



- 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 EP1502 WILL SUPPORT UP TO TWO PIM400-TD2/PIB300-2D WITH UP TO TWO AD300/AD400 LOCKS EACH BUT NOT EXCEEDING TWO AD LOCKS PER EP1502. REDCLOUD MERCURY EP1502 CAPABLE OF SUPPORTING UP TO 64 AD DEVICES BY USING ADDITIONAL MR MODULES.

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

IF PLENUM RATED CABLE IS REQUIRED USE BELDEN 82842 OR EQUIVALENT.

SHIELD COMMUNICATION WIRES, BELDEN 9844 AND 3106A, SHOULD CONNECT TO EARTH GROUND AT ONE LOCATION ONLY, TYPICALLY AT REDCLOUD MERCURY EP1502.

* 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 ALLEGION BUT HAS BEEN REVIEWED AND APPROVED BY RED CLOUD.

DATE DRAWN: 03-05-12 REVISION DATE: 12-04-13 APPROVED BY: KEVIN WINE 3-25-13



TITLE: REDCLOUD MERCURY EP1502 WITH PIM400-TD2/AD400 AND PIB300-2D/AD300 109449

copyright 2013

DWG NO: 35123-4 REDCLOUD
 DRAWN/CHECKED BY: BRENDA DOVE 03/05/12

REV B