CBS ArcSafe®

A Group CBS Company

RSK-MDS30

Cutler-Hammer/Eaton Magnum DS, SB

Door closed, 800 A – 4000 A

U.S. Patent No. 7.623.011

PRODUCT BULLETIN

DESCRIPTION

The **CBS ArcSafe® RSK-MDS30** remote switch kit (RSK) is designed to remotely close/trip Cutler-Hammer/Eaton Magnum DS, SB insulated case circuit breakers. The RSK-MDS30 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 microcontroller monitors controller inputs and drives the actuators through the intelligent H-bridges. The RSK-MDS30 does not require modifying the breaker or installing brackets on the enclosure.

CHICKEN SWITCH®

All RSK-MDS30 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.

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SPECIFICATIONS

- Holding magnets: Two 1¼" diameter neodymium magnets
- Power supply: Eight AA alkaline disposable batteries (12 V DC)
- Fuse: 3 A, quick blow, AGC-3
- 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 On or Off button.
- Programmable microcontroller: Manages control inputs and motor functions 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
- Projected life: 15,000 operations

DIMENSIONAL FOOTPRINT

Figure A – Front view of RSK-MDS30

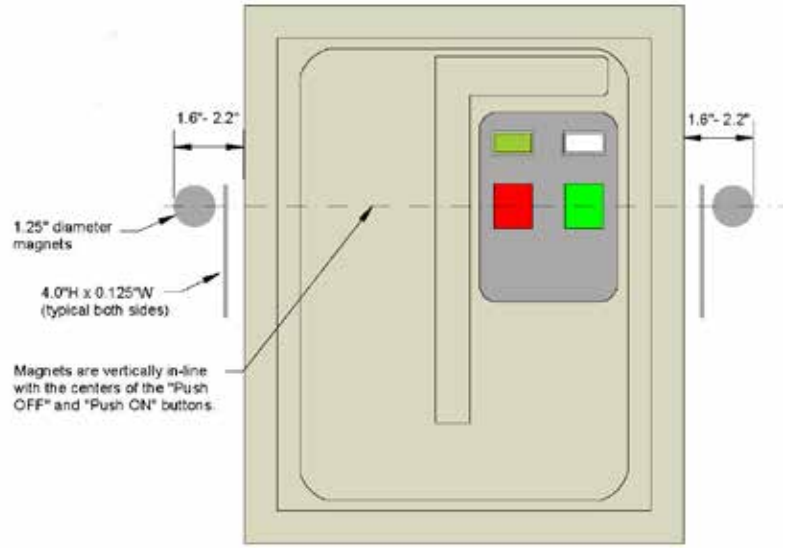

Figure B – Light gray areas indicate where the RSK-MDS30 will contact the breaker and the switchgear door. The area must be clear of obstructions such as any kind of hardware or lamocoid nameplates.