

INSTALLATION INSTRUCTION MANUAL PHASE SEQUENCE RELAY

minilec[®]

S1 VMR7



S1 VMR7 offers protections against -
* Phase sequence

ELECTRICAL CONNECTION

See Fig. 1 and 2 for installation of the unit in the Power and control wiring.

MOUNTING

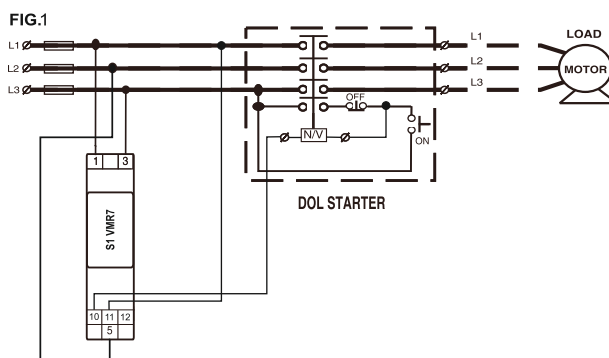
This model is suitable for DIN RAIL mounting.

CAUTION

- Ensure that above relay is
 - * Not installed near any heat sources like Burner, Sunlight, Electric arc etc.
 - * Not subjected to abnormal vibrations.
 - * Installed as near to starter as possible.
 - * Not subjected to Direct heat, Sunlight, Rain.
- If the product is not installed as per guideline given by Minilec, Our company will not be responsible for any wrong connection, damage, injury, accident etc.

Sr. No.	PARAMETERS	S1 VMR7
1.	System supply voltage	380-440 VAC \pm 20 % 3phase-3 wire
2.	Aux. Supply	In - Built from three phase
3.	Frequency	48 to 63 hz.
4.	Output relay contact	1CO.
5.	Output contact rating	5 Amp, 240VAC [resistive]
6.	Trip time delay	Instant
7.	Power on delay	NA
8.	Resetting	Auto reset
9.	Indications Led1 (Green) Led2 (Red)	ON - Power ON RLY, (Steady ON for RP)
10.	Enclosure	S1 SERIES-ABS,PC-ABS
11.	Dimensions (mm)	OVERALL = 96 X 17.5 X 60 MOUNTING = Rail Mounting
12.	Operating conditions	TEMPERATURE = -5°C to +60°C HUMIDITY = Upto 95% RH
13.	Weight (gms.)	70

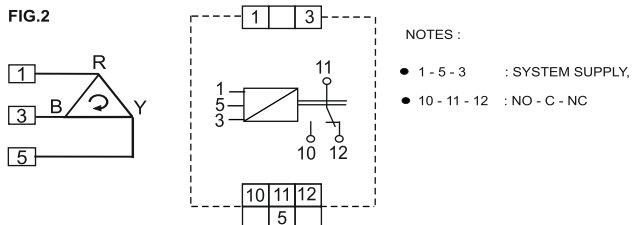
ELECTRICAL CONNECTION IN POWER & CONTROL WIRING FOR S1 VMR7



NOTE : RELAY CONTACTS SHOWN FOR RELAY IN POWER OFF CONDITION.

TERMINAL DETAILS

FIG.2



INDICATIONS:

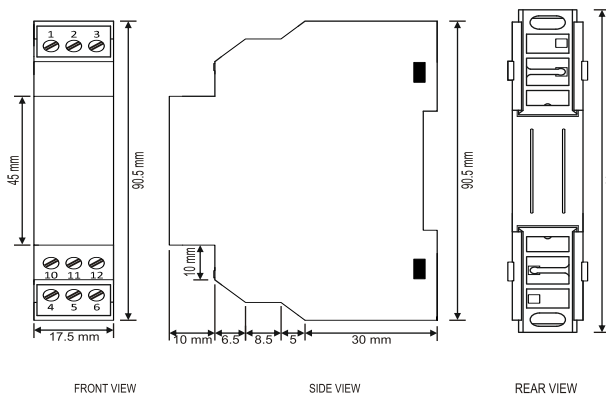
ON - POWER ON
RLY - RELAY (STEADY ON FOR RP)

NOTE : RELAY CONTACTS SHOWN FOR RELAY IN POWER OFF CONDITION.

COMPLIANCE TO STANDARDS

TEST	IEC STD.
1. EFT Test of System Supply	61000-4-4
2. Surge Test of System Supply	61000-4-5
3. ESD Test (Contact Discharge)	61000-4-2
ESD Teast (Air Discharge)	60255-5
4. H.V. Test (Dielectric Test)	60255-5
5. Insulation Resistance Test	60255-5
6. Dry Heat Test	60068-2-2
7. Damp Heat test (Steady State)	60068-2-30
8. Damp Heat test (cyclic test)	60068-2-78

ENCLOSURE DIMENSIONS



WARRANTY - AGAINST ALL MANUFACTURING DEFECTS FOR 18 MONTHS FROM DATE OF SUPPLY OR 12 MONTHS FROM INSTALLATION WHICHEVER IS EARLIER

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