COSEL

ABNORMAL TEST RESULT

OF MODEL FCA200F-24

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 ～ 26/31)
      (Abnormal Test Result: 27/31 ～ 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.

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F M E A

Component	Mode	Comment	Output Voltage (V)
銅バー(N)	Open	No Hazard.	AVR1:0
銅バー(L)	Open	No Hazard.	AVR1:0
C101	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C102	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C103	Open	Normal operation.	AVR1:*
	Short	F101 opened, No Hazard.	AVR1:0
C104	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C105	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C106	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C107	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C108	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C109	Open	See 27 Page.	AVR1:
	Short	F101 opened, No Hazard.	AVR1:0
C111	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C112	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*

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Component	Mode	Comment	Output Voltage (V)
C113	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C114	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C115	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C116	Open	See 27 Page.	AVR1:
	Short	See 27 Page.	AVR1:
C117	Open	See 27 Page.	AVR1:
	Short	See 27 Page.	AVR1:
C118	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C119	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C120	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C121	Open	See 27 Page.	AVR1:
	Short	See 27 Page.	AVR1:
C122	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C123	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C124	Open	See 27 Page.	AVR1:
	Short	F101 opened, No Hazard.	AVR1:0

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Component	Mode	Comment	Output Voltage (V)
C125	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C126	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C127	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C128	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C202	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C205	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C206	Open	See 27 Page.	AVR1:
	Short	No Hazard.	AVR1:0
C207	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C208	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C209	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C210	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C211	Open	No Hazard.	AVR1:0
	Short	Normal operation.	AVR1:*

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Component	Mode	Comment	Output Voltage (V)
C216	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C217	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C501	Open	Normal operation.	AVR1:*
	Short	See 27 Page.	AVR1:
C502	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
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	See 27 Page.	AVR1:
C507	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C508	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C509	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C510	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0

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Component	Mode	Comment	Output Voltage (V)
C511	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C512	Open	No Hazard.	AVR1:0
	Short	F101 opened, No Hazard.	AVR1:0
C513	Open	No Hazard.	AVR1:Decreased
	Short	No Hazard.	AVR1:0
D101	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D102	Open	Normal operation.	AVR1:*
	Short	See 27 Page.	AVR1:
D103	Open	Normal operation.	AVR1:*
	Short	See 27 Page.	AVR1:
D106	Open	See 27 Page.	AVR1:
	Short	See 27 Page.	AVR1:
D107	Open	See 27 Page.	AVR1:
	Short	See 27 Page.	AVR1:
D108	Open	No Hazard.	AVR1:0
	Short	Normal operation.	AVR1:*
D109	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D110	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
D201	Open	No Hazard.	AVR1:0
	Short	See 27 Page.	AVR1:

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Component	Mode		Comment	Output Voltage (V)
D203	Open		Normal operation.	AVR1:*
	Short		Normal operation.	AVR1:*
D205	Open		Normal operation.	AVR1:*
	Short		Normal operation.	AVR1:*
D206	Open		Normal operation.	AVR1:*
	Short		Normal operation.	AVR1:*
D207	Open		See 27 Page.	AVR1:
	Short		See 27 Page.	AVR1:
D208	Open		See 27 Page.	AVR1:
	Short		See 27 Page.	AVR1:
F101	Open		No Hazard.	AVR1:0
	Short		Normal operation.	AVR1:*
IC101	Open	1	Normal operation.	AVR1:*
		2	Normal operation.	AVR1:*
		3	Normal operation.	AVR1:*
		4	Normal operation.	AVR1:*
		5	Normal operation.	AVR1:*
		6	Normal operation.	AVR1:*
		7	No Hazard.	AVR1:0
		8	F101 opened, No Hazard.	AVR1:0
		9	No Hazard.	AVR1:0
		10	F101 opened, No Hazard.	AVR1:0
		11	Normal operation.	AVR1:*
		12	No Hazard.	AVR1:0

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Component	Mode		Comment	Output Voltage (V)
IC101	Open	13	F101 opened, No Hazard.	AVR1:0
		14	Normal operation.	AVR1:*
		15	F101 opened, No Hazard.	AVR1:0
		16	F101 opened, No Hazard.	AVR1:0
	Short	1-2	No Hazard.	AVR1:0
		2-3	Normal operation.	AVR1:*
		3-4	Normal operation.	AVR1:*
		4-5	No Hazard.	AVR1:0
		5-6	No Hazard.	AVR1:0
		6-7	Normal operation.	AVR1:*
		7-8	No Hazard.	AVR1:0
		9-10	Normal operation.	AVR1:*
		10-11	No Hazard.	AVR1:0
		11-12	Normal operation.	AVR1:*
		12-13	No Hazard.	AVR1:0
		13-14	No Hazard.	AVR1:0
		14-15	F101 opened, No Hazard.	AVR1:0
		15-16	F101 opened, No Hazard.	AVR1:0
IC202	Open	1	No Hazard.	AVR1:0
		2	No Hazard.	AVR1:0
		3	No Hazard.	AVR1:0
		4	Normal operation.	AVR1:*
		5	Normal operation.	AVR1:*
		6	Normal operation.	AVR1:*

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Component	Mode		Comment	Output Voltage (V)
IC202	Open	7	Normal operation.	AVR1:*
		8	Normal operation.	AVR1:*
		9	Normal operation.	AVR1:*
		10	No Hazard.	AVR1:0
		11	No Hazard.	AVR1:0
		12	See 27 Page.	AVR1:
		13	See 27 Page.	AVR1:
		14	Normal operation.	AVR1:*
		15	Normal operation.	AVR1:*
		16	Normal operation.	AVR1:*
		17	Normal operation.	AVR1:*
		18	Normal operation.	AVR1:*
		19	Normal operation.	AVR1:*
		20	No Hazard.	AVR1:0
	Short	1-2	See 28 Page.	AVR1:
		2-3	No Hazard.	AVR1:0
		3-4	Normal operation.	AVR1:*
		4-5	Normal operation.	AVR1:*
		5-6	Normal operation.	AVR1:*
		6-7	Normal operation.	AVR1:*
		7-8	Normal operation.	AVR1:*
		8-9	Normal operation.	AVR1:*
		9-10	No Hazard.	AVR1:0
		11-12	No Hazard.	AVR1:0

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Component	Mode		Comment	Output Voltage (V)
IC202	Short	12-13	No Hazard.	AVR1:0
		13-14	No Hazard.	AVR1:Decreased
		14-15	Normal operation.	AVR1:*
		15-16	Normal operation.	AVR1:*
		16-17	Normal operation.	AVR1:*
		17-18	Normal operation.	AVR1:*
		18-19	Normal operation.	AVR1:*
		19-20	No Hazard.	AVR1:0
IC501	Open	1	Normal operation.	AVR1:*
		2	Normal operation.	AVR1:*
		3	Normal operation.	AVR1:*
		4	Normal operation.	AVR1:*
		5	Normal operation.	AVR1:*
		6	Normal operation.	AVR1:*
		7	Normal operation.	AVR1:*
		8	Normal operation.	AVR1:*
	Short	1-2	Normal operation.	AVR1:*
		2-3	Normal operation.	AVR1:*
		3-4	Normal operation.	AVR1:*
		5-6	No Hazard.	AVR1:0
		6-7	No Hazard.	AVR1:0
		7-8	No Hazard.	AVR1:0
IC502	Open	K	No Hazard.	AVR1:0
		A	No Hazard.	AVR1:0

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Component	Mode		Comment	Output Voltage (V)
IC502	Open	R	No Hazard.	AVR1:0
	Short	A-K	No Hazard.	AVR1:0
		K-R	No Hazard.	AVR1:0
		R-A	No Hazard.	AVR1:0
JP1	Open		Normal operation.	AVR1:*
JP2	Open		F101 opened, No Hazard.	AVR1:0
J101	Open		F101 opened, No Hazard.	AVR1:0
J102	Open		Normal operation.	AVR1:*
J103	Open		F101 opened, No Hazard.	AVR1:0
J201	Open		No Hazard.	AVR1:0
J202	Open		No Hazard.	AVR1:0
J203	Open		No Hazard.	AVR1:0
J204	Open		No Hazard.	AVR1:0
J205	Open		No Hazard.	AVR1:0
J206	Open		No Hazard.	AVR1:0
J207	Open		No Hazard.	AVR1:0
J501	Open		Normal operation.	AVR1:*
L101	Open	1-2	No Hazard.	AVR1:0
		3-4	No Hazard.	AVR1:0
	Short	相間	F101 opened, No Hazard.	AVR1:0
L102	Open		No Hazard.	AVR1:0
	Short		Normal operation.	AVR1:*
L103	Open	2	See 28 Page.	AVR1:
		4	See 28 Page.	AVR1:

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Component	Mode		Comment	Output Voltage (V)
L103	Open	5	See 28 Page.	AVR1:
		6	See 28 Page.	AVR1:
		10	See 28 Page.	AVR1:
	Short	4-5	See 28 Page.	AVR1:
L104	Open		See 28 Page.	AVR1:
	Short		See 28 Page.	AVR1:
L105	Open		See 28 Page.	AVR1:
	Short		See 28 Page.	AVR1:
L501	Open		Normal operation.	AVR1:*
L502	Open		Normal operation.	AVR1:*
L503	Open		Normal operation.	AVR1:*
L504	Open		Normal operation.	AVR1:*
L505	Open		Normal operation.	AVR1:*
L506	Open		Normal operation.	AVR1:*
L507	Open		Normal operation.	AVR1:*
L508	Open		Normal operation.	AVR1:*
L509	Open		No Hazard.	AVR1:0
	Short		No Hazard.	AVR1:0
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

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Component	Mode		Comment	Output Voltage (V)
PC202	Open	A, K	Normal operation.	AVR1:*
		C, E	Normal operation.	AVR1:*
	Short	A-K	Normal operation.	AVR1:*
		C-E	No Hazard.	AVR1:0
SK101	Open		Normal operation.	AVR1:*
	Short		F101 opened, No Hazard.	AVR1:0
SK102	Open		Normal operation.	AVR1:*
	Short		F101 opened, No Hazard.	AVR1:0
SS101	Open	+	No Hazard.	AVR1:0
		−	No Hazard.	AVR1:0
		AC 1	No Hazard.	AVR1:0
		AC 2	No Hazard.	AVR1:0
	Short	+ − AC1	F101 opened, No Hazard.	AVR1:0
		+ − AC2	F101 opened, No Hazard.	AVR1:0
		− − AC1	F101 opened, No Hazard.	AVR1:0
		− − AC2	F101 opened, No Hazard.	AVR1:0
SS501	Open	A1	See 28 Page.	AVR1:
		A2	See 28 Page.	AVR1:
		K	See 28 Page.	AVR1:
	Short	K − A1	See 28 Page.	AVR1:
		K − A2	See 28 Page.	AVR1:
SS502	Open	A1	See 28 Page.	AVR1:
		A2	See 28 Page.	AVR1:
		K	See 28 Page.	AVR1:

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Component	Mode		Comment	Output Voltage (V)
SS502	Short	K － A1	See 28 Page.	AVR1:
		K － A2	See 28 Page.	AVR1:
SS503	Open	A1	See 28 Page.	AVR1:
		A2	See 28 Page.	AVR1:
		K	See 28 Page.	AVR1:
	Short	K － A1	See 29 Page.	AVR1:
		K － A2	See 29 Page.	AVR1:
SS504	Open	A1	See 29 Page.	AVR1:
		A2	See 29 Page.	AVR1:
		K	See 29 Page.	AVR1:
	Short	K － A1	See 29 Page.	AVR1:
		K － A2	See 29 Page.	AVR1:
TH103	Open		No Hazard.	AVR1:0
	Short		Normal operation.	AVR1:*
TH104	Open		No Hazard.	AVR1:0
	Short		Normal operation.	AVR1:*
THSW501	Open		Normal operation.	AVR1:*
	Short		No Hazard.	AVR1:0
T201	Open	1	See 29 Page.	AVR1:
		2	See 29 Page.	AVR1:
		4	See 29 Page.	AVR1:
		6	See 29 Page.	AVR1:
		7	See 29 Page.	AVR1:
		8	See 29 Page.	AVR1:

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Component	Mode		Comment	Output Voltage (V)
T201	Open	9	See 29 Page.	AVR1:
		10	See 29 Page.	AVR1:
		11	See 29 Page.	AVR1:
		12	See 29 Page.	AVR1:
	Short	1-2	See 29 Page.	AVR1:
		7-8	Normal operation.	AVR1:*
		8-9	Normal operation.	AVR1:*
		9-10	See 29 Page.	AVR1:
		10-11	Normal operation.	AVR1:*
		11-12	Normal operation.	AVR1:*
T202	Open	1	No Hazard.	AVR1:0
		2	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	No Hazard.	AVR1:0
		5-6	No Hazard.	AVR1:0
		6-7	No Hazard.	AVR1:0
		7-8	No Hazard.	AVR1:0
TR101	Open	D	Normal operation.	AVR1:*
		S	Normal operation.	AVR1:*
		G	See 29 Page.	AVR1:
	Short	D-S	Normal operation.	AVR1:*

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Component	Mode		Comment	Output Voltage (V)
TR101	Short	S-G	Normal operation.	AVR1:*
		G-D	See 29 Page.	AVR1:
TR102	Open	D	See 29 Page.	AVR1:
		S	See 29 Page.	AVR1:
		G	See 29 Page.	AVR1:
	Short	D-S	See 30 Page.	AVR1:
		S-G	See 30 Page.	AVR1:
		G-D	See 30 Page.	AVR1:
TR103	Open	D	See 30 Page.	AVR1:
		S	See 30 Page.	AVR1:
		G	See 30 Page.	AVR1:
	Short	D-S	See 30 Page.	AVR1:
		S-G	See 30 Page.	AVR1:
		G-D	See 30 Page.	AVR1:
TR104	Open	C	No Hazard.	AVR1:0
		E	No Hazard.	AVR1:0
		B	No Hazard.	AVR1:0
	Short	C-E	Normal operation.	AVR1:*
		E-B	No Hazard.	AVR1:0
		B-C	Normal operation.	AVR1:*
TR105	Open	C	No Hazard.	AVR1:0
		E	No Hazard.	AVR1:0
		B	No Hazard.	AVR1:0
	Short	C-E	Normal operation.	AVR1:*

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Component	Mode		Comment	Output Voltage (V)
TR105	Short	E-B	No Hazard.	AVR1:0
		B-C	Normal operation.	AVR1:*
TR106	Open	C	No Hazard.	AVR1:0
		E	No Hazard.	AVR1:0
		B	No Hazard.	AVR1:0
	Short	C-E	Normal operation.	AVR1:*
		E-B	No Hazard.	AVR1:0
		B-C	No Hazard.	AVR1:0
TR107	Open	C	No Hazard.	AVR1:0
		E	No Hazard.	AVR1:0
		B	No Hazard.	AVR1:0
	Short	C-E	No Hazard.	AVR1:0
		E-B	No Hazard.	AVR1:0
		B-C	F101 opened, No Hazard.	AVR1:0
TR108	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
TR201	Open	C	No Hazard.	AVR1:0
		E	No Hazard.	AVR1:0
		B	No Hazard.	AVR1:0
	Short	C-E	No Hazard.	AVR1:0

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Component	Mode		Comment	Output Voltage (V)
TR201	Short	E-B	Normal operation.	AVR1:0
		B-C	No Hazard.	AVR1:0
TR202	Open	C	No Hazard.	AVR1:0
		E	No Hazard.	AVR1:0
		B	No Hazard.	AVR1:0
	Short	C-E	F101 opened, No Hazard.	AVR1:0
		E-B	No Hazard.	AVR1:0
		B-C	F101 opened, No Hazard.	AVR1:0
TR203	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
TR204	Open	D	See 30 Page.	AVR1:
		S	See 30 Page.	AVR1:
		G	See 30 Page.	AVR1:
	Short	D-S	See 30 Page.	AVR1:
		S-G	See 30 Page.	AVR1:
		G-D	See 30 Page.	AVR1:
TR205	Open	D	See 30 Page.	AVR1:
		S	See 30 Page.	AVR1:
		G	See 30 Page.	AVR1:
	Short	D-S	See 30 Page.	AVR1:

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Component	Mode		Comment	Output Voltage (V)
TR205	Short	S-G	See 30 Page.	AVR1:
		G-D	See 30 Page.	AVR1:
VR502	Open	brush	No Hazard.	AVR1:Decreased
		+	No Hazard.	AVR1:0
		−	No Hazard.	AVR1:0
	Short		No Hazard.	AVR1:Decreased
ZD101	Open		No Hazard.	AVR1:0
	Short		Normal operation.	AVR1:*
ZD102	Open		Normal operation.	AVR1:*
	Short		Normal operation.	AVR1:*
ZD103	Open		No Hazard.	AVR1:0
	Short		Normal operation.	AVR1:*
ZD104	Open		Normal operation.	AVR1:*
	Short		No Hazard.	AVR1:0
ZD105	Open		Normal operation.	AVR1:*
	Short		No Hazard.	AVR1:0
ZD201	Open		No Hazard.	AVR1:0
	Short		No Hazard.	AVR1:0
ZD501	Open		Normal operation.	AVR1:*
	Short		Normal operation.	AVR1:*
ZD503	Open		Normal operation.	AVR1:*
	Short		No Hazard.	AVR1:0
ZD504	Open		Normal operation.	AVR1:*
	Short		No Hazard.	AVR1:0

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Component	Mode	Comment	Output Voltage (V)
R101	Open	Normal operation.	AVR1:*
R102	Open	Normal operation.	AVR1:*
R103	Open	Normal operation.	AVR1:*
R104	Open	Normal operation.	AVR1:*
R105	Open	No Hazard.	AVR1:0
R106	Open	No Hazard.	AVR1:0
R107	Open	No Hazard.	AVR1:0
R108	Open	No Hazard.	AVR1:0
R109	Open	No Hazard.	AVR1:0
R110	Open	No Hazard.	AVR1:0
R111	Open	Normal operation.	AVR1:*
R112	Open	Normal operation.	AVR1:*
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	No Hazard.	AVR1:0
R120	Open	See 30 Page.	AVR1:
R121	Open	See 30 Page.	AVR1:
R122	Open	Normal operation.	AVR1:*
R123	Open	Normal operation.	AVR1:*
R124	Open	Normal operation.	AVR1:*

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F M E A

Component	Mode	Comment	Output Voltage (V)
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:*
R131	Open	Normal operation.	AVR1:*
R132	Open	Normal operation.	AVR1:*
R133	Open	Normal operation.	AVR1:*
R134	Open	Normal operation.	AVR1:*
R135	Open	Normal operation.	AVR1:*
R136	Open	Normal operation.	AVR1:*
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	Normal operation.	AVR1:*
R145	Open	Normal operation.	AVR1:*
R146	Open	Normal operation.	AVR1:*
R147	Open	Normal operation.	AVR1:*
R148	Open	Normal operation.	AVR1:*

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F M E A

Component	Mode	Comment	Output Voltage (V)
R149	Open	Normal operation.	AVR1:*
R150	Open	Normal operation.	AVR1:*
R151	Open	Normal operation.	AVR1:*
R152	Open	No Hazard.	AVR1:0
R153	Open	No Hazard.	AVR1:0
R154	Open	Normal operation.	AVR1:*
R155	Open	Normal operation.	AVR1:*
R156	Open	Normal operation.	AVR1:*
R157	Open	Normal operation.	AVR1:*
R158	Open	Normal operation.	AVR1:*
R159	Open	No Hazard.	AVR1:0
R160	Open	No Hazard.	AVR1:0
R161	Open	No Hazard.	AVR1:0
R162	Open	No Hazard.	AVR1:0
R163	Open	See 30 Page.	AVR1:
R164	Open	Normal operation.	AVR1:*
R165	Open	Normal operation.	AVR1:*
R166	Open	F101 opened, No Hazard.	AVR1:0
R167	Open	No Hazard.	AVR1:0
R168	Open	No Hazard.	AVR1:0
R169	Open	Normal operation.	AVR1:*
R170	Open	Normal operation.	AVR1:*
R171	Open	Normal operation.	AVR1:*
R172	Open	Normal operation.	AVR1:*

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F M E A

Component	Mode	Comment	Output Voltage (V)
R173	Open	Normal operation.	AVR1:*
R174	Open	Normal operation.	AVR1:*
R175	Open	Normal operation.	AVR1:*
R176	Open	Normal operation.	AVR1:*
R177	Open	Normal operation.	AVR1:*
R201	Open	No Hazard.	AVR1:0
R202	Open	No Hazard.	AVR1:0
R207	Open	No Hazard.	AVR1:0
R208	Open	No Hazard.	AVR1:0
R209	Open	No Hazard.	AVR1:0
R210	Open	No Hazard.	AVR1:0
R211	Open	No Hazard.	AVR1:0
R212	Open	No Hazard.	AVR1:0
R213	Open	No Hazard.	AVR1:0
R214	Open	No Hazard.	AVR1:0
R215	Open	Normal operation.	AVR1:*
R217	Open	No Hazard.	AVR1:0
R218	Open	See 31 Page.	AVR1:
R219	Open	Normal operation.	AVR1:*
R220	Open	Normal operation.	AVR1:*
R221	Open	Normal operation.	AVR1:*
R222	Open	No Hazard.	AVR1:0
R223	Open	Normal operation.	AVR1:*
R224	Open	No Hazard.	AVR1:0

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参考資料

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F M E A

Component	Mode	Comment	Output Voltage (V)
R225	Open	See 31 Page.	AVR1:
R226	Open	See 31 Page.	AVR1:
R230	Open	Normal operation.	AVR1:*
R231	Open	Normal operation.	AVR1:*
R232	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:*
R513	Open	Normal operation.	AVR1:*
R514	Open	Normal operation.	AVR1:*
R515	Open	Normal operation.	AVR1:*
R516	Open	Normal operation.	AVR1:*
R517	Open	No Hazard.	AVR1:0
R518	Open	No Hazard.	AVR1:0
R521	Open	Normal operation.	AVR1:*

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<u>F M E A</u>

Component	Mode	Comment	Output Voltage (V)
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:*
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:*
R538	Open	Normal operation.	AVR1:*
R539	Open	Normal operation.	AVR1:*
R540	Open	Normal operation.	AVR1:*
R543	Open	Normal operation.	AVR1:*
R544	Open	Normal operation.	AVR1:*
R545	Open	Normal operation.	AVR1:*
R546	Open	Normal operation.	AVR1:*
R547	Open	Normal operation.	AVR1:*
R548	Open	Normal operation.	AVR1:*
R550	Open	Normal operation.	AVR1:*
R551	Open	No Hazard.	AVR1:0
R552	Open	No Hazard.	AVR1:0

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F M E A

Component	Mode	Comment	Output Voltage (V)
R553	Open	Normal operation.	AVR1:*
R554	Open	No Hazard.	AVR1:Decreased
R555	Open	No Hazard.	AVR1:0
R556	Open	No Hazard.	AVR1:0
R559	Open	Normal operation.	AVR1:*

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COSEL

ABNORMAL TEST RESULT

Component	Mode		Comment	Output Voltage (V)
C109	Open		Normal operation.	AVR1:*
C116	Open		F101 opened, No hazard.	AVR1:0
	Short		F101 opened, No hazard.	AVR1:0
C117	Open		F101 opened, No hazard.	AVR1:0
	Short		F101 opened, No hazard.	AVR1:0
C121	Open		R118 opened, No hazard.	AVR1:0
	Short		R118 opened, No hazard.	AVR1:0
C124	Open		Normal operation.	AVR1:*
C206	Open		No hazard.	AVR1:0
C501	Short		Normal operation.	AVR1:*
C506	Short		Normal operation.	AVR1:*
D102	Short		No hazard.	AVR1:0
D103	Short		No hazard.	AVR1:0
D106	Open		Normal operation.	AVR1:*
	Short		F101 opened, No hazard.	AVR1:0
D107	Open		Normal operation.	AVR1:*
	Short		F101 opened, No hazard.	AVR1:0
D201	Short		No hazard.	AVR1:0
D207	Open		Normal operation.	AVR1:*
	Short		F101 opened, No hazard.	AVR1:0
D208	Open		Normal operation.	AVR1:*
	Short		F101 opened, No hazard.	AVR1:0
IC202	Open	12	No hazard.	AVR1:0
		13	No hazard.	AVR1:Decraesed

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ABNORMAL TEST RESULT

Component	Mode		Comment	Output Voltage (V)
IC202	Short	1-2	No hazard.	AVR1:0
L103	Open	2	Normal operation.	AVR1:*
		4	Normal operation.	AVR1:*
		5	Normal operation.	AVR1:*
		6	No hazard.	AVR1:0
		10	No hazard.	AVR1:0
	Short	4-5	No Hazard.	AVR1:0
L104	Open		F101 opened, No hazard.	AVR1:0
	Short		Normal operation.	AVR1:*
L105	Open		F101 opened, No hazard.	AVR1:0
	Short		Normal operation.	AVR1:*
SS501	Open	A1	Normal operation.	AVR1:*
		A2	Normal operation.	AVR1:*
		K	No hazard.	AVR1:0
	Short	K - A1	No hazard.	AVR1:0
		K - A2	No hazard.	AVR1:0
SS502	Open	A1	Normal operation.	AVR1:*
		A2	Normal operation.	AVR1:*
		K	No hazard.	AVR1:0
	Short	K - A1	No hazard.	AVR1:0
		K - A2	No hazard.	AVR1:0
SS503	Open	A1	Normal operation.	AVR1:*
		A2	Normal operation.	AVR1:*
		K	No hazard.	AVR1:0

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ABNORMAL TEST RESULT

Component	Mode		Comment	Output Voltage (V)
SS503	Short	K - A1	No hazard.	AVR1:0
		K - A2	No hazard.	AVR1:0
SS504	Open	A1	Normal operation.	AVR1:0
		A2	Normal operation.	AVR1:0
		K	No hazard.	AVR1:0
	Short	K - A1	No hazard.	AVR1:0
		K - A2	No hazard.	AVR1:0
T201	Open	1	No hazard.	AVR1:0
		2	No hazard.	AVR1:0
		4	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	No hazard.	AVR1:0
		9-10	No hazard.	AVR1:0
TR101	Open	G	Normal operation.	AVR1:*
	Short	G-D	No hazard.	AVR1:0
TR102	Open	D	Normal operation.	AVR1:*
		S	Normal operation.	AVR1:*
		G	F101 opened, No hazard.	AVR1:0

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ABNORMAL TEST RESULT

Component	Mode		Comment	Output Voltage (V)
TR102	Short	D-S	F101 opened, No hazard.	AVR1:0
		S-G	No hazard.	AVR1:0
		G-D	F101 opened, No hazard.	AVR1:0
TR103	Open	D	Normal operation.	AVR1:*
		S	Normal operation.	AVR1:*
		G	F101 opened, No hazard.	AVR1:0
	Short	D-S	F101 opened, No hazard.	AVR1:0
		S-G	No hazard.	AVR1:0
		G-D	F101 opened, No hazard.	AVR1:0
TR204	Open	D	No hazard.	AVR1:0
		S	No hazard.	AVR1:0
		G	F101 opened, No hazard.	AVR1:0
	Short	D-S	F101 opened, No hazard.	AVR1:0
		S-G	No hazard.	AVR1:0
		G-D	No hazard.	AVR1:0
TR205	Open	D	No hazard.	AVR1:0
		S	No hazard.	AVR1:0
		G	F101 opened, No hazard.	AVR1:0
	Short	D-S	F101 opened, No hazard.	AVR1:0
		S-G	No hazard.	AVR1:0
		G-D	No hazard.	AVR1:0
R120	Open		F101 opened, No hazard.	AVR1:0
R121	Open		F101 opened, No hazard.	AVR1:0
R163	Open		Normal operation.	AVR1:*

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ABNORMAL TEST RESULT

Component	Mode	Comment	Output Voltage (V)
R218	Open	No hazard.	AVR1:Decraesed
R225	Open	F101 opened, No hazard.	AVR1:0
R226	Open	F101 opened, No hazard.	AVR1:0

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