BELDEN 9844x2 OR EQUIVALENT   500' MAX

| PIM400-TD2 xRLBD | 2x18 | UL 294 12/24VDC POWER SUPPLY | 120 VAC |

SOFTWARE HOUSE
iSTAR
ACMII-ACM8-WIEGAND

AD400
LOCK

PIM400-TD2
xRLBD

iSTAR ACM

J2

J5

120
VAC

GND
NEU
LINE

UL 294
12/24VDC
SUPPLY

+
-

J1

PWR
GND
D0
D1
RED
YEL
GRN
BPR

P17
READER 1

J8   J7   J10   J11

STRIKE INPUT
STRIKE INPUT GND
D1/CLK
D0/DATA
GND

RTE
RTE
TROUBLE
TROUBLE
STATUS
STATUS
RX
RX

✱

NO
NC
C

P33

WHT/GRN
ORG/WHT
WHT/ORG
WHT/BLU
BLU/WHT

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: SOFTWARE HOUSE ISTAR ACM HAS EIGHT PORTS THAT WILL EACH SUPPORT ONE PIM400-TD2 WITH UP TO TWO AD400. THIS WOULD BE A MAXIMUM OF SIXTEEN AD400 PER ACM.

PIM400-TD2 SHOWN WIRED OFF P17 AS READER 1. ADDITIONAL PIM400-TD2 MAY BE CONNECTED TO P18 THRU P24 FOR READERS 2 THRU 8.

WIRING SHOWN REFLECTS WIRING FROM ACM TO PIM400-TD2 ONLY. ADDITIONAL WIRING WILL BE REQUIRED AND IS NOT SHOWN HERE.

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

IF PLENUM RATED CABLE IS REQUIRED USE BELDEN 88104 OR EQUIVALENT.

✱ SUPERVISED OR NON SUPERVISED INPUTS CAN WIRE TO ACM OR OTHER OPTIONAL BOARDS. CONFIGURATION AND CONNECTIONS WILL BE DETERMINED BY OTHERS.

NOTE: CONFIGURATION HAS NOT BEEN TESTED BY ALLEGION BUT HAS BEEN REVIEWED AND APPROVED BY SOFTWARE HOUSE.

ALLEGION™

TITLE: SOFTWARE HOUSE GCM/ACM/PIM400-TD2
AD400 LOCK
109569

copyright 2013

| DATE DRAWN: 09-14-11 | REVISION DATE: 11-08-13 | APPROVED BY: JORGE TEIXEIRA 5-17-13 |

DWG NO: 914112-3 SWHiSTAR
DRAWN/CHECKED BY: BRENDA DOVE 09/14/11

REV
C