INSTALLATION INSTRUCTIONS
RBK Relay Module

- For non-sensitive relay modules, apply positive power to P+ and negative power (ground) to P-. Upon application of power, relay will transfer and LED will illuminate. Relay will de-activate upon removal of power.
- For sensitive trip relay modules, apply constant positive power to P+ and constant negative power (ground) to P-. When a trip signal (positive or negative, model dependent) is applied to the T terminal, the relay will transfer and LED will illuminate. The trip signal MUST be common grounded with the relay power ground. Relay will de-activate upon removal of either power or the trip signal.
- All relay modules feature two Form "C" relay contacts. See chart for contact current ratings.
- All relay modules have multiple operating voltages, where a jumper would be cut for use at a higher voltage. When cutting jumpers, W1 is a Red jumper and W2* is a Blue jumper. See chart for proper jumper cutting selection.
- Operating voltage ranges:
  - "6VDC" operates between 6VDC - 10VDC
  - "12VDC" operates between 10VDC - 16VDC
  - "24VDC" operates between 16VDC - 28VDC

Model Number	Contact Rating	Operating Voltage	Operating Current	Sensitive Trip Current	Compatible Snap Track
RBKS-124P	1A @ 30VDC 0.5A @ 120VAC	12VDC 24VDC (Cut W1)	25 mA	0.2 mA 3-48V Pos. trip	2TK2
RBKS-124N	1A @ 30VDC 0.5A @ 120VAC	12VDC 24VDC (Cut W1)	25 mA	0.2 mA Neg. trip	2TK2
RBK-124AC	1A @ 30VDC 0.5A @ 120VAC	12VAC/DC 24VAC/DC (Cut W2)	25 mA		2TK2
RBK-624	1A @ 30VDC 0.5A @ 120VAC	6VDC 12VDC (Cut W1) 24VDC (Cut W1 and W2)	25 mA		2TK2
RBK-5	5A @ 30VDC 5A @ 120VAC	12VDC 24VDC (Cut W1)	44 mA		2TK2
RBK-10	10A @ 30VDC 10A @ 120VAC	6VDC 12VDC (Cut W1) 24VDC (Cut W1 and W2)	88 mA		3TK2
RBKS-10	10A @ 30VDC 10A @ 120VAC	6VDC 12VDC (Cut W1) 24VDC (Cut W1 and W2)	88 mA	0.2 mA Pos. or Neg. trip	3TK2

Troubleshooting

Relay not activating?

- Check Operating Power
- Check W1 and W2
- Check Trip Signal
- Verify Relay Contact Integrity
- Call AlarmSaf

Dimensions

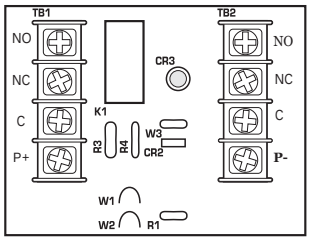
- RBK-624 and RBK-124 Versions:
  2.125"L x 2.75"W x 0.87"H
- RBK-5:
  1.875"L x 2.75"W x 1.00"H
- RBK-10 Versions:
  2.50"L x 3.25"W x 1.00"H

Notes:

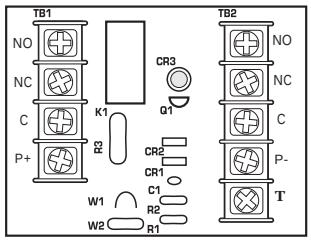
1. Contact protection should be considered when switching inductive loads.
2. Caution should be excercised when switching greater than 30 volts with these units.
3. Install in accordance with all applicable electrical codes.
4. P- refers to the common return for a positive voltage in all cases of DC activation or power.
5. All contact notation refers to the relay in an unpowered state.
6. An illuminated LED indicates the relay is in a powered condition.

*** W2 on model RBK-124AC may be Red or Blue Jumper**

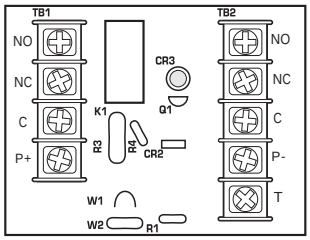
RBK-624



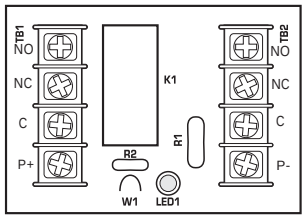
RBKS-124P



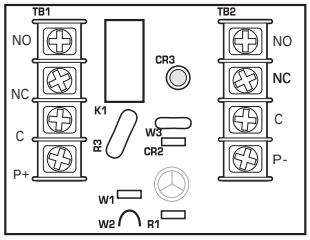
RBKS-124N



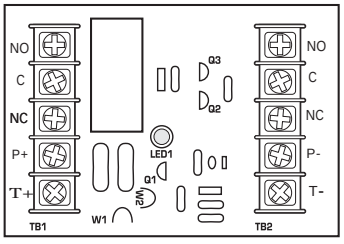
RBK-5



RBK-124AC



RBKS-10



RBK-10