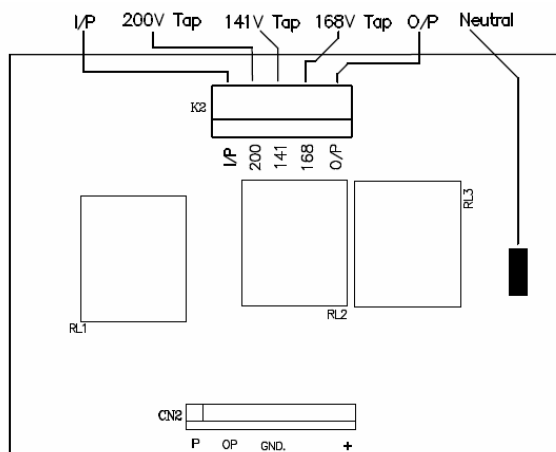
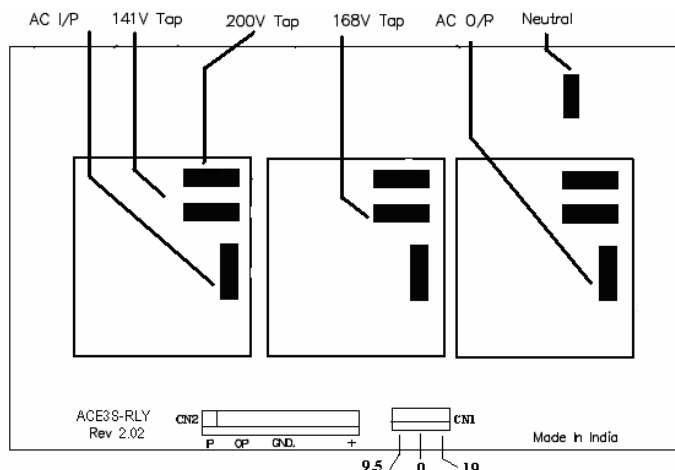


## Features and Specifications :-

Input AC Voltage range of 140V to 280V AC.	Intelligent Output Time Delay for protection of load connected.
Regulated output voltage to ensure voltage in range 200 -245 VAC.	Mains under voltage and over voltage cut off to protect the connected load. ( U/V - <175V , O/V > 250V
Voltage correction within 10-20 mSec.	Minimum wiring required, with PCB mounted relays.
Relay operation near zero crossing of current to ensure reliability and fault free operation.	3 digit Seven segment LED display of – I/P , O/P voltage , Timer , Load Current etc.

## Wiring Diagram and Transformer details :-

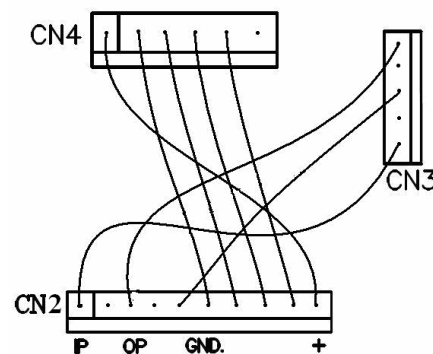


### Transformer Voltages :-

<u>Main Winding</u>	<u>Trigger winding</u>
0 – 141 – 168 – 200 V	0 – 9.5 – 19 V

For 12V relay PCB (0.5/1KVA) triggerwinding is connected as 9.5 – 0 – 9.5 V instead of 19 – 0 – 9.5

Capacity	Core Size	Main Winding Turns		Trigger Turns	
		Wire Gauge		Wire Gauge	
0.5 KVA	3 No. 1.5"	0 - 585 - 700 - 835	-25- ----- 22 -----	0 - 38 - 76	--- 28 ---
1 KVA	3 No. 2.25"	0 - 390 - 468 - 555	-22- ----- 19 -----	0 - 25 - 50	--- 28 ---
3 KVA	16 No. 3.50 "	0 - 216 - 257 - 307	-17- ----- 16 -----	0 - 14 - 28	--- 26 ---
4 KVA For AC	7 No. 2.0"	0 - 284 - 338 - 404	-18- ----- 14 -----	0 - 18 - 36	--- 26 ---
4 KVA	7 No. 2.5"	0 - 227 - 270 - 323	-17- ----- 14 -----	0 - 15 - 30	--- 26 ---
5 KVA	7 No. 3.0"	0 - 189 - 225 - 269	-16- ----- 13 -----	0 - 12 - 24	--- 26 ---



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