

ABNORMAL TEST RESULT

OF MODEL BRNS6

1. Did Cheese Cloth or Paper Glow?

No.

2. Did Ground Fuse Open?

No.

3. Dielectric breakdown?

No.

4. Other Results?

See the following pages .

(FMEA : 2/ 7 ~ 6/ 7)

(Abnormal Test Result: 7/ 7 ~ 7/ 7)

There was no emission of flame, molten metal, ignition of cheesecloth, dielectric breakdown, opening of the ground fuse, other indication of a shock or fire hazard.

F M E A

Component	Mode	Comment	Output Voltage (V)
C11	Open	Normal operation.	
	Short	External Fuse opened, No hazard.	AVR1:0
C21	Open	Normal operation.	
	Short	Normal operation.	
C31	Open	Normal operation.	
	Short	Normal operation.	
C32	Open	Normal operation.	
	Short	No hazard.	AVR1:0
C41	Open	Normal operation.	
	Short	No hazard.	AVR1:0
C42	Open	No hazard.	AVR1:0
	Short	No hazard.	AVR1:0
C43	Open	No hazard.	AVR1:0
	Short	No hazard.	AVR1:0
C51	Open	No hazard.	AVR1:0
	Short	Normal operation.	
C52	Open	Normal operation.	
	Short	No hazard.	AVR1:0
C61	Open	Normal operation.	
	Short	Output voltage decreased. No hazard.	AVR1:decreased
C62	Open	No hazard.	AVR1:0
	Short	Output voltage decreased. No hazard.	AVR1:decreased
C63	Open	Normal operation.	
C71	Open	No hazard.	AVR1:0

F M E A

Component	Mode		Comment	Output Voltage (V)
C71	Short		See 7 Page.	
D31	Open		Normal operation.	
	Short		Normal operation.	
D41	Open		No hazard.	AVR1:0
	Short		No hazard.	AVR1:0
IC41	Open	1	Normal operation.	
		2	No hazard.	AVR1:0
		3	Output voltage increased. No hazard.	AVR1:Increased
		4	No hazard.	AVR1:0
		5	Normal operation.	
		6	Normal operation.	
		7	Normal operation.	
		8	No hazard.	AVR1:0
		9	Normal operation.	
		10	Normal operation.	
		11	Normal operation.	
		12	No hazard.	AVR1:0
		13	No hazard.	AVR1:0
		14	No hazard.	AVR1:0
		15	See 7 Page.	
		16	No hazard.	AVR1:0
		17	No hazard.	AVR1:0
		18	No hazard.	AVR1:0
		19	Normal operation.	

F M E A

Component	Mode		Comment	Output Voltage (V)
IC41	Open	20	Normal operation.	
		21	Normal operation.	
		22	Normal operation.	
		23	Normal operation.	
		24	No hazard.	AVR1:0
	Short	1-2	No hazard.	AVR1:0
		2-3	Output voltage increased. No hazard.	AVR1:Increased
		3-4	No hazard.	AVR1:0
		4-5	Normal operation.	
		5-6	Normal operation.	
		6-7	Normal operation.	
		7-8	No hazard.	AVR1:0
		8-9	Normal operation.	
		9-10	Normal operation.	
		10-11	Normal operation.	
		11-12	Normal operation.	
		12-13	No hazard.	AVR1:0
		13-14	No hazard.	AVR1:0
		14-15	External Fuse opened, No hazard.	AVR1:0
		15-16	See 7 Page.	
		16-17	No hazard.	AVR1:0
		17-18	External Fuse opened, No hazard.	AVR1:0
		18-19	No hazard.	AVR1:0
		19-20	Normal operation.	

F M E A

Component	Mode		Comment	Output Voltage (V)
IC41	Short	20-21	Normal operation.	
		21-22	Normal operation.	
		22-23	Normal operation.	
		23-24	No hazard.	AVR1:0
L11	Open		No hazard.	AVR1:0
	Short		Normal operation.	
TR11	Open	D	No hazard.	AVR1:0
		S	No hazard.	AVR1:0
		G	No hazard.	AVR1:0
	Short	D-S	External Fuse opened, No hazard.	AVR1:0
		S-G	No hazard.	AVR1:0
		G-D	See 7 Page.	
TR12	Open	D	See 7 Page.	
		S	See 7 Page.	
		G	See 7 Page.	
	Short	D-S	See 7 Page.	
		S-G	See 7 Page.	
		G-D	See 7 Page.	
TR21	Open	C	Normal operation.	
		E	Normal operation.	
		B	Normal operation.	
	Short	C-E	No hazard.	AVR1:0
		E-B	Normal operation.	
		B-C	Normal operation.	

F M E A

Component	Mode	Comment	Output Voltage (V)
ZD21	Open	Normal operation.	
	Short	No hazard.	AVR1:0
R21	Open	Normal operation.	
R22	Open	Normal operation.	
R23	Open	Normal operation.	
R24	Open	Normal operation.	
R31	Open	Normal operation.	
R32	Open	Normal operation.	
R33	Open	Normal operation.	
R41	Open	No hazard.	AVR1:0
R42	Open	No hazard.	AVR1:0
R43	Open	No hazard.	AVR1:0
R44	Open	Normal operation.	
R45	Open	See 7 Page.	
R46	Open	Normal operation.	
R47	Open	No hazard.	AVR1:0
R51	Open	Normal operation.	
R52	Open	Normal operation.	
R61	Open	Normal operation.	
R62	Open	Output voltage increased. No hazard.	AVR1:Increased
R63	Open	Normal operation.	
R64	Open	Output voltage increased. No hazard.	AVR1:Increased
R71	Open	Normal operation.	

ABNORMAL TEST RESULT

Component	Mode		Comment	Output Voltage (V)
C71	Short		No hazard.	AVR1:0
IC41	Open	15	No hazard.	AVR1:*
	Short	15-16	No hazard.	AVR1:0
TR11	Short	G-D	Output voltage increased. No hazard.	AVR1:Increased
TR12	Open	D	No hazard.	AVR1:*
		S	No hazard.	AVR1:*
		G	No hazard.	AVR1:*
	Short	D-S	No hazard.	AVR1:0
		S-G	No hazard.	AVR1:*
		G-D	No hazard.	AVR1:0
R45	Open		No hazard.	AVR1:*