



# VOLTAGE MONITORS

## SINGLE PHASE MOTOR PROTECTION

MADE IN  
THE U.S.A.



UL FILE #E101681



\*UL listed models require use of an  
RB08 or RB08-PC socket.

### BASIC MODELS:

SPDT / 8 Pin

004-120-118

004-230-118

### PROTECTS AGAINST:

Under Voltage  
Rapid Load Cycling  
(Optional Over Voltage)

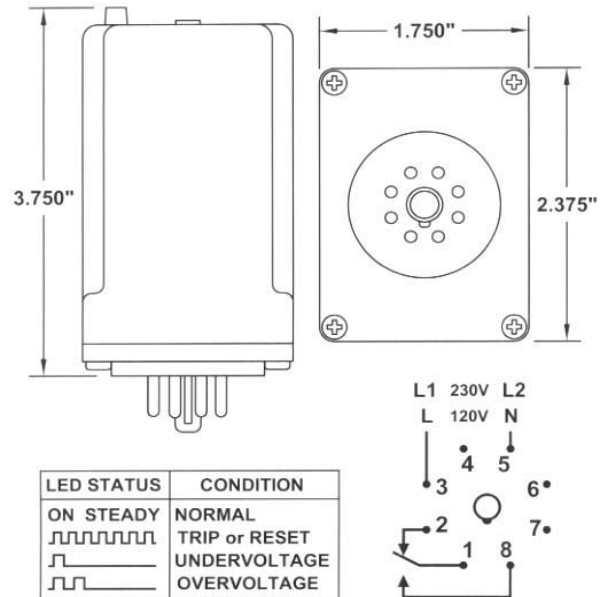


### OPERATION

When proper voltage is connected to the voltage monitor the internal relay will be energized and the LED will come on steady. An abnormal condition will cause the LED to blink during the trip delay. When the trip delay has expired the internal relay will be de-energized. The LED will then provide a series of pulses that indicate which fault condition is present. When conditions return to normal, the LED will blink during the reset delay. When the reset delay has expired, the LED will come on steady and the internal relay will be energized. The reset delay is also active immediately after power is turned on to the unit.

### SPECIFICATIONS

|                 |                                                 |
|-----------------|-------------------------------------------------|
| Under Voltage:  |                                                 |
| Trip:           | - 15% of Setting                                |
| Reset:          | - 12% of Setting                                |
| Over Voltage:   |                                                 |
| Trip:           | + 15% of Setting                                |
| Reset:          | + 12% of Setting                                |
| Trip Delay:     | 5 Seconds                                       |
| Reset Delay:    | 2 Seconds Standard (See Options)                |
| Voltage Range:  | 100V to 130V or 200V to 240V                    |
| Output Rating:  | 10A Resistive @ 240VAC<br>6A Inductive @ 240VAC |
| Operating Temp: | -40°C to +50 °C                                 |
| Storage Temp:   | -45°C to +85 °C                                 |
| Enclosure:      | White Lexan                                     |
| Base:           | Phenolic                                        |



| LED STATUS | CONDITION     |
|------------|---------------|
| ON STEADY  | NORMAL        |
|            | TRIP or RESET |
|            | UNDERVOLTAGE  |
|            | OVERVOLTAGE   |

### ORDERING INFORMATION

|                    |                          |
|--------------------|--------------------------|
| Product Type       | 004 - XXX - 11 8 - XXXXX |
| Operating Voltage  | (120,230)                |
| Relay Type (SPDT)  |                          |
| Base (8 Pin Octal) |                          |
| Options:           |                          |
| OV                 | - Over Voltage           |
| G5                 | - 5 Second Reset Delay   |
| G10                | - 10 Second Reset Delay  |
| G20                | - 20 Second Reset Delay  |
| G30                | - 30 Second Reset Delay  |
| G60                | - 60 Second Reset Delay  |