



- 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:**

REDCLOUD MERCURY MR52 VIA REDCLOUD MERCURY EP2500 WILL SUPPORT UP TO TWO PIM400-TD2/AD400, REDCLOUD MERCURY EP2500 CAPABLE OF SUPPORTING UP TO 64 AD DEVICES BY USE OF MR MODULES

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

IF PLENUM RATED CABLE IS REQUIRED USE BELDEN 88104 FOR 9844 OR 82842 FOR 3106A OR EQUIVALENTS.

WIRING SHOWN REFLECTS WIRING FROM REDCLOUD MERCURY EP2500 TO REDCLOUD MERCURY MR52 TO PIM AD400 ONLY. ADDITIONAL WIRING WILL BE REQUIRED AND WILL NOT BE SHOWN HERE.

SHIELD ON COMMUNICATION WIRES, BELDEN 9844 OR 3106A, SHOULD CONNECT TO EARTH GROUND AT ONE LOCATION, TYPICALLY REDCLOUD MERCURY EP2500 OR REDCLOUD MERCURY MR52.

\* RLBD OPTIONAL BOARD HIGHLY RECOMMENDED BY REDCLOUD AND WOULD BE REQUIRED IF INPUTS ARE TO BE DRY OR SUPERVISED CONTACTS.

NOTE: CONFIGURATION HAS NOT BEEN TESTED BY IR BUT HAS BEEN REVIEWED AND APPROVED BY REDCLOUD.

DATE DRAWN: 03-05-12      REVISION DATE: 11-05-13      APPROVED BY: KEVIN WINE 3-25-13



TITLE: REDCLOUD MERCURY EP2500 MR-52 WITH PIM400-TD2/AD400 109451

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DRAWN/CHECKED BY: BRENDA DOVE 03/05/12