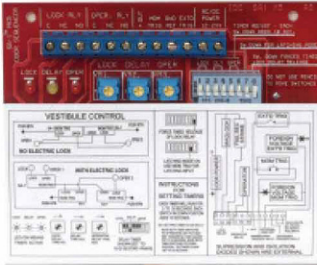


CX-SA-1 MK5 SWITCHING NETWORK

FEATURES

- 3 ADJUSTABLE DELAYS, UP TO 30 SECONDS MAXIMUM
- EASY POTENTIOMETER ADJUSTMENT
- LED'S FOR VISUAL RELAY CONFIRMATION
- ACCEPTS WET OR DRY INPUTS
- LATCHING MODE TOGGLES OUTPUT #2 ONLY, OR, OUTPUTS #1 AND #2 BOTH
- SPERATE MOMENTARY AND EXTENDED TRIGGER INPUTS FOR INCREASED FUNCTIONALITY
- SPDT CONTACTS RATED AT 2 AMPS @ 28 VDC
- 12 TO 24 V AC/DC



CX-SA-1

DESCRIPTION

CAMDEN DOOR CONTROLS CX-SA-1 MK5 switching network is an economical door interface relay. Relay 1 has an adjustable delay on release of 0 - 30 seconds. Relay 2 has a delay on operate of 0 - 30 seconds, and delay on release of 0 - 30 seconds.

The SA-1 has been designed for high reliability and ease of use. Adjustments are made via simple yet effective potentiometers combined with precise dip switch adjustment. The Form C relay outputs are rated at 2 amps @ 28 VDC. Red LED's confirm the relay status.

The momentary trigger input ensures that should an input (switch) ever stick closed, the unit will time out, thereby allowing the door to close and lock, enhancing security.

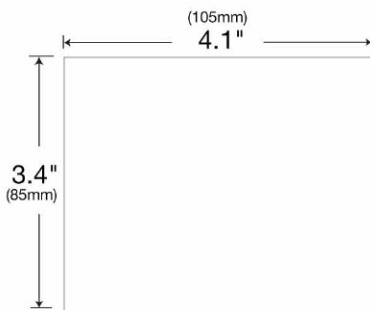
A simple dip switch change converts operation for a maintained input and output.

A further setting allows the input when activated to toggle output relay #2, or toggle both relays 1 and 2.

APPLICATION

The SA-1 switching network is ideal for (de)energizing an electric strike (or electromagnet) then, after an adjustable time, activating an automatic door operator. It is also suitable for other timing functions such as door sequencing in one direction, or anywhere a high quality timing relay is required.

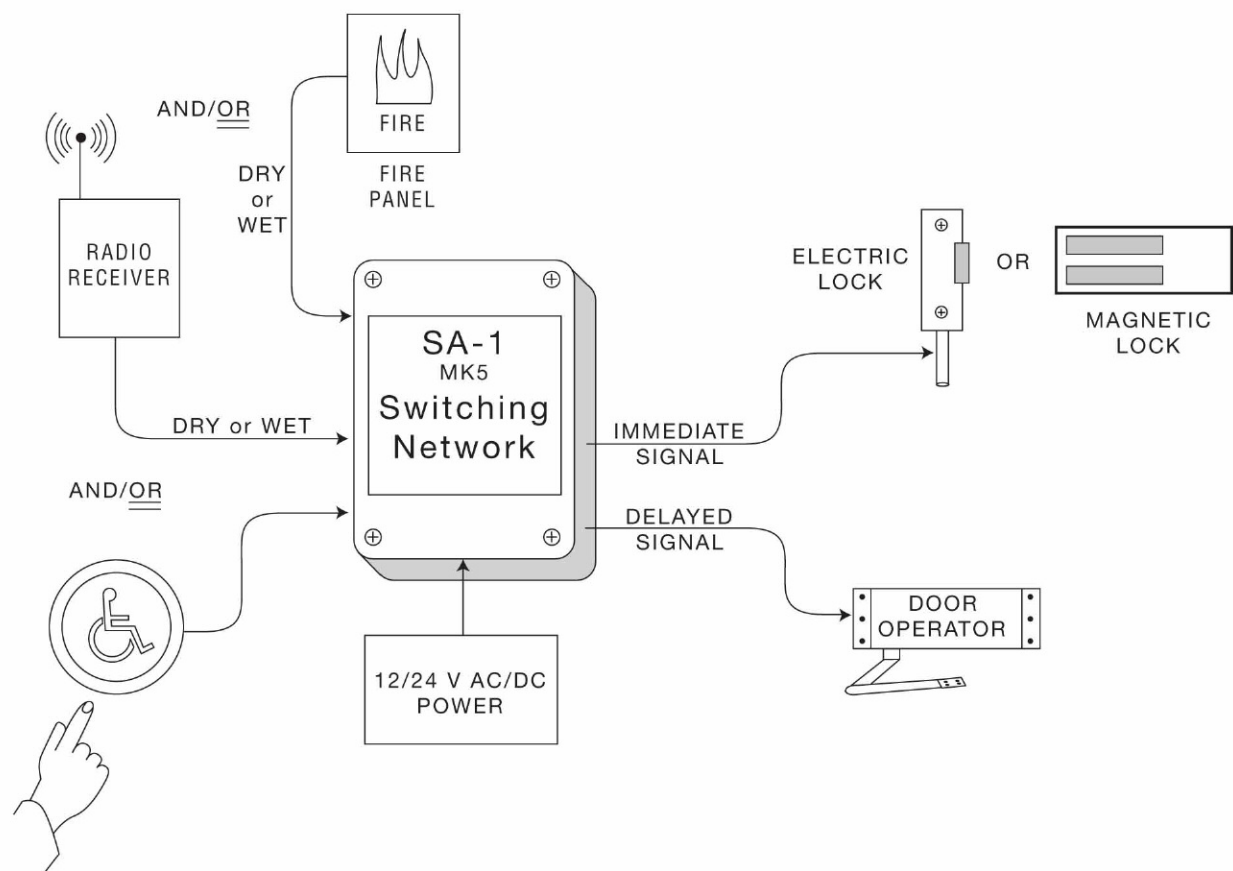
For smoke evac (fire door) application, a jumper change allows an extended trigger to send a maintained signal to the operator. The latching mode function could be useful on industrial doors, or computer room doors.



CX-SA-1



TYPICAL APPLICATION



SPECIFICATIONS

MODEL	CX-SA-1 MK5
SIZE	3.4" L X 4.1" W X 0.7" H (85MM X 105MM X 15MM)
MOUNTING	DOUBLE SIDED FOAM TAPE
ENCLOSURE	WRAP AROUND SLEEVE
OPERATING VOLTAGE	12 TO 24 VOLTS AC/DC
CURRENT DRAW	18 mA IDLE, 63 mA OPERATING @ 24V
RESPONSE TIME	.03 SECONDS
INPUT	N.O. WET OR DRY CONTACTS X 2
CIRCUIT DESIGN	ONE SHOT, MAINTAINED, OR LATCHING
RELAY OUTPUTS	2 X FORM C (SPDT)
CONTACT RATING	2 AMPS @ 28 VDC
ELECTRICAL LIFE	100,000 @ RATED CAPACITY
TIME DELAYS	DOR #1 - .5 - 30 SECONDS
	DOO #2 - .5 - 30 SECONDS
	DOR #2 - .5 - 30 SECONDS

CX-SA-1

