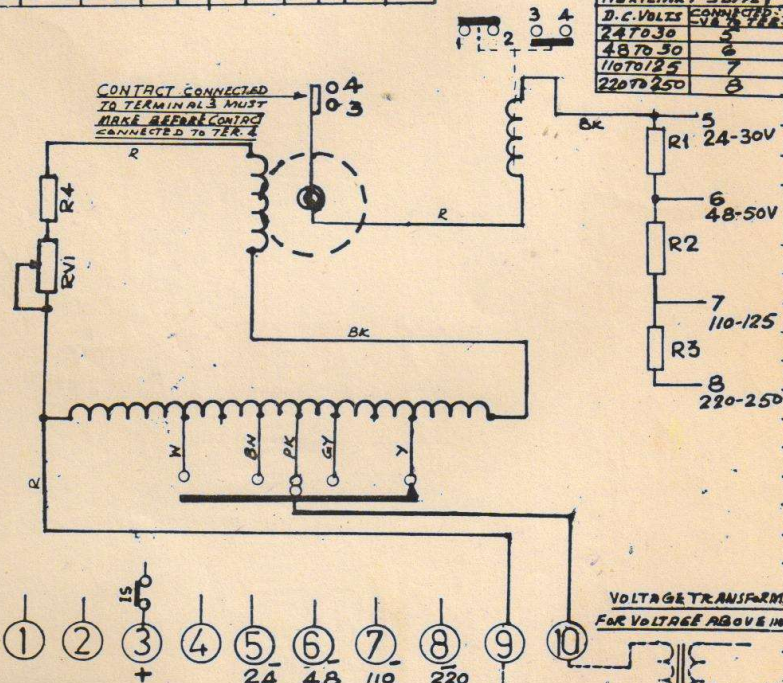


TYPE	NORMAL VOLTS	LEADS COLOURS & VOLTAGE TRAP - VALUE								FAT. TRANS. SUPPLY WIRE
		NORMAL VOLTS								
VDG/3	110	54-90	99	88	77	66	55			NO
VDG/3	220	50-90	198	176	154	132	110			YES
VDG/3	230	50-90	207	184	161	138	115			YES
VDG/3	240	50-90	216	192	168	144	120			YES
VDG/3	250	50-90	225	200	175	150	125			YES
VDG/3	415	50-90	2735	332	293	249	204			YES
VDG/3	433	50-90	3079	344	303	253	204			YES
VDG/3	440	50-90	396	362	308	264	220			YES

CONTACT ARRANGEMENT				
PART No.	SELF RESET		HAND RESET	
	NORMALLY OPEN	CLOSED	NORMALLY OPEN	CLOSED
1	A4B	-	-	-
2	B	A	-	-
3	-	A4B	-	-
4	-	-	A4B	-
5	-	-	B	A
6	-	-	-	A4B

AUXILIARY SUPPLY	
D.C. VOLTS	CONNECTED -VOLTAGE
24 TO 30	5
48 TO 50	6
110 TO 125	7
220 TO 250	8



IS-ISOLATING SW. TERMINAL POSITIONS - VIEW FROM FRONT

NOTE:-- VDG 13 UNDER VOLTAGE DISC CONTACTS ARE NORMALLY CLOSED.

SHUNT AUX. CONTACTS ARE SUPPLIED NORMALLY OPEN (OR) ONE MAKE ONE BREAK, THE BREAK CONTACT BEING ON THE LEFT HAND SIDE. THEN CAN ALSO BE MADE AS A CO-ORDINATE PART. WHEN HAND ASLE MEET THE HAND RESET IS.

TITLE	WIRING DIAGRAM-VDG13	UNIVERSAL VOLTAGE RELAY	SCALE
			DEPT.

THE ENGLISH ELECTRIC CO.
OF INDIA LTD. MADRAS-43

DRG MAD7 816-28