

### DESCRIPTION

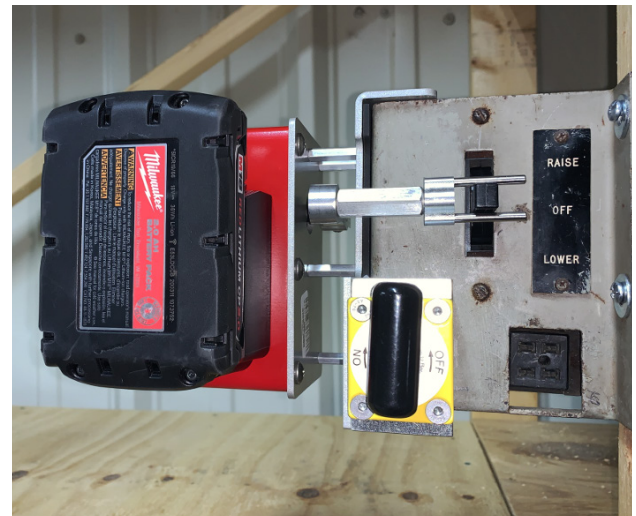
The CBS ArcSafe® **RSK-MBSW1** remote actuator is designed to remotely operate the raise/lower toggle-style switch assembly on GE Magne-Blast circuit breakers with built-in racking motors. The device's magnetic latching system eliminates the need for modifications to switchgear.

Available in 30-foot cabled, 50-foot cabled, and wireless versions, the RSK-MBSW1 is powered by a Milwaukee Tool M18 battery with a voltage output of 18 V DC. Cabled versions include an RTL-1 handheld controller. The wireless version uses an RTL-3 radio transmitter and receiver that operates in the 2.4 GHz frequency band and at low power (6.3 MW) over a 100-foot line of sight range. The actuator comes with a heavy-duty carrying case that can be used to conveniently store the device and its components.



### SPECIFICATIONS

- Actuator voltage: 18 V DC
- Battery: M18 CP2.0 (Milwaukee part number 48-11-1820) recommended
- Actuator weight with M18-CP2.0 battery: 7.2 lbs./3.3 kg
- Battery charger: Most kits ship with Milwaukee Tool part number 48-59-1812, which is rated for 120 V AC input. Other, similar chargers may be included based on customer needs.
- Wireless transmitter: Operating frequency 2.4 GHz, 6.3 MW output; 100-foot line of sight range
- Magnet: Rated 400 lbs./181 kg magnet strength, 20 lbs./9 kg shear load
- Projected life: 20,000+ operations
- Carrying case: Watertight, lightweight, strong HPX® resin, manufactured by Pelican
- Weight of complete kit with carrying case: 16 lbs./7.3 kg



# RSK-MBSW1

Remote Actuators for GE Magne-Blast  
Raise/Lower Toggle Switches

## INSTALLATION

When installing the RSK-MBSW1, the raise/lower switch must not be inadvertently operated. The actuator should be installed by first prepositioning the actuator arm to the current position of the raise/lower switch.

Follow these steps to preposition the actuator arm:

1. Determine if the actuator fork is in the right position to align with the toggle switch by looking at the switch on the switchgear. If the actuator fork is not aligned properly, use the handheld controller to advance the fork arm up or down as needed.
2. Ensure that the switchgear door is clean and free of obstacles, such as labels that may prevent the magnet from fully engaging the toggle switch mounting plate. Note: If the magnet does not fully contact the metal of the plate, the actuator may fall off during operation.

Follow these steps to preposition the actuator:

1. Verify that the magnet is in the off position.
2. Slide the actuator to the right while simultaneously engaging the fork on the toggle switch.
3. While holding the actuator firmly in place, with the top of the frame against the top of the toggle switch plate, turn the magnet on.
4. Install the Milwaukee Tool battery.
5. Press the WAKE button to power up the unit.
6. While standing at a safe distance, press and hold the ENABLE button on the handheld controller.
7. Momentarily press the red or green button, causing the actuator to move the toggle switch either up or down one position at a time, until the switch is in the correct position.
8. Once switching is completed, remove the actuator in the reverse order of installation.
9. Press the SLEEP button, remove the battery, and then remove the actuator. Note: Be sure to turn the magnet off to remove it.

