

SLU-0200 Phase Monitor Relays (3-Phase Monitors) provide cost-effective protection against premature equipment failure caused by voltage faults on 3-Phase systems (Wye or Delta). The SLU-0200 Series multi-mode phase monitoring relay, was designed for the convenience of electrician's, maintenance managers and engineers. This device can be easily adjusted for the voltage, imbalance percentage and time delay requirements to protect against unbalanced voltages or single phasing regardless of any regenerative voltages.

Both **DELTA** and **WYE** systems may be monitored. In Wye systems, connections to neutral are NOT required. The SLU-0200 Series is UL Listed under UL File Number E55826.

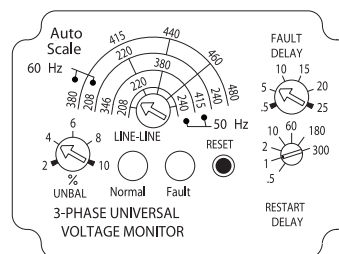
NOTE: Can be used for most generator applications. Not recommended for variable frequency drive applications. Call technical support for application assistance.



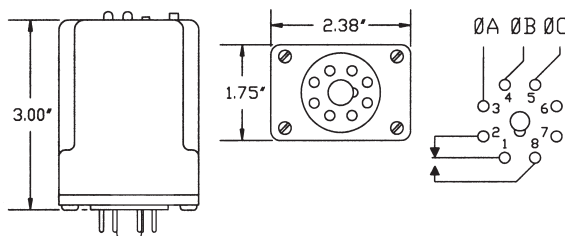
Universal Phase Monitor w/ Rapid Cycle Lockout

| | | | |
|----------------------------|--|--|--------------------|
| AUTO RANGING SCALES | Frequency | Nominal Line-to-Line Voltages | Adjustable Range |
| | 60Hz | 208, 220, 240, 380, 415, 440, 460, 480 | 200-250 360-500 |
| | 50Hz | 208, 220, 240 346, 380, 415 | 200-250 330-430 |
| VOLTAGE BAND | Drop-out | ±10% of Range Setting (Under/Over) | |
| | Pick-up | ±7% of Range Setting (Under/Over) | |
| MAXIMUM VOLTAGE | 550 VAC (Line-to-Line) | | |
| PHASE SEQUENCE | ABC (Will Not Operate On CBA Sequence) | | |
| POWER REQUIRED | 90VA Max. | | |
| PHASE UNBALANCE | 2% to 10%, Adjustable Drop-out | | |
| | Hysteresis | 10% of Setting | |
| PHASE SHIFT | 13° Drop-out, 12° Pick-up (Ø-Loss) | | |
| FREQUENCY SHIFT | Not Detected | | |
| RAPID CYCLE | 5 Cycle Lockout, 30 minute cycle count reset | | |
| RESET | Automatic | | |
| RELAY OUTPUT | SPDT, 10A @ 240VAC Resistive, 1/2 HP @240VAC | | |
| INDICATORS | | Flashing | Continuous |
| | Normal (Green LED) | Fault Delay Active | Relay Energized |
| | Fault (Red LED) | Restart Delay Active | Relay De-energized |
| RESPONSE | Power Up | 2.5 SEC Minimum | |
| | Fault Delay | 1 to 25 SEC., Adjustable | |
| | Severe Fault | 1 SEC. (Phase-Loss, Unbalance or Phase Reversal) | |
| | Restart | 0.5 to 300 S, Adjustable (Auto Reset) | |
| TEMPERATURE RATINGS | Operate | 32° to 131°F (0° to +55°C) | |
| | Storage | -49° to 185°F (-45° to +85°C) | |
| REPEAT ACCURACY | 1% @ Fixed Condition | | |
| ENCLOSURE | Style "A" | 8-Pin Plug In LEXAN® Dust Cover | |
| WEIGHT | 0.35 to 0.5 lbs. | | |

TOP LABEL



DIMENSIONS (INCHES)



ORDERING INFORMATION

| MODEL NUMBER | DESCRIPTION |
|--------------|-----------------------|
| SLU0200 | Voltage/Phase Monitor |