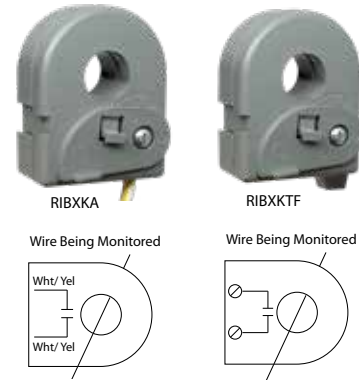
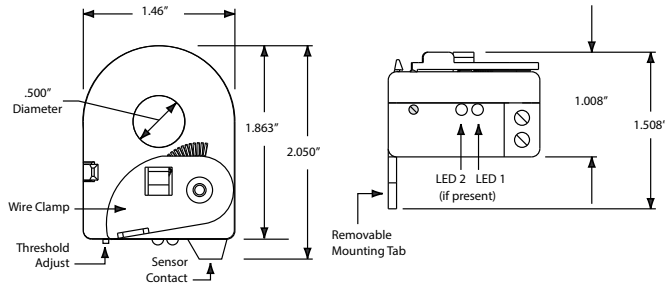


## AC CURRENT SWITCHES

### RIBXK Series

Current Switches, Solid Core, Fixed or Adjustable, Up to 150 Amps Sensing Range, Terminal Strip or Wire Lead Output



CURRENT  
SENSORS

### SPECIFICATIONS

**Operating Temperature:** -30 to 140° F

**Humidity Range:** 5 to 95% (noncondensing)

**Max Sense Voltage:** 600 Vac

**Approvals:** UL Listed, C-UL, CE, RoH, UL916, S (All models)

UL864, California State Fire Marshal (RIBXKTF, RIBXKTA)

**Mounting/Installation:** Removable mounting tab provided. The wire clamp locks against the wire being monitored, securing the unit in place.

**Sensor Contact Output:** Current below threshold: Open ; Current above threshold: Closed

**Origin:** Made of US and non-US parts

#### Sensor Contact:

• Solid State Contact

• When sensor contact is off (open), leakage  
<30 uA @ 30Vac/dc

• When sensor contact is on (closed), voltage drop  
< .3 Vac/dc @ .1 Amp  
< 1.6 Vac/dc @ .4 Amp

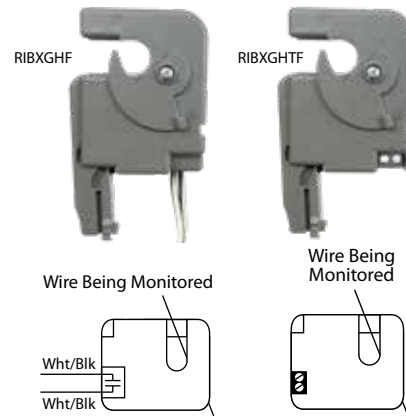
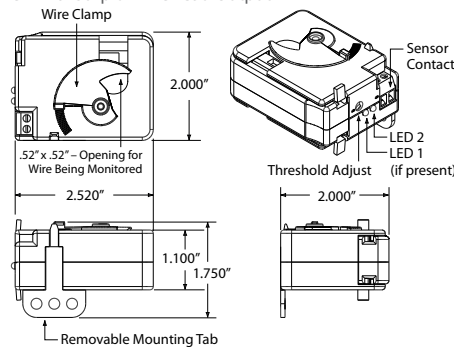
### RIBXK SERIES SELECTION GUIDE

| Model#    | Sensing Range | Type       | Threshold      | Sensor Contact Type     | Switching Voltage Range | Maximum Switching Current | Sensor Contact Termination              | LED 1           | LED 2            |
|-----------|---------------|------------|----------------|-------------------------|-------------------------|---------------------------|-----------------------------------------|-----------------|------------------|
| RIBXKF    | .25-150 Amp   | Solid Core | Fixed, .25 Amp | Solid State Switch SPST | 30 Vac/dc               | .4 Amps Max               | Wht/Yel 16" 18 AWG Wire Leads           |                 |                  |
| RIBXKTF   | .25-150 Amp   | Solid Core | Fixed, .25 Amp | Solid State Switch SPST | 30 Vac/dc               | .4 Amps Max               | Terminal Strip, Accepts #14-22 AWG Wire |                 |                  |
| RIBXKA    | .50-150 Amp   | Solid Core | Adjustable     | Solid State Switch SPST | 30 Vac/dc               | .8 Amps Max               | Wht/Yel 16" 18 AWG Wire Leads           | Over Trip Point | Under Trip Point |
| RIBXKTA   | .50-150 Amp   | Solid Core | Adjustable     | Solid State Switch SPST | 30 Vac/dc               | .8 Amps Max               | Terminal Strip, Accepts #14-22 AWG Wire | Over Trip Point | Under Trip Point |
| RIBXKNUTA | .2-150 Amp    | Solid Core | Adjustable     | Solid State Switch SPST | 30 Vac/dc               | 1 Amp Max                 | Terminal Strip, Accepts #14-22 AWG Wire | Over Trip Point | Under Trip Point |

## AC CURRENT SWITCHES

### RIBXGH Series

Current Switches, Split Core, Fixed or Adjustable, Up to 150 Amps Sensing Range, 120 Vac Switching Voltage, Terminal Strip or Wire Lead Output



### SPECIFICATIONS

**Operating Temperature:** -30 to 140° F

**Humidity Range:** 5 to 95% (noncondensing)

**\*Temperature Derating:** 1 Amp up to 50° C, 0.5 Amp up to 60° C

**Max Sense Voltage:** 600 Vac

**Sensor Contact Status:** Current below threshold: Open  
Current above threshold: Closed

**Origin:** Made of US and non-US parts

**Approvals:** UL Listed, UL916, C-UL, CE, RoHS

**Mounting/Installation:** Removable mounting tab provided. The wire clamp locks against the wire being monitored, securing the unit in place.

#### Notes:

- Use Sensor Contact to switch 120 Vac loads only.
- For testing purposes, Sensor Contact will measure approximately 250  $\Omega$  when closed and > 10 M $\Omega$  when open.
- The Sensor Contact is a Solid State Contact.

### RIBXGH SERIES SELECTION GUIDE

| Model#   | Sensing Range | Type       | Threshold      | Sensor Contact Type     | Switching Voltage Range | Maximum Switching Current | Sensor Contact Termination              | LED 1           | LED 2            |
|----------|---------------|------------|----------------|-------------------------|-------------------------|---------------------------|-----------------------------------------|-----------------|------------------|
| RIBXGHF  | .50-150 Amp   | Split Core | Fixed, .50 Amp | Solid State Switch SPST | 120 Vac Only*           | 1 Amp Max                 | Wht/Blk 16" 18 AWG Wire Leads           |                 |                  |
| RIBXGHTF | .50-150 Amp   | Split Core | Fixed, .50 Amp | Solid State Switch SPST | 120 Vac Only*           | 1 Amp Max                 | Terminal Strip, Accepts #14-22 AWG Wire |                 |                  |
| RIBXGHA  | .75-150 Amp   | Split Core | Adjustable     | Solid State Switch SPST | 120 Vac Only*           | 1 Amp Max                 | Wht/Blk 16" 18 AWG Wire Leads           | Over Trip Point | Under Trip Point |
| RIBXGHTA | .75-150 Amp   | Split Core | Adjustable     | Solid State Switch SPST | 120 Vac Only*           | 1 Amp Max                 | Terminal Strip, Accepts #14-22 AWG Wire | Over Trip Point | Under Trip Point |