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c UL us LISTED

MADE IN USA

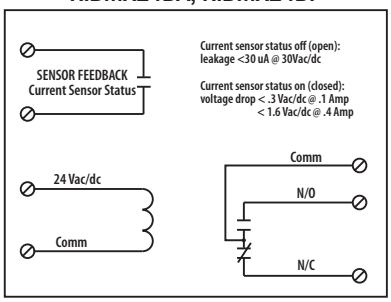
RoHS

Relay & Current Sensor Combos

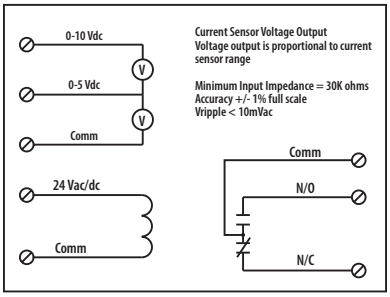
RIBMX24 Series

4.00˝ Track Mount 20 Amp Relay/Current Sensor Combinations, with 24 Vac/dc Coil

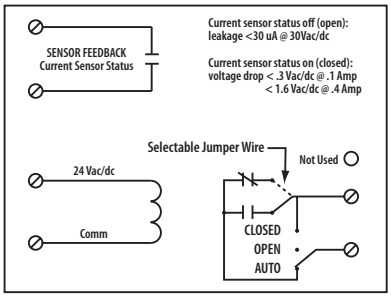
RIBMX24BA, RIBMX24BF



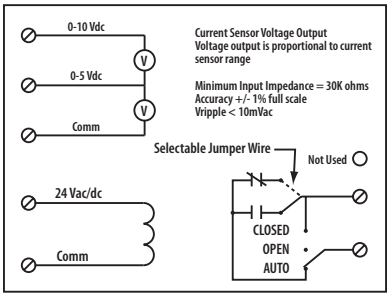
RIBMX24BV



RIBMX24SBA, RIBMX24SBF



RIBMX24SBV



SPECIFICATIONS

Expected Relay Life: 10 million cycles minimum mechanical
Operating Temperature: -30 to 140° F
Operate Time: 18mS
Relay Status: Red LED On = Activated
Dimensions: 2.95˝ x 4.00˝ x 1.25˝
Track Mount: 4.000˝, See MT4 Series on page 134
MT4 Mounting Track Sold Separately
Approvals: UL Listed, UL916, UL864, C-UL
California State Fire Marshal, CE, RoHS
Gold Flash: No

Coil Current:	Coil Voltage Input:
50 mA @ 18 Vac	24 Vac/dc ; 50-60 Hz
83 mA @ 24 Vac	Drop Out = 3 Vac / 3.8 Vdc
33 mA @ 22 Vdc	Pull In = 18 Vac / 22 Vdc
35 mA @ 24 Vdc	
47 mA @ 30 Vdc	

RIBMX24 Series Selection Guide

	CURRENT SENSOR				RELAY				
MODEL #	RANGE	TYPE	THRESHOLD	OUTPUT	RESISTIVE	OVERRIDE SWITCH	CONTACT TYPE	CONTACT RATINGS	NOTES
RIBMX24BF	.50-20 Amps	Internal w/ contact status	Fixed, .50 Amp	Solid State Contact 30 Vac/dc, 0.4 Amp	20 Amp	No	SPDT	20 Amp Resistive @ 277 Vac 20 Amp Ballast @ 277 Vac N/O 10 Amp Ballast @ 277 Vac N/C 10 Amp Tungsten @ 120 Vac N/O 1,110 VA Pilot Duty @ 277 Vac 770 VA Pilot Duty @ 120 Vac 240 Watt Tunsgten @ 120 Vac N/C 2 HP @ 277 Vac 1 HP @ 120 Vac	
RIBMX24BA	.50-20 Amps	Internal w/ contact status	Adjustable	Solid State Contact 30 Vac/dc, 0.4 Amp	20 Amp	No	SPDT		
RIBMX24BV	0-20 Amps	Internal w/ voltage output	Analog	0-5 Vdc 0-10 Vdc	20 Amp	No	SPDT		
RIBMX24SBF	.50-20 Amps	Internal w/ contact status	Fixed, .50 Amp	Solid State Contact 30 Vac/dc, 0.4 Amp	20 Amp	Yes	SPST		Normally Open or Normally Closed selected by yellow jumper wire Order with Momentary Override Switch by adding "-MNO" to end of model number
RIBMX24SBA	.50-20 Amps	Internal w/ contact status	Adjustable	Solid State Contact 30 Vac/dc, 0.4 Amp	20 Amp	Yes	SPST		
RIBMX24SBV	0-20 Amps	Internal w/ voltage output	Analog	0-5 Vdc 0-10 Vdc	20 Amp	Yes	SPST		