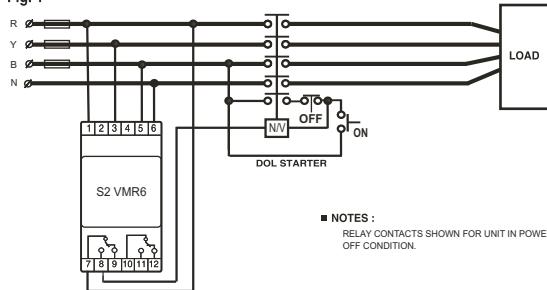




ELECTRICAL CONNECTION IN POWER & CONTROL WIRING

Fig. 1



PHASE FAILURE WITH UV/OV RELAY

- * Under voltage condition, * Over voltage condition, * Unbalance, * Phase failure, *
- * Phase reversal, * Neutral Fail condition.

SPECIFICATIONS

PARAMETER

	DESCRIPTION
1) System Supply Voltage	: 415 V AC $\pm 20\%$ (FIXED)
2) Aux. Supply	: In-Built.
3) Frequency	: 48 TO 63 HZ.
4) Output Relay Contacts	: 2 CO.
5) Output Contacts Rating	: 5 AMP, 240VAC [Resistive]
6) Trip setting (volts)	: Phase sequence- Yes Phase unbalance- 94V ± 6 V ph-ph (fixed)
7) Under Voltage Trip Setting For 380-440 VAC For 220-240 VAC For 100-120 VAC	: 75% to 95% of 415 VAC
8) Over Voltage Trip Setting For 380-440 VAC For 220-240 VAC For 100-120 VAC	: 105% to 125% of 415 VAC
9) Trip Time Delay *On phase *On UV/OV	: 5 sec. ± 1 sec for UB/SP/UV/OV,instant For RP : Less than 2secs. For NF.
10) Set Accuracy * UV & OV setting. * Unbalance & T. Dly Setting	: ± 2 % Of Set Value For 415VAC & 240 VAC & ± 3 % off set value for 110VAC : ± 5 % Of Full Scale : Auto Reset
12) Resetting	: 20 % ± 5 % Of Set Value.
13) Reset Gap * Unbalance reset gap * UV & OV reset gap	: 3 % ± 1 % Of Set Value.
14) Indications * Power On * Phase failure / Unbalance / RP. * Under / Over Voltage * Neutral Fail	: ON : UB / RP (Steady led for SP / UB Flashing led for RP) : UV / OV (Steady led for UV, Flashing led for OV) : NF : S2 Series, ABS / PC-ABS.
15) Enclosure	: 90 X 35 X 60
16) Dimensions (mm) * Overall * Mounting	: 35mm Rail Mounting. : 110 gms.
17) Weight(Approx.)	: -5 °C TO +60 °C
18) Operating Conditions * Temperature * Humidity	: UP TO 95 % Rh.
19) Programming Mode For	: Test Mode Auto Manual Reset.

Suitable for monitoring 3 Ph. System supply from MAINS & used by motor load:

- AC & R Chiller compressor motors, · AHU Fan /Pump Motors, · Machinery using multiple small motors
- MAIN powers supply distribution panel board, · DG Set application, · UPS, · Submersible Pumps, · Hoist & Crane.

Our Other Products

- Alarm Annunciator, Motor/Pump Protection Relays, EOGR,
- Phase Failure Relay + UV / OV Relays, Voltage/Current/ Frequency/Reverse Power Monitoring Relays,
- Earth Fault/ Leakage Relays, Pump Automation Management system & Controllers, Water Level Controller,
- Electronic Timers, Power Line Transducers (V/I/KW/Multi-function/DC-DC Isolators or Barrier/Temp/Resistance/Tap position etc.),
- Multi-function Meter, Twin Window/Split AC Controller, Bearing temp Monitoring relays(PT-100)