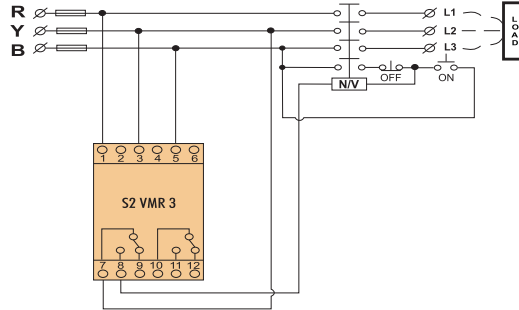


TECHNICAL DATA SHEET FOR S2 VMR3

minilec®



S2 VMR3 is a phase failure relay.

It offers protection against

- * Unbalanced voltage condition.
- * Phase failure condition.
- * Phase sequence reversal condition.
- * Microcontroller design
- * SMD Technology
- * Absolute value of UV/OV settings
- * Failsafe-non-failsafe selectable
- * 2 CO output relay

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 VMR3

1. SYSTEM SUPPLY VOLTAGE	100-120/220-240/380-440 V AC -25+20%, 48-63 Hz
2. AUX. SUPPLY VOLTAGE	Built-in (from 3 Phases)
3. FREQUENCY	48 to 63 Hz.
4. OUTPUT RELAY CONTACT	2 Changeover
5. OUTPUT CONTACT RATING	5Amp., 240 VAC (RESISTIVE)
6. TRIP SETTING (volt) Phase Sequence Phase Unbalance Under voltage For 380-440 VAC For 220-240 VAC For 100-120 VAC Over voltage For 380-440 VAC For 220-240 VAC For 100-120 VAC	Yes 4%-20% [Variable] 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 : On Phase Failure On SP/UV/OV	Instant 1 to 10 sec [Variable]
8. RESETTING Mode:	Auto/Manual Reset[Selectable]
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. Programming mode for : [By front push button]	Auto/Manual reset Failsafe/Non Failsafe Selection
14. Enclosure :	S2 SERIES, ABS, PC-ABS
15. Indications : LED1 (green) LED2 (red) LED3 (red)	ON UB / RP, steady for SP/UB flashing for RP UV / OV, steady for UV flashing for OV
16. Reset gap	For unbalance=20%, ±5% For UV/OV= 3%, ±1%