1. Crown Standard Control Systems Options: Sequence Logic Control Class

Crown Industrial Operators offers four classes of control systems for our electric door and gate operators. These systems feature a basic component and support a variety of additional control options. The standard components for each class are listed below with the most typical optional controls. If the controls your system require are not included below, custom systems can be developed.

Sequence Logic Control Class	Actuator Control Options	Safety Device Control Options (2 Safety Devices Required)
Class A Constant Contact Two-Button or Key Switch Controls Controls require constant pressure to keep the door/gate in motion in either direction. If pressure is released during the cycle, the door/gate will stop. Door movement will continue only when the control is activated and held again.	• 2 Button Station • Key Switch	None Required
Class B Momentary Contact Three-Button Controls Controls require momentary pressure to start the door/gate. Open, Close and Stop commands are default.	• 3 Button Station • Radio Control	• Safety Edge • Photo Eye • Presence Sensor • Loop Detector

Class C
 	
Single Momentary Contact with Timer to Close
 	
Controls require momentary pressure to OPEN the gate/door and a preset timer will close it. Controls activated during the closing cycle will instantly reverse the door/gate, move the gate to the full open position, reset the timer and after timer is expired will re-close. Controls activated during the opening cycle or while the gate is fully open will simply reset the timer.
	• 1 Button Station
	• Key Switch
	• Photo Eye
	• Radio Control
	• Loop Detector
	• Keyless Entry
	  ◊ Card Reader
	  ◊ Digital Keypad
	  ◊ Push Plate
		• Safety Edge
		• Photo Eye
		• Presence Sensor
		• Loop Detector

Class D
 	
Single Momentary Contact with Sequence Relay
 	
Controls require momentary pressure to move the door/gate in either Close or Open direction. If a control is activated while the door/gate is in motion, it will instantly reverse, travel to the end of the cycle and stop.
	• 1 Button Station
	• Key Switch
	• Photo Eye
	• Radio Control
	• Loop Detector
	• Keyless Entry
	  ◊ Card Reader
	  ◊ Digital Keypad
	  ◊ Push Plate
		• Safety Edge
		• Photo Eye
		• Presence Sensor
		• Loop Detector

C-1

Crown Industrial Operators • 213 Michelle Ct. • So. San Francisco, Ca 94080-6202
Phone: (650) 952-5150 • Fax: (650) 873-1495

5