



\* FOR AX-1501 FIRMWARE RELEASES OF LESS THAN 1.49.12 A 22K OHM RESISTOR SHOULD BE INSTALLED ACROSS AX-1501 TB2 GND AND DD. FOR FIRMWARE 1.49.12 OR HIGHER NO RESISTOR IS REQUIRED.

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

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

SCHNEIDER ELECTRIC ACCESS EXPERT AX-1501 WILL SUPPORT UP TO EIGHT GWE GATEWAYS ACROSS A SINGLE RS485 DATA LINE. EACH GATEWAY CAN CONTROL UP TO 10 NDE OR AD400 LOCKS. AX-1501 CAN HANDLE UP TO 16 NDE OR AD400 LOCKS TOTAL COMBINED.

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

WIRING SHOWN REFLECTS WIRING FROM AX-1501 TO GWE AND PIM 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 SCHNEIDER ELECTRIC.



TITLE: SCHNEIDER ELECTRIC ACCESS EXPERT  
AX-1501 WITH GWE/NDE

DATE DRAWN: 06-21-18  
REVISION DATE: 06-21-18  
APPROVED BY: STEVEN TURNEY

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REV: A