

# CBSArcSafe®

## RSA-102

FP 400 Amp  
Switchmatic



*Distance Is Safety®*

**CBSArcSafe®**

A Group CBS Company

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# 1.0 Installation

**DANGER!**

*\*Ensure that the switch to be serviced matches the switch discussed. If the breaker to be serviced does not match, please call CBS ArcSafe® for more information regarding switching applications for your particular model of switch.*

## 1.1 RSA-102 Alignment Locations for Breaker Installation

**ATTENTION**

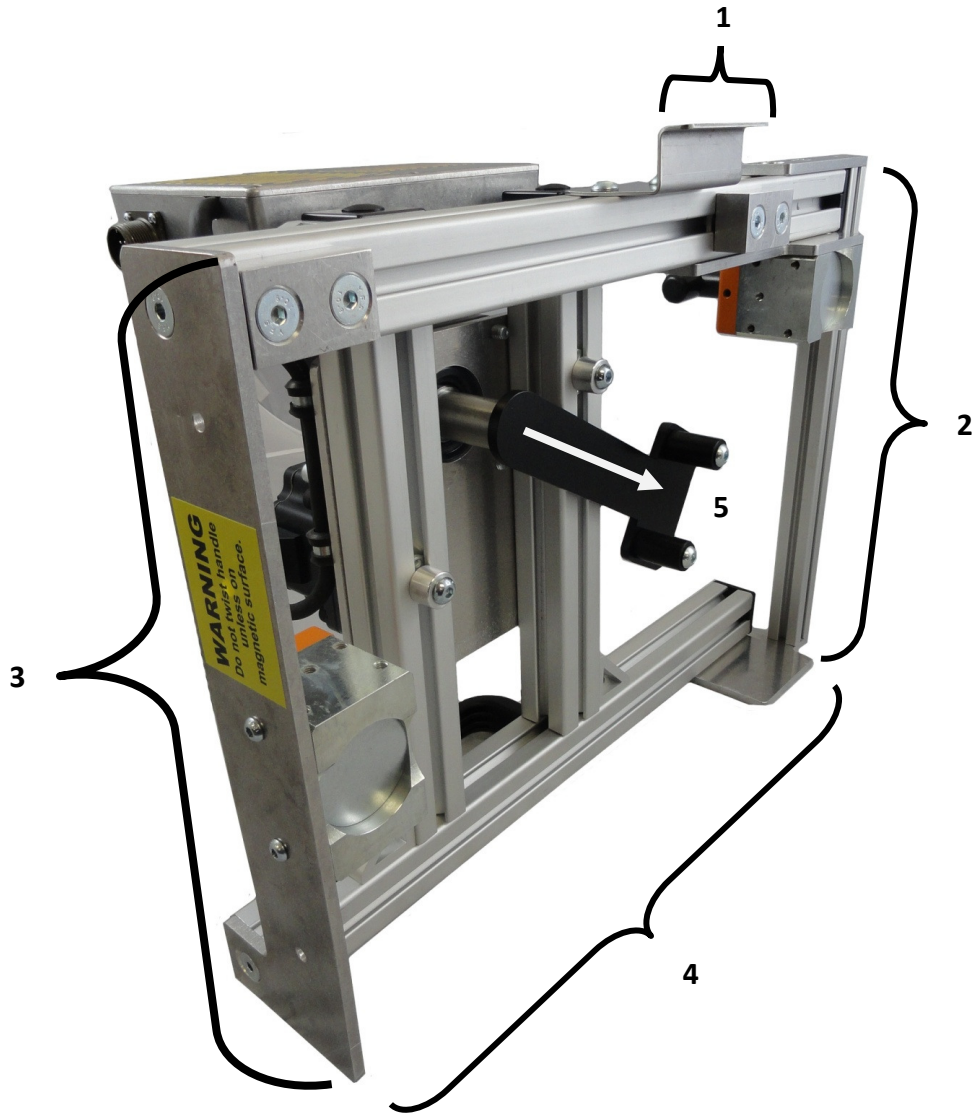
*The numbers depicted on the breaker below correspond to where the RSA-102 needs to align on the breaker.*



**Figure 1:** FP 400 Amp Switchmatic.

**ATTENTION**

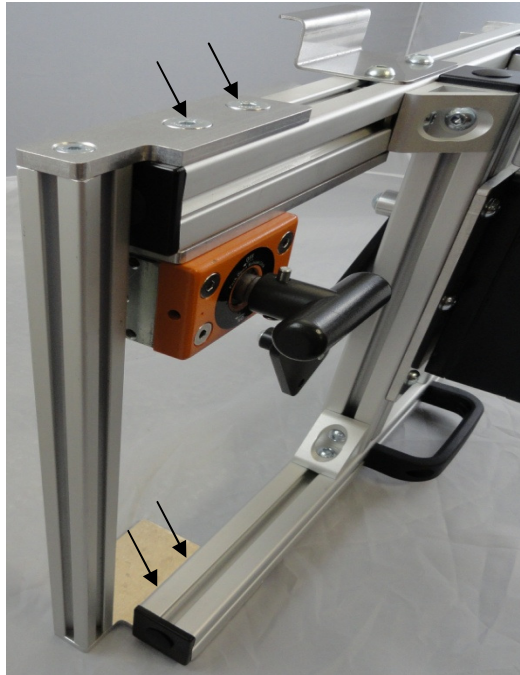
*The numbers depicted on the RSA-102 correspond to the breaker alignment locations from Figure 1.*



**Figure 2:** RSA-102 Alignment locations.

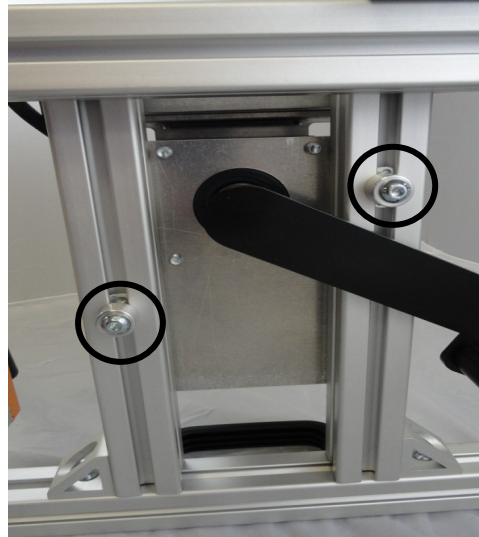
The locations in Figure 2 need to align with the numbered locations in Figure 1, slight adjustments need to be made for proper operation. These adjustments will be discussed in the next section of the manual.

## 1.2 RSA-102 Adjustment Locations



To widen the RSA-102, loosen the screws of the following locations and slide the left support outward. This adjustment will help the RSA-102 fit more securely between the breaker door and the left hinge, as seen in the image below.





Adjustments will need to be made to the two motor stops above to limit the travel of the handle. This will keep the RSA-102 from damaging the ON/OFF Switch. They can be adjusted with an Allen wrench then raised or lowered to the proper height.



The two handle grips can be adjusted to fit a wider handle by unscrewing and moving to the open holes, as seen in the image above.

## 2.0 Opening/Closing the Switch

1. Ensure that the unit is properly installed on the switch.
2. Connect the cable from the RSO to the motor control box.
3. Power the RSO I on.

### ATTENTION

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

4. If the switch is connected (on) press and hold the “TRIP” button until the switch opens to turn the switch off.
5. If the switch is disconnected (off) press and hold the “CLOSE” button until the switch closes to turn the switch on.



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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).*