



Low-Input / Optoisolated Relays

The Low-Input Optoisolated Series of RIB® Relays offers the features of regular RIB® Relays with the added benefit of extremely low current draw on the input. This means you can operate a 10 to 20 Amp relay from a controller (or other device) that cannot source the typical amount of current required to operate a relay. Low-Input Optoisolated Series RIB® Relays require a separate constant power-source input, but this can be a local 120, 208, 240, or 277 Vac power source (depending on model.) Many models may also be powered from 10-30 Vac/dc or 24 Vac/dc. The control input is separate and only draws 0.4 mA @ 5 Vdc or 3 mA @ 24 Vac (see specifications for details.) The control input can be connected to an analog-out (AO), Digital Out (DO), or other low power signal to control the relay. The AO can be run to bottom-scale to turn the relay off and top-scale to turn the relay on. The optoisolation is also useful if there is a need to protect a controller from a potential feedback or voltage transients. The Low-Input RIB® Relays are available in T Style and Track Mount models.



Enclosed Low-Input/Optoisolated Relays

Quick Reference Chart. For Details See Spec Page.

MODEL	CONTROL INPUT	POWER INPUT	RELAYS	CONTACTS	CONTACT RATINGS				PILOT DUTY	OVERRIDE SWITCH	GOLD FLASH	NOTES	SPEC PAGE
					RESISTIVE	MOTOR	BALLAST	TUNGSTEN					
RIBTELC	5-25 Vac/dc	10-30 Vac/dc	1	SPDT	10 A	1/3 HP	480 VA	600 W	480 VA		•	^	50
RIBTELS	5-25 Vac/dc	10-30 Vac/dc	1	SPST	10 A	1/3 HP	480 VA	600 W	480 VA	1	•	^	50
RIBTE24B	5-25 Vac/dc	24 Vac/dc	1	SPDT	20 A	2 HP	20 A	1200 W	1110 VA			^	50
RIBTE01B	5-25 Vac/dc	120 Vac	1	SPDT	20 A	2 HP	20 A	1200 W	1110 VA			*	51
RIBTE02B	5-25 Vac/dc	208-277 Vac	1	SPDT	20 A	2 HP	20 A	1200 W	1110 VA			*	51
RIBTE24SB	5-25 Vac/dc	24 Vac/dc	1	SPST	20 A	2 HP	20 A	1200 W	1110 VA	1		^	51
RIBTE01SB	5-25 Vac/dc	120 Vac	1	SPST	20 A	2 HP	20 A	1200 W	1110 VA	1		*	52
RIBTE02SB	5-25 Vac/dc	208-277 Vac	1	SPST	20 A	2 HP	20 A	1200 W	1110 VA	1		*	52
RIBTE24P	5-25 Vac/dc	24 Vac/dc	1	DPDT	20 A	3 HP	20 A		1640 VA		•	^	52
RIBTE01P	5-25 Vac/dc	120 Vac	1	DPDT	20 A	3 HP	20 A		1640 VA		•	*	53
RIBTE02P	5-25 Vac/dc	208-277 Vac	1	DPDT	20 A	3 HP	20 A		1640 VA		•	*	53

Track Mount Low-Input/Optoisolated Relays

Quick Reference Chart. For Details See Spec Page.

MODEL #	CONTROL INPUT	POWER INPUT	RELAYS	CONTACTS	CONTACT RATINGS				PILOT DUTY	OVERRIDE SWITCH	GOLD FLASH	NOTES	SPEC PAGE
					RESISTIVE	MOTOR	BALLAST	TUNGSTEN					
RIBME2401B	5-25 Vac/dc	24 Vac/dc/120 Vac	1	SPDT	20 A	2 HP	20 A	1200 W	1100 VA			* ^	53
RIBME2402B	5-25 Vac/dc	24 Vac/dc/208-277 Vac	1	SPDT	20 A	2 HP	20 A	1200 W	1100 VA			* ^	54
RIBME2401SB	5-25 Vac/dc	24 Vac/dc/120 Vac	1	SPST	20 A	2 HP	20 A	1200 W	1110 VA	1		* ^	54
RIBME2402SB	5-25 Vac/dc	24 Vac/dc/208-277 Vac	1	SPST	20 A	2 HP	20 A	1200 W	1110 VA	1		* ^	54
RIBME2401P	5-25 Vac/dc	24 Vac/dc/120 Vac	1	DPST	20 A	3 HP	20 A		1640 VA		•	* ^	55
RIBME2402P	5-25 Vac/dc	24 Vac/dc/208-277 Vac	1	DPST	20 A	3 HP	20 A		1640 VA		•	* ^	55

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

* = See Application Note 13 on page 155

^ = See Application Note 14 on page 155

