

Standard application

Automated employee entrance

This automated opening serves as a secure perimeter entrance that combines electronic access control with ADA-compliant accessibility.



Benefits of quick connect wiring harness



With the quick connect wiring harness, you no longer have to juggle a reader while wiring it to the controller wires. Once the wires are connected, you simply plug the wiring harness into the back of the reader. An internal gasket creates a tight seal, preventing water and dust from entering the reader.

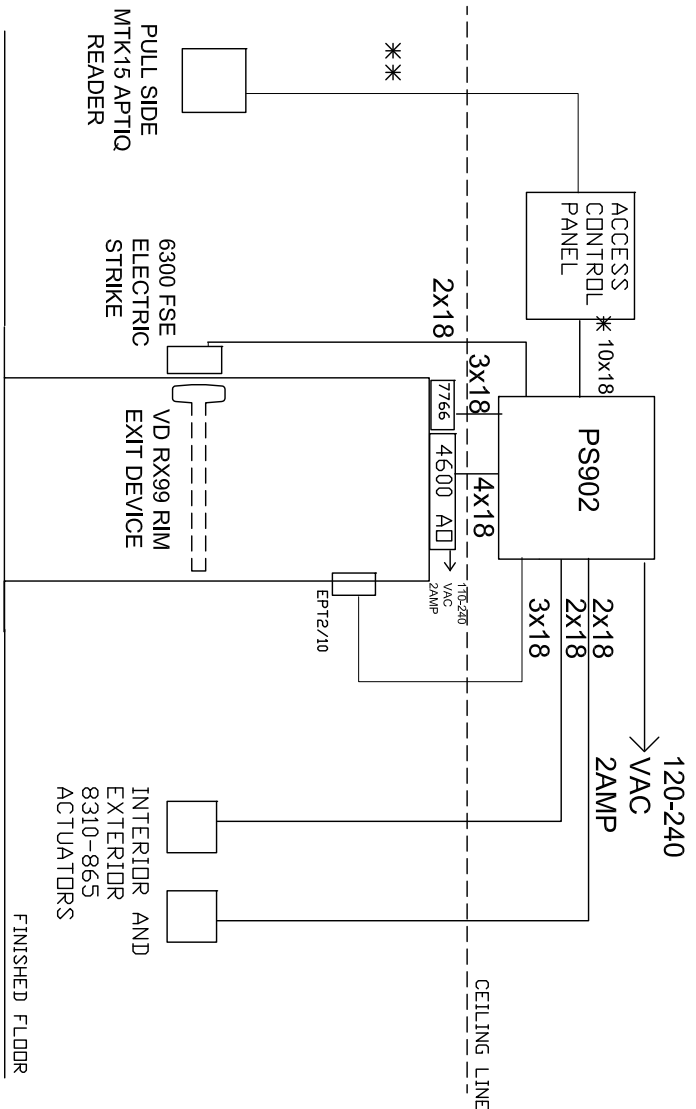
Featured products

- 1 aptiQ™ MTK15 multi-technology reader
- 2 LCN 4600 auto operator with 8310 actuator
- 3 Von Duprin RX 99 exit device
- 4 Von Duprin 6300 electric strike (not shown)
- 5 Schlage PS902 power supply (not shown)

Ideal for

- Industrial buildings
- Commercial buildings
- Office buildings
- Restaurants

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



NOTE:
 * ADDITIONAL WIRING IS REQUIRED. SEE MANUFACTURER INSTALLATION INSTRUCTION
 ** USE #22 GAUGE FOR DISTANCES UP TO 200'

- NOTES:
- 1) ALL LDV 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 AND CONNECTIONS TO BE DETERMINED BY ACCESS CONTROL PANEL PROVIDER.

HARDWARE USED:

- 1 6300 FSE 24VDC Electric Strike
- 1 VD RX99 RIM Exit device
- 1 PS902 Power Supply
- 1 Optiq MTK15 Reader
- 1 Access Control Panel by others
- 1 EPT2-10
- 1 7766 DPS
- 1 LCN 4600 AUTO OPERATOR
- 2 LCN 8310-856 ACTUATORS

TYPE: 6300 FSE STRIKE WITH OPTIQ MTK15, ACP BD AND LCN 4600 AD

OPERATION: Optiq MTK15 READER TO UNLOCK 6300 ELECTRIC STRIKE TO ALLOW ENTRY AND ENABLE EXTERIOR ACTUATOR

INTERIOR ACTUATOR ALWAYS ACTIVE TO SWING DOOR OPEN

6300 FSE STRIKE WILL LOCK ON POWER OUTAGE.

FREE EGRESS ALWAYS FROM PUSH SIDE OF 99 RIM EXIT DEVICE.

RX AND DPS MONITORED BY ACP 90

THIS IS NOT A FIRE RATED OPENING.

IN THIS EXAMPLE, ALL WIRING CONNECTIONS ARE MADE IN THE PS902 ENCLOSURE.

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TITLE: AUTOMATED EMPLOYEE ENTRANCE - MTK15, 6300

DRAWING TYPE: RISER DIAGRAM

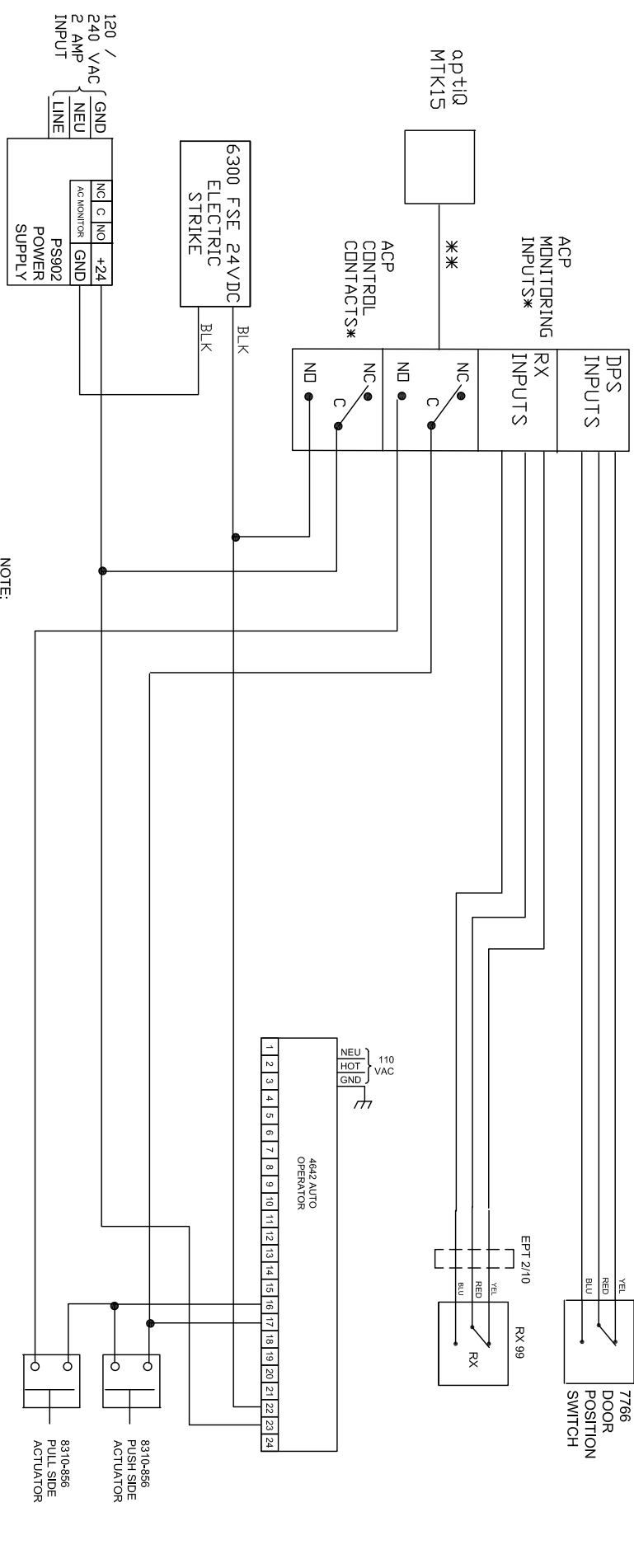
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* ACP BY OTHERS

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



NOTE:
 * ADDITIONAL WIRING IS REQUIRED. SEE MANUFACTURER INSTALLATION INSTRUCTION
 ** USE 22 GAUGE WIRE FOR DISTANCES UP TO 200'

NOTES:
 1) ALL LOW VOLTAGE WIRING TO BE STANDARD MULTI-CONDUCTOR CABLE 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 AND CONNECTION POINTS TO BE DETERMINED BY ACCESS CONTROL PANEL PROVIDER.

HARDWARE USED:
 1 6300 FSE 24VDC Electric Strike
 1 VDI RX99 Rim Exit device
 1 PS902 Power Supply
 1 optiQ MTK15 Reader
 1 Access Control Panel by others
 1 EPT2-10
 1 7766 DPS
 1 LCN 4600 AUTO OPERATOR
 2 LCN 8310-856 ACTUATORS

OPERATION:
 PULL SIDE AND READER TO UNLOCK 6300 ELECTRIC STRIKE TO ALLOW ENTRY AND ENABLE EXTERIOR ACTUATOR.
 INTERIOR ACTUATOR ALWAYS ACTIVE TO SWING DOOR.
 6300 FSE STRIKE WILL LOCK ON POWER OUTAGE.
 FREE EGRESS ALWAYS FROM PUSH SIDE OF 99 RIM EXIT DEVICE.
 RX AND DPS MONITORED BY ACP 90.
 THIS IS NOT A FIRE RATED OPENING.

ALLEGION™

TITLE: AUTOMATED EMPLOYEE ENTRANCE - MTK15, 6300

DRAWING TYPE: WIRING DIAGRAM

DWG NO.: 109864

REV: A

DATE DRAWN: 6-7-13

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