

### DESCRIPTION

The CBS ArcSafe® RSK-RL12 remote switch kit (RSK) is designed to remotely close/trip all Siemens-Allis/Siemens Type RL air circuit breakers. The RSK-RL12 remotely pushes the close and trip buttons but is not designed to charge the spring, which must be done manually when 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 brackets on the enclosure are required.



All RSK-RL12 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-RL12

Siemens-Allis/Siemens Type RL

## SPECIFICATIONS

- Holding magnets: One 1-1/4" diameter neodymium
- Power supply: 16 AA alkaline disposable batteries (24 V DC)
- Control cable: 5 conductor, extra flexible, PUR insulation, 30 ft. (standard), 50 ft. (optional)
- Controller: Two-handed operation; the Enable button must be depressed while depressing the On or Off button
- Programmable microcontroller: Manages control inputs and motor functions 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

## DIMENSIONAL FOOTPRINT

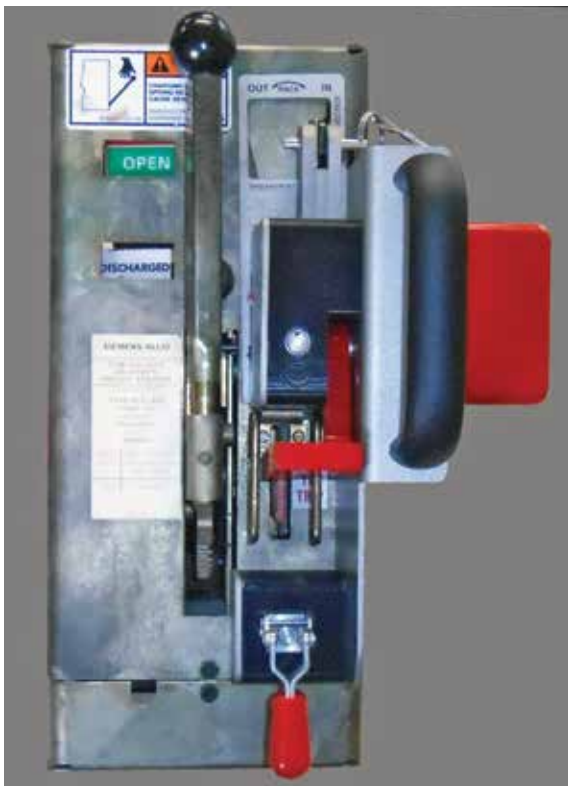


Figure A – Front view of RSK-RL12 installed on a breaker

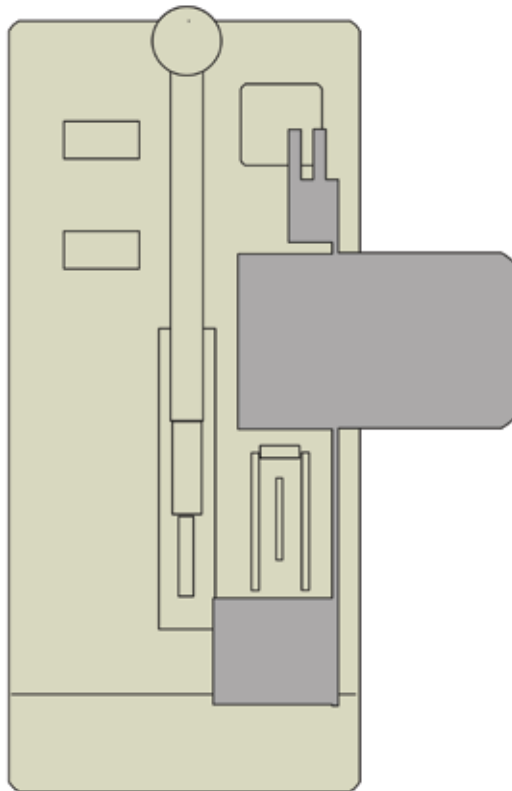


Figure B – Light gray areas indicate where the RSK-RL12 will contact the breaker and switchgear door. This area must be clear of obstructions, such as any kind of hardware or lamacoid nameplates.

