**General Notes:**

1. All low voltage signaling wiring shall be 18-gauge minimum. The minimum inductive load (lock) power wire gauge shall be determined per the SDC wire gauge chart. All wiring (single or multi-conductor) shall be color coded without splices. A minimum of two spare conductors is recommended.

2. Specify voltage when ordering products. Voltage is not specified on this wire diagram, be sure 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. Where required by code, connect fail-safe systems to the local fire life safety system for emergency release.

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**SDC P/N: 602RFx12VR**

- **Battery Charger Indicator**
- **Fuse**
- **AC Power LED**
- **Primary Fuse 250V 1.5Amp**
- **Battery Input**
- **12V**
- **S**
- **H**
- **O**
- **R**
- **T**
- **24V**
- **VOLTAGE SELECT**

**SDC P/N: IPRW**

- **IP Pro™ Door Controller**
- **(Door #1)**
- **Main Relay**
- **AUX Relay**
- **Sense**
- **Clock/D1**
- **Data/D0**
- **+12V**
- **0V**
- **Red**
- **Green**

**SDC P/N: IPDCE**

- **IP Pro™ Door Controller**
- **(Door #2)**
- **Main Relay**
- **AUX Relay**
- **Sense**
- **Clock/D1**
- **Data/D0**
- **+12V**
- **0V**
- **Red**
- **Green**

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**SDC P/N: LR100VDK**

- **Latch Retraction Kit**
  (Installed in Panic Device)

**SDC P/N: PTH-4Q**

- **Power Transfer Hinge**

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**SDC P/N: IPDSE**

- **To 2nd Door Controller**
- **SDC P/N: IPDSE**

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**SDC P/N: 601RF**

- **Power Supply x 12VR**
- **IP Pro™ Door Controller**
  (Installed in Panic Device)