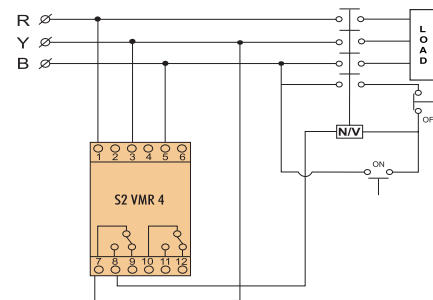


TECHNICAL DATA SHEET FOR S2 VMR4

minilec®



S2 VMR4 is a voltage monitoring relay operating on negative sequence voltage sensing principle. It offers protection against

- * 3-phase 3-wire under & over voltage, * microcontroller based design
- * auto/manual reset, * Microcontroller design, * SMD Technology
- * adjustable trip delay & ON delay, * Failsafe-non-failsafe selectable
- * 2 CO output relay, * adjustable under/over voltage settings
- * absolute values for UV/OV.

NOTE:

Three phase sensing to the unit & under / over Voltage sensing is from L1, L2, L3 sensing point At terminal no. 1,3, and 5.

PROGRAMMING/ SETTING:

With the help of push button provided on front. You can program the relay for suitable operation, Please refer Manual.

TECHNICAL SPECIFICATIONS OF S2 VMR4

1. SYSTEM SUPPLY	100-120/220-240/380-440 V AC -25+20%, 48-63 Hz
2. OUTPUT RELAY CONTACT	1 CO + 1CO / 2 CO
3. FREQUENCY	48 to 63 Hz.
4. AUX. SUPPLY	In-Built from three phase
5. OUTPUT CONTACT RATING	5Amp., 240 VAC (RESISTIVE)
6. Unbalance trip setting Ph Ph Sensing Under voltage For 380-440 VAC For 220-240 VAC For 100-120 VAC Ph Ph Sensing Over voltage For 380-440 VAC For 220-240 VAC For 100-120 VAC	NA 285-425 V AC[Variable] 165-225 V AC[Variable] 75-115 V AC[Variable] 400-520 V AC[Variable] 230-290 V AC[Variable] 105-145 V AC[Variable]
7. TRIP TIME DELAY :	1 to 10 sec [Variable]
8. RESETTING Mode:	Auto/Manual Reset
9. Weight :	110 gms (Approx.)
10. DIMENSIONS (mm) :	Overall : 90 X 35 X 60 mounting : 35 mm rail mounting
11. MOUNTING :	35 mm Rail Mounting
12. OPERATING CONDITIONS :	TEMPERATURE : -5C to + 60C HUMIDITY : Upto 95% Rh
13. Enclosure :	S2 SERIES, ABS, PC-ABS
15. Indications : LED1 (green) LED2 (red) LED3 (red)	ON UV OV
16. Reset gap for unbalance & for :	For UV/OV = 3%, ± 1%
17. Power on delay :	1 to 10 sec [Variable]
18. Programming mode for : [By front push button]	Test facility, auto/manual reset e Failsafe/Non Failsafe Selection Common/Separate relay

Suitable for following application

- Auto Mains Failure Panels. ·Generator Set Panels, ·Battery Charger Panels.
- Inverter Panels, ·DC Drive Control panels, UPS

Our Other Products

Alarm Annunciator, Motor/Pump Protection Relays, EOCR,
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)