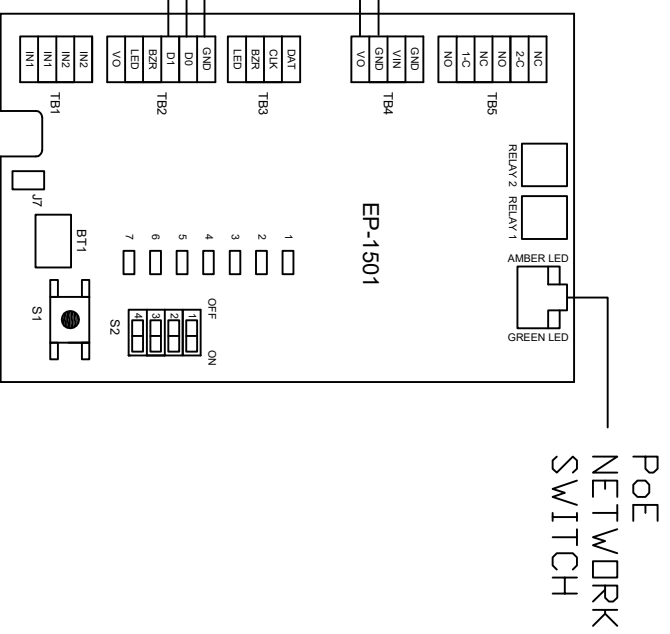


NOTE: IF UL RATED INSTALLATION IS NOT REQUIRED THE GWE CAN BE POWERED FROM THE PLUG IN POWER SUPPLY THAT SHIPS WITH THE GWE.

* FOR EP1501 FIRMWARE RELEASES OF LESS THAN 1.49.12 A 2.2K OHM RESISTOR SHOULD BE INSTALLED ACROSS EP1501 TB2 GND AND DD. FOR FIRMWARE 1.49.12 OR HIGHER NO RESISTOR IS REQUIRED.



- 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:

BADGEPASS EP1501 WILL SUPPORT UP TO EIGHT GWE GATEWAYS ACROSS A SINGLE RS485 DATA LINE. EACH GATEWAY CAN CONTROL UP TO 10 NDE/LE LOCKS. EP1501 CAN HANDLE UP TO 17 NDE OR LE LOCKS TOTAL COMBINED.

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

WIRING SHOWN REFLECTS WIRING FROM EP1501 TO GWE ONLY. ADDITIONAL WIRING WILL BE REQUIRED AND IS NOT SHOWN HERE.

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



TITLE:
BADGEPASS EP1501 WITH GWE/NDE/LE

DATE DRAWN: 06-09-17
REVISION DATE: 06-09-17
APPROVED BY: ROBBIE JEFFCOAT

DWG NO: 112243
DRAWN/CHECKED BY: BRENDA DOVE
REV: A