

POWER RELAYS: 20–30 AMPS

Enclosed | T Style | Track Mount



Made in the U.S.A.
Meets the "Buy American" provisions of Section 1605 of the American Recovery and Reinvestment Act of 2009 (ARRA).

ENCLOSED POWER RELAYS

MODEL #	UL	COIL VOLTAGE		RELAYS	CONTACTS	OVERRIDE SWITCH	NOTES	SPEC PAGE
		AC/DC	AC					
RIB2401B	•	24	120	1	SPDT			24
RIB2402B	•	24	208-277	1	SPDT			24
RIB2401SB	•	24	120	1	SPST	1		25
RIB2402SB	•	24	208-277	1	SPST	1		25
RIB2421B	•	24	120/208-277	1	SPDT			25
RIB2421SB	•	24	120/208-277	1	SPST	1		25
RIB01P	•		120	1	DPDT			26
RIB02P	•		208-277	1	DPDT			27
RIB347P	•		347	1	DPDT		NEW	27
RIB04P	•		480	1	DPDT			28
RIB2401SBC	•	24	120	1	SPDT	2 ¹		26
RIB2402SBC	•	24	208-277	1	SPDT	2 ¹		26
RIB243P	• 3	24		1	3PST			28
RIB013P	•		120	1	3PST			29
RIB023P	•		208-277	1	3PST			29
RIB043P	•		480	1	3PST			30
RIB24Z	•	24		1	1 SPST N/O, 1 SPST N/C			30
RIB12P	•	12		1	DPDT			31
RIB12P30	•	12		1	DPDT			31
RIB24P	•	24		1	DPDT			31
RIB24P30	•	24		1	DPDT			31
RIB01P30	•		120	1	DPST			32
RIB01P30-S	•		120	1	DPST	1		32
RIB02P30	•		208-277	1	DPST			32

T STYLE POWER RELAYS

MODEL #	UL	COIL VOLTAGE		RELAYS	CONTACTS	OVERRIDE SWITCH	NOTES	SPEC PAGE
		AC/DC	AC					
RIBT24B	•	24		1	SPDT			33
RIBT2401B	•	24	120	1	SPDT			33
RIBTD2401B	•	24	120	1	SPDT		2	35
RIBT2402B	•	24	208-277	1	SPDT			33
RIBT242B	•	24		2	2 SPDT			36
RIBT243B	• 3	24		3	2 SPST, 1 SPDT			36
RIBT24SB	•	24		1	SPST	1		33
RIBT2401SB	•	24	120	1	SPST	1		34
RIBT2402SB	•	24	208-277	1	SPST	1		34
RIBT2401SBC	•	24	120	1	SPDT	2 ¹		34
RIBT2402SBC	•	24	208-277	1	SPDT	2 ¹		34
RIBT24P	•	24		1	DPDT			36
RIBT24Z	•	24		1	1 SPST N/O, 1 SPST N/C			37
RIBT243P	• 3	24		1	3PST			37

UL = UL Listed : UL916 Energy Management, UL864 Fire ; USA & Canada

1 = SPDT with override requires 2 switches

2 = Time Delay

3 = UL Listed : UL916 Energy Management ; USA & Canada

TRACK MOUNT POWER RELAYS

MODEL #	UL	COIL VOLTAGE		RELAYS	CONTACTS	OVERRIDE SWITCH	NOTES	SPEC PAGE
		AC/DC	AC					
RIBM2401B	•	24	120	1	SPDT			38
RIBM2402B	•	24	208-277	1	SPDT			38
RIBM2401SB	•	24	120	1	SPST	1		38
RIBM2402SB	•	24	208-277	1	SPST	1		38
RIBM2401SBC	•	24	120	1	SPDT	2 ¹		39
RIBM2402SBC	•	24	208-277	1	SPDT	2 ¹		39
RIBM24ZN	UL	24		1	DPDT			39
RIBM24ZL	•	24		1	DPST			40
RIBM24ZL	•	24		1	DPST			40
RIBM243PN	UL	24		1	3PDT			41
RIBM013PN	UL		120	1	3PDT			41
RIBM023PN	UL		208-277	1	3PDT			42
RIBM043PN	UL		480	1	3PDT			42
RIBM043PN-HD	UL		480	1	3PDT			43

UL = UL Listed : UL916 Energy Management, UL864 Fire ; USA & Canada

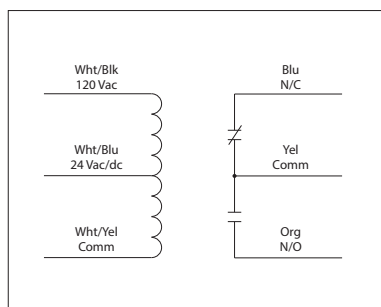
¹ = SPDT with override requires 2 switches

UL = UL Component Recognized : UL916 Energy Management; USA & Canada

20 AMP POWER CONTROL RELAYS

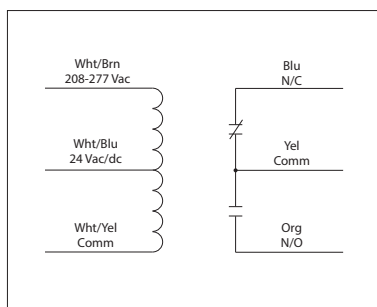
RIB2401B

Enclosed Relay 20 Amp SPDT with
24 Vac/dc/**120 Vac Coil**



RIB2402B

Enclosed Relay 20 Amp SPDT with
24 Vac/dc/**208-277 Vac Coil**



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: 18ms
Relay Status: LED On = Activated
Dimensions: 2.30" x 3.20" x 1.80" with .50" NPT Nipple
Wires: 16", 600V Rated
Approvals: UL Listed, UL916, UL864, C-UL
 California State Fire Marshal, CE, RoHS
Housing Rating: UL Accepted for Use in Plenum, NEMA 1
Gold Flash: No
Override Switch: No

Contact Ratings:
 20 Amp Resistive @ 277 Vac
 5 Amp Resistive @ 480 Vac
 20 Amp Ballast @ 277 Vac
 16 Amp Electronic Ballast @ 277 Vac (N/O)
 10 Amp Tungsten @ 120 Vac (N/O)
 770 VA Pilot Duty @ 120 Vac
 1,110 VA Pilot Duty @ 277 Vac
 2 HP @ 277 Vac
 1 HP @ 120 Vac

Coil Current:
 50 mA @ 18 Vac
 83 mA @ 24 Vac
 47 mA @ 120 Vac (RIB2401B)
 69 mA @ 208-277 Vac (RIB2402B)
 33 mA @ 22 Vdc
 35 mA @ 24 Vdc
 47 mA @ 30 Vdc

Coil Voltage Input:
 24 Vac/dc ; 120 Vac ; 50-60 Hz (RIB2401B)
 24 Vac/dc ; 208-277 Vac ; 50-60 Hz (RIB2402B)
 Drop Out = 2.1 Vac / 3.8 Vdc
 Pull In = 18 Vac / 22 Vdc