

ABNORMAL TEST RESULTOF MODEL MMC8U-1/MMC8A-1

DRAWING NO.: BEE- 0012

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TESTING EQUIPMENT:

DC Current Meter --- YEW (Yokogawa Electric Works Ltd.)
TYPE 2051 Class 1.0

AC Voltage Meter --- YEW
TYPE 2052 Class 1.5

Digital Multimeter --- HP (Hewlett Packard)
3465A

Digital AC Meter --- YEW
TYPE 2504

ABNORMAL TEST OF MODEL MMC8U-1/MMC8A-1

SHORT TEST RESULT

	Component	Comment	Output Voltage (V)		Input Current (A)
1	SS1 1 - 2	Fuse F1 was blown out. No output voltage of all.	+5	0	0
			+12	0	
			-12	0	
2	SS1 2 - 3	Fuse F1 was blown out. No output voltage of all.	+5	0	0
			+12	0	
			-12	0	
3	SS1 3 - 4	Fuse F1 was blown out. No output voltage of all.	+5	0	0
			+12	0	
			-12	0	
4	C3	Fuse F1 was blown out. No output voltage of all.	+5	0	0
			+12	0	
			-12	0	
5	TR2 B - C	Fuse F1 was blown out. No output voltage of all.	+5	0	0
			+12	0	
			-12	0	
6	TR B - E	No output voltage of all.	+5	0	0
			+12	0	
			-12	0	
7	TR2 C - E	Fuse F1 was blown out. No output voltage of all. D4 was broken down.	+5	0	0
			+12	0	
			-12	0	
8	T1 5 - 8	Fuse F1 was blown out. No output voltage of all.	+5	0	0
			+12	0	
			-12	0	
9	T1 6 - 7	Fuse F1 was blown out. No output voltage of all.	+5	0	0
			+12	0	
			-12	0	
10	D5	Fuse F1 was blown out. No output voltage of all. TR2, ZD2, D10 and D4 were broken down.	+5	0	0
			+12	0	
			-12	0	
11	C7	Output voltage of all were decreased.	+5	+0.016	0.014
			+12	+0.030	
			-12	-0.021	

ABNORMAL TEST OF MODEL MMC8U-1/MMC8A-1

OPEN TEST RESULT

	Component	Comment	Output Voltage (V)		Input Current (A)
1	C3	Output voltage of +5 was decreased.	+5	+4.6	0.128
			+12	+12	
			-12	-12	
2	TR2 B	No output voltage of all.	+5	0	0
			+12	0	
			-12	0	
3	TR2 C	No output voltage of all.	+5	0	0
			+12	0	
			-12	0	
4	TR2 E	No output voltage of all.	+5	0	0
			+12	0	
			-12	0	
5	R7	No output voltage of all.	+5	0	0
			+12	0	
			-12	0	
6	R12	Output voltage of all were unstable.	+5	+8.0 ~ +10.3	0.288
			+12	+12 ~ +0.2	
			-12	-12 ~ -0.2	0.366