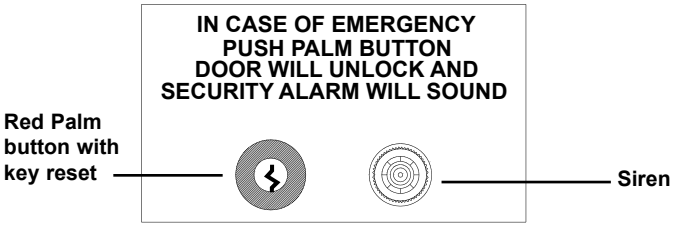
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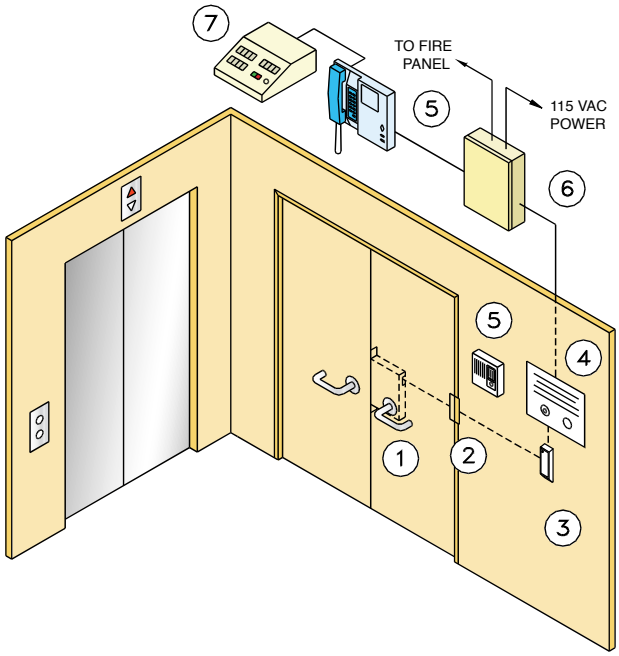
Elevator Lobby Door Systems

Many high-rise building tenants that occupy a complete floor may have a problem when it comes to securing their elevator lobby doors. The obvious reason is that these doors lead through office space to the emergency exit stairwell doors. People must have free access to the stairwells at all times. This leaves some companies vulnerable to transient traffic, theft and loss of proprietary information. SDC manufactures a lobby door security system which meets both fire life safety and security needs.

At each elevator lobby door a sign is provided which reads:



SDC APB1000 PANEL
(Lettering is .75 inch high, .125 inch wide stroke on a contrasting background.)



The elevator lobby doors are normally closed and locked by SDC SELECTRIC® Model 7850 Failsafe lockset (see SELECTRIC® Datasheet). The intercom system shall provide two-way voice communications to the security desk which is staffed 24 hours a day. When a call is placed from the elevator lobby, the security desk personnel can momentarily release the SELECTRIC® 7850 lockset by using the SDC Desk Console (Model DTMO-1). If there is no response from the security desk personnel, the person in the elevator lobby may gain entry by depressing the red exit palm push button switch (SDC Model 432KUR). When the red exit switch is activated, the SDC SELECTRIC® 7850 lock will immediately release and an alarm will sound in the elevator lobby and at the security desk console.

Authorized personnel can reset the SELECTRIC® lockset and return the system to the normal secure operation by using the SDC panel controls. Personnel may always obtain access to the offices by use of an access control system. Egress from the office to the lobby is accomplished by rotating the inside lever.

A SDC Series 600 Power Supply will provide 24 VDC power to the SELECTRIC® locks, Security Desk console and Universal Relay Controller board (SDC Model UR-2A). The emergency control relay within the power supply will turn off the system power when activated by any building Fire alarm device. The SDC SELECTRIC® 7850 lockset will release immediately when power is removed. A System Engineered package will be provided by Security Door Controls.

Note: All system field wiring is to be installed in accordance with all local building codes and the approval of the local authority having jurisdiction. All wiring is to be done by a licensed Access Control or Fire and Life Safety specialist.

SDC Component List

1. **7850** SELECTRIC® Lock
2. **PTH-4** Power Transfer Hinge
3. **E5P** Card Reader or Stand Alone SDC 928 Keypad
4. **APB 1000** Sign with Release Push Switch and Alarm
5. **Intercom/CCTV** by Others
6. **631RFA-UR2A** Power Supply with System Logic and Fire Command Center Interface
7. **DTMO-1, RCC** or **TCC** Door Control Console and Annunciator

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