

Installation and Operation

CBS ArcSafe®

RSA-161A

(Schneider Class 9421 Type L
Mechanism - 3" Handle Assembly)



1.0 Installation

DANGER!

Ensure that the equipment to be remotely operated matches the equipment shown and described on the cover page. If the equipment does not match, please contact CBS ArcSafe® for more information regarding remote operating applications for the equipment in question.

Step 1: First, ensure that the panel surrounding the handle operator is free from any obstruction that may interfere with the proper installation of the RSA-161A. The device will be mounted on top of the handle operator and will require several inches of clearance around the handle as shown in all directions.



Step 2: Next, ensure that the handle operator on the RSA-161A matches the location of the handle to be remotely operated. If it does not, jog the handle to the correct position either manually or the RSO control device.

Step 3: The RSA-161A will be mounted over the top of the handle operator and will locate on the right edge of the cabinet door/panel. Place the RSA-161A over the handle and install onto the surface of the door/panel. Check to ensure that all mounting surfaces are sit flush to the surface of the door/panel and do not interfere with any protruding labels, placards, or hardware. Ensure that the locator is properly located on the right edge of the door/panel as shown in the image on the following page.



Step 4: Now, secure the RSA-161A into place using the twist lock magnet. Rotate the handle of the magnet 180° clockwise to engage the magnet and secure the RSA-161A to the equipment.



Step 5: Next, find a suitable place to mount the motor control box. The motor control box is mounted using the magnet on the underside of the box. The box should be located in a location where it will not interfere with the remote operation of the MCCB.

ATTENTION!

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

Step 6: Lastly, ensure that the device is setup as shown in the image on the following page. If everything is setup as described above and shown in the image, then the RSA-161A is ready to operate.



2.0 Operation

Step 1: Ensure that the RSA-161A is properly installed on the equipment as described in the previous section.

Step 2: Next, open the RSO-I AR to expose the cords and controls by disengaging the two latches on the front panel and lifting the lid.



Step 3: Remove the cable from the cord storage area inside the RSO and connect the cable to the corresponding receptacle on the RSA-161A motor control box. Once the RSO-I AR has been connected, exit the arc flash boundary

ATTENTION!

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

Step 4: Power the RSO-I AR on by turning the green switch to the ON position. If using the radio remote option, turn the switch to the REM position and activate the remote.

ATTENTION

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

Step 5: If the handle is in the ON position and needs to be moved to the OFF position, then press and hold the TRIP button on the RSO-I AR to turn off the equipment.

Step 6: If the handle is in the OFF position and needs to be moved to the ON position, then press and hold the CLOSE button on the RSO-I AR to turn on the equipment.



Distance Is Safety®

CBS ArcSafe, Inc.
2616 Sirius Road
Denton, TX 76208

Tel: 940-382-4411

Fax: 940-382-9435

Website: www.CBSArcSafe.com

Email: info@CBSArcSafe.com

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).