



TOP/PO HOST/POE SWITCH - VERIFY POE SWITCH CAPABLE OF PROVIDING 12-24 VDC 5 AMP

**\* OPTIONAL UL294 POWER SUPPLY**

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

OPERATION	
PIM400-1501 IS CAPABLE OF COMMUNICATING WITH UP TO SIXTEEN AD400.	
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.	
SHIELD ON COMMUNICATION WIRES SHOULD CONNECT TO EARTH GROUND AT ONE LOCATION.	
UL294 POWER SUPPLY POWERING PIM400-1501 MAY NOT BE USED IF POE (POWERING OVER ETHERNET).	
NOTE: CONFIGURATION HAS NOT BEEN TESTED BY ALLEGION BUT HAS BEEN REVIEWED AND APPROVED BY BLUBOX	
DATE DRAWN	REVISION DATE
05-04-18	05-07-18
APPROVED BY: PATRICK BARRY	

TITLE:

**ALLEGION™**

BLUBOX PIM400-1501 WITH AND AD-400

DWG NO: 112224

DRAWN/CHECKED BY: BRENDA DOVE

REV: A