

Installation and Operation

CBS ArcSafe®

RSA-23

(For Westinghouse DH)



Distance Is Safety®

CBS ArcSafe®

A Group CBS Company

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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.*

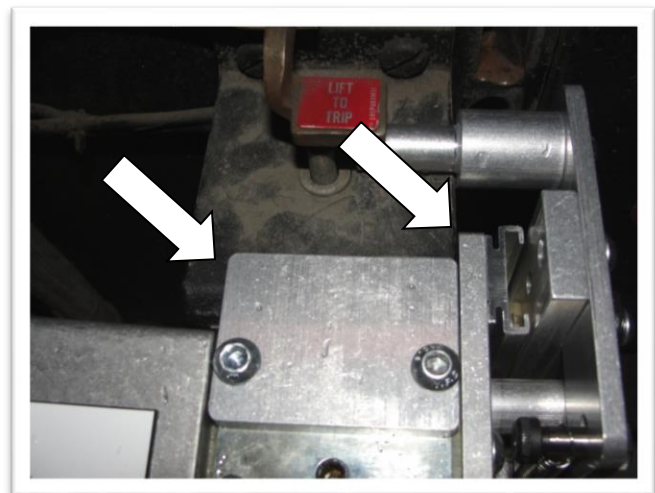
Step 1: Ensure there are no obstructions around the switch before installation of the RSA-23.

ATTENTION!

The location of certain items such as mimic bus, stickers, and/or placards may interfere with the installation of the RSA. These items may need to be removed or repositioned for proper RSA installation.

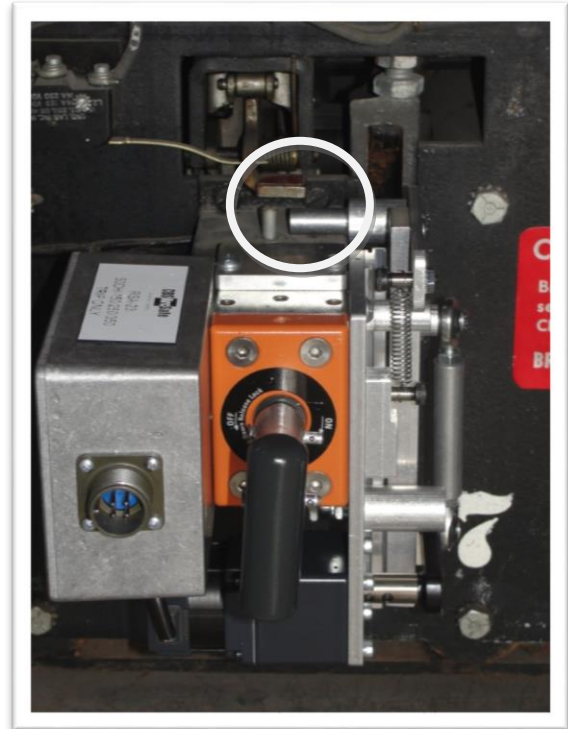


Step 2: Place the RSA-23 over the serial plate and ensure the two locators are positioned flush with the serial plate escutcheon, as seen in the figure to the right.



Step 3: Secure the RSA-23 to the breaker by turning the twist-to-lock handle on the magnet 180° clockwise. Verify that the trip rod is properly aligned with the trip switch, as seen in the figure to the right.

The RSA-23 is now properly installed and ready for operation; see section 1.1 for RSA-23 adjustment locations.

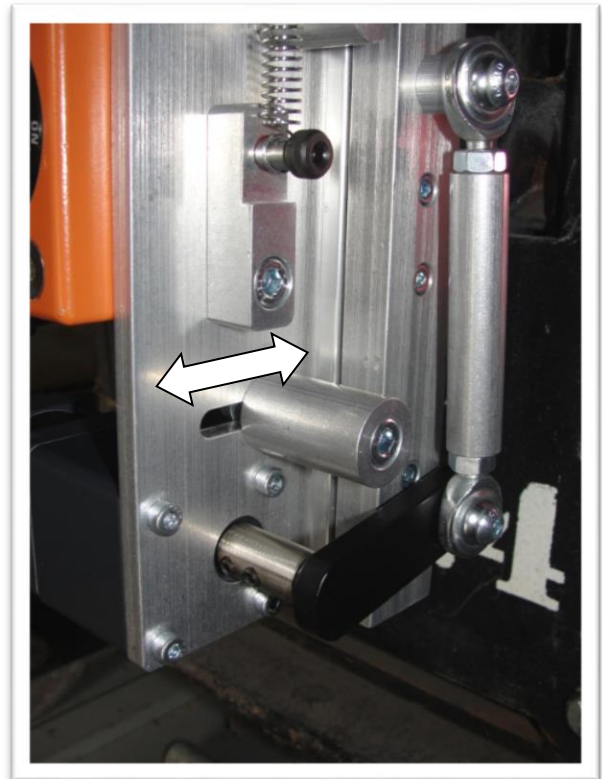


1.1 RSA-23 Adjustment Locations

ATTENTION!

To ensure the proper installation and operation of the RSA-23 and the switchgear, the RSA may need to be slightly adjusted to fit each cabinet.

Step 1: If the shaft of the trip rod is failing to trip the breaker, the travel may be adjusted to account for slight variances with each breaker. To adjust the travel, loosen the bolt on the motor stop and slide in or out until the proper position has been found. Retighten the bolt before operating the RSA-23.



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: Remove the four pin threaded style cable from the RSO-I cord storage area and connect the cable to the corresponding plug on the RSA-23.

ATTENTION!

Please ensure that all cables are clear of moving parts. Failure to do so could damage cables and/or actuator.



Step 3: Turn the power switch to the “ON” position and exit the arc flash boundary. Controls are shown in the figure to the right.

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

Step 5: Verify the unit is properly installed on the switchgear and connected to the RSO-I as previously described.



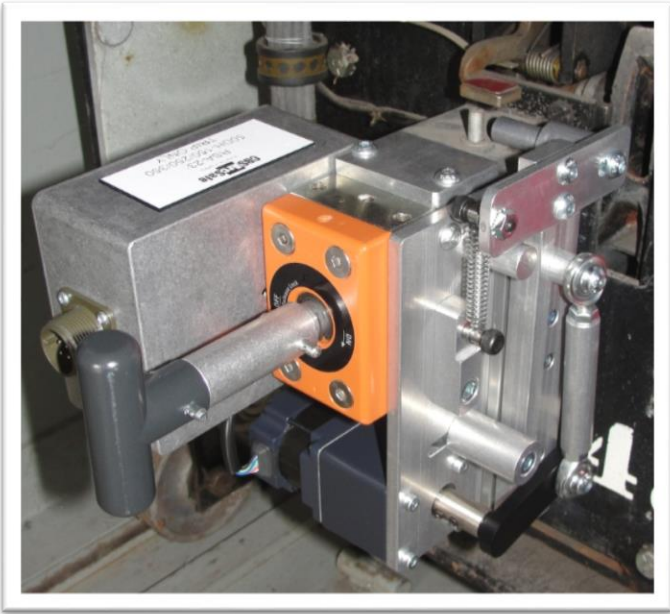
Step 6: To close, press and hold the “CLOSE” button until the breaker is closed.

Step 7: To open, press and hold the “TRIP” button until the breaker is tripped.

ATTENTION

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

3.0 Included Components

RSA-23 Component List		
	Description	CBS ArcSafe® Part Image
1	RSA-23 Assembly	



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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).*