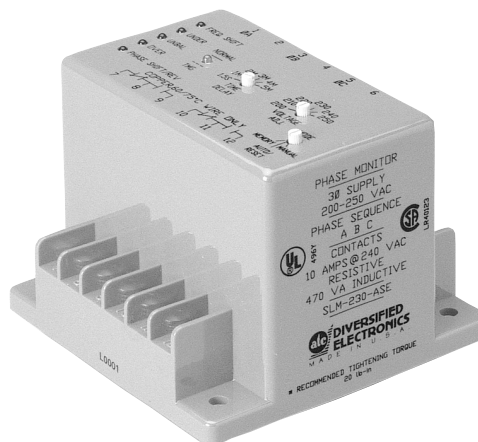


- Models available up to 690 VAC
 - Automatic or Manual Reset
 - Delay-on-Make Timer
 - LED Indicators for Fault Conditions
 - Last Fault Memory
- SCREWDRIVER ADJUSTMENT FOR:
- Time Delay
 - Voltage
 - Mode of Operation
- PROTECTS 3-PHASE EQUIPMENT AGAINST:
- Under Voltage
 - Over Voltage
 - Phase Loss
 - Phase Reversal
 - Phase Unbalance
 - Phase Shift
 - Frequency Shift

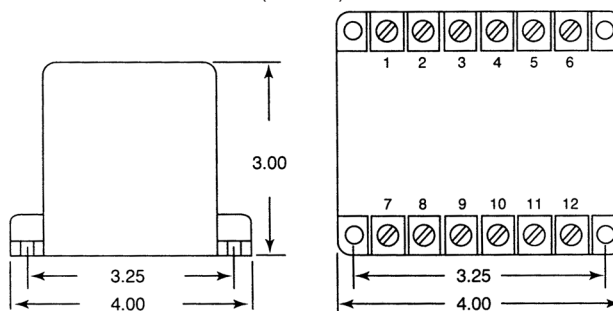


Microprocessor Based 3-Phase Monitor

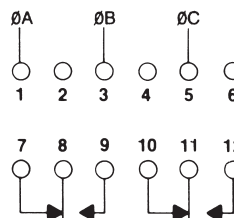
SPECIFICATIONS

| | | |
|------------------------------|---|--|
| VOLTAGE TRIP POINTS | Drop-Out | ±10% of Setting |
| | Pick-Up | ± 7% of Setting |
| FREQUENCY TRIP POINTS | Drop-Out | ±4% of 60 Hz (380 V, 50 Hz) |
| | Pick-Up | ±3% of 60 Hz (380 V, 50 Hz) |
| UNBALANCE TRIP POINTS | Drop-Out | 7% |
| | Pick-Up | 5% |
| RESET | Automatic; Manual; Automatic with Memory* | |
| PHASE SEQUENCE | ABC (Will Not Operate CBA) | |
| OUTPUT RATING | DPDT, 360 VA Inductive; 1/2 hp 3 A Resistive @ 600 VAC SLM (120, 230) ASE - DPDT, 470 VA 10A Resistive@240VAC | |
| TERMINATIONS | #8-32 Screw Terminals | |
| INDICATORS LED* | Designation | Color State Condition |
| | Time Delay | Green Flashing Timing Output Energized |
| | Under Voltage | Red ON Fault |
| | Over Voltage | Red ON Fault |
| | Phase Sequence, Shift | Red ON Fault |
| | Frequency Shift | Red ON Fault |
| | Unbalance | Red ON Fault |
| | Operate | |
| | Sampling | 2 SEC |
| | Reset Delay (Sampling Delay) + (1.5 seconds to 5 minute Delay) Adjustable in one (1) minute increments | |
| | Release | |
| | Under Voltage | 1.5 SEC, (approx.) |
| | Over Voltage | 1.5 SEC, (approx.) |
| | Frequency Shift | 1.5 SEC, (approx.) |
| | Unbalance | 2.0 SEC, (approx.) |
| | *Phase Loss/Shift | 1.0 SEC, (approx.) |
| TEMPERATURE RATING | Operate | 32° to +131°F (0° to +55°C) |
| | Storage | -49° to 185°F (-45° to +85°C) |
| POWER REQUIRED | 7 VA Typical | |
| TRANSIENT PROTECTION | 2500 Volts for 10 ms | |
| ENCLOSURE | Lexan Surface Mounted | |
| WEIGHT | 22 oz. | |

DIMENSIONS (INCHES)



WIRING



| MODEL NUMBER | NOMINAL PHASE-TO-PHASE VOLTAGE SET POINTS | MAXIMUM VOLTAGE |
|--------------|---|-----------------|
| SLM-120-ASE | 105, 110, 115, 120, 125, 130 | 143 VAC |
| SLM-230-ASE | 200, 210, 220, 230, 240, 250 | 275 VAC |
| SLM-380-ASE | 350, 365, 380, 390, 400, 415 | 457 VAC |
| SLM-440-ASE | 440, 450, 460, 470, 480, 490 | 540 VAC |
| SLM-575-ASE | 525, 550, 575, 600 | 690 VAC |

*Automatic with Memory MODE: The last fault is indicated and remains on when conditions return to normal.

The indicator extinguishes only with reset or when new fault condition occurs.

The SLM Series is UL Listed under UL File Number E55826.