THIS DIAGRAM REPRESENTS A GENERIC CONFIGURATION. CUSTOM WIRING DIAGRAMS CAN BE ACQUIRED BY CONTACTING TECHNICAL SUPPORT.

PS902-2RS-FA

2X18 → NC FIRE ALARM CONTACT

110/240 VAC 2AMP

4X18  4X18

CEILING LINE

NOTE:
VERIFY HARDWARE AND OPERATION ACCEPTABLE TO LOCAL AHJ.

M400P M400P

DOOR 1  DOOR 2

FINISHED FLOOR

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) ADDITIONAL WIRING WILL BE REQUIRED FROM ACP THAT IS NOT SHOWN HERE. CONSULT PROVIDER FOR DETAIL.

HARDWARE USED
2 M400P MAGNETIC LOCKS
1 PS902-2RS-FA POWER SUPPLY
FIRE ALARM CONTACT SUPPLIED BY OTHERS

OPERATION:
SAFETY INTERLOCK - WHEN ONE DOOR OPENS OTHER DOOR LOCKS. WHEN BOTH DOORS CLOSED BOTH ARE UNLOCKED
IN THIS EXAMPLE ALL WIRING CONNECTIONS ARE MADE IN PS902 ENCLOSED.
FIRE ALARM TO RELEASE BOTH M400P MAG LOCKS

TYPE
2 DOOR SAFETY INTERLOCK

DATE DRAWN 3-14-13  REVISION DATED 3-14-13

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ALLEGION

PS902-2RS-FA x 2 M400+ MAG LOCKS x 4 CARD READERS

DRAWING TYPE
DRAWN CHECKED BY

109437

A
NO
NC
C
NC
C
NC
C

NOTE:
SET 900-2RS FOR INDIVIDUAL OUTPUTS.
SEE POWER SUPPLY INSTALLATION INSTRUCTIONS.

NOTE:
VERIFY HARDWARE AND OPERATION ACCEPTABLE TO LOCAL AHJ.

110-240 VAC 2AMP
GND
NEUT LINE
PS902-2RS POWER SUPPLY

M400P MAGLOCK
DOOR 1

900-FA
NC
C
NO
FA1
FA2

+24
AC MONITOR
GND

M400P MAGLOCK
DOOR 2

900-2RS
GND
02
12
01
11
SC

NOTES:
1) ALL LOW VOLTAGE WIRING TO BE STANDARD, MULTI-CONDUCTOR Color CODES 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) ADDITIONAL WIRING WILL BE REQUIRED FROM ACM THAT IS NOT SHOWN HERE. CONSULT PROVIDER FOR DETAILS.

HARDWARE USED:
2 M400P MAGNETIC LOCKS
1 PS902-2RS-FA POWER SUPPLY BY OTHERS
FIRE ALARM CONTACT SUPPLIED BY OTHERS

OPERATION:
SAFETY INTERLOCK - WHEN ONE DOOR OPENS OTHER DOOR LOCKS. WHEN BOTH DOORS CLOSED BOTH ARE UNLOCKED
IN THIS EXAMPLE ALL WIRING CONNECTIONS ARE MADE IN PS902 ENCLOSURE.
FIRE ALARM TO RELEASE BOTH M400P MAG LOCKS

TYPE
2 DOOR SAFETY INTERLOCK

DATE DRAWN: 3-14-13
REVISION DATE: 3-14-13

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ALLEGION