

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 SPESCIFIC 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:

OPEN OPTIONS DNA FUSION NCONTROLLER IS A RACK MOUNTED CONTROLLER THAT SUPPORTS UP TO SIXTY-FOUR TOTAL AD LOCKS DIVIDED ACROSS UP TO SIXTEEN DIRECT WIRED AD300 OR PIM400-485 SUPPORTING UP TO SIXTEEN AD400 EACH MAX.

EARTH GROUND SHIELD ON BELDEN 3106A RS485 LINE AT ONE LOCATION ONLY.

IF PLENUM RATED CABLE IS REQUIRED USE BELDEN 88102 OR EQUIVALENT.

UL 294 POWER SUPPLIES USED SHOULD NOT BOND EARTH GROUND TO SIGNAL GROUND.

WIRING SHOWN REFLECTS CONNECTION FROM DNA FUSION NCONTROLLER TO PIM400-485 AND AD300 ONLY. ADDITIONAL WIRING WILL BE REQUIRED THAT IS NOT SHOWN HERE.

NOTE: CONFIGURATION HAS NOT BEEN TESTED BY IALLEGION BUT HAS BEEN REVIEWED AND APPROVED BY OPEN OPTIONS.

DATE DRAWN: 10-14-11

REVISION DATE: 11-05-13

13 APPROVED BY:

WILLIAM MURPHY 11/04/11 ALLEGION (1)

™ÖPEN OPTIONS DNA FUSION NCONTROLLER WITH PIM400-485 AND AD300 109492

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DWG NO: 10141111-5 OPENOP

WN/CHECKED BY: BRENDA DOVE 09/21/11

