

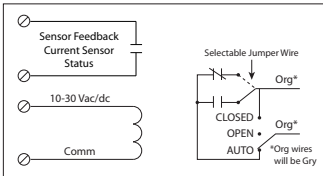
RELAY & AC CURRENT SWITCH COMBOS

RIBXLS Series

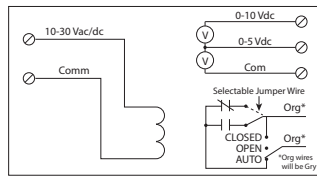
Current Switches or Transducers with Relay, 5 or 10 Amp SPST + Override, 10-30 Vac/dc Coil, Fixed, Adjustable, or Analog, Up to 150 Amps Sensing Range, Terminal Strip or Wire Lead Output



RIBXLSA, RIBXLSF, (RIBXLSA*)+

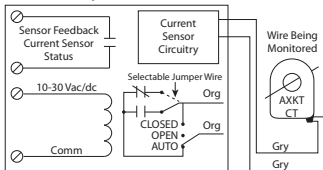


RIBXLSV, (RIBXLSV*)^

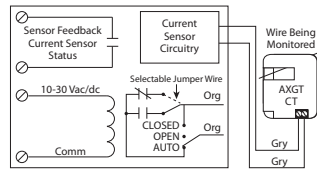


RIBXLSA

RIBXLSRA, RIBXLSRF+



RIBXLSJA, RIBXLSJF+



SPECIFICATIONS

Relays & Contact Type: One (1) SPST 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

Housing Rating: UL Accepted for Use in Plenum, NEMA 1

Gold Flash: Yes

Override Switch: Yes

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

^ Sensor Feedback Output:

• Voltage output is proportional to current sensor range.

• Min. Input Impedance = 30K ohms

• Accuracy +/- 3% full scale

• Ripple < 10m Vac

Notes:

• Normally Open or Normally Closed selected by yellow jumper wire
 • Models AXKT and AXGT CT remotes do not have contact closure circuitry and only work in conjunction with RIBXLSR and RIBXLSJ models, respectively.

RIBXLS SERIES SELECTION GUIDE

Model#	Sensing Range	Type *	Threshold	Sensor Output	Remote Style	Resistive	Contact Ratings
RIBXLSF 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 @ 277 Vac 480 VA Pilot Duty @ 277 Vac 480 VA Ballast @ 277 Vac
RIBXLSA ECMs	.50-10 Amps	Internal w/ contact status	Adjustable	Solid State Contact 30 Vac/dc, 0.4 Amp		10 Amp	<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)
RIBXLSV	0-10 Amps	Internal w/ voltage output	Analog	0-5 Vdc 0-10 Vdc		10 Amp	
RIBXLSRF ECMs	1.25-150 Amps	External w/ contact status	Fixed, 1.25 Amp	Solid State Contact 30 Vac/dc, 0.4 Amp	Model AXKT: (Solid Core Remote)	10 Amp	
RIBXLSRA ECMs	1.25-150 Amps	External w/ contact status	Adjustable	Solid State Contact 30 Vac/dc, 0.4 Amp	Model AXKT: (Solid Core Remote)	10 Amp	
RIBXLSJF 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)	10 Amp	
RIBXLSJA ECMs	3-150 Amps	External w/ contact status	Adjustable	Solid State Contact 30 Vac/dc, 0.4 Amp	Model AXGT: (Split Core Remote)	10 Amp	
RIBXLSA	.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)
RIBXLSV	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.