

DESCRIPTION

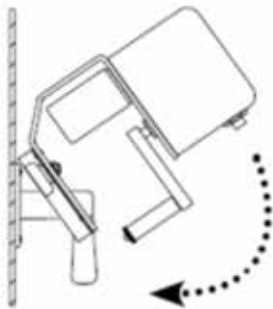
The RSK-CS Series of remote switch kits (RSKs) is designed to remotely operate control switches with pistol grip-style handles. Several models are available depending on the type of control switch being operated. The RSK-CS is temporarily installed over the control switch and held in place magnetically. No modification to switchgear is required. Connected by a cable to the actuator, a handheld controller allows the operator to stand outside the arc-flash hazard zone and rotate the control switch on command. A microcontroller monitors controller inputs, assures correct switch positioning, and drives the motor through an intelligent H-bridge. The entire unit is battery powered (24 V DC), eliminating the need for an external power source.



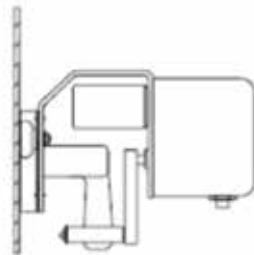
INSTALLATION

Three easy steps. Installs in seconds. RSKs do not require external power or modifications to switchgear.

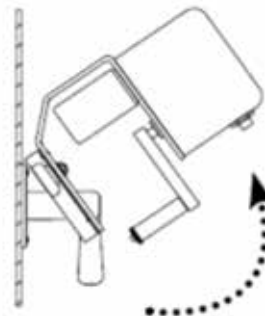
Step 1
Install



Step 2
Operate

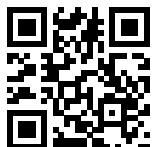


Step 3
Remove



All RSK-CS models include the actuator, a 30-foot control cable, a handheld controller, batteries, a durable/waterproof Pelican® carrying case, and the instruction manual. An optional 50-foot control cable is available for all models. Customers are responsible for determining the required cable length.

**Wirelessly-operated remote switch kits with handheld controller with 100-foot operating range, POWERED BY M18™ REDLITHIUM™ rechargeable battery are available for select models: RSK-CS01W, RSK-CS03W, and RSK-CS04W*



RSK-CS Series

Select models of control switches

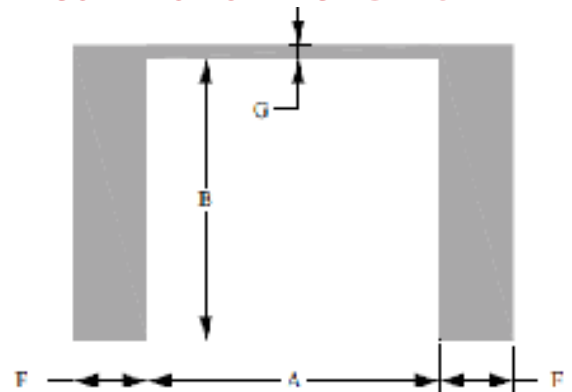
Covers models CS01*, CS03*, CS04*, CS05, and CS06

SPECIFICATIONS

- Power supply: 16 AA alkaline disposable batteries (24 V DC total); good for approximately 700 operations
- Fuse: 4 A, quick-blow, AGC-4
- Control cable: 5-conductor, extra flexible, PUR insulation, 30 ft. (standard), 50 ft. (optional)
- Typical operating time: 0.3 SECs for 45° of rotation
- Torque: 55 in.-lbs. (except CS05, which is 30 in.-lbs.)
- Gearmotor: All metal gears are in a formed metallic housing. DC brushed, permanent magnet motor with .375 in. diameter shaft
- Actuator rotation options: Some models have two user-selectable levels of actuator rotation
- Programmable microcontroller: Manages control inputs, motor functions, and monitors; limits mechanical travel; and performs timing functions to protect the motor in a stalled condition
- H-bridge: Intelligent H-bridge motor driver with integral thermal shutdown protection provides start/stop/braking motor functions
- Controller: Requires two-hand operation. The Enable button must be depressed while rotating the controller selector switch
- Projected life: 20,000 operations



CONTROL SWITCH DIAGRAM



CONTROL SWITCH MODELS

	A	B	F	G	MAX CONTROL SWITCH ESCUTCHEON THICKNESS	MAX CONTROL SWITCH HANDLE WIDTH	# MAGNETS	MAGNET STRENGTH (GAUSS)	SELECTABLE ROTATION?
CS01	3.1"	3.38"	0.75"	0.20"	0.8"	0.86"	2	13200	Yes
CS03	3.7"	3.38"	0.75"	0.20"	0.8"	0.86"	2	13200	Yes
CS04	2.7"	3.38"	0.75"	0.10"	0.6"	0.86"	2	13200	No
CS05	1.92"	1.93"	0.5"	0.10"	0.38"	0.50"	3	6929	No
CS06	2.6"	2.68"	1.35"	0.10"	0.38"	0.45"	2	12600	No

