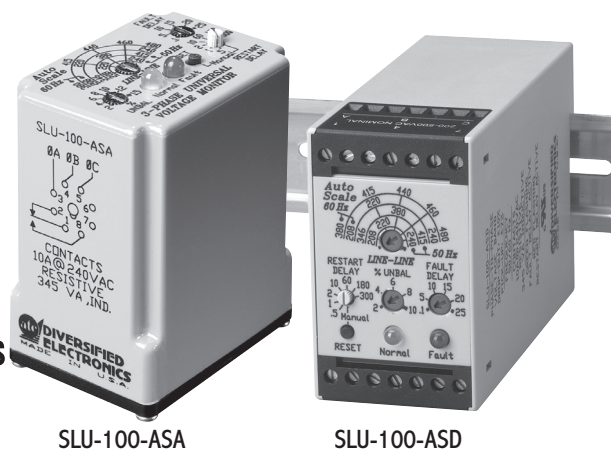


Phase Monitor Relays (3-Phase Monitors) provide cost-effective protection against premature equipment failure caused by voltage faults on 3-Phase systems (Wye or Delta). The SLU Series multi-mode phase monitoring relay, was designed for the convenience of electrician's, maintenance managers and engineers. A single SLU Phase Monitoring Relay 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-100 Series is UL Listed under UL File Number E55826.

NOTE: Not recommended for generator or variable frequency drive applications. Call technical support for application assistance.



SLU-100-ASA

SLU-100-ASD

Universal Phase Monitor

SPECIFICATIONS

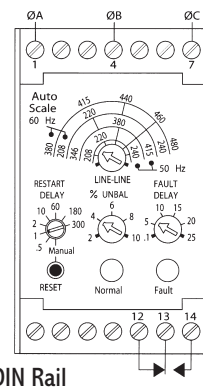
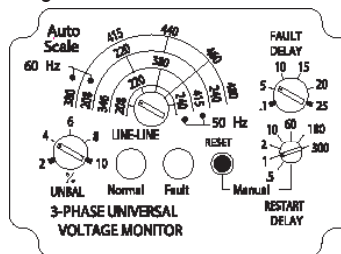
| | | | |
|----------------------------|--|---|--------------------|
| AUTO RANGING SCALES | Frequency | Nominal Line-to-Line Voltages | Adjustable Range |
| | 60Hz | 208, 220, 240, 380, 415, 440, 460, 480 | 200-250 360-500 |
| | 50Hz | 208, 220, 240, 346, 380, 415 | 200-250 330-430 |
| VOLTAGE BAND | 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 | 50/60 Hz | | |
| | Drop-out | ± 4% | |
| | Pick up | ± 3% | |
| RESET | Automatic or Manual Mode | | |
| 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 | 100mS (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 | | |
| TERMINALS (DIN) | Slotted Screw Terminal Clamps, 12AWG Max. | | |
| ENCLOSURE | Style "A" | LEXAN® Dust Cover | |
| | DIN | 35mm DIN Rail, 14 Term Polycarbonate Housing | |
| WEIGHT | 0.35 to 0.5 lbs. | | |

ORDERING INFORMATION

| MODEL NUMBER | DESCRIPTION |
|--------------|--|
| SLU-100-ASA | Universal Phase Monitor |
| SLU-100-ASD | Din Rail Mount Universal Phase Monitor |

TOP LABELS

Plug-In



DIMENSIONS (INCHES)

