



RE-RIB (Enclosed Dry Contact Relay) Series

Enclosed Dry Contact Relay



Overview

Enclosed Class 2 Dry Contact Input Relays

Model Selection

Model #	UL	Power Input	Contacts			Operate Time	Dimensions	Override Switch
			Form	Rating	NO / NC			
RE-RIB21CDC	• ¹	120-277 Vac 50 mA @ 240 Vac Max.	SPDT	Type 1	NO & NC	6ms	1.70" x 2.80" x 1.50" with .50" NPT Nipple	
RE-RIB01BDC	• ¹	42 mA @ 120 Vac	SPDT	Type 2	NO & NC	18ms	2.30" x 3.20" x 1.80" with .50" NPT Nipple	
RE-RIB02BDC	• ¹	62 mA @ 208-277 Vac	SPDT	Type 2	NO & NC	18ms	2.30" x 3.20" x 1.80" with .50" NPT Nipple	
RE-RIB01SBDC	• ²	42 mA @ 120 Vac	SPST	Type 3	NO	18ms	2.30" x 3.20" x 1.80" with .50" NPT Nipple	1
RE-RIB01SBDC-NC	• ²	42 mA @ 120 Vac	SPST	Type 3	NC	18ms	2.30" x 3.20" x 1.80" with .50" NPT Nipple	1
RE-RIB02SBDC	• ²	62 mA @ 208-277 Vac	SPST	Type 3	NO	18ms	2.30" x 3.20" x 1.80" with .50" NPT Nipple	1
RE-RIB02SBDC-NC	• ²	62 mA @ 208-277 Vac	SPST	Type 3	NC	18ms	2.30" x 3.20" x 1.80" with .50" NPT Nipple	1
RE-RIB01SBCDC	• ²	42 mA @ 120 Vac	SPDT	Type 4	NO & NC	18ms	2.30" x 3.20" x 1.80" with .50" NPT Nipple	2
RE-RIB02SBCDC	• ²	62 mA @ 208-277 Vac	SPDT	Type 4	NO & NC	18ms	2.30" x 3.20" x 1.80" with .50" NPT Nipple	2

1. UL Listed, UL916, C-UL, California State Fire Marshal, CE, RoHS.

2. UL Listed, UL916, C-UL, CE, RoHS

Note: Dry Contact Input Operation: Close White/Red wire to White/Blue wire to activate relay. If more than one dry contact Relay shares a single dry contact input, White/Blue must be common.

Product Specifications

Relay Coil	Continuous Duty Coil
Expected Relay Life	10 million cycles minimum mechanical
Operating Temperature	-30 to 140° F
Humidity Range	5 to 95% (noncondensing)
Relay Status	Red LED On = Activated
Dimensions	4.00" x 4.00" x 1.80" with .50" NPT nipple
Wires	16", 600V Rated
Approvals	UL Listed, UL96, C-UL, CE, RoHS (see table below)
Housing Rating	UL Accepted for Use in Plenum, NEMA 1
Gold Flash	No
Number of Relays	1

Contact Ratings

Type 1 Contact(s):

- 10 Amp General Use @ 277 Vac
- 10 Amp Resistive @ 30 Vdc (N/O)
- 7 Amp Resistive @ 30 Vdc (N/C)
- 1/2 HP @ 125 Vac
- 1 HP @ 250 Vac
- 1/4 HP @ 277 Vac
- 470 VA Pilot Duty @ 125 Vac
- 770 VA Pilot Duty @ 250 Vac

Type 2 Contact(s):

- 20 Amp Resistive @ 277 Vac
- 1110 VA Pilot Duty @ 277 Vac
- 770 VA Pilot Duty @ 120 Vac
- 20 Amp Ballast @ 277 Vac
- 16 Amp Electronic Ballast @ 277 Vac (N/O)
- 10 Amp Tungsten @ 120 Vac (N/O)
- 240 Watt Tungsten @ 120 Vac (N/C)
- 2 HP @ 277 Vac
- 1 HP @ 120 Vac

Type 3 Contact(s):

- 20 Amp Resistive @ 277 Vac
- 1110 VA Pilot Duty @ 277 Vac
- 770 VA Pilot Duty @ 120 Vac
- 20 Amp Ballast¹ @ 277 Vac (N/O)
- 10 Amp Ballast¹ @ 277 Vac (N/C)
- 10 Amp Tungsten @ 120 Vac (N/O)
- 240 Watt Tungsten @ 120 Vac (N/C)
- 2 HP @ 277 Vac
- 1 HP @ 120 Vac

Type 4 Contact(s):

- _____ 20 Amp Resistive @ 277 Vac
- _____ 20 Amp Ballast¹ @ 277 Vac
- _____ 10 Amp Tungsten @ 120 Vac
- _____ 770 VA Pilot Duty @ 120 Vac
- _____ 1,110 VA Pilot Duty @ 277 Vac
- _____ 2 HP @ 277 Vac
- _____ 1 HP @ 120 Vac

1. Not rated for Electronic Ballast

Specifications subject to change without notice.
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