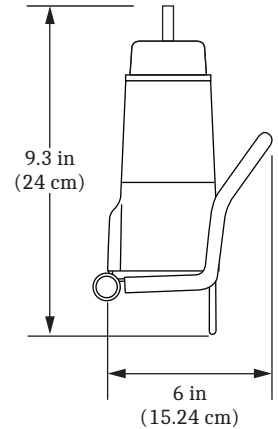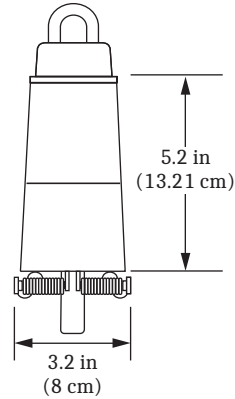# AR360
# Installation Instructions

Before installation, read and understand all instructions in their entirety. For assistance, please contact Customer Service at 1-847-362-8304 or by email at infolz@selinc.com.
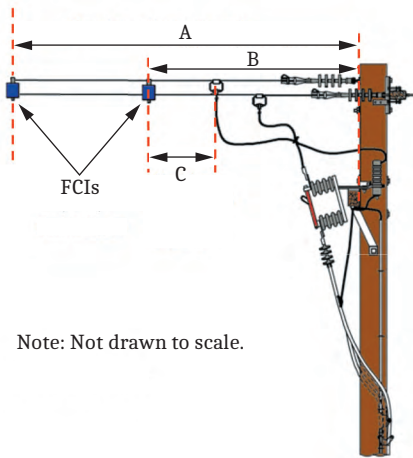
⚠ **CAUTION**

Install in accordance with normal safe operating practices. These instructions are not intended to replace or supersede existing safety or operating requirements. Only trained qualified personnel should install or operate fault indicators and sensors.

**Note:** The AR360 must detect a minimum voltage field for normal operation. Therefore, install the AR360 units at least 2 ft from other line or pole hardware when applying these units on phase-to-phase system voltages of 7.2 kV or less. In addition, be certain not to install any AR360 units in such a way as to reduce the insulating air gap between the product surface and any other conductor sufficiently to initiate a flashover.

To ensure optimum FCI function, it is best to follow the FCI distance-to-pole recommendations shown in *Figure 1*.



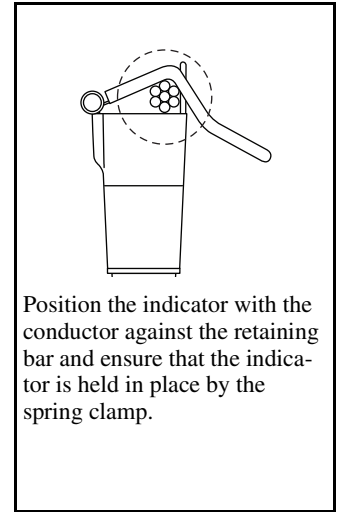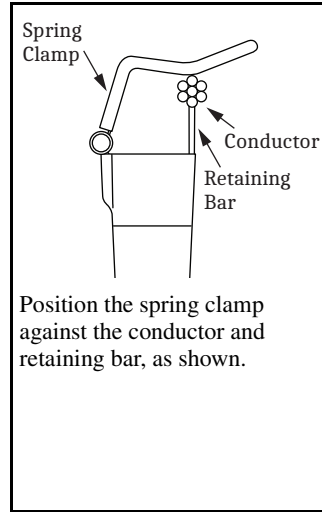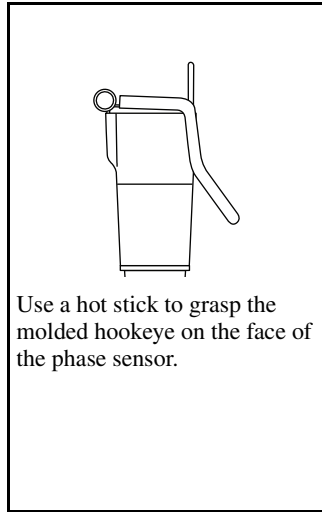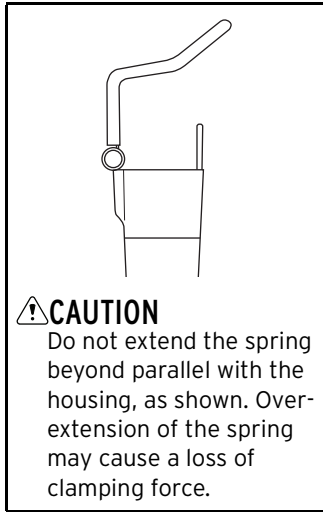Reference A: Maximum recommended distance from pole of 6 feet.

Reference B: Minimum distance from pole of 3 feet.

Reference C: Minimum distance from energized hardware of 2 feet.

**Figure 1**

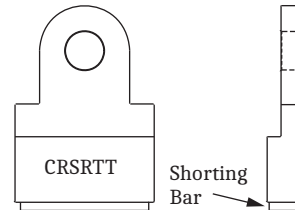**SCHWEITZER ENGINEERING LABORATORIES, INC.**
2350 NE Hopkins Court • Pullman, WA 99163-5603 U.S.A.
Phone: +1.509.332.1890 • Fax: +1.509.332.7990
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# AR360
# Installation Instructions

## Install the Phase Sensor(s)



**⚠CAUTION**
Do not extend the spring beyond parallel with the housing, as shown. Over-extension of the spring may cause a loss of clamping force.



Use a hot stick to grasp the molded hookeye on the face of the phase sensor.



Spring Clamp
Conductor
Retaining Bar

Position the spring clamp against the conductor and retaining bar, as shown.



Position the indicator with the conductor against the retaining bar and ensure that the indicator is held in place by the spring clamp.

## Test Activation and Clearing

1. Remove the shorting bar from the CRSRTT.
2. Place the exposed magnet directly against the product number **AR360** on the label, holding the tool parallel to the label.
3. Hold the tool against the logo for 6 to 8 seconds.
4. Remove the CRSRTT tool. The AR360 will cycle the flash sequence to demonstrate its activation.
5. Replace the CRSRTT shorting bar for storage.



CRSRTT
Shorting Bar

Flash Sequence:

- Red and yellow LEDs repeat the permanent fault sequence for 40 seconds.
- Yellow LEDs repeat single-flash sequences for 20 seconds.
- The unit turns off automatically.

**Note:** To remove the fault indicator from the conductor, use an insulated hot stick to grasp the indicator at the molded hookeye on the face of the indicator. Start pulling the AR360 off until you feel resistance between the spring clamp and the conductor. Then complete the removal process by applying a twisting motion to the hot stick.

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