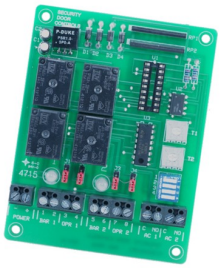
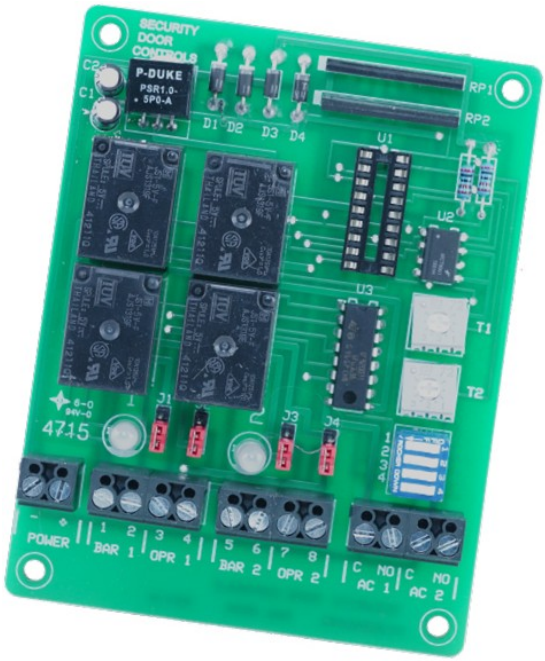


SDC EMC Dual Channel Exit Device Sequencer Instructions

DOOR CONTR OLLERS
EMC
Dual Channel Exit
Device Sequencers



Contents

EMC Dual Channel Exit Device Sequencer

Door control relay modules ensure compatibility of access hardware components and simplify system installation and troubleshooting. Modules may be ordered with or without power supplies. Different modules may be specified for one power supply.

SDC's EMC series of dual channel exit device sequencers may be used with the S6000FE, S6000PE, or LR100 series electric latch retraction (ELR) devices 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. 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.

MODELS

EMC Dual Channel Exit Device Sequencer

STANDARD FEATURES

- Dual channel sequencing
- Sequence operators and latch retraction
- Delayed dry auxiliary output
- Field selectable normailly open (NO) or normally closed (NC) outputs
- Auto-sensing dual voltage
- Visual status indicators (LED)

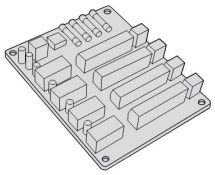
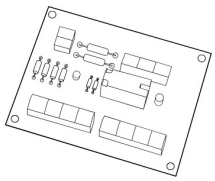
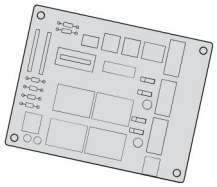
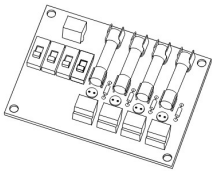
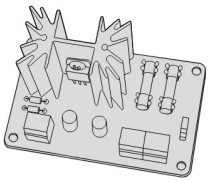
APPLICATIONS

The two sequencer channels may be operated as two independent doors or in tandem mode for pairs of doors.

- Electrified panic device and operator sequencing for single or pair of doors

TANDEM
When EMC is used in tandem mode, power supply requirements for 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 a pair of devices.

CROSS REFERENCE

	CR4	ACM-1	EMC	FB-4	12VR
					
Description	Four station control relays	Six input control relays	Dual channel exit device sequencers	Four output power distribution modules	Voltage power converters
Application	Individual control of four locks	Control one lock with up to six activation devices	Sequence electrified panic device and operator for single or pair of doors	Distribute a single voltage output to four devices	Convert 24 VDC to regulated 12 VDC output
Inputs	(4) N/O, Dry	(3) N/O, Dry (3) N/C, Dry	(2) N/O, Dry	(1) Power, 12/24 VDC	(1) Power, 24 VDC
Outputs	(4) SPDT, Fused, Wet or Dry (4) SPDT, Unfused, Wet or Dry	(1) SPDT, Wet (1) SPDT, Dry	(4) N/O, Dry	(4) Fused Class 2, On/Off, 12/24VDC (Matches input)	(1) Fused Class 2, 12 VDC (1) Fused Class 2, 24 VDC
	CLICK TO VIEW	CLICK TO VIEW		CLICK TO VIEW	CLICK TO VIEW

SPECIFICATIONS

	EMC
Input Voltage	12/24 VDC ± 10%
Input Current (Max)	140 mA
Input Configuration	(2) Normally Open (N/O), Dry
Dimensions	33 / 16” x 45 / 16”
Contact	10 Amp @ 30 VDC Resistive
Output Configuration	(4) Normally Open (N/O)

HOW TO ORDER

FOLLOW STEPS FOR ORDERING
Designates optional step

1| SPECIFY MODEL
EMC Dual Channel Exit Device Sequencer

STEP NUMBER:	1
ORDERING EXAMPLE:	EMC

the lock behind the system
Security Door Controls

LIT-DS_EMC_020524
sdcsecurity.com ■ 800.413.8783

Documents / Resources

	SDC EMC Dual Channel Exit Device Sequencer [pdf] Instructions EMC Dual Channel Exit Device Sequencer, EMC, Dual Channel Exit Device Sequencer, Channel Exit Device Sequencer, Exit Device Sequencer, Device Sequencer

References

- User Manual