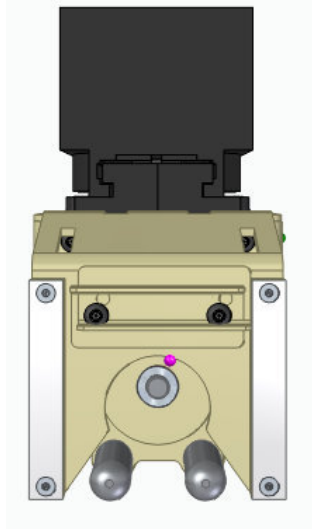


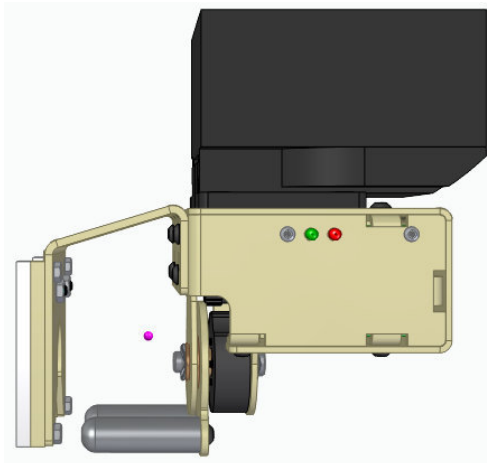


**SR-U**

# ROC-SB-Switch Operator



**SB Switch**



**O**ur products are built to spec in our 23,000 sq ft., state-of-the-art facility by our team of designers and engineers in Tucson, Arizona. Each product is custom designed to individually fit each breaker, cubical door, switch gear, or variant so you know you're getting the safest, most reliable product on the market. We built the best so your team stays safe.

Because Distance is the Best Arc Flash Protection



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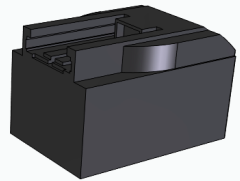
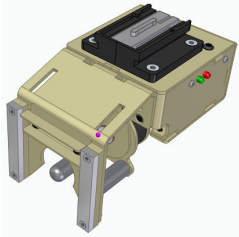


## Safety First

Always observe all safety precautions and use all personal protective equipment (PPE) as required by Local Site Procedures. This equipment is designed to minimize exposure risk to the operator. Please use the cables, explained below, to attain a safe distance from the breakers during racking. Always use appropriate PPE. Above all, adhere to site specific regulations and requirements.

Before beginning the racking process, be sure that the breaker is open, verify that a lockout/tag out is in place (LOTO) and allows racking of the breaker.

## Parts List

Part/Image	Quantity	Description
	1 each	18v Milwaukee battery
	1 each	ROC SB Switch Operator



## Operation Manual

### Overview

Depicted in figs. 1.1 and 1.2, the Remote Open Close (ROC) SB Switch Operator is mounted to a breaker and ready to engage with a handle. Shown here, an 18v battery is attached to the SB Switch with a communication cable leading to a Handheld Controller.

The SB Switch connects to the face of the breaker with two magnets that hold it securely in place. Two rods engage with the arm in order to turn the switch on/off. The pressure in the arms is monitored to eliminate the risk of damaging the breaker arm.

Once installed on the breaker, the SB Switch can be connected with up to 150 feet of communication cable to keep the operator at a safe distance when performing the on/off function.

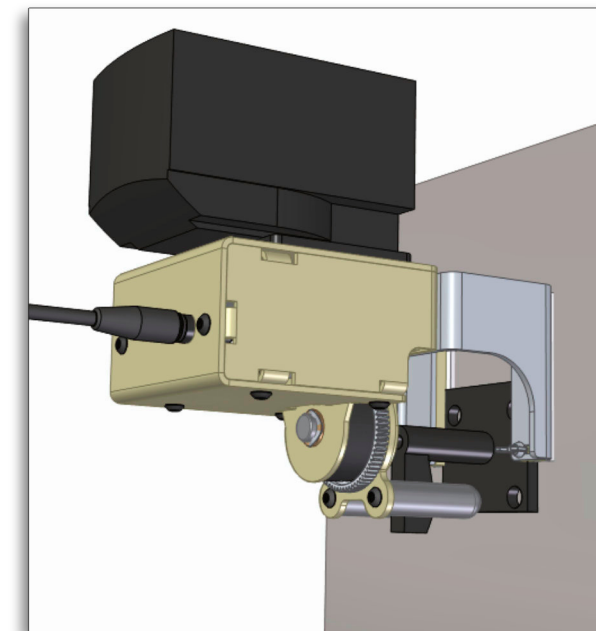


Fig. 1.1

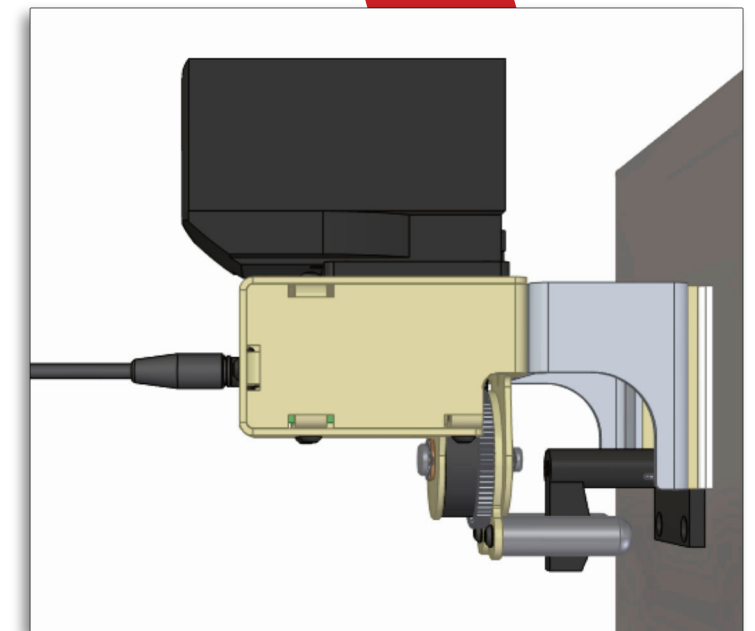


Fig. 1.2



## Handheld Controller

The Handheld Controller connects to the MDU via a 50' Automation Cable. If necessary three cables may be tethered to achieve a safe distance of 150'. Once plugged in and turned on, the Handheld Controller guides the user through the racking in/out procedure.

### Sequence Process

1. Connect the Handheld Controller with the 50' Comm. Cable.
2. Move a safe distance from the breaker.
3. Twist the E-Stop switch, depicted here, to activate the HCC.
4. Turn on the Handheld Controller and follow the on-screen prompts.

## Error Recovery

When racking in/out, if an obstruction or mechanism failure occurs, the system will attempt to recover the breaker to a safe position. Actions will be displayed with an asterisk (\*) in front of them. When done, the position of the breaker will be displayed as determined by the recovery. Note the location and approach with caution. Determine the cause of the failure and remedy the situation prior to attempting additional remote racking.

**NOTE:** Attempting to stop or shutting down the system mid-process once it has started is not recommended, as this will leave the breaker in an unknown position. The Remote Racking System will only operate from "known" positions: connect or disconnect. The Remote Racking System will not engage when the breaker is at a mid-point.



## Care/Maintenance

To ensure longevity from the Portable Kit and the Smart Drive Bracket, store the tools in the provided polymer case in a dry, temperate environment. The tools are weather resistant but should be used with care in rain and snow.

### WARNING

This product can expose you to chemicals including Di(2-ethylhexyl)phthalate (DEHP), which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

For any questions, concerns, information, or missing/replacement parts, contact Remote Solutions below or follow the QR link to our website.



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