

# SAFE-T-TRIP INSTRUCTIONS

**SAFE-T-TRIP® offers the following benefits:**

1. Safely trip (open) a breaker while standing off to the side.
2. Enables trip unit to perform Sluggish Breaker™ Detection (trip unit records breaker mechanism time). See trip unit manuals for details.

## Operating Instructions

1. Plug cable into USB connector on URC trip unit. Support cable with magnetic cable wrap to avoid strain on connector.
2. Step away from breaker.
3. Push "ON" button.
4. When "Ready" LED is solidly on, simultaneously push both "Trip" buttons.
5. Trip unit will trip breaker.
6. Push "OFF" button when finished. SAFE-T-TRIP™ will automatically power off after 5 minutes.

## Troubleshooting

If "Battery OK" LED does not turn on, check/replace battery with a fresh 9V Lithium battery.

If "Ready" LED does not turn on, check USB connections and cable lengths. SAFE-T-TRIP will work with its attached 30-foot cable and an additional 6-foot extension cable.

If "Ready" LED blinks, see the LED blink codes below:

- 1 blink = Internal error. Contact URC.
- 2 blinks = Actuator voltage low. Contact URC.
- 3 blinks = Actuator open circuit. Check actuator connection at trip unit and breaker and repair.

**AC-PRO-II Sluggish Breaker® Detection** (see trip unit manuals for details):

1. If a breaker limit switch is wired into the trip unit, confirm Breaker contact setting is set to 52a or 52b, as appropriate.
2. If a breaker limit switch is NOT wired into the trip unit, confirm Breaker contact setting is set to OFF. Current must be greater than 10% of CT rating for Sluggish Breaker Detection to detect change in current waveform.

For latest version of these Instructions,  
and for Trip unit manuals, visit:

[http://www.utilityrelay.com/Side\\_Bar/  
Instruction\\_Manuals.html](http://www.utilityrelay.com/Side_Bar/Instruction_Manuals.html)

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