

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

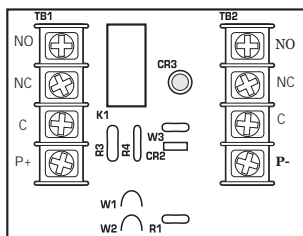
Dimensions

- 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

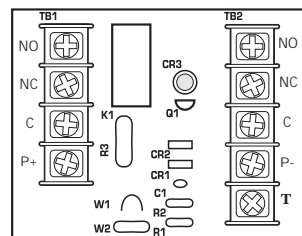
Notes:

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

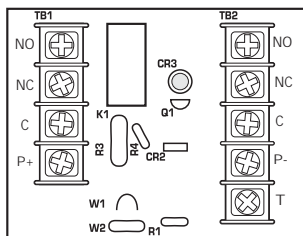
* W2 on model RBK-124AC may be Red or Blue jumper.



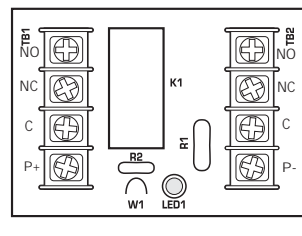
RBK-624



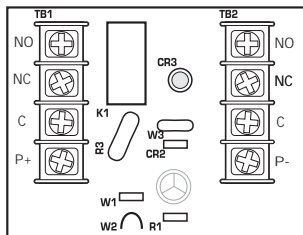
RBKS-124P



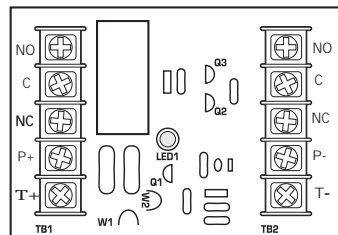
RBKS-124N



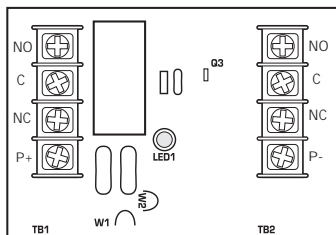
RBK-5



RBK-124AC



RBKS-10



RBK-10