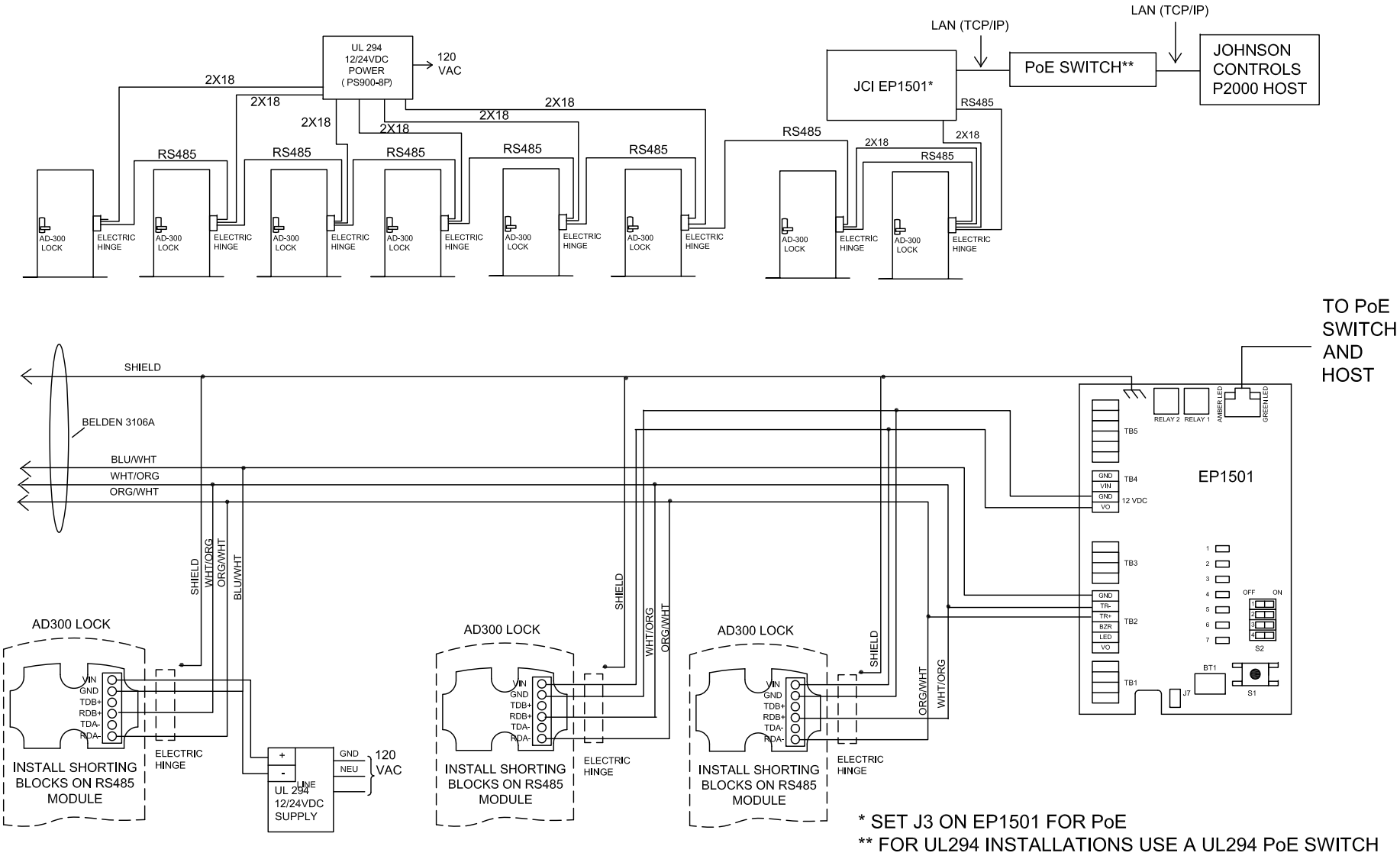

NOTES:
1) ALL LOW VOLTAGE WIRING TO BE STANDARD, MULTI-CONDUCTOR COLOR CODED WITHOUT SPLICES.

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) ADDITIONAL WIRING WILL BE REQUIRED THAT IS NOT SHOWN HERE. CONSULT PROVIDER FOR DETAILS.

HARDWARE USED:
JOHNSON CONTROLS EP1501
AD-300 LOCKS
ELECTRIC HINGES
UL294 POWER SUPPLIES SUCH AS PS900-8P
PoE SWITCH(UL294B RATED AS REQUIRED)

TYPE
JOHNSON CONTROLS EP1501 PoE AD-300 SOLUTION

OPERATION:
JOHNSON CONTROLS EP1501 SUPPORTS UP TO 8 TOTAL AD-300 LOCKS.

EP1501 PoE CONTROLLER SUPPORT UP TO 2 AD-300 LOCK VIA PoE.

UL294 INSTALLATION REQUIRE UL294 POWER SOURCE FOR AD-300 LOCKS. THIS WOULD BE UL294B PoE SWITCH OR SEPARATE UL294 POWER SUPPLIES.

RS485 MAXIMUM TOTAL LENGTH OF 2000' . USE BELDEN 3106A OR EQUIVALENT.

DATE DRAWN: 05-07-14
REVISION DATE: 05-07-14
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APPROVED BY: DEEPA BALAKRISHNAN

ALLEGION™

TITLE: JOHNSON CONTROLS EP1501 PoE SUPPORT OF AD-300 LOCKS 110374

DRAWING TYPE: RISER & WIRING
DWG NO: 050714-1 JCI
DRAWN/CHECKED BY: B DOVE
REV: A