NOTES:


[2] SECURITY VOLTAGE WHEN ORDERING PRODUCTS, VOLTAGE IS NOT SPECIFIED ON THE WIRE DIAGRAM. LIMITED TO ALL PRODUCTS ARE VOLTAGE COMPATIBLE.

[3] ALL WIRING MUST CONFORM TO NATIONAL, STATE, AND LOCAL CODES.

[4] ALWAYS CONSULT WITH THE AUTHORITY HAVING JURISDICTION (AHJ) BEFORE INSTALLATION.

[5] ALARMS REQUIRED BY CODE, INSTALL SIGNAL WIRING TO THE LOCAL FIRE LIFE SAFETY SYSTEM FOR EMERGENCY USE.

[6] DOOR POSITION SWITCHES SHOWN WITH THE DOOR CLOSED.

**Method of Operation**

Door normally closed and locked by electrified lockset. Electrified lockset can be Fail Safe or Fail Secure.

**Authorized Access** – Presenting a valid card at reader will momentarily unlock the door.

**Authorized Egress** – Free egress at all times by turning inside lever and opening door.

**Override Access** – By key in lockset.

**Solution #3 - Single Access Controlled Door**

**Title:**

Electrified Cylindrical Lockset Application

**Location:**

Access Hollow Metal or Wood Door

**Method of Operation**

Door normally closed and locked by electrified lockset. Electrified lockset can be Fail Safe or Fail Secure.

**Authorized Access** – Presenting a valid card at reader will momentarily unlock the door.

**Authorized Egress** – Free egress at all times by turning inside lever and opening door.

**Override Access** – By key in lockset.

**Diagram:**

- Z7200 Series Electrified Cylindrical Lockset
- 921P Access Control Keypad
- 921P Secured External Controller
- PTH2+4 Power Transfer Hinge w/ Mm. pigtail
- 921P Series 12/24VDC Electrified Lockset (12VDC, Fail-secure shown)

**Specifications:**

- **Red** (+)
- **Black** (-)
- **Blue**
- **White**
- **Red/Black (REX-N/O)**
- **Yellow/Black (REX-N/O)**
- **Red/White (REX-Com)**

**Programming Note:**

The Request-to-Exit (REX) input of the external controller shall be programmed to trigger the auxiliary relay output.

**Connection Method of Operation:**

Door normally closed and locked by electrified lockset. Electrified lockset can be Fail Safe or Fail Secure.

- **Authorized Access** – Presenting a valid card at reader will momentarily unlock the door.
- **Authorized Egress** – Free egress at all times by turning inside lever and opening door.
- **Override Access** – By key in lockset

**NOTE:**

- All wiring must be reviewed and approved by the project engineer assigned to the location for its correctness and suitability. For the application in the diagram, the method of operation must conform to national, state, and local codes for class 2 fire protection and control devices.

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