

TECHNICAL DATA SHEET FOR S2 VMR1

minilec®



S2 VMR1 is a phase failure relay.
It offers protection against

- * Unbalanced voltage condition.
- * Phase failure condition.
- * Phase sequence reversal condition.
- * Microcontroller design
- * SMD Technology
- * Auto/Manual Reset
- * Adjustable Unbalance setting
- * 2 CO output relay

NOTE:

Three phase sensing to the unit & under / over
Voltage sensing id 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 VMR1

1. SYSTEM SUPPLY VOLTAGE	100-120/220- 240/380-440V AC,-25+20 % 48-63 Hz
2. AUX. SUPPLY VOLTAGE	Built-in
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	Yes 4% to 20 % (variable) ± 5% of full scale.
7. TRIP TIME DELAY : On phase failure/unbalance For level sensing	4 Sec. ± 1 Sec. / RP-Instant N.A.
8. RESETTING Mode:	Auto/Manual Reset(selectable by front push Button)
11. Weight :	100gms (Approx.)
12. ENCLOSURE :	ABS.
13. DIMENSIONS (mm) :	Overall : 90 X 35 X 60 mounting : 35 mm rail mounting
14. MOUNTING :	35 mm Rail Mounting
15. OPERATING CONDITIONS :	TEMPERATURE : -5 ⁰ C to + 60 ⁰ C HUMIDITY : Upto 95% Rh
16. Indications : LED1 (green) LED2 (red) LED3 (red)	ON UB/RP, steady for SP/UB flashing for RF NA
17. Reset gap for unbalance & for : UV & OV	For unbalance=20%,±5%
18. Programming mode for : [By front push button]	Test facility, auto manual reset

