PHASE MONITORS

THREE PHASE MOTOR PROTECTION

MADE IN THE U.S.A.

BASIC MODELS:

SPDT / 8 Pin

001-230-118
001-480-118

PROTECTS AGAINST:

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

c US

UL FILE #E101681

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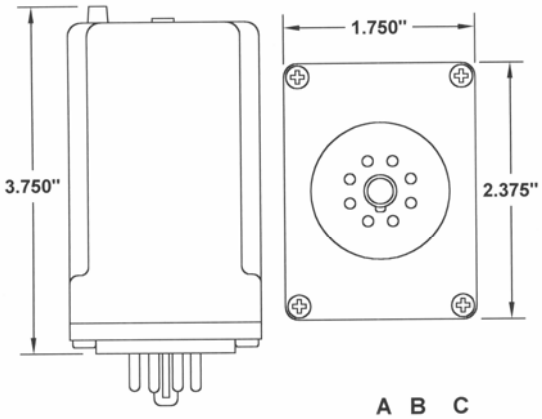
*UL listed models require use of an RB08 or RB08-PC socket.

OPERATION

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.



LED STATUS	CONDITION
ON STEADY	NORMAL
	TRIP or RESET
	UNDERVOLTAGE
	OVERVOLTAGE
	Ø UNBALANCE
	Ø REVERSAL

SPECIFICATIONS

Under Voltage:	
Trip:	- 15% of Setting for 230V (-10% for 480V)
Reset:	- 12% of Setting for 230V (-8% for 480V)
Over Voltage:	
Trip:	+ 15% of Setting for 230V (+10% for 480V)
Reset:	+ 12% of Setting for 230V (+8% for 480V)
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 or 425V to 525V
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 - 11 8 - XXXXX

Product Type
Operating Voltage (230,480)
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

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