

DESCRIPTION

The **CBS ArcSafe® RSK-DS10** remote switch kit (RSK) is designed to remotely close/trip all Cutler-Hammer/Square D/Westinghouse Type DS air circuit breakers. The RSK-DS10 remotely pushes the close and trip buttons but is not designed to charge the spring, which must be done manually if pushing the close button. The actuator, which is held in place magnetically, attaches and detaches in seconds. A handheld controller, connected via a control cable to the actuator, allows the operator to be positioned outside the arc-flash boundary. A motor and gearbox in the actuator rotate the close/trip lever to the commanded position. No modifications to the breaker or installation of the brackets on the enclosure are required.

All RSK-DS10 models include the actuator, a 30-foot control cable, a handheld controller, AA batteries, a durable Pelican® carrying case, and an instruction manual. An optional 50-foot control cable is available for all models. Customers are responsible for determining the required cable length.



RSK-DS10

Cutler-Hammer/Square D/ Westinghouse Type DS

800 A–5000 A

U.S. Patent No. 8,456,259 B2

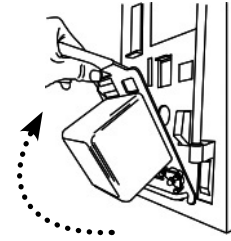
SPECIFICATIONS

- Holding magnets: Five neodymium magnets (two 12,600 gauss; three 13,200 gauss)
- Construction: All metal (typical aluminum) components are manufactured on CNC equipment for precision and quality
- Power supply: 16 AA alkaline disposable batteries (24 V DC)
- Fuse: 5 A, quick-blow, AGC-5
- Control cable: 5-conductor, extra flexible, PUR insulation, 30 ft. (standard), 50 ft. (optional)
- Safety interlock: Prevents installation on breaker if breaker is not in neutral position
- Controller: Requires two-hand operation. The Enable button must be depressed while depressing the On or Off buttons.
- Programmable microcontroller: Manages control inputs and motor functions, monitors and limits mechanical travel, and performs timing functions to protect the actuator in a stalled condition
- H-bridge: Intelligent H-bridge motor driver with integral thermal shutdown protection provides start/stop/braking motor functions
- Gearmotor: All metal gears in a formed metallic house; DC-brushed permanent magnet motor
- Total unit weight: 14 lbs. (includes all components within carrying case)
- Actuator dimensions: 12"H x 6"W x 4"D
- Typical operating time: 0.3 seconds per operation
- Projected life: 10,000 operations

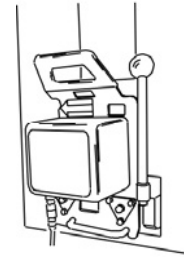
INSTALLATION

No external power is needed and no modifications to the switchgear are required.

Step 1 Install



Step 2 Operate



Step 3 Remove

