INSTALLATION INSTRUCTIONS
MODEL EMC
ELECTRIC LATCH RETRACTION SEQUENCER MODULE

ELECTRICAL SPECIFICATIONS

EMC: Electric Latch Retraction Sequencer
- Input Voltage: 12VDC or 24VDC (+/- 10%)
- Input Current: 140mA max
- ELR & Operator Contacts: N/C or N/O, field selectable
- 10 AMP @ 30VDC (Resistive)
- Access Control Inputs: N/O Dry Contact

SEQUENCER OPERATION:

The EMC dual channel sequencer module may be used with the S6000FE, S6000PE, or LR100 series Electric Latch Retraction (ELR) device to provide a delayed signal to operate an automatic door operator or when powering a pair of ELR devices from a single SDC 600 series power supply.

The two sequencer channels may be operated as two independent doors or in tandem mode for pairs of doors. Each sequencer channel provides an output to power the ELR device and a "delayed" dry auxiliary output for activation of an automatic door operator. All outputs are field selectable as Normally Open or Normally Closed.

When the EMC is used in the tandem mode, power supply requirements for a pair of doors are minimized. Since the attached electric latch retraction devices are powered in a sequential manner, the inrush current of each device is staggered. This creates a lower current requirement upon activation. A smaller power supply can now be used to operate the pair of devices.

Any suggestions or comments to this instruction or product are welcome. Please contact us through our website or email engineer@sdcsecurity.com.
ADJUSTABLE RELOCK TIMER
T1 = BAR 1; T2 = BAR 2
(10 to 35 seconds; Added to Access Control Input time)

DOOR OPERATOR #1
ELR DEVICE #1

Power Supply

Recommended Electric Latch Retraction (ELR) Devices
S6000FE: SDC ELR Fire Device
S6000PE: SDC ELR Panic Device
LR100: SDC ELR Retrofit Kit
Input Voltage: 24VDC
Current Req: 700mA Activation/ 200mA Holding

Recommended Power Supply
602RF: 1A Regulated Power Supply
(for single door applications)
631RF: 1.5A Regulated Power Supply,
(for two door or tandem applications)