VCR,VCT,VCF D2 - D - correction - dt. 24.10.04	

supply)

2. Cut in at

5. Resetting

3. Trip Time Delay

4. Power On Delay

(2% of Set value)

(Set value plus 3% of monitored Supply)

1-10 Sec. (Adjustable)

1-10 Sec. (Adjustable)

Auto / Manual

supply)

(2% of Set value)

(Set value less 3% of monitored Supply)

1-10 Sec. (Adjustable)

1-10 Sec. (Adjustable)

Auto / Manual

	<u> </u>					
	INSTALLATION INSTRUC UNDER / OVER VOLTAG VCR D2, VCT D2, VCF D INTRODUCTION Thank you for selecting & p make Under / Over Voltage R The following installation inst you in installing your Ur Relay (i.e.VCR D2 / VCT D making the best use of it. The above models are used i supply where under / over V required. MOUNTING Any model of Under/Over V can be RAIL mounted or P/ Fig. 7 for mounting on & relea Also see Fig.8 for Panel M Details Dimension). CAUTION Ensure that any model of Ur Relay is * Not installed near any hea Burner, sunlight, electric a * Not Subjected to abnorma * Not subjected to direct he stormy wind and dust. * Installed as near to the stat ELECTRICAL CONNECTIO OVER VOLTAGE RELAY See Fig. (2/4/6) for eled diagram details of correspond / Over Voltage Relay.	CTIONS FOR BE RELAY 22 Purchasing MINILEC elay. ructions would guide nder / Over Voltage D2 / VCF D2) and in 1 or 3 system voltage protection is (oltage Relay series ANEL mounted.(see using from DIN RAIL. ounting and Drilling Inder / Over Voltage at sources like arc etc. al vibrations. eat, sunlight, rain, arter as possible. DNS OF UNDER / Actrical connection ding model of Under	See Fig. (control wir Over Volta Connect th the no- vol FUNCTIO VCR D2 This type of system su of the system The relay per require On Delay operation Voltage mo VCT D2 The VCT phase vol unit trips of the setting having bot is having A VCF D2 The VCF D2 The VCF D2 The VCF D2 is over volta Power On operation of the setting	 1 / 3 / 5) for installation in power and ing of corresponding model of Under / ge Relay. ne out put relay contacts in series with tooil as required. DNING of under /over Voltage relay is used in 1 pply for monitoring under /over voltage as ement with settable Trip Time & Power The unit is having Auto / Manual mode. In this unit Phase to Neutral onitoring is done. D2 is used for monitoring phase to tages between all three phases. The when the supply goes below / above s as per the requirement. This model is h the delays same as VCR D2. The unit auto / Manual operation mode. D2 model is used for monitoring phase woltage between all three phases. The salso having facility of variable under/ ge setting with adjustable Trip Time & Delay. The unit is having Auto/ Manual mode. 	TECHNICAL SPECIFICATIONS OF UNDER / OVER VOLTAGE RELAY 1. System Supply VCR D2 : 110/220/230/240 VAC, +20%,-25% (1 Phase) VCT D2 : 110/220/230/240/380/415/440 VAC, +20%,-25% (3 Phase, 3 Wire) VCF D2 : 110/220/230/240/380/415/440 VAC +20%,-25% (3 Phase, 4 Wire) Common specifications for all models 2. Aux. Supply : Not applicable 3. Frequency : 50/60 Hz I 3% 4. Output Relay Contact : 1CO / (2 CO) 5. Output Contact Rating : 5 A, 240 VAC (Resistive) 6. UV Trip Setting : 75 % to 95 % of monitored supply 7. OV Trip Setting : 105 % to 120 % of monitored supply 8. Trip Time Delay :1 to 10 Sec. (Adjustable) 9. Power On Delay : 1 to 10 Sec. (Adjustable) 10. Reset : Auto / Manual 11. Reset Gap : 3% I % of monitored Supply 12. Set Accuracy : I 2% of set Value Upto 25°C. 1% drift per 10°C after 25°C 13. Indication : ON (Green) Power On UV (Red) Under Voltage TRIP OV (Red) Over Voltage TRIP	TESTING PROCEDURE
Under Volt 1. Cut off at Site Selectable 75 % to 95 % (o		Under Voltage	r Voltage Over Voltage		Temp -5°C to 60°C	
		Site Selectable betw 75 % to 95 % (of mo	veen onitored	Site Selectable between 105 % to 120 % (of monitored	Humidity Upto 95% R.H.	

CONSULT MINILEC

END

- 15. Enclosure : ABS
- 16. Dimensions : (mm) Overall : 76 X 56.5 X 117.5 Mounting : 67 X 46
- 17. Weight : 450 gms.

