

# Installation and Operation

# CBS ArcSafe®

RSA-159

(For Square D, Class 8198)



# 1.0 Installation

## DANGER!

*\*Ensure that the switchgear to be remotely operated matches the switchgear discussed on the first page. If the switchgear does not match, please contact CBS ArcSafe® for more information regarding remote switching applications for your particular model.*

**Step 1:** Ensure there are no obstructions around the handle operator for installation as seen in Figure 1.



Figure 1: Ensure the area around the handle operator is clean

**Step 2:** Slide the RSA-159 unit over the handle operator as shown and ensure that the assembly sits flush with the panel. Look over Figure 2 for a visual instruction.



Figure 2: Slide the RSA-159 handle locator over the handle operator on the breaker

**Step 4:** Engage the magnets (figure 3) located on the side of the RSA-159 to secure the device to the panel. Rotate clockwise to secure the magnet.

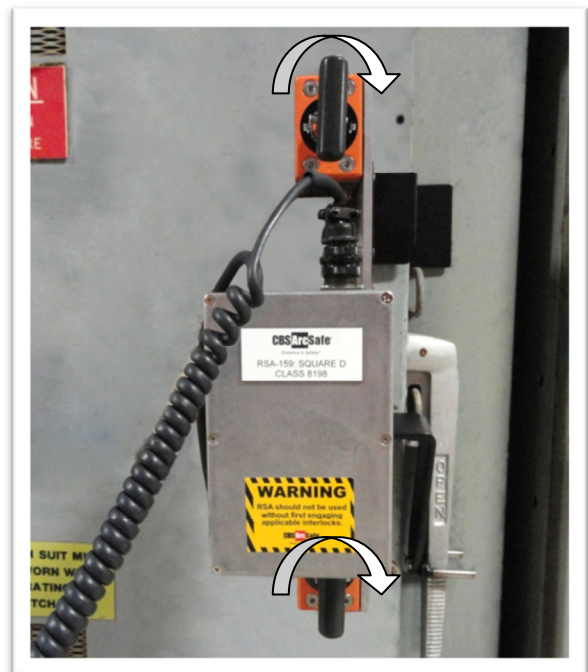


Figure 3: Rotate clockwise as directed above to secure the RSA-159 to the breaker

## 2.0 Opening/Closing the Breaker

**Step 1:** Open the RSO-I lid by disengaging the two latches on the front of the case.

**Step 2:** Connect four pin threaded style cable from the RSO-I to the RSA-159.



Figure 4: Inside the RSO-I case

**Step 3:** Turn the power switch to the ON position.

**Step 4:** If equipped with the Radio Remote Pendant option, ensure that the green activation key is inserted into the slot on the remote.



Figure 5: RSO-I control panel


**Step 5:** Ensure that the unit is properly installed on the MCC bucket and connected to the RSO-I as previously described.

**Step 6:** To close, press “CLOSE”.

**Step 7:** To open, press “TRIP”

### ATTENTION

Please ensure that either the batteries on the unit are fully charged or the unit is plugged into AC power.

RSA-159 Component List		
Item	Description	CBS ArcSafe®
		Part Image
1	RSA Tooling Assembly	



*Distance Is Safety®*

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**DANGER!**

*\*Ensure that personnel using this equipment are adequately trained in the operation of the switchgear they are planning to work with; that they are correctly stationed outside the arc flash boundary; and that they comply with all applicable Federal, State, Local, and In-house safety regulations and procedures. Attention should be given to distance, angle, and personal protective equipment (PPE).*