

Installation and Operation

CBS ArcSafe®

RSA-66A



Distance Is Safety®

CBS ArcSafe®
A Group CBS Company

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1.0 Installation

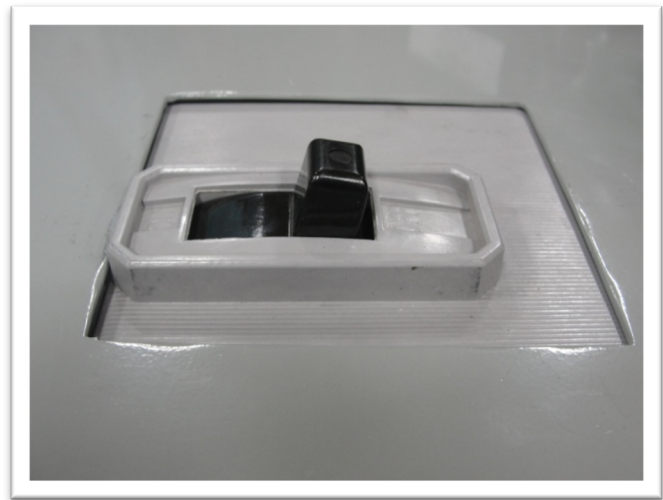
DANGER!

**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.*

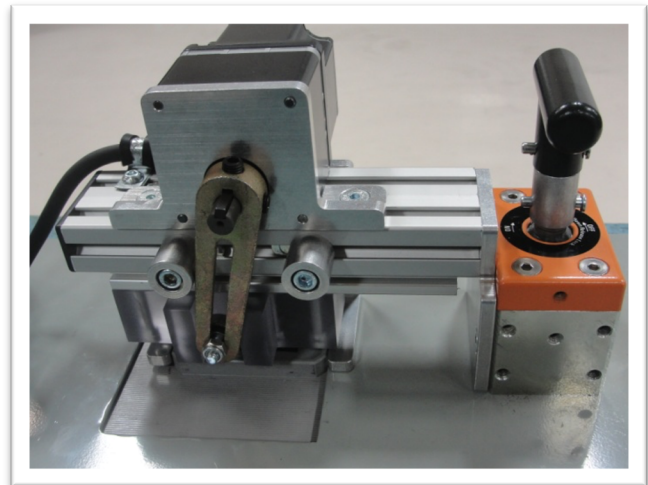
Step 1: Ensure there are no obstructions around the switch before installation of the RSA-66A as shown in the figure to the right.

ATTENTION!

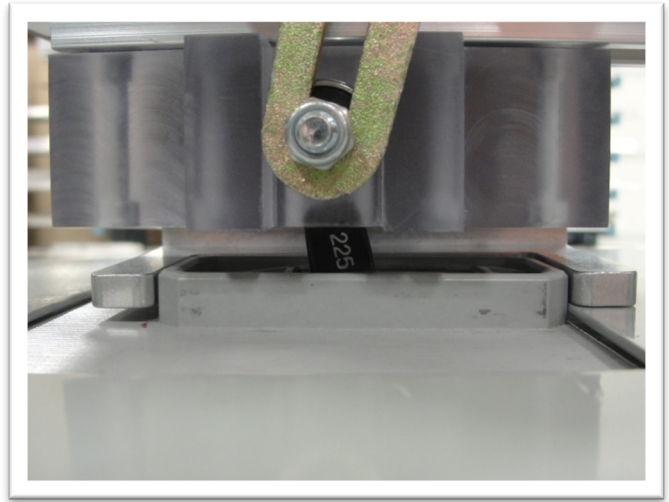
The location of certain items such as mimic bus, stickers, and/or placards may interfere with the installation of the RSA. These items may need to be removed or repositioned for proper RSA installation.



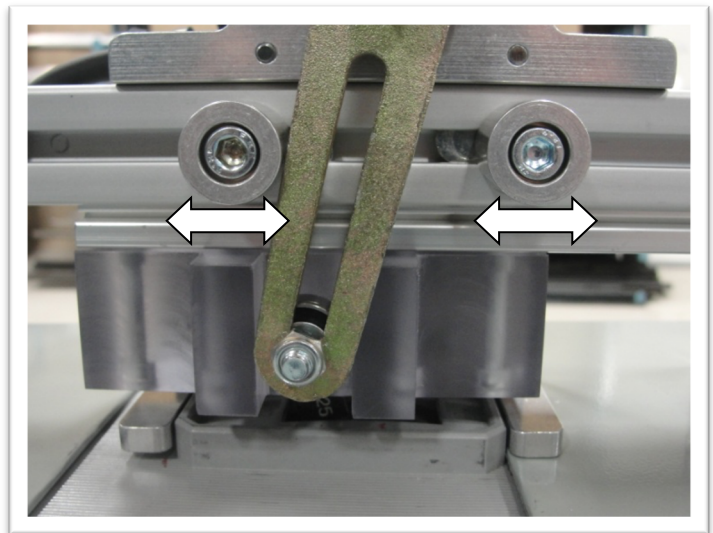
Step 2: Place the RSA-66A over the switch and secure the RSA into place by rotating the handle of the twist-lock magnet 180° clockwise. This will engage the magnet and fix the RSA to the panel as shown in the figure to the right.



Step 3: Verify the switch is between the slot of the black switch adapter and the switch locator is seated flush against the base of the switch.



Step 4: If stroke adjustment is needed, loosen the 2 bolts on the front of the RSA-66A and slide outward to lengthen stroke or inward to shorten stroke. Be sure to retighten the bolts before operating the RSA-66A.



The RSA-66A is now properly installed and ready for operation.

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-66A.

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.



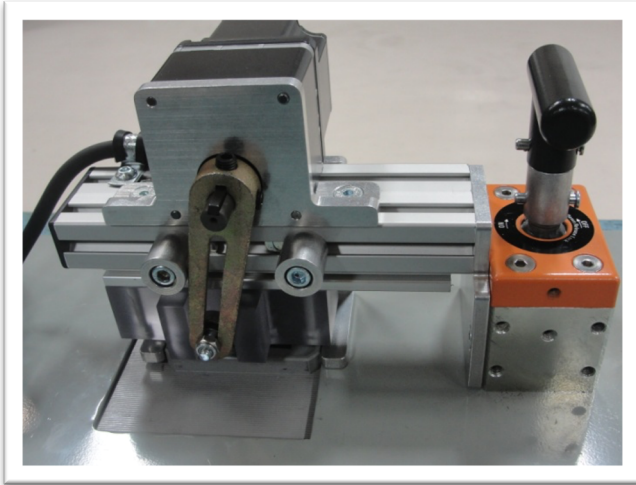
Step 6: To close, press and hold the “CLOSE” button until the breaker is closed.

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-66A Component List		
Item	Description	CBS ArcSafe®
		Part Image
1	RSA-66A 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).*