

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 1.0AC Voltage Meter --- YEW
TYPE 2052 Class 1.5Digital Multimeter --- HP (Hewlett Packard)
3465ADigital 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

SHORT TEST RESULT

	Component	Comment	Output Voltage (V)		Input Current (A)
12	D6	Fuse F1 was blown out. No output voltage of all. TR2, ZD2, D10, D4 and IC2 were broken down.	+5	0	0
			+12	0	
			-12	0	
13	C12	Output voltage of +5 was decreased. No output voltage of +12 and -12.	+5	0.148	0.018
			+12	0	
			-12	0	
14	D8	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	
15	C14	Output voltage of +5 was decreased. No output voltage of +12 and -12.	+5	+0.135	0.018
			+12	0	
			-12	0	

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