



RELAY	DESCRIPTION	APPLY TO	REMARKS
21	START UP TRANS 2A OVER CURRENT RELAY	21/2100	
22	400V SYNCHRONISM CHECK RELAY	22/2200	APPLICABLE TO 400V BUS 400V
23	400V SWITCHGEAR 2L OVER CURRENT RELAY	23/2300	
24	GROUND SENSOR RELAY	24/2400	APPLICABLE TO 400V BUS TO 400V, 450V TO 400V
25	400V SERV TRANS 1B OVER CURRENT RELAY	25/2500	
26	400V SERV TRANS 2B OVER CURRENT RELAY	26/2600	
27	400V SERV TRANS 3B OVER CURRENT RELAY	27/2700	
28	400V SERV TRANS 4B OVER CURRENT RELAY	28/2800	
29	400V SERV TRANS 5B OVER CURRENT RELAY	29/2900	
30	400V SERV TRANS 6B OVER CURRENT RELAY	30/3000	
31	400V SERV TRANS 7B OVER CURRENT RELAY	31/3100	
32	400V SERV TRANS 8B OVER CURRENT RELAY	32/3200	
33	400V SERV TRANS 9B OVER CURRENT RELAY	33/3300	
34	400V SERV TRANS 10B OVER CURRENT RELAY	34/3400	
35	400V SERV TRANS 11B OVER CURRENT RELAY	35/3500	
36	400V SERV TRANS 12B OVER CURRENT RELAY	36/3600	
37	400V SERV TRANS 13B OVER CURRENT RELAY	37/3700	
38	400V SERV TRANS 14B OVER CURRENT RELAY	38/3800	
39	400V SERV TRANS 15B OVER CURRENT RELAY	39/3900	
40	400V SERV TRANS 16B OVER CURRENT RELAY	40/4000	
41	400V SERV TRANS 17B OVER CURRENT RELAY	41/4100	
42	400V SERV TRANS 18B OVER CURRENT RELAY	42/4200	
43	400V SERV TRANS 19B OVER CURRENT RELAY	43/4300	
44	400V SERV TRANS 20B OVER CURRENT RELAY	44/4400	
45	400V SERV TRANS 21B OVER CURRENT RELAY	45/4500	
46	400V SERV TRANS 22B OVER CURRENT RELAY	46/4600	
47	400V SERV TRANS 23B OVER CURRENT RELAY	47/4700	
48	400V SERV TRANS 24B OVER CURRENT RELAY	48/4800	
49	400V SERV TRANS 25B OVER CURRENT RELAY	49/4900	
50	400V SERV TRANS 26B OVER CURRENT RELAY	50/5000	
51	400V SERV TRANS 27B OVER CURRENT RELAY	51/5100	
52	400V SERV TRANS 28B OVER CURRENT RELAY	52/5200	
53	400V SERV TRANS 29B OVER CURRENT RELAY	53/5300	
54	400V SERV TRANS 30B OVER CURRENT RELAY	54/5400	
55	400V SERV TRANS 31B OVER CURRENT RELAY	55/5500	
56	400V SERV TRANS 32B OVER CURRENT RELAY	56/5600	
57	400V SERV TRANS 33B OVER CURRENT RELAY	57/5700	
58	400V SERV TRANS 34B OVER CURRENT RELAY	58/5800	
59	400V SERV TRANS 35B OVER CURRENT RELAY	59/5900	
60	400V SERV TRANS 36B OVER CURRENT RELAY	60/6000	
61	400V SERV TRANS 37B OVER CURRENT RELAY	61/6100	
62	400V SERV TRANS 38B OVER CURRENT RELAY	62/6200	
63	400V SERV TRANS 39B OVER CURRENT RELAY	63/6300	
64	400V SERV TRANS 40B OVER CURRENT RELAY	64/6400	
65	400V SERV TRANS 41B OVER CURRENT RELAY	65/6500	
66	400V SERV TRANS 42B OVER CURRENT RELAY	66/6600	
67	400V SERV TRANS 43B OVER CURRENT RELAY	67/6700	
68	400V SERV TRANS 44B OVER CURRENT RELAY	68/6800	
69	400V SERV TRANS 45B OVER CURRENT RELAY	69/6900	
70	400V SERV TRANS 46B OVER CURRENT RELAY	70/7000	
71	400V SERV TRANS 47B OVER CURRENT RELAY	71/7100	
72	400V SERV TRANS 48B OVER CURRENT RELAY	72/7200	
73	400V SERV TRANS 49B OVER CURRENT RELAY	73/7300	
74	400V SERV TRANS 50B OVER CURRENT RELAY	74/7400	
75	400V SERV TRANS 51B OVER CURRENT RELAY	75/7500	
76	400V SERV TRANS 52B OVER CURRENT RELAY	76/7600	
77	400V SERV TRANS 53B OVER CURRENT RELAY	77/7700	
78	400V SERV TRANS 54B OVER CURRENT RELAY	78/7800	
79	400V SERV TRANS 55B OVER CURRENT RELAY	79/7900	
80	400V SERV TRANS 56B OVER CURRENT RELAY	80/8000	
81	400V SERV TRANS 57B OVER CURRENT RELAY	81/8100	
82	400V SERV TRANS 58B OVER CURRENT RELAY	82/8200	
83	400V SERV TRANS 59B OVER CURRENT RELAY	83/8300	
84	400V SERV TRANS 60B OVER CURRENT RELAY	84/8400	
85	400V SERV TRANS 61B OVER CURRENT RELAY	85/8500	
86	400V SERV TRANS 62B OVER CURRENT RELAY	86/8600	
87	400V SERV TRANS 63B OVER CURRENT RELAY	87/8700	
88	400V SERV TRANS 64B OVER CURRENT RELAY	88/8800	
89	400V SERV TRANS 65B OVER CURRENT RELAY	89/8900	
90	400V SERV TRANS 66B OVER CURRENT RELAY	90/9000	
91	400V SERV TRANS 67B OVER CURRENT RELAY	91/9100	
92	400V SERV TRANS 68B OVER CURRENT RELAY	92/9200	
93	400V SERV TRANS 69B OVER CURRENT RELAY	93/9300	
94	400V SERV TRANS 70B OVER CURRENT RELAY	94/9400	
95	400V SERV TRANS 71B OVER CURRENT RELAY	95/9500	
96	400V SERV TRANS 72B OVER CURRENT RELAY	96/9600	
97	400V SERV TRANS 73B OVER CURRENT RELAY	97/9700	
98	400V SERV TRANS 74B OVER CURRENT RELAY	98/9800	
99	400V SERV TRANS 75B OVER CURRENT RELAY	99/9900	
100	400V SERV TRANS 76B OVER CURRENT RELAY	100/10000	

NOTES

- 1 - DENOTES MAIN CONTROL ROOM IN MAIN CONTROL ROOM.
- 2 - DIESEL GENERATOR UNDER FREQUENCY PROTECTION FUNCTIONS ONLY. DIESEL GEN IS OPERATING IN PARALLEL WITH SYSTEM.
- 3 - WHEN MOTOR A & B RUNS TYPE DOWN-11.
- 4 - PHYSICAL ARRANGEMENT OF THE SWITCHGEAR CALLED THROUGH IS TO RIGHT TO LEFT FACED THE FRONT.
- 5 - FOR KEY INTERLOCKING OF BUS 21-30 (SEE D-207006).
- 6 - FOR KEY INTERLOCKING OF BUS 31-40 (SEE D-207006).
- 7 - FOR KEY INTERLOCKING OF BUS 41-50 (SEE D-207006).
- 8 - LCP - LOCAL CONTROL PANEL.
- 9 - 0-6 - DENOTES EMERG. POWER ZONED IN MAIN CONTROL ROOM.
- 10 - LCP - DENOTES LOCAL DIESEL PANEL.

REFERENCE DWGS

- D-207001 - SINGLE LINE DIAGRAM SYSTEM (400V & 450V)
- D-207002 - DIESEL GENERATOR AUTOMATIC START LOGIC CIRCUIT
- D-207003 - DIESEL GENERATOR AUTOMATIC STOP LOGIC CIRCUIT

APERTURE CARD

DATE _____ **BY** _____

REVISIONS

NO.	DESCRIPTION	DATE
1	ISSUED	10/1/66

PROJECT _____ **DRAWING NO.** D-207006

9712300431

PDR RIDS

9712300431

