



RE-RIBL12 & RE-RIBL24 Series

Enclosed Latching Relay



Overview

Enclosed Mechanically Latching Relay 20 Amp
SPST with 12 VAC/dc Coil

Model Selection

Model #	UL	Coil Voltage AC/DC	Coil Current	Latch / Unlatch Voltage	Relays	Dimensions	Override Switch	Status LED and Auxillary Output ¹	Notes
RE-RIBL12B	•	12	Type 1	Min. 10 Vdc / 11 Vac	1	1.70" x 2.80" x 1.50" with .50" NPT Nipple			
RE-RIBL12B-RD	•	12	Type 1	Min. 10 Vdc / 11 Vac	1	1.70" x 2.80" x 1.50" with .50" NPT Nipple			Red housing
RE-RIBL12B-N4	•	12	Type 1	Min. 10 Vdc / 11 Vac	1	1.70" x 2.80" x 1.50" with .50" NPT Nipple			NEMA 4X housing
RE-RIBL12BM	•	12	Type 1	Min. 10 Vdc / 11 Vac	1	2.30" x 3.20" x 1.80" with .50" NPT Nipple		•	
RE-RIBL12SB	•	12	Type 1	Min. 10 Vdc / 11 Vac	1	1.70" x 2.80" x 1.50" with .50" NPT Nipple	•		
RE-RIBL12SBM	•	12	Type 1	Min. 10 Vdc / 11 Vac	1	2.30" x 3.20" x 1.80" with .50" NPT Nipple	•	•	
RE-RIBL24B	•	24	Type 2	Min. 20 Vdc / 22 Vac	1	1.70" x 2.80" x 1.50" with .50" NPT Nipple			
RE-RIBL24B	•	24	Type 2	Min. 20 Vdc / 22 Vac	1	1.70" x 2.80" x 1.50" with .50" NPT Nipple			Red housing
RE-RIBL24B	•	24	Type 2	Min. 20 Vdc / 22 Vac	1	1.70" x 2.80" x 1.50" with .50" NPT Nipple			NEMA 4X housing
RE-RIBL24BM	•	24	Type 2	Min. 20 Vdc / 22 Vac	1	2.30" x 3.20" x 1.80" with .50" NPT Nipple		•	
RE-RIBL24SB	•	24	Type 2	Min. 20 Vdc / 22 Vac	1	1.70" x 2.80" x 1.50" with .50" NPT Nipple	•		
RE-RIBL24SBM	•	24	Type 2	Min. 20 Vdc / 22 Vac	1	2.30" x 3.20" x 1.80" with .50" NPT Nipple	•	•	

1. Auxiliary contact and status LED activate when 120-277 Vac is applied between Load (Org) wire and Load Neutral (Wht/Blk) wire.

Notes:

- Application of voltage on latch coil (Wht/Blu & Wht/Yel) will close the contact.
- Application of voltage on unlatch coil (Wht/Red & Wht/Yel) will open the contact.

Product Specifications

Relay Coil	Latching Relay, Dual Coil
Expected Relay Life	1 million cycles minimum mechanical
Operating Temperature	-30 to 140° F
Humidity Range	5 to 95% (noncondensing)
Operate Time	50ms
Maximum Pulse Length	30 seconds
Relay Status / Auxiliary Contact Closed (see table below)	LED On = Voltage Detected on Load Wire ¹
Wires	16", 600V Rated
Approvals	UL Listed, UL60947, C-UL, CE, RoHS
Housing Rating	UL Accepted for Use in Plenum, NEMA 1
AC Coil Frequency	50/60Hz
Contacts, Form	SPST
Contact Ratings:	
<input type="checkbox"/>	20 Amp Resistive @ 120-277 Vac
<input type="checkbox"/>	20 Amp Ballast @ 120-277 Vac
<input type="checkbox"/>	16 Amp Electronic Ballast @ 120-277 Vac
<input type="checkbox"/>	5540 Watt Tungsten @ 277 Vac
<input type="checkbox"/>	20 Amp Tungsten @ 277 Vac
<input type="checkbox"/>	720 VA Pilot Duty @ 120-277 Vac
<input type="checkbox"/>	2 HP @ 277 Vac
<input type="checkbox"/>	3 HP @ 240 Vac
<input type="checkbox"/>	1.5 HP @ 120 Vac
Auxiliary Contact	3 Amp @ 30 Vac/dc max., NO

Coil Current

Type 1 Relay Coil(s):

<input type="checkbox"/>	182 mA @ 10 Vac
<input type="checkbox"/>	250 mA @ 12 Vac
<input type="checkbox"/>	165 mA @ 10 Vdc
<input type="checkbox"/>	198 mA @ 12 Vdc
<input type="checkbox"/>	250 mA @ 15 Vdc

Type 2 Relay Coil(s):

<input type="checkbox"/>	175 mA @ 20 Vac
<input type="checkbox"/>	210 mA @ 24 Vac
<input type="checkbox"/>	92 mA @ 20 Vdc
<input type="checkbox"/>	110 mA @ 24 Vdc
<input type="checkbox"/>	138 mA @ 30 Vdc

Specifications subject to change without notice.
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