This diagram represents a generic configuration. Custom wiring diagrams can be acquired by contacting technical support.

**To Fire Alarm Contact**

**2x18**

**PS914 Power Supply**

**110/240 Vac 2Amp**

**JB7 Junction Box**

**2x18**

**2x12, 6x18**

**2x18**

**2x12, 6x18**

**1910-1 Horn**

**7764 EPLD**

**2784 DPL**

**ACP**

**EPT 10**

**MTK15 APTIQ or Reader Bo**

**Ceiling Line**

**Finished Floor**

**Notes:**

- Additional wiring is required. See manufacturer's installation instructions.
- Use 12 gauge wire for distances up to 200' from EPT to PS914 or use 14 gauge for distances up to 100' from EPT to PS914.

**HARDWARE USED:**

- 2 CX99-L Rim Device
- 2 EPT10
- 17764 EPLD
- 1 JB7 Junction Box
- 1 Mullion
- 1 1910-1 Horn
- 1 PS914
- 1 MTK15 Reader by ACP Bo
- 1 Fire Alarm Contact

**OPERATION:**

- Checks to provide delay egress. When CX is in alarm audible will sound in CX device and external 1910-1 horn.
- Fire alarm to be wired for doors as appropriate.
- Stagger alarm times on CX devices by setting switches on CX PCB differently.
- MTK15 reader to release both CX through ACP control contact.
- Authorized passage - MTK15 EKSWITCH in CX device to reset CX from alarm.

**NOTE:**

In this example, all wiring connections are made in JB7 junction box.

**Type:** Delayed Egress

**Double Door**

**Date Drawn:** 4-22-13

**Revision Date:** 4-22-13

**Copyright:** 2013

**Drawing Type:** Riser Diagram

**Drawing No.:** 109520

**Approval:** B 02/04
This diagram represents a generic configuration. Custom wiring diagrams can be acquired by contacting technical support.

Optional Junction Box

1910-1
HORN

GND
NC
C
NO
+24
**

110/240 VAC
2AMP

NEU
LN

PS914
POWER
SUPPLY

GND

N.C.
FIRE
ALARM
CONTACT

1900-1
HORN

24V
DC

EPT10

EPT10

CX99

CX99

7764 DOOR
POSITION
SWITCH

YEL
RED
NC
C
NO

NOTES:
1) ADDITIONAL WIRING IS REQUIRED. SEE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
2) USE 12 GAUGE WIRE FOR DISTANCES UP TO 200' FROM EPT TO PS914 OR USE 14 GAUGE WIRE FOR DISTANCES UP TO 100' FROM EPT TO PS914.

HARDWARE USED:
2 CX 90/99-L RIM DEVICE
2 EPT10
1 7764 IPE
1 JET JUNCTION BOX
1 MULLED
1 1900-1 HORN
1 PS914
1 WIRELESS LEAF BY ACP NO. 90
1 FIRE ALARM CONTACT

OPERATION:
CIRCUITS TO PROVIDE DELAY EGRESS. WHEN CX IS IN ALARM AUDIBLE WILL SOUND IN CX DEVICE AND EXTERNAL 1800 HORN.
FIRE ALARM TO RELEASE DOORS FOR IMMEDIATE EGRESS.

CX DOUBLE DOOR CX WITH PS914

DATE DRAWN: 4-22-13
REVISION DATE: 4-22-13

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ALLEGION

NOTE:
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 GRAPHERICAL 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.

TYPE: DELAYED EGRESS
DOUBLE DOOR

WIRING DIAGRAM

DRAWN BY: 
CHECKED BY: 
APPROVED BY: 
REV: A

DRAWING NO.: 109520

sheet 1 of 1