ABNORMAL TEST RESULT

OF MODEL PLA600F

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   : 2/31 ～ 29/31)
(Abnormal Test Result: 30/31 ～ 31/31)

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.

CO$EL

Component	Mode	Comment	Output Voltage (V)
C101	Open	Normal operation.	AVR1:*
	Short	F101 opened, No hazard.	AVR1:0
C102	Open	Normal operation.	AVR1:*
	Short	F101 opened, No hazard.	AVR1:0
C105	Open	No Hazard.	AVR1:0
	Short	R180 opened, No hazard.	AVR1:0
C107	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C109	Open	No Hazard.	AVR1:0
	Short	No Hazard.	AVR1:0
C110	Open	No Hazard.	AVR1:0
	Short	Normal operation.	AVR1:*
C111	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C112	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C113	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C114	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C115	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C116	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0

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F M E A

Component	Mode	Comment	Output Voltage (V)
C117	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C119	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C120	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C121	Open	No Hazard.	AVR1:0
	Short	R180 opened, No hazard.	AVR1:0
C164	Open	Normal operation.	AVR1:*
	Short	See 30 Page.	
C165	Open	Normal operation.	AVR1:*
	Short	See 30 Page.	
C180	Open	Normal operation.	AVR1:*
	Short	R180 opened, No hazard.	AVR1:0
C181	Open	R180 opened, No hazard.	AVR1:0
	Short	Normal operation.	AVR1:*
C201	Open	Normal operation.	AVR1:*
	Short	See 30 Page.	
C202	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased. No hazard.	AVR1:decreased
C203	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C204	Open	No Hazard.	AVR1:0
	Short	No Hazard.	AVR1:0

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F M E A

Component	Mode	Comment	Output Voltage (V)
C205	Open	No Hazard.	AVR1:0
	Short	Normal operation.	AVR1:*
C207	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C210	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C211	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C213	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased. No hazard.	AVR1:decreased
C214	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C250	Open	Normal operation.	AVR1:*
	Short	See 30 Page.	
C251	Open	Normal operation.	AVR1:*
	Short	See 30 Page.	
C270	Open	Normal operation.	AVR1:*
	Short	See 30 Page.	
C271	Open	Normal operation.	AVR1:*
	Short	See 30 Page.	
C501	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C502	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*

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Component	Mode	Comment	Output Voltage (V)
C503	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C504	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C505	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C506	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C507	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C508	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C510	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased. No hazard.	AVR1:decreased
C511	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased. No hazard.	AVR1:decreased
C512	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased. No hazard.	AVR1:decreased
C513	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased. No hazard.	AVR1:decreased
C514	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased. No hazard.	AVR1:decreased
C522	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*

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Component	Mode		Comment	Output Voltage (V)
C523	Open		Normal operation.	AVR1:*
	Short		Normal operation.	AVR1:*
C601	Open		Output voltage decreased. No hazard.	AVR1:decreased
	Short		Output voltage decreased. No hazard.	AVR1:decreased
C605	Open		Output voltage decreased. No hazard.	AVR1:decreased
	Short		Output voltage decreased. No hazard.	AVR1:decreased
C606	Open		Normal operation.	AVR1:*
	Short		Output voltage decreased. No hazard.	AVR1:decreased
C702	Open		Normal operation.	AVR1:*
	Short		Output voltage decreased. No hazard.	AVR1:decreased
C703	Open		Normal operation.	AVR1:*
	Short		Normal operation.	AVR1:*
C704	Open		Normal operation.	AVR1:*
	Short		See 30 Page.	
C801	Open		Normal operation.	AVR1:*
	Short		Normal operation.	AVR1:*
C802	Open		Normal operation.	AVR1:*
	Short		Normal operation.	AVR1:*
C803	Open		Normal operation.	AVR1:*
	Short		Normal operation.	AVR1:*
CN701	Open		Normal operation.	AVR1:*
	Short		Normal operation.	AVR1:*
CN1	Open	1	No Hazard.	AVR1:0
		2	No Hazard.	AVR1:0

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Component	Mode		Comment	Output Voltage (V)
CN1	Open	3	No Hazard.	AVR1:0
		4	No Hazard.	AVR1:0
		5	Normal operation.	AVR1:*
		6	Normal operation.	AVR1:*
		7	Normal operation.	AVR1:*
		9	No Hazard.	AVR1:0
		10	No Hazard.	AVR1:0
	Short	1-2	Normal operation.	AVR1:*
		1-3	Normal operation.	AVR1:*
		2-4	Normal operation.	AVR1:*
		3-5	Normal operation.	AVR1:*
		3-4	No Hazard.	AVR1:0
		5-6	Normal operation.	AVR1:*
		5-7	Normal operation.	AVR1:*
		7-9	Normal operation.	AVR1:*
		9-10	Normal operation.	AVR1:*
CN801	Open	1	No Hazard.	AVR1:0
		2	No Hazard.	AVR1:0
		3	No Hazard.	AVR1:0
		4	No Hazard.	AVR1:0
		5	No Hazard.	AVR1:0
		6	No Hazard.	AVR1:0
		7	Normal operation.	AVR1:*
		8	Normal operation.	AVR1:*

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Component	Mode		Comment	Output Voltage (V)
CN801	Short	1-2	No Hazard.	AVR1:0
		2-3	Normal operation.	AVR1:*
		3-4	Normal operation.	AVR1:*
		4-5	Output voltage decreased. No hazard.	AVR1:decreased
		5-6	Normal operation.	AVR1:*
		6-7	Normal operation.	AVR1:*
		7-8	Normal operation.	AVR1:*
D101	Open		Normal operation.	AVR1:*
	Short		Normal operation.	AVR1:*
D102	Open		Normal operation.	AVR1:*
	Short		Normal operation.	AVR1:*
D103	Open		Normal operation.	AVR1:*
	Short		Normal operation.	AVR1:*
D104	Open		Normal operation.	AVR1:*
	Short		Normal operation.	AVR1:*
D105	Open		Normal operation.	AVR1:*
	Short		Normal operation.	AVR1:*
D106	Open		Normal operation.	AVR1:*
	Short		No Hazard.	AVR1:0
D107	Open		Normal operation.	AVR1:*
	Short		No Hazard.	AVR1:0
D108	Open		Normal operation.	AVR1:*
	Short		No Hazard.	AVR1:0
D160	Open		Normal operation.	AVR1:*

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F M E A

Component	Mode	Comment	Output Voltage (V)
D160	Short	Normal operation.	AVR1:*
D180	Open	R180 opened, No hazard.	AVR1:0
	Short	R180 opened, No hazard.	AVR1:0
D181	Open	R180 opened, No hazard.	AVR1:0
	Short	R180 opened, No hazard.	AVR1:0
D201	Open	Output voltage decreased. No hazard.	AVR1:decreased
	Short	See 30 Page.	
D202	Open	Output voltage decreased. No hazard.	AVR1:decreased
	Short	Normal operation.	AVR1:*
D203	Open	Output voltage decreased. No hazard.	AVR1:decreased
	Short	Normal operation.	AVR1:*
D205	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D206	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D207	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D208	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
D250	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D251	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D270	Open	Normal operation.	AVR1:*

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F M E A

Component	Mode		Comment	Output Voltage (V)
D270	Short		See 30 Page.	
D701	Open		Normal operation.	AVR1:*
	Short		Normal operation.	AVR1:*
D702	Open		Normal operation.	AVR1:*
	Short		Normal operation.	AVR1:*
D703	Open		Normal operation.	AVR1:*
	Short		Normal operation.	AVR1:*
FAN701	Open	1	Normal operation.	AVR1:*
		2	Normal operation.	AVR1:*
	Short	1-2	Normal operation.	AVR1:*
IC101	Open	1	No Hazard.	AVR1:0
		2	No Hazard.	AVR1:0
		3	No Hazard.	AVR1:0
		4	No Hazard.	AVR1:0
		5	No Hazard.	AVR1:0
		6	No Hazard.	AVR1:0
		7	No Hazard.	AVR1:0
		8	No Hazard.	AVR1:0
	Short	1-2	Normal operation.	AVR1:*
		2-3	Normal operation.	AVR1:*
		3-4	No Hazard.	AVR1:0
		5-6	No Hazard.	AVR1:0
		6-7	No Hazard.	AVR1:0
		7-8	F101 opened, No hazard.	AVR1:0

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Component	Mode		Comment	Output Voltage (V)
IC201	Open	1	No Hazard.	AVR1:0
		2	No Hazard.	AVR1:0
		3	Normal operation.	AVR1:*
		4	No Hazard.	AVR1:0
		5	No Hazard.	AVR1:0
		6	No Hazard.	AVR1:0
		7	Normal operation.	AVR1:*
		8	No Hazard.	AVR1:0
	Short	1-2	No Hazard.	AVR1:0
		2-3	No Hazard.	AVR1:0
		3-4	Normal operation.	AVR1:*
		5-6	F101 opened, No hazard.	AVR1:0
		6-7	Normal operation.	AVR1:*
		7-8	Normal operation.	AVR1:*
IC601	Open	K	No Hazard.	AVR1:0
		A	No Hazard.	AVR1:0
		R	No Hazard.	AVR1:0
	Short	A-K	Output voltage decreased. No hazard.	AVR1:decreased
		K-R	Output voltage decreased. No hazard.	AVR1:decreased
		R-A	No Hazard.	AVR1:0
IC701	Open	1	Normal operation.	AVR1:*
		2	Normal operation.	AVR1:*
		3	Normal operation.	AVR1:*
	Short	1-2	Normal operation.	AVR1:*

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Component	Mode		Comment	Output Voltage (V)
IC701	Short	2-3	Normal operation.	AVR1:*
		1-3	Normal operation.	AVR1:*
J201	Open		No Hazard.	AVR1:0
J601	Open		No Hazard.	AVR1:0
J602	Open		No Hazard.	AVR1:0
J603	Open		No Hazard.	AVR1:0
L101	Open		No Hazard.	AVR1:0
	Short		Normal operation.	AVR1:*
L102	Open		No Hazard.	AVR1:0
	Short		Normal operation.	AVR1:*
L103	Open	1	R180 opened, No hazard.	AVR1:0
		3	R180 opened, No hazard.	AVR1:0
		4	Normal operation.	AVR1:*
		6	Normal operation.	AVR1:*
		8,9	No Hazard.	AVR1:0
		11,12	No Hazard.	AVR1:0
	Short	3-4	R180 opened, No hazard.	AVR1:0
L104	Open		See 30 Page.	
	Short		Normal operation.	AVR1:*
L105	Open		See 30 Page.	
	Short		Normal operation.	AVR1:*
L106	Open		Normal operation.	AVR1:*
	Short		Normal operation.	AVR1:*
L107	Open		Normal operation.	AVR1:*

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Component	Mode		Comment	Output Voltage (V)
L107	Short		Normal operation.	AVR1:*
L507	Open	1	No Hazard.	AVR1:0
		2	No Hazard.	AVR1:0
		3	Normal operation.	AVR1:*
		4	Normal operation.	AVR1:*
	Short	1-2	Output voltage decreased. No hazard.	AVR1:decreased
		3-4	Output voltage decreased. No hazard.	AVR1:decreased
LED501	Open		Normal operation.	AVR1:*
	Short		Normal operation.	AVR1:*
PC201	Open	A, K	No Hazard.	AVR1:0
		C, E	No Hazard.	AVR1:0
	Short	A-K	No Hazard.	AVR1:0
		C-E	No Hazard.	AVR1:0
PC202	Open	A, K	Normal operation.	AVR1:*
		C, E	Normal operation.	AVR1:*
	Short	A-K	Normal operation.	AVR1:*
		C-E	No Hazard.	AVR1:0
PC203	Open	A, K	No Hazard.	AVR1:0
		C, E	No Hazard.	AVR1:0
	Short	A-K	No Hazard.	AVR1:0
		C-E	Normal operation.	AVR1:*
PC801	Open	A, K	Normal operation.	AVR1:*
		C, E	Normal operation.	AVR1:*
	Short	A-K	Normal operation.	AVR1:*

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<u>F M E A</u>

Component	Mode		Comment	Output Voltage (V)
PC801	Short	C-E	Normal operation.	AVR1:*
SCR101	Open	T1	R180 opened, No hazard.	AVR1:0
		T2	R180 opened, No hazard.	AVR1:0
		G	R180 opened, No hazard.	AVR1:0
	Short	T1-T2	Normal operation.	AVR1:*
		T1-G	R180 opened, No hazard.	AVR1:0
		T2-G	R180 opened, No hazard.	AVR1:0
SS101	Open		No Hazard.	AVR1:0
	Short		F101 opened, No hazard.	AVR1:0
SS102	Open		See 30 Page.	
	Short		No Hazard.	AVR1:0
SS501	Open	Cathod	No Hazard.	AVR1:0
		Alternative	No Hazard.	AVR1:0
	Short	Cathod	No Hazard.	AVR1:*
		Alternative	No Hazard.	AVR1:*
SS502	Open	Cathod	See 30 Page.	
		Alternative	See 30 Page.	
	Short	Cathod	No Hazard.	AVR1:*
		Alternative	No Hazard.	AVR1:*
SS503	Open	Cathod	See 30 Page.	
		Alternative	See 30 Page.	
	Short	Cathod	No Hazard.	AVR1:*
		Alternative	No Hazard.	AVR1:*
T201	Open	1	See 30 Page.	

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Component	Mode		Comment	Output Voltage (V)
T201	Open	2	See 30 Page.	
		4	No Hazard.	AVR1:*
		5	No Hazard.	AVR1:0
		6	No Hazard.	AVR1:0
		7	Normal operation.	AVR1:*
		8	Normal operation.	AVR1:*
		9	Normal operation.	AVR1:*
		10	Normal operation.	AVR1:*
		11	Normal operation.	AVR1:*
		12	Normal operation.	AVR1:*
	Short	1-2	See 30 Page.	
		4-5	See 30 Page.	
		5-6	See 30 Page.	
		9-10	See 30 Page.	
T202	Open	1	No Hazard.	AVR1:0
		2	No Hazard.	AVR1:0
		3	Normal operation.	AVR1:*
		4	Normal operation.	AVR1:*
	Short	2011/01/02	Normal operation.	AVR1:*
		2011/03/04	Normal operation.	AVR1:*
TR101	Open	D	Normal operation.	AVR1:*
		S	Normal operation.	AVR1:*
		G	Normal operation.	AVR1:*
	Short	D-S	Normal operation.	AVR1:*

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F M E A

Component	Mode		Comment	Output Voltage (V)
TR105	Short	E-B	Normal operation.	AVR1:*
		B-C	R180 opened, No hazard.	AVR1:0
TR106	Open	D	Normal operation.	AVR1:*
		S	Normal operation.	AVR1:*
		G	Normal operation.	AVR1:*
	Short	D-S	Normal operation.	AVR1:*
		S-G	Normal operation.	AVR1:*
		G-D	Normal operation.	AVR1:*
TR107	Open	C	Normal operation.	AVR1:*
		E	Normal operation.	AVR1:*
		B	Normal operation.	AVR1:*
	Short	C-E	No Hazard.	AVR1:0
		E-B	Normal operation.	AVR1:*
		B-C	No Hazard.	AVR1:0
TR108	Open	C	Normal operation.	AVR1:*
		E	Normal operation.	AVR1:*
		B	Normal operation.	AVR1:*
	Short	C-E	Normal operation.	AVR1:*
		E-B	Normal operation.	AVR1:*
		B-C	Normal operation.	AVR1:*
TR201	Open	D	See 31 Page.	
		S	See 31 Page.	
		G	See 31 Page.	
	Short	D-S	See 31 Page.	

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Component	Mode		Comment	Output Voltage (V)
TR201	Short	S-G	See　31 Page.	
		G-D	See　31 Page.	
TR203	Open	C	Normal operation.	AVR1:*
		E	No Hazard.	AVR1:0
		B	No Hazard.	AVR1:0
	Short	C-E	F101 opened,No hazard.	AVR1:0
		E-B	Normal operation.	AVR1:*
		B-C	Normal operation.	AVR1:*
TR204	Open	C	F101 opened,No hazard.	AVR1:0
		E	F101 opened,No hazard.	AVR1:0
		B	F101 opened,No hazard.	AVR1:0
	Short	C-E	No Hazard.	AVR1:0
		E-B	F101 opened,No hazard.	AVR1:0
		B-C	No Hazard.	AVR1:0
TR205	Open	C	Normal operation.	AVR1:*
		E	Normal operation.	AVR1:*
		B	Normal operation.	AVR1:*
	Short	C-E	No Hazard.	AVR1:0
		E-B	Normal operation.	AVR1:*
		B-C	No Hazard.	AVR1:0
TR207	Open	D	Normal operation.	AVR1:*
		S	Normal operation.	AVR1:*
		G	Normal operation.	AVR1:*
	Short	D-S	Normal operation.	AVR1:*

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Component	Mode		Comment	Output Voltage (V)
TR201	Short	S-G	No Hazard.	AVR1:0
		G-D	No Hazard.	AVR1:*
TR203	Open	C	Normal operation.	AVR1:*
		E	No Hazard.	AVR1:0
		B	No Hazard.	AVR1:0
	Short	C-E	F101 opened, No hazard.	AVR1:0
		E-B	Normal operation.	AVR1:*
		B-C	Normal operation.	AVR1:*
TR204	Open	C	F101 opened, No hazard.	AVR1:0
		E	F101 opened, No hazard.	AVR1:0
		B	F101 opened, No hazard.	AVR1:0
	Short	C-E	No Hazard.	AVR1:0
		E-B	F101 opened, No hazard.	AVR1:0
		B-C	No Hazard.	AVR1:0
TR205	Open	C	Normal operation.	AVR1:*
		E	Normal operation.	AVR1:*
		B	Normal operation.	AVR1:*
	Short	C-E	No Hazard.	AVR1:0
		E-B	Normal operation.	AVR1:*
		B-C	No Hazard.	AVR1:0
TR207	Open	D	Normal operation.	AVR1:*
		S	Normal operation.	AVR1:*
		G	Normal operation.	AVR1:*
	Short	D-S	Normal operation.	AVR1:*

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Component	Mode		Comment	Output Voltage (V)
TR207	Short	S-G	Normal operation.	AVR1:*
		G-D	Normal operation.	AVR1:*
TR208	Open	D	Normal operation.	AVR1:*
		S	Normal operation.	AVR1:*
		G	Normal operation.	AVR1:*
	Short	D-S	No Hazard.	AVR1:0
		S-G	Normal operation.	AVR1:*
		G-D	No Hazard.	AVR1:0
TR209	Open	D	Normal operation.	AVR1:*
		S	Normal operation.	AVR1:*
		G	Normal operation.	AVR1:*
	Short	D-S	No Hazard.	AVR1:0
		S-G	Normal operation.	AVR1:*
		G-D	No Hazard.	AVR1:0
VR201	Open	brush	Output voltage decreased. No hazard.	AVR1:出力低下
			Output voltage decreased. No hazard.	AVR1:出力低下
	Short		Normal operation.	AVR1:*
VR601	Open	brush	Output voltage decreased. No hazard.	AVR1:出力低下
			Output voltage decreased. No hazard.	AVR1:decreased
	Short		No Hazard.	AVR1:0
ZD101	Open		Normal operation.	AVR1:*
	Short		No Hazard.	AVR1:0
ZD102	Open		Normal operation.	AVR1:*
	Short		No Hazard.	AVR1:0

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F M E A

Component	Mode	Comment	Output Voltage (V)
ZD103	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
ZD104	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
ZD201	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
ZD501	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
ZD502	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
ZD801	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
ZD802	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
R101	Open	Normal operation.	AVR1:*
R102	Open	Normal operation.	AVR1:*
R103	Open	Normal operation.	AVR1:*
R104	Open	Normal operation.	AVR1:*
R105	Open	Normal operation.	AVR1:*
R106	Open	Normal operation.	AVR1:*
R107	Open	Normal operation.	AVR1:*
R108	Open	No Hazard.	AVR1:0
R109	Open	No Hazard.	AVR1:0
R110	Open	No Hazard.	AVR1:0

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F M E A

Component	Mode	Comment	Output Voltage (V)
R111	Open	No Hazard.	AVR1:0
R112	Open	No Hazard.	AVR1:0
R113	Open	Normal operation.	AVR1:*
R114	Open	Normal operation.	AVR1:*
R115	Open	Normal operation.	AVR1:*
R116	Open	Normal operation.	AVR1:*
R117	Open	Normal operation.	AVR1:*
R118	Open	Normal operation.	AVR1:*
R119	Open	Normal operation.	AVR1:*
R120	Open	Normal operation.	AVR1:*
R121	Open	Normal operation.	AVR1:*
R122	Open	No Hazard.	AVR1:0
R123	Open	Normal operation.	AVR1:*
R124	Open	Normal operation.	AVR1:*
R125	Open	Normal operation.	AVR1:*
R126	Open	Normal operation.	AVR1:*
R127	Open	Normal operation.	AVR1:*
R128	Open	Normal operation.	AVR1:*
R129	Open	Normal operation.	AVR1:*
R130	Open	Normal operation.	AVR1:*
R132	Open	No Hazard.	AVR1:0
R133	Open	No Hazard.	AVR1:0
R134	Open	Normal operation.	AVR1:*
R135	Open	Normal operation.	AVR1:*

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Component	Mode	Comment	Output Voltage (V)
R136	Open	No Hazard.	AVR1:0
R137	Open	Normal operation.	AVR1:*
R138	Open	Normal operation.	AVR1:*
R139	Open	Normal operation.	AVR1:*
R140	Open	Normal operation.	AVR1:*
R141	Open	Normal operation.	AVR1:*
R142	Open	Normal operation.	AVR1:*
R143	Open	Normal operation.	AVR1:*
R144	Open	See 31 Page.	
R145	Open	See 31 Page.	
R146	Open	See 31 Page.	
R147	Open	See 31 Page.	
R148	Open	Normal operation.	AVR1:*
R149	Open	No Hazard.	AVR1:0
R150	Open	No Hazard.	AVR1:0
R151	Open	No Hazard.	AVR1:0
R152	Open	No Hazard.	AVR1:0
R153	Open	No Hazard.	AVR1:0
R154	Open	No Hazard.	AVR1:0
R155	Open	Normal operation.	AVR1:*
R162	Open	Normal operation.	AVR1:*
R163	Open	Normal operation.	AVR1:*
R164	Open	Normal operation.	AVR1:*
R165	Open	Normal operation.	AVR1:*

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Component	Mode	Comment	Output Voltage (V)
R166	Open	Normal operation.	AVR1:*
R167	Open	Normal operation.	AVR1:*
R168	Open	Normal operation.	AVR1:*
R169	Open	Normal operation.	AVR1:*
R170	Open	Normal operation.	AVR1:*
R180	Open	Normal operation.	AVR1:*
R181	Open	Normal operation.	AVR1:*
R182	Open	Normal operation.	AVR1:*
R183	Open	Normal operation.	AVR1:*
R184	Open	Normal operation.	AVR1:*
R185	Open	Normal operation.	AVR1:*
R186	Open	Normal operation.	AVR1:*
R201	Open	Normal operation.	AVR1:*
R202	Open	Normal operation.	AVR1:*
R203	Open	Normal operation.	AVR1:*
R204	Open	Normal operation.	AVR1:*
R205	Open	Normal operation.	AVR1:*
R206	Open	Normal operation.	AVR1:*
R207	Open	Normal operation.	AVR1:*
R208	Open	Normal operation.	AVR1:*
R209	Open	Normal operation.	AVR1:*
R210	Open	Normal operation.	AVR1:*
R211	Open	Normal operation.	AVR1:*
R212	Open	Normal operation.	AVR1:*

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Component	Mode	Comment	Output Voltage (V)
R213	Open	Normal operation.	AVR1:*
R214	Open	Normal operation.	AVR1:*
R215	Open	Normal operation.	AVR1:*
R220	Open	No Hazard.	AVR1:0
R221	Open	No Hazard.	AVR1:0
R222	Open	Normal operation.	AVR1:*
R223	Open	Normal operation.	AVR1:*
R224	Open	Normal operation.	AVR1:*
R226	Open	Output voltage decreased. No hazard.	AVR1:decreased
R227	Open	Normal operation.	AVR1:*
R228	Open	Normal operation.	AVR1:*
R229	Open	Normal operation.	AVR1:*
R230	Open	Normal operation.	AVR1:*
R231	Open	Normal operation.	AVR1:*
R232	Open	Normal operation.	AVR1:*
R233	Open	Normal operation.	AVR1:*
R234	Open	Normal operation.	AVR1:*
R235	Open	No Hazard.	AVR1:0
R236	Open	Normal operation.	AVR1:*
R237	Open	Normal operation.	AVR1:*
R239	Open	Normal operation.	AVR1:*
R240	Open	No Hazard.	AVR1:0
R241	Open	No Hazard.	AVR1:0
R250	Open	Normal operation.	AVR1:*

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Component	Mode	Comment	Output Voltage (V)
R251	Open	Normal operation.	AVR1:*
R270	Open	Normal operation.	AVR1:*
R271	Open	Normal operation.	AVR1:*
R272	Open	Normal operation.	AVR1:*
R274	Open	Normal operation.	AVR1:*
R275	Open	Normal operation.	AVR1:*
R276	Open	Normal operation.	AVR1:*
R277	Open	Normal operation.	AVR1:*
R278	Open	Normal operation.	AVR1:*
R279	Open	Normal operation.	AVR1:*
R280	Open	Normal operation.	AVR1:*
R281	Open	Normal operation.	AVR1:*
R501	Open	Normal operation.	AVR1:*
R502	Open	Normal operation.	AVR1:*
R503	Open	Normal operation.	AVR1:*
R504	Open	Normal operation.	AVR1:*
R505	Open	Normal operation.	AVR1:*
R506	Open	Normal operation.	AVR1:*
R507	Open	Normal operation.	AVR1:*
R508	Open	Normal operation.	AVR1:*
R509	Open	Normal operation.	AVR1:*
R510	Open	Normal operation.	AVR1:*
R511	Open	Normal operation.	AVR1:*
R512	Open	Normal operation.	AVR1:*

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<u>F M E A</u>

Component	Mode	Comment	Output Voltage (V)
R513	Open	Normal operation.	AVR1:*
R514	Open	Normal operation.	AVR1:*
R515	Open	Normal operation.	AVR1:*
R516	Open	Normal operation.	AVR1:*
R517	Open	Normal operation.	AVR1:*
R518	Open	Normal operation.	AVR1:*
R519	Open	Normal operation.	AVR1:*
R520	Open	Normal operation.	AVR1:*
R521	Open	Normal operation.	AVR1:*
R522	Open	Normal operation.	AVR1:*
R523	Open	Normal operation.	AVR1:*
R524	Open	Normal operation.	AVR1:*
R525	Open	Normal operation.	AVR1:*
R526	Open	Normal operation.	AVR1:*
R527	Open	Normal operation.	AVR1:*
R528	Open	Normal operation.	AVR1:*
R529	Open	Normal operation.	AVR1:*
R530	Open	Normal operation.	AVR1:*
R531	Open	Normal operation.	AVR1:*
R532	Open	Normal operation.	AVR1:*
R533	Open	Normal operation.	AVR1:*
R534	Open	Normal operation.	AVR1:*
R535	Open	Normal operation.	AVR1:*
R536	Open	Normal operation.	AVR1:*

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Component	Mode	Comment	Output Voltage (V)
R537	Open	Normal operation.	AVR1:*
R538	Open	Normal operation.	AVR1:*
R539	Open	Normal operation.	AVR1:*
R540	Open	Normal operation.	AVR1:*
R541	Open	Normal operation.	AVR1:*
R542	Open	Normal operation.	AVR1:*
R543	Open	Normal operation.	AVR1:*
R544	Open	Normal operation.	AVR1:*
R550	Open	Normal operation.	AVR1:*
R551	Open	Normal operation.	AVR1:*
R552	Open	Normal operation.	AVR1:*
R553	Open	Normal operation.	AVR1:*
R554	Open	Normal operation.	AVR1:*
R555	Open	Normal operation.	AVR1:*
R556	Open	Normal operation.	AVR1:*
R557	Open	Normal operation.	AVR1:*
R558	Open	Normal operation.	AVR1:*
R559	Open	Normal operation.	AVR1:*
R560	Open	Normal operation.	AVR1:*
R561	Open	Normal operation.	AVR1:*
R562	Open	Normal operation.	AVR1:*
R563	Open	Normal operation.	AVR1:*
R564	Open	Normal operation.	AVR1:*
R565	Open	Normal operation.	AVR1:*

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Component	Mode	Comment	Output Voltage (V)
R566	Open	Normal operation.	AVR1:*
R567	Open	Normal operation.	AVR1:*
R568	Open	Normal operation.	AVR1:*
R569	Open	Normal operation.	AVR1:*
R570	Open	Normal operation.	AVR1:*
R571	Open	Normal operation.	AVR1:*
R572	Open	Normal operation.	AVR1:*
R573	Open	Normal operation.	AVR1:*
R574	Open	Normal operation.	AVR1:*
R575	Open	Normal operation.	AVR1:*
R576	Open	Normal operation.	AVR1:*
R577	Open	Normal operation.	AVR1:*
R580	Open	Normal operation.	AVR1:*
R581	Open	Normal operation.	AVR1:*
R582	Open	Normal operation.	AVR1:*
R583	Open	Normal operation.	AVR1:*
R601	Open	No Hazard.	AVR1:0
R602	Open	Output voltage decreased. No hazard.	AVR1:decreased
R603	Open	Output voltage decreased. No hazard.	AVR1:decreased
R604	Open	Output voltage decreased. No hazard.	AVR1:decreased
R605	Open	Output voltage decreased. No hazard.	AVR1:decreased
R606	Open	No Hazard.	AVR1:0
R607	Open	No Hazard.	AVR1:0
R608	Open	No Hazard.	AVR1:0

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Component	Mode	Comment	Output Voltage (V)
R609	Open	No Hazard.	AVR1:0
R703	Open	Normal operation.	AVR1:*
R704	Open	Normal operation.	AVR1:*
R705	Open	Normal operation.	AVR1:*
R706	Open	Normal operation.	AVR1:*
R801	Open	No Hazard.	AVR1:0
R802	Open	No Hazard.	AVR1:0
R803	Open	Normal operation.	AVR1:*
R804	Open	Normal operation.	AVR1:*
R805	Open	Normal operation.	AVR1:*
R806	Open	No Hazard.	AVR1:0
R807	Open	No Hazard.	AVR1:0
R808	Open	Normal operation.	AVR1:*
R809	Open	Normal operation.	AVR1:*
R810	Open	Normal operation.	AVR1:*
R811	Open	Normal operation.	AVR1:*
R812	Open	No Hazard.	AVR1:0
R813	Open	No Hazard.	AVR1:0
R814	Open	Normal operation.	AVR1:*

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COSEL

ABNORMAL TEST RESULT

Component	Mode		Comment	Output Voltage (V)
C164	Short		Normal operation.	AVR1:*
C165	Short		Normal operation.	AVR1:*
C201	Short		No Hazard.	AVR1:0
C250	Short		Normal operation.	AVR1:*
C251	Short		Normal operation.	AVR1:*
C270	Short		Normal operation.	AVR1:*
C271	Short		Normal operation.	AVR1:*
C704	Short		Normal operation.	AVR1:*
D201	Short		No Hazard.	AVR1:0
D270	Short		Normal operation.	AVR1:*
L104	Open		F101 opened, No hazard.	AVR1:0
L105	Open		F101 opened, No hazard.	AVR1:0
SS102	Open		F101 opened, No hazard.	AVR1:0
SS502	Open	Cathod	No Hazard.	AVR1:0
		Alternative	No Hazard.	AVR1:0
SS503	Open	Cathod	No Hazard.	AVR1:0
		Alternative	No Hazard.	AVR1:0
T201	Open	1	No Hazard.	AVR1:0
		2	No Hazard.	AVR1:0
	Short	1-2	No Hazard.	AVR1:0
		4-5	F101 opened, No hazard.	AVR1:0
		5-6	No Hazard.	AVR1:0
		9-10	No Hazard.	AVR1:0
TR102	Open	D	R180 opened, No hazard.	AVR1:0

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ABNORMAL TEST RESULT

Component	Mode		Comment	Output Voltage (V)
TR102	Open	S	R180 opened, No hazard.	AVR1:0
		G	F101 opened, No hazard.	AVR1:0
	Short	D-S	F101 opened, No hazard.	AVR1:0
		S-G	R180 opened, No hazard.	AVR1:0
		G-D	F101 opened, No hazard.	AVR1:0
TR103	Open	D	R180 opened, No hazard.	AVR1:0
		S	R180 opened, No hazard.	AVR1:0
		G	F101 opened, No hazard.	AVR1:0
	Short	D-S	F101 opened, No hazard.	AVR1:0
		S-G	R180 opened, No hazard.	AVR1:0
		G-D	F101 opened, No hazard.	AVR1:0
TR201	Open	D	No Hazard.	AVR1:0
		S	No Hazard.	AVR1:0
		G	F101 opened, No hazard.	AVR1:0
	Short	D-S	R180 opened, No hazard.	AVR1:0
		S-G	No Hazard.	AVR1:0
		G-D	R180 opened, No hazard.	AVR1:0
R144	Open		F101 opened, No hazard.	AVR1:0
R145	Open		F101 opened, No hazard.	AVR1:0
R146	Open		F101 opened, No hazard.	AVR1:0
R147	Open		F101 opened, No hazard.	AVR1:0

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