



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: CBORD SQUADRON V1000RX OR V1000EVO RS485 PORTS 3 AND 4 WILL SUPPORT UP TO 2 PIM400-485 OR GWE PER PORT FOR A MAXIMUM TOTAL OF 8 PIM400-485 OR GWE COMBINED. IF MORE THAN ONE DEVICE IS CONNECTED TO EITHER PORT, CBORD RECOMMENDS THE USE OF A RS485 HUB. THE V1000RX OR V1000EVO SUPPORT UP TO 32 LOCKS MAXIMUM.

PIM400-485 WILL SUPPORT UP TO 16 AD-400 IN UP TO 200' RANGE. GWE WILL SUPPORT UP TO 10 NICE IN UP TO 300' RANGE.

CBORD SQUADRON V1000RX OR V1000EVO DOES NOT SUPPORT COMBINING AD300 AND AD400 ON THE SAME V1000RX OR V1000EVO.

IF PLENUM RATED CABLE IS REQUIRED USE BELDEN 82942 OR EQUIVALENT.

UL294 POWER SUPPLIES SHOULD NOT BE BOND EARTH GROUND TO SIGNAL GROUND. UL294 POWER SUPPLIES USED WITH CBORD SYSTEMS MUST HAVE BATTERY BACKUP.

MULTIPLE UL294 POWER SUPPLIES ARE SHOWN IN DIAGRAM. IT MAY BE POSSIBLE TO SHARE POWER SUPPLIES BASED UPON LOAD. CAPACITY OF SUPPLIES AND DISTANCES FROM SUPPLY TO LOADS.

WIRING SHOWN REFLECTS WIRING FROM CBORD V1000RX OR V1000EVO TO PIM400-485 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 CBORD.

TITLE:

ALLEGION™

CBORD V1000RX OR V1000EVO WITH PIM400-485/AD400 AND GWE/ENDE

DWG NO: 1111171

DATE DRAWN: 01-19-16

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