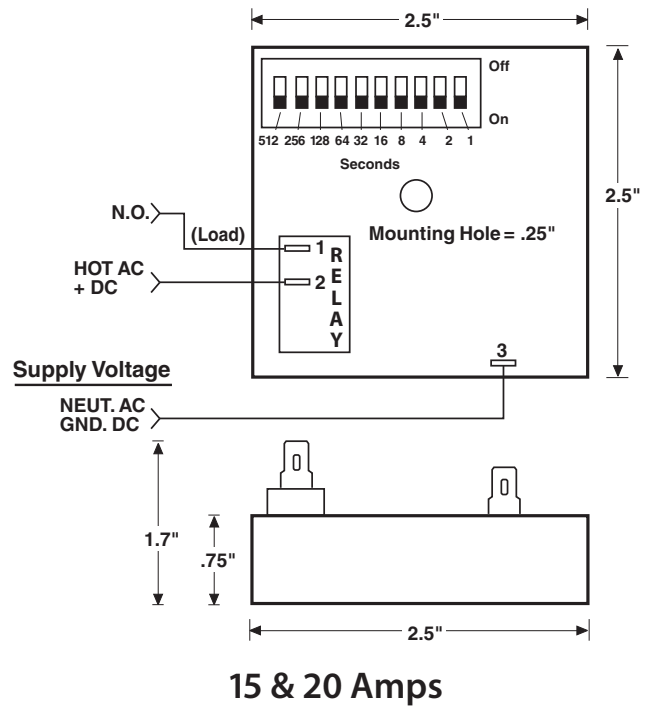
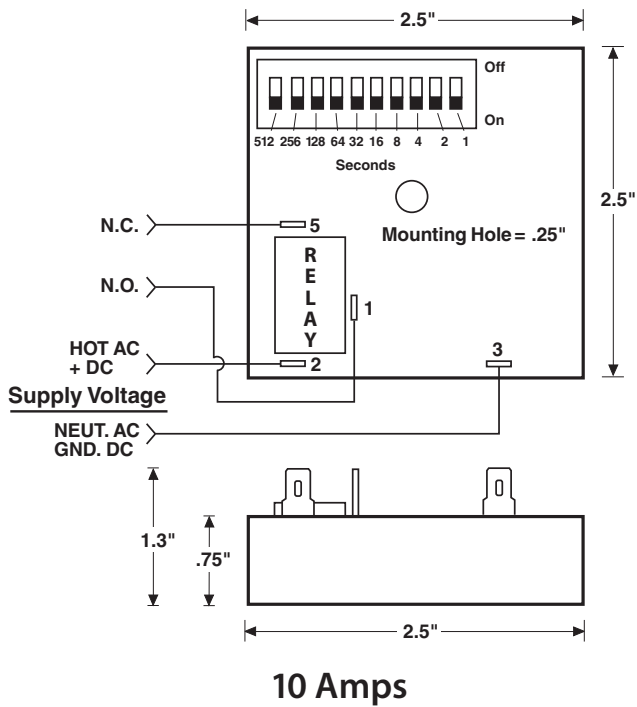




## BASIC WIRING AND DIMENSIONS



## SPECIFICATIONS

**Input Voltage:** +20% / -10%

VDC: 12 or 24

VAC: 12, 24, 120, 230, 50/60Hz

**Time Delay:**

*Timing Mode:* Delay on Make

*Type:* Digital CMOS

*Time Range:* 0.1 to 102.3 seconds

1.0 to 1023 seconds

10 to 10230 seconds

**Repeatability:** ±0.5%

**Setting Accuracy:** ±5% or 50 milliseconds, whichever is greater

**Reset Time:** 50 milliseconds

**Relay Life Expectancy:**

*Mechanical:* Up to 10 million operations

*Electrical:* 100,000 operations at max. load

**Protection:**

*Polarity Protection:* All DC units have reverse polarity protection

*Transient Protection:* 18 joules

*Dielectric Strength:* 1800V RMS 60Hz

**Temperature Ranges:**

*Storage:* -40°C to +85°C

*Operating:* -25°C to +65°C

**Time Adjustment:**

To set a time period, simply add up the switches in the on position for the total delay in seconds

## OPTIONS SELECTION

| Mode of Operation    | Series      | Input Voltage | Time Ranges                       | Time Adjustment Method | Relay Output Form | Options                    |
|----------------------|-------------|---------------|-----------------------------------|------------------------|-------------------|----------------------------|
| <b>Delay On Make</b> | <b>TGCB</b> | 1 120 VAC     | <b>102S3</b> 0.1 to 102.3 seconds | E Dipswitch            | *1 SPDT           | <b>H</b> 10 Amps           |
|                      |             | 2 230 VAC     | <b>1023</b> 1 to 1023 seconds     |                        | 2 SPST (N.O.)     | <b>JN</b> 15 Amps (1.0 HP) |
|                      |             | 3 24 VAC      | <b>10230</b> 10 to 10230 seconds  |                        | *3 SPST (N.C.)    | <b>J</b> 20 Amps (1.5 HP)  |
|                      |             | 4 24 VDC      |                                   |                        |                   |                            |
|                      |             | 7 12 VDC      |                                   |                        |                   |                            |
|                      |             |               |                                   |                        | *10 Amps only     |                            |

*Specifications subject to change without notice.*