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) *CONDUCTORS COUNT TO BE DETERMINED BY ACCESS CONTROL PANEL PROVIDER.

DESCRIPTION:
DSX-LAN SUPPORTS ON EACH SINGLE RS485 DATA LINE UP TO SEVEN RACF, IACS DEVICES OR PIM400-485A0002 WITH UP TO FORTY-EIGHT APMS / ACCESS POINT MODULE OR ACCESSPOINT/ACCESSPORT COMBINES. EACH INSTANCE OF LS8 SOFTWARE HAS A MAXIMUM CAPACITY OF ONE HUNDRED TWENTY-EIGHT READERS TOTAL. THEREFORE, THERE SHOULD BE NO MORE THAN SIXTEEN PIM400-485 PER LOCATION OR LS8 SOFTWARE.

DSX SUPPORTS 32 IP POINTS PER LS8 DEPLOYMENT, DSX SUPPORTS 32 USB POINTS PER LS8 DEPLOYMENT.

EARTH GROUND SHIELD ON BELDEN 9843 AT ONE LOCATION ONLY.

WIRING SHOWN REFLECTS CONNECTION FROM DSX-LAN TO PIM400-485 AND AD300 ONLY, ADDITIONAL WIRING WILL BE REQUIRED THAT IS NOT SHOWN HERE.

IF PLUGGED RATED CABLE IS REQUIRED USE BELDEN 9843 OR EQUIVALENT.
UL 294 POWER SUPPLIES USED SHOULD NOT BE THE EARTH GROUND TO SIGNAL GROUND.

DSX COMMUNICATES IN FOUR WIRE RS485 FULL DUPLLEX MODE ONLY.

NOTE: CONFIGURATION HAS BEEN TESTED BY #.

TITLE: DSX-LAN WITH AD300 LOCK AND PIM400-485 WITH AD400

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