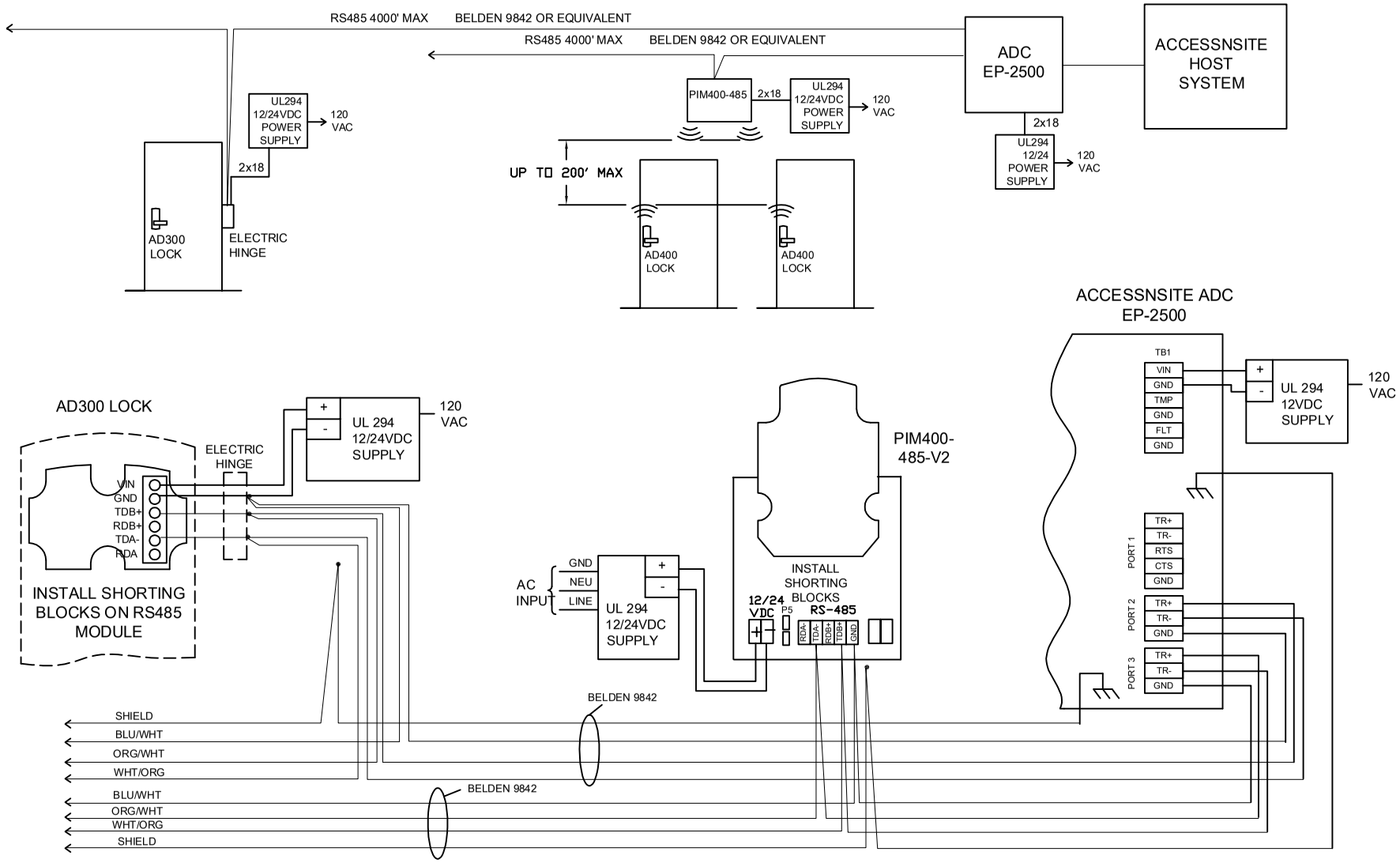


NOTES:
1) ALL LOW VOLTAGE WIRING TO BE STANDARD, MULTI-CONDUCTOR COLOR CODED WITHOUT SPLICES.

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:

ACCESSNSITE ADC WILL SUPPORT UP TO SIXTEEN PIM400-485 ACROSS TWO RS485 DATA LINES WITH NO MORE THAN EIGHT PIM400-485 AND AD300 COMBINED PER RS485 DATA LINE. EACH PIM400-485 IS CAPABLE OF CONTROLLING UP TO SIXTEEN AD400 LOCKS. EP-2500 CAN HANDLE UP TO SIXTY-FOUR AD400/AD300 LOCKS TOTAL COMBINED.

UL294 POWER SUPPLIES USED SHOULD BOND EARTH GROUND TO SIGNAL GROUND AT ONE LOCATION ONLY, TYPICALLY THE ADC.

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

WIRING SHOWN REFLECTS WIRING FROM ACCESSNSITE ADC TO PIM400-485 AND AD300 LOCK ONLY. ADDITIONAL WIRING WILL BE REQUIRED AND IS NOT SHOWN HERE.

SHIELD ON COMMUNICATION WIRES, BELDEN 3106A, SHOULD CONNECT TO EARTH GROUND AT ONE LOCATION ONLY, TYPICALLY THE ADC.

NOTE: CONFIGURATION HAS BEEN TESTED AND APPROVED BY ACCESSNSITE

| DATE DRAWN: | REVISION DATE: | APPROVED BY: |
|---|---|---|
| 02-20-12 | 07-14-17 | PAUL APPLEGATE 03/14/12 |

ALLEGION™

TITLE: ACCESSNSITE ADC WITH PIM400-485 AND AD400/AD300

220121

DWG NO: 105454

DRAWN/CHECKED BY: BRENDA DOVE 02/20/12

REV C