

## Part Numbers

## Part Numbers: RH Series with Options

| Termination                      | Contact Configuration | Basic Part No. | Indicator Light | Check Button | Indicator Light and Check Button | Top Bracket |
|----------------------------------|-----------------------|----------------|-----------------|--------------|----------------------------------|-------------|
| B<br>(blade)                     | SPDT                  | RH1B-U         | RH1B-UL         | RH1B-UC      | RH1B-ULC                         | RH1B-UT     |
|                                  | DPDT                  | RH2B-U         | RH2B-UL         | RH2B-UC      | RH2B-ULC                         | RH2B-UT     |
|                                  | 3PDT                  | RH3B-U         | RH3B-UL         | RH3B-UC      | RH3B-ULC                         | RH3B-UT     |
|                                  | 4PDT                  | RH4B-U         | RH4B-UL         | RH4B-UC      | RH4B-ULC                         | RH4B-UT     |
| V2<br>(PCB 0.078"<br>[2mm] wide) | SPDT                  | RH1V2-U        | RH1V2-UL        | RH1V2-UC     | RH1V2-ULC                        | —           |
|                                  | DPDT                  | RH2V2-U        | RH2V2-UL        | RH2V2-UC     | RH2V2-ULC                        | —           |
|                                  | 3PDT                  | RH3V2-U        | RH3V2-UL        | RH3V2-UC     | RH3V2-ULC                        | —           |
|                                  | 4PDT                  | RH4V2-U        | RH4V2-UL        | RH4V2-UC     | RH4V2-ULC                        | —           |

## Ratings

## Coil Ratings

| Rated Voltage |       | Rated Current ±15% at 20°C |       |        |        |        |        |        |        | Coil Resistance ±15% at 20°C |         |         |        |
|---------------|-------|----------------------------|-------|--------|--------|--------|--------|--------|--------|------------------------------|---------|---------|--------|
|               |       | 60Hz                       |       |        |        | 50Hz   |        |        |        |                              |         |         |        |
|               |       | SPDT                       | DPDT  | 3PDT   | 4PDT   | SPDT   | DPDT   | 3PDT   | 4PDT   | SPDT                         | DPDT    | 3PDT    | 4PDT   |
| AC            | 6V    | 150mA                      | 200mA | 280mA  | 330mA  | 170mA  | 238mA  | 330mA  | 387mA  | 18.8Ω                        | 9.4Ω    | 6.0Ω    | 5.4Ω   |
|               | 12V   | 75mA                       | 100mA | 140mA  | 165mA  | 86mA   | 118mA  | 165mA  | 196mA  | 76.8Ω                        | 39.3Ω   | 25.3Ω   | 21.2Ω  |
|               | 24V   | 37mA                       | 50mA  | 70mA   | 83mA   | 42mA   | 59.7mA | 81mA   | 98mA   | 300Ω                         | 153Ω    | 103Ω    | 84.5Ω  |
|               | 120V* | 7.5mA                      | 11mA  | 14.2mA | 16.5mA | 8.6mA  | 12.9mA | 16.4mA | 19.5mA | 7,680Ω                       | 4,170Ω  | 2770Ω   | 2220Ω  |
|               | 240V† | 3.2mA                      | 5.5mA | 7.1mA  | 8.3mA  | 3.7mA  | 6.5mA  | 8.2mA  | 9.8mA  | 3,1200Ω                      | 15,210Ω | 12,100Ω | 9120Ω  |
|               |       | SPDT                       |       | DPDT   |        | 3PDT   |        | 4PDT   |        | SPDT                         | DPDT    | 3PDT    | 4PDT   |
| DC            | 6V    | 128mA                      |       | 150mA  |        | 240mA  |        | 250mA  |        | 47Ω                          | 40Ω     | 25Ω     | 24Ω    |
|               | 12V   | 64mA                       |       | 75mA   |        | 120mA  |        | 125mA  |        | 188Ω                         | 160Ω    | 100Ω    | 96Ω    |
|               | 24V   | 32mA                       |       | 36.9mA |        | 60mA   |        | 62mA   |        | 750Ω                         | 650Ω    | 400Ω    | 388Ω   |
|               | 48V   | 18mA                       |       | 18.5mA |        | 30mA   |        | 31mA   |        | 2,660Ω                       | 2,600Ω  | 1,600Ω  | 1550Ω  |
|               | 110V‡ | 8mA                        |       | 9.1mA  |        | 12.8mA |        | 15mA   |        | 13,800Ω                      | 12,100Ω | 8,600Ω  | 7,340Ω |

\* For RH2 relays = 110/120V AC.

† For RH2 relays = 220/240V AC.

‡ For RH2 relays = 100/110V DC.

| Rated Voltage |       | Coil Inrush |       |       |       | Coil Inductance |       |       |       |               |       |       |       |
|---------------|-------|-------------|-------|-------|-------|-----------------|-------|-------|-------|---------------|-------|-------|-------|
|               |       |             |       |       |       | Energizing      |       |       |       | De-Energizing |       |       |       |
|               |       | SPDT        | DPDT  | 3PDT  | 4PDT  | SPDT            | DPDT  | 3PDT  | 4PDT  | SPDT          | DPDT  | 3PDT  | 4PDT  |
| AC            | 6V    | 250mA       | 340mA | 520mA | 620mA | 0.09H           | 0.08H | 0.05H | 0.05H | 0.06H         | 0.04H | 0.03H | 0.02H |
|               | 12V   | 120mA       | 170mA | 260mA | 310mA | 0.037H          | 0.30H | 0.22H | 0.18H | 0.22H         | 0.16H | 0.12H | 0.10H |
|               | 24V   | 56mA        | 85mA  | 130mA | 165mA | 1.5H            | 1.2H  | 0.9H  | 0.73H | 0.9H          | 0.63H | 0.5H  | 0.36H |
|               | 120V* | 12mA        | 16mA  | 26mA  | 33mA  | 37H             | 33H   | 21H   | 18H   | 22H           | 15H   | 12H   | 9H    |
|               | 240V† | 7mA         | 8mA   | 12mA  | 16mA  | 130H            | 130H  | 84H   | 73H   | 77H           | 62H   | 47H   | 36H   |
| DC            |       | SPDT        | DPDT  | 3PDT  | 4PDT  | SPDT            | DPDT  | 3PDT  | 4PDT  | SPDT          | DPDT  | 3PDT  | 4PDT  |
|               | 6V    |             |       |       |       |                 |       |       |       |               |       |       |       |
|               | 12V   |             |       |       |       |                 |       |       |       |               |       |       |       |
|               | 24V   | N/A         | N/A   | N/A   | N/A   | N/A             | N/A   | N/A   | N/A   | N/A           | N/A   | N/A   | N/A   |
|               | 48V   |             |       |       |       |                 |       |       |       |               |       |       |       |
|               | 110V  |             |       |       |       |                 |       |       |       |               |       |       |       |

\* For RH2 relays = 110/120V AC.

† For RH2 relays = 220/240V AC.