

LINE VOLTAGE MONITORING RELAY

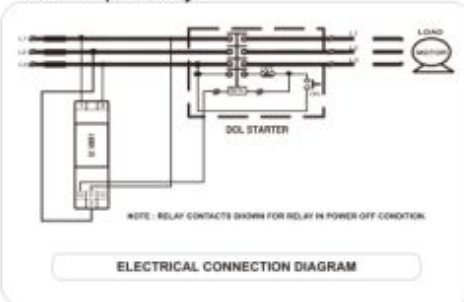
S1 VMR1

Features:

Phase Failure, Unbalance, Phase sequence,
Under voltage & over voltage
Microcontroller based design, SMD technology
Adjustable trip setting
1CO output relay.

Applications:

- 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



SL. NO	PARAMETER	SPECIFICATION
1	System supply voltage	415 VAC \pm 20% , (3Ph - 3 Wire)
2	Aux. supply	In - Built
3	Frequency	48Hz to 63Hz
4	Output Contacts	1 CO
5	Output Contact Ratings	5 Amps. @ 250 V AC (RESISTIVE)
6	UB Setting	75 % to 95% of system supply
7	OV Setting	105 % to 125% of system supply
8	Resetting	Auto
9	Phase Sequence Reversal	Yes
10	Phase Unbalance	10 % (Fixed)
11	Phase Failure	Yes
12	Reset Gap	3 % , \pm 1 % of Setting
13	Trip Time Delay	
	SP/UB/OV	1-10 SEC Settable (\pm 10%)
14	Setting accuracy	
	UB/OV setting	\pm 2 %
15	Indications	
	ON	Power ON (Green)
	TRIP	RP (Fast Flashing)
		OV (Slow Flashing)
		UV/SP/UB (STEADY ON)
16	Enclosure	
	Mounting	17.5mm DIN Rail
	Type	S1 series
17	Dimensions (mm) (H x W x D)	89 X 17.5 X 59 mm (approx.)
18	Weight	Approx . 135...gms.
19	Operating Conditions	Temperature -20 ° c to + 60 ° c
		Humidity upto 95% Rh.

Our Other Products: Phase Failure Relays, Motor/Pump Protection relays, Monitoring Relays, Electronic Timers, Liquid Level Controllers, Power Line Transducers & Multifunction Meter, Automation Products, Alarm Annunciators, Soft Starters, and Products for Agri Sector.

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