

### DESCRIPTION

The **CBS ArcSafe® RSK-GEPB1** series of remote switch kits (RSKs) is designed to remotely close/trip General Electric Power Break 1 series breakers. The RSK-GEPB1 series 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. The RSK-GEPB1 does not require modifying the breaker or installing brackets on the enclosure.

The RSK- GEPB1 comprises three models:

GEPB1: The GE Power Break's On button is located in the top right corner

GEPB1E: The GE Power Break's On button is centered at the top of the breaker

GEPB1L: The GE Power Break's On button is located on the left side of the charging handle



All RSK-GEPB1 models include the actuator, a 30-foot control cable, a handheld controller, AA batteries, a durable 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-GEPB1

General Electric Power Break  
1 Series

## SPECIFICATIONS

- Holding magnets: Two 1¼" diameter neodymium magnets
- Power supply: 16 AA alkaline disposable batteries (24 V DC)
- Fuse: 4 A, quick blow, AGC-4
- Control cable: 5-conductor, extra flexible, PUR insulation, 30 ft. (standard), 50 ft. (optional)
- Controller: Requires two-hand operation. The Enable button must be depressed while depressing the Open or Close buttons.
- Programmable microcontroller: Manages control inputs, manages 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
- Projected life: 15,000 operations

## DIMENSIONAL FOOTPRINT



Figure A – RSK-GEPB1 installed on breaker

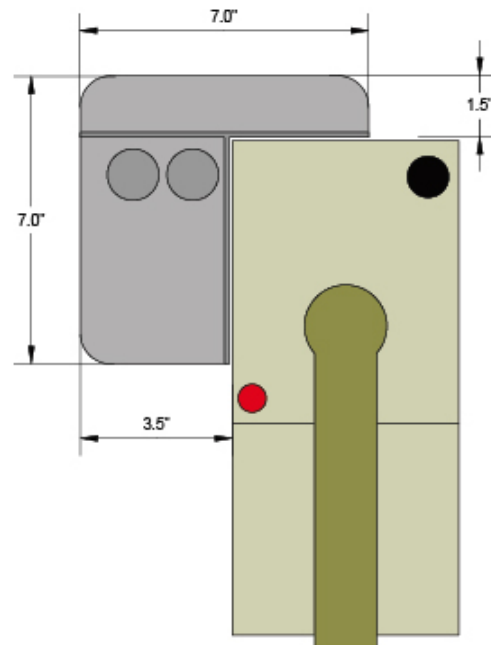


Figure B – Dark gray areas indicate where the actuator will contact the switchgear door. This area must be clean and free from obstructions such as lamacoid nameplates. The light gray areas indicate the frame of the RSK-GEPB1. This area must be clear of anything that rises more than ¾" from the switchgear door.

