

INSTALLATION INSTRUCTIONS FOR S1 VMR7

INTRODUCTION

Thank you for selecting and purchasing MINILEC make voltage monitoring relay. The following installation instructions would guide you in installing your S1 VMR7 making the best of it. These units offers following protections against -

* Phase sequence

Above mention relay is an auxiliary relay and it should be used along with the starter only. The effective working of the unit will depend on efficient working of the starter. Before installing your unit check whether the starter is operating perfectly by starting with the "ON" push button and switching off by "OFF" push button. If the operation of START and STOP are imperfect the starter needs to be serviced. Do not install your unit with faulty starter

CAUTION



1. Ensure that all above relay are -
- * 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,

2. 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.

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.

WARRANTY

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

MANUFACTURED BY:

minilec[®]
www.minilecgroup.com

S. NO. 1073/ 1-2-3, AT POST
: PIRANGUT, TAL: MULSHI,
DIST: PUNE (INDIA) PIN : 412 111
VERSION 03 (10/03/2010)

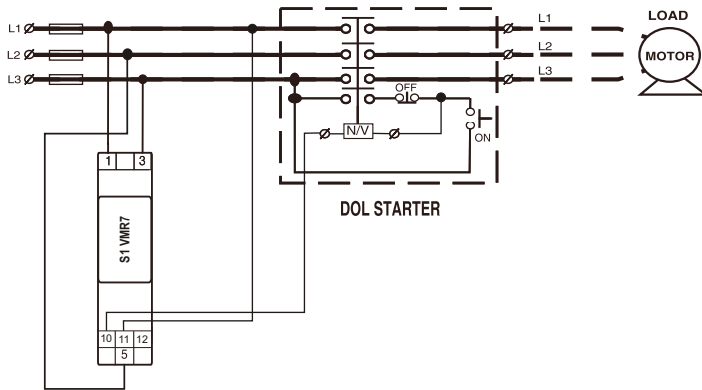
INSTALLATION INSTRUCTION PHASE SEQUENCE RELAY (S1 VMR7)



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 = 90X 18.0 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

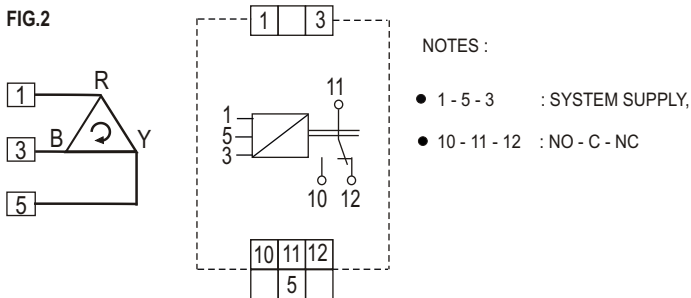
FIG.1



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

TERMINAL DETAILS

FIG.2



NOTES :

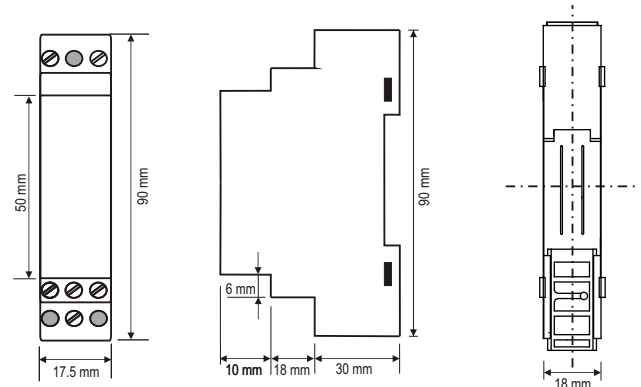
- 1 - 5 - 3 : SYSTEM SUPPLY,
- 10 - 11 - 12 : NO - C - NC

INDICATIONS:

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

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

ENCLOSURE DIMENSIONS



FRONT VIEW

SIDE VIEW

REAR VIEW