



PHASE MONITORS

THREE PHASE MOTOR PROTECTION

MADE IN
THE U.S.A.



UL FILE #E101681



BASIC MODEL:

DPDT / 11 Pin

001-230-1211

PROTECTS AGAINST:

Under Voltage
Phase Loss
Phase Reversal
Phase Unbalance
(Optional Over Voltage)

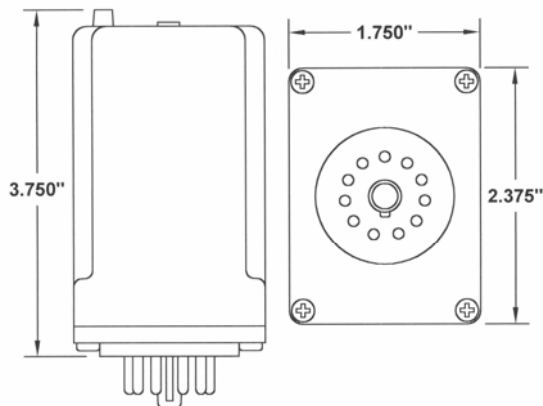


OPERATION

*UL listed models require use of an RB11 or RB11-PC socket.

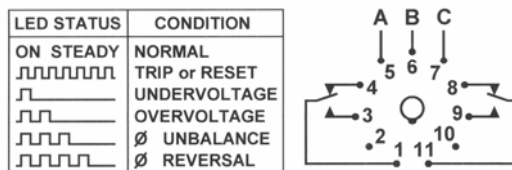
When proper voltage is connected to the phase monitor the internal relay will be energized and the LED will come on steady. An abnormal condition will cause the LED to blink during the trip delay. When the trip delay has expired the internal relay will be de-energized. The LED will then provide a series 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.

These units can be used on Delta or Wye systems, 50/60 Hz.



SPECIFICATIONS

Under Voltage:	
Trip:	- 15% of Setting
Reset:	- 12% of Setting
Over Voltage:	
Trip:	+ 15% of Setting
Reset:	+ 12% of Setting
Phase Unbalance:	
Trip:	7% with 5 Second Trip Delay 15% with 1 Second Trip Delay
Reset:	6%
Trip Delay:	5 Seconds (Delay is Reduced to 1 Second if Phase Unbalance is 15% or Greater)
Reset Delay:	2 Seconds Standard (See Options)
Voltage Range:	200V to 240V
Output Rating:	10A Resistive @ 240VAC 6A Inductive @ 240VAC
Operating Temp:	-40°C to +50 °C
Storage Temp:	-45°C to +85 °C
Enclosure:	White Lexan



ORDERING INFORMATION

001 - XXX - 12 11 - XXXXX
 Product Type |
 Operating Voltage |
 (230)
 Relay Type (DPDT) |
 Base (11 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