

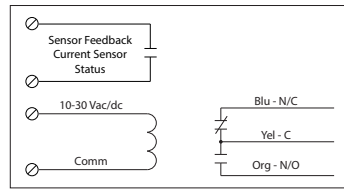
RELAY & AC CURRENT SWITCH COMBOS

RIBXLC Series

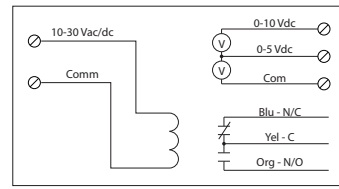
Current Switches or Transducers with Relay, 5 or 10 Amp SPDT, 10-30 Vac/dc Coil, Fixed, Adjustable, or Analog, Up to 150 Amps Sensing Range, Terminal Strip or Wire Lead Output



RIBXLC A, RIBXLC F, RIBXLC E A⁺

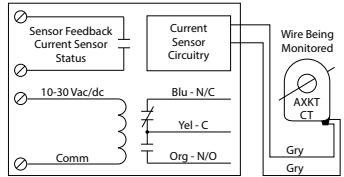


RIBXLC V, RIBXLC E V^Δ

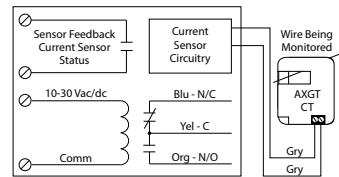


RIBXLC A

RIBXLC R A, RIBXLC R F⁺



RIBXLC J A, RIBXLC J F⁺



SPECIFICATIONS

Relays & Contact Type: One (1) SPDT Continuous Duty Coil
Expected Relay Life: 10 million cycles minimum mechanical
Operating Temperature: -30 to 140° F
Humidity Range: 5 to 95% (noncondensing)
Operate Time: 20ms
Relay Status: Red LED On = Activated
Dimensions: 4.00"H x 4.00"W x 1.81"D with 0.50" NPT nipple
Housing Detail: See **Housing C** in housing guide for dimensions
Origin: Made of US and non-US parts
Wire Length: 16", 600V Rated
Approvals: UL Listed, UL916, C-UL, CE, RoHS
 UL Accepted for Use in Plenum, NEMA 1
Housing Rating: Yes
Gold Flash: No
Override Switch:

Coil Current:
 33 mA @ 10 Vac
 35 mA @ 12 Vac
 46 mA @ 24 Vac
 55 mA @ 30 Vac
 13 mA @ 10 Vdc
 15 mA @ 12 Vdc
 18 mA @ 24 Vdc
 20 mA @ 30 Vdc
Coil Voltage Input:
 10-30 Vac/dc ; 50-60 Hz
 Drop Out = 2.1 Vac / 2.8 Vdc
 Pull In = 9 Vac / 10 Vdc

+ Sensor Contact:
 • When current sensor status is off (open), leakage <30 uA @ 30Vac/dc
 • When current sensor status is on (closed), voltage drop < .3 Vac/dc @ .1 Amp
 < 1.6 Vac/dc @ .4 Amp

Δ Sensor Feedback Output:
 • Voltage output is proportional to current sensor range.
 • Min. Input Impedance = 30K ohms
 • Accuracy +/- 3% full scale
 • Vripple < 10m Vac

Notes:
 • Models AXKT and AXGT CT remotes do not have contact closure circuitry and only work in conjunction with RIBXLCR and RIBXLCJ models, respectively.

RIBXLC SERIES SELECTION GUIDE

Model#	Sensing Range	Type *	Threshold	Sensor Output	Remote Style	Resistive	Contact Ratings
RIBXLCF ^{ECMs}	.50-10 Amps	Internal w/ contact status	Fixed, .50 Amp	Solid State Contact 30 Vac/dc, 0.4 Amp		10 Amp	10 Amp Resistive @ 120-277 Vac 10 Amp Resistive @ 28 Vdc 480 VA Pilot Duty @ 240-277 Vac 480 VA Ballast @ 277 Vac <i>Not rated for Electronic Ballast</i> 600 Watt Tungsten @ 120 Vac (N/O) 240 Watt Tungsten @ 120 Vac (N/C) 1/3 HP @ 120-240 Vac (N/O) 1/6 HP @ 120-240 Vac (N/C) 1/4 HP @ 277 Vac (N/O) 1/8 HP @ 277 Vac (N/C)
RIBXLC A ^{ECMs}	.50-10 Amps	Internal w/ contact status	Adjustable	Solid State Contact 30 Vac/dc, 0.4 Amp		10 Amp	
RIBXLCV	0-10 Amps	Internal w/ voltage output	Analog	0-5 Vdc 0-10 Vdc		10 Amp	
RIBXLCRF ^{ECMs}	.25-150 Amps	External w/ contact status	Fixed, 1.25 Amp	Solid State Contact 30 Vac/dc, 0.4 Amp	Model AXKT: (Solid Core Remote CT)	10 Amp	
RIBXLCRA ^{ECMs}	.25-150 Amps	External w/ contact status	Adjustable	Solid State Contact 30 Vac/dc, 0.4 Amp	Model AXKT: (Solid Core Remote CT)	10 Amp	
RIBXLCJF ^{ECMs}	3-150 Amps	External w/ contact status	Fixed, 3 Amp	Solid State Contact 30 Vac/dc, 0.4 Amp	Model AXGT: (Split Core Remote CT)	10 Amp	
RIBXLCJA ^{ECMs}	3-150 Amps	External w/ contact status	Adjustable	Solid State Contact 30 Vac/dc, 0.4 Amp	Model AXGT: (Split Core Remote CT)	10 Amp	
RIBXLC E A	.125-5 Amps	Internal w/ contact status	Adjustable	Solid State Contact 30 Vac/dc, 0.4 Amp		5 Amp	5 Amp Resistive @ 277 Vac 345 VA Pilot Duty @ 120/240 Vac (N/O) 268 VA Pilot Duty @ 277 Vac (N/O) 211 VA Pilot Duty @ 120/240 Vac (N/C) 175 VA Pilot Duty @ 277 Vac (N/C) 1/3 HP @ 120-240 Vac (N/O) 1/6 HP @ 120-240 Vac (N/C) 1/4 HP @ 277 Vac (N/O) 1/8 HP @ 277 Vac (N/C)
RIBXLC E V	0-5 Amps	Internal w/ voltage output	Analog	0-5 Vdc 0-10 Vdc		5 Amp	

* = Internal current sensor monitors current through common contact of relay.