COSEL

ABNORMAL TEST RESULT

OF MODEL PCA300F

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   : 2/84 ～ 79/84)
    (Abnormal Test Result: 80/84 ～ 84/84)

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.

COSEL

F M E A

Component	Mode	Comment	Output Voltage (V)
C101	Open	Normal operation.	AVR1:*
	Short	F101,F102 opend,No hazard.	AVR1:0
C102	Open	Normal operation.	AVR1:*
	Short	F101,F102 opend,No hazard.	AVR1:0
C103	Open	See 80 Page.	
	Short	F101,F102 opend,No hazard.	AVR1:0
C107	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C108	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C109	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C110	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C115	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C116	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C117	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C118	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C132	Open	Normal operation.	AVR1:*
	Short	F101,F102 opend,No hazard.	AVR1:0

Ver 2.2

COSEL

F M E A

Component	Mode	Comment	Output Voltage (V)
C134	Open	Normal operation.	AVR1:*
	Short	F101,F102 opend,No hazard.	AVR1:0
C150	Open	Normal operation.	AVR1:*
	Short	No hazard.	AVR1:0
C151	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C152	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C153	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C154	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C155	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C156	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C157	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C158	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C159	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C160	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0

Ver 2.2

F M E A

Component	Mode	Comment	Output Voltage (V)
C161	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C162	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C181	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C201	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C202	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C203	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased. No hazard.	AVR1:decreased
C204	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C205	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C206	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased. No hazard.	AVR1:decreased
C207	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C208	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C211	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0

Ver 2.2

F M E A

Component	Mode	Comment	Output Voltage (V)
C212	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C213	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C214	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C221	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C222	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C223	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C224	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C225	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C226	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C241	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased. No hazard.	AVR1:decreased
C251	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C252	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0

Ver 2.2

COSEL

F M E A

Component	Mode	Comment	Output Voltage (V)
C253	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C254	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C301	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C302	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C303	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C304	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C305	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C311	Open	No Hazard.	AVR1:*
	Short	No Hazard.	AVR1:*
C312	Open	No Hazard.	AVR1:*
	Short	No Hazard.	AVR1:*
C321	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C323	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C331	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*

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F M E A

Component	Mode	Comment	Output Voltage (V)
C332	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C333	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C334	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C335	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased. No hazard.	AVR1:decreased
C341	Open	Output voltage decreased. No hazard.	AVR1:decreased
	Short	See 80 Page.	
C342	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C343	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C344	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C345	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C346	Open	See 80 Page.	
	Short	Output voltage decreased. No hazard.	AVR1:decreased
C351	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C352	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0

Ver 2.2

F M E A

Component	Mode	Comment	Output Voltage (V)
C353	Open	No Hazard.	AVR1:0
	Short	Output voltage increased. No hazard.	AVR1:increased
C354	Open	Output voltage decreased. No hazard.	AVR1:decreased
	Short	Normal operation.	AVR1:*
C355	Open	Output voltage decreased. No hazard.	AVR1:decreased
	Short	No Hazard.	AVR1:0
C357	Open	No Hazard.	AVR1:*
	Short	No Hazard.	AVR1:*
C358	Open	No Hazard.	AVR1:*
	Short	No Hazard.	AVR1:*
C360	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C361	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased. No hazard.	AVR1:decreased
C362	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C363	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C364	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C367	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C372	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased. No hazard.	AVR1:decreased

Ver 2.2

COSEL

F M E A

Component	Mode	Comment	Output Voltage (V)
C373	Open	Normal operation.	AVR1:*
	Short	Output voltage increased. No hazard.	AVR1:increased(130%)
C381	Open	Normal operation.	AVR1:*
	Short	See 80 Page.	
C382	Open	Normal operation.	AVR1:*
	Short	See 80 Page.	
C383	Open	Normal operation.	AVR1:*
	Short	See 80 Page.	
C384	Open	Normal operation.	AVR1:*
	Short	See 80 Page.	
C391	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C392	Open	See 80 Page.	
	Short	See 80 Page.	
C393	Open	Normal operation.	AVR1:*
	Short	See 80 Page.	
C394	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C395	Open	See 80 Page.	
	Short	See 80 Page.	
C396	Open	Normal operation.	AVR1:*
	Short	See 80 Page.	
C401	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*

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COSEL

F M E A

Component	Mode	Comment	Output Voltage (V)
C402	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C403	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C404	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C405	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C421	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C422	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C423	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C424	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C425	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C501	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased. No hazard.	AVR1:decreased
C502	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

Ver 2.2

F M E A

Component	Mode	Comment	Output Voltage (V)
C514 only5, 12, 15V	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased. No hazard.	AVR1:decreased
C523	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C524 only5, 12, 15V	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C533	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C534 only5, 12, 15V	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C543	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased. No hazard.	AVR1:decreased
C544 only5, 12, 15V	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased. No hazard.	AVR1:decreased
C553	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C554 only5, 12, 15V	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C563	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C564 only5, 12, 15V	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C601	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*

Ver 2.2

COSEL

F M E A

Component	Mode	Comment	Output Voltage (V)
C602	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C603	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C604	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C605	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C606	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C611	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C613	Open	No Hazard.	AVR1:0
	Short	No Hazard.	AVR1:0
C614	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C615	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C621	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C623	Open	No Hazard.	AVR1:0
	Short	No Hazard.	AVR1:0
C624	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0

Ver 2.2

F M E A

Component	Mode	Comment	Output Voltage (V)
C625	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C633	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C634	Open	No Hazard.	AVR1:0
	Short	No Hazard.	AVR1:0
C635	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C661	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C662	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C663	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C664	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C665	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C666	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C691	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C692	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*

Ver 2.2

F M E A

Component	Mode	Comment	Output Voltage (V)
C693	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C701	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C702	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C703	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C704	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C705	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C706	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C707	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C708	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C709	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C710	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C720	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased. No hazard.	AVR1:decreased

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F M E A

Component	Mode	Comment	Output Voltage (V)
C721	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C722	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C723	Open	Output voltage decreased. No hazard.	AVR1:decreased
	Short	Output voltage decreased. No hazard.	AVR1:decreased
C724	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased. No hazard.	AVR1:decreased
C725	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C726	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C727	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C728	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C729	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C730 only5,12,15V	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C731	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased. No hazard.	AVR1:decreased
C732	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0

Ver 2.2

参考資料

COSEL

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Component	Mode	Comment	Output Voltage (V)
C733	Open	Output voltage decreased. No hazard.	AVR1:decreased
	Short	Output voltage decreased. No hazard.	AVR1:decreased
C734	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased. No hazard.	AVR1:decreased
C735	Open	Output voltage decreased. No hazard.	AVR1:decreased
	Short	Output voltage decreased. No hazard.	AVR1:decreased
C736	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C749	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C750	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C751	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C752	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C753	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C754	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C755	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C756	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0

Ver 2.2

F M E A

Component	Mode	Comment	Output Voltage (V)
C760	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C761	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased. No hazard.	AVR1:decreased
C762	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C763	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C764	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C765	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased. No hazard.	AVR1:decreased
C766	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C791	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C792	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C801	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C802	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C803	Open	No Hazard.	AVR1:0
	Short	No Hazard.	AVR1:*

Ver 2.2

参考資料

COSEL

F M E A

Component	Mode	Comment	Output Voltage (V)
C804	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C805	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C806	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C807	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C808	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C831	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C832	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C833	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C901	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C902	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C903	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C904	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0

Ver 2.2

F M E A

Component	Mode	Comment	Output Voltage (V)
C905	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C906	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C911	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:*
C912	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C913	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C914	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C920	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C921	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C922	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C931	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C941	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C942	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*

Ver 2.2

F M E A

Component	Mode	Comment	Output Voltage (V)
C943	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C944	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C951	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C952	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C953	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C954	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D101	Open	No Hazard.	AVR1:0
	Short	Normal operation.	AVR1:*
D102	Open	No Hazard.	AVR1:0
	Short	Normal operation.	AVR1:*
D103	Open	No Hazard.	AVR1:0
	Short	Normal operation.	AVR1:*
D104	Open	No Hazard.	AVR1:0
	Short	Normal operation.	AVR1:*
D105	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
D106	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*

Ver 2.2

F M E A

Component	Mode	Comment	Output Voltage (V)
D108	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
D111	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D112	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D113	Open	Normal operation.	AVR1:*
	Short	See 80 Page.	
D115	Open	Normal operation.	AVR1:*
	Short	See 80 Page.	
D116	Open	Normal operation.	AVR1:*
	Short	See 80 Page.	
D118	Open	Normal operation.	AVR1:*
	Short	See 80 Page.	
D151	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
D152	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
D222	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D241	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased. No hazard.	AVR1:decreased
D242	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*

Ver 2.2

COSEL

F M E A

Component	Mode	Comment	Output Voltage (V)
D301	Open	Output voltage decreased. No hazard.	AVR1:decreased
	Short	See 80 Page.	
D303	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D304	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D305	Open	No Hazard.	AVR1:0
	Short	Output voltage decreased. No hazard.	AVR1:decreased
D331	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D341	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D342	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D343	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased. No hazard.	AVR1:decreased
D344	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D351	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased. No hazard.	AVR1:decreased
D352	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D353	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0

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Component	Mode	Comment	Output Voltage (V)
D381	Open	See 80 Page.	
	Short	Output voltage decreased. No hazard.	AVR1:decreased
D382	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D383	Open	See 80 Page.	
	Short	Output voltage decreased. No hazard.	AVR1:decreased
D384	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D401	Open	No Hazard.	AVR1:*
	Short	No Hazard.	AVR1:*
D421	Open	No Hazard.	AVR1:0
	Short	No Hazard.	AVR1:0
D422	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:*
D601	Open	No Hazard.	AVR1:0
	Short	No Hazard.	AVR1:0
D602	Open	No Hazard.	AVR1:0
	Short	No Hazard.	AVR1:0
D603	Open	No Hazard.	AVR1:0
	Short	No Hazard.	AVR1:0
D701	Open	No Hazard.	AVR1:0
	Short	No Hazard.	AVR1:0
D721	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased. No hazard.	AVR1:decreased

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Component	Mode	Comment	Output Voltage (V)
D722	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased. No hazard.	AVR1:decreased
D751	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D761	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D781	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D801	Open	No Hazard.	AVR1:*
	Short	No Hazard.	AVR1:0
D802	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
D831	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
D832	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D911	Open	No Hazard.	AVR1:*
	Short	No Hazard.	AVR1:*
D931	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D951	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D952	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*

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F M E A

Component	Mode		Comment	Output Voltage (V)
FAN801	Open	1	No Hazard.	AVR1:0
		2	No Hazard.	AVR1:0
		3	No Hazard.	AVR1:0
	Short	1-2	No Hazard.	AVR1:0
		2-3	No Hazard.	AVR1:0
IC101	Open	1	No Hazard.	AVR1:0
		2	No Hazard.	AVR1:0
		3	Normal operation.	AVR1:*
		4	No Hazard.	AVR1:0
		5	Normal operation.	AVR1:*
		6	Output voltage decreased. No hazard.	AVR1:decreased
		7	No Hazard.	AVR1:0
		8	No Hazard.	AVR1:0
		9	Normal operation.	AVR1:*
		10	Normal operation.	AVR1:*
		11	No Hazard.	AVR1:0
		12	No Hazard.	AVR1:0
		13	Normal operation.	AVR1:*
		14	No Hazard.	AVR1:0
		15	Normal operation.	AVR1:*
		16	No Hazard.	AVR1:0
	Short	1-2	No Hazard.	AVR1:0
		2-3	No Hazard.	AVR1:0
		3-4	Normal operation.	AVR1:*

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Component	Mode		Comment	Output Voltage (V)
IC101	Short	4-5	Normal operation.	AVR1:*
		5-6	No Hazard.	AVR1:0
		6-7	No Hazard.	AVR1:0
		7-8	Normal operation.	AVR1:*
		9-10	Normal operation.	AVR1:*
		10-11	No Hazard.	AVR1:0
		11-12	No Hazard.	AVR1:0
		12-13	No hazard.	AVR1:0
		13-14	No Hazard.	AVR1:0
		14-15	No Hazard.	AVR1:0
		15-16	No Hazard.	AVR1:0
IC151	Open	1	Normal operation.	AVR1:*
		2	Normal operation.	AVR1:*
		3	Normal operation.	AVR1:*
		4	Normal operation.	AVR1:*
		5	Normal operation.	AVR1:*
	Short	1-2	Normal operation.	AVR1:*
		2-3	Normal operation.	AVR1:*
		4-5	Normal operation.	AVR1:*
IC201	Open	1	Normal operation.	AVR1:*
		2	Normal operation.	AVR1:*
		3	Normal operation.	AVR1:*
		4	Output voltage decreased. No hazard.	AVR1:decreased
		5	Normal operation.	AVR1:*

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Component	Mode		Comment	Output Voltage (V)
IC201	Open	6	Output voltage decreased. No hazard.	AVR1:decreased
		7	No Hazard.	AVR1:0
		8	Normal operation.	AVR1:*
		9	Output voltage decreased. No hazard.	AVR1:decreased
		10	Output voltage decreased. No hazard.	AVR1:decreased
		11	Normal operation.	AVR1:*
		12	Normal operation.	AVR1:*
		13	No Hazard.	AVR1:0
		14	No Hazard.	AVR1:0
		15	Normal operation.	AVR1:*
		16	Normal operation.	AVR1:*
		17	Normal operation.	AVR1:*
		18	Output voltage decreased. No hazard.	AVR1:decreased
		19	Normal operation.	AVR1:*
		20	Output voltage decreased. No hazard.	AVR1:decreased
		21	Normal operation.	AVR1:*
		22	Normal operation.	AVR1:*
		23	Normal operation.	AVR1:*
		24	No Hazard.	AVR1:0
		25	Output voltage decreased. No hazard.	AVR1:decreased
		26	Output voltage decreased. No hazard.	AVR1:decreased
		27	Output voltage decreased. No hazard.	AVR1:decreased
		28	Output voltage decreased. No hazard.	AVR1:decreased
		29	Normal operation.	AVR1:*

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Component	Mode		Comment	Output Voltage (V)
IC201	Open	30	No Hazard.	AVR1:0
		31	No Hazard.	AVR1:0
		32	Output voltage decreased. No hazard.	AVR1:decreased
		33	Normal operation.	AVR1:*
		34	Normal operation.	AVR1:*
		35	Normal operation.	AVR1:*
		36	Normal operation.	AVR1:*
		37	Output voltage decreased. No hazard.	AVR1:decreased
		38	No Hazard.	AVR1:0
	Short	1-2	Normal operation.	AVR1:*
		2-3	Normal operation.	AVR1:*
		3-4	Normal operation.	AVR1:*
		4-5	Normal operation.	AVR1:*
		5-6	Normal operation.	AVR1:*
		6-7	Normal operation.	AVR1:*
		7-8	No Hazard.	AVR1:0
		8-9	Output voltage decreased. No hazard.	AVR1:decreased
		9-10	Normal operation.	AVR1:*
		10-11	Output voltage decreased. No hazard.	AVR1:decreased
		11-12	No Hazard.	AVR1:0
		12-13	No Hazard.	AVR1:0
		13-14	No Hazard.	AVR1:0
		14-15	No Hazard.	AVR1:*
		15-16	Output voltage decreased. No hazard.	AVR1:decreased

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Component	Mode		Comment	Output Voltage (V)
IC201	Short	16-17	Output voltage decreased. No hazard.	AVR1:decreased
		17-18	Output voltage decreased. No hazard.	AVR1:decreased
		18-19	Output voltage decreased. No hazard.	AVR1:decreased
		20-21	Output voltage decreased. No hazard.	AVR1:decreased
		21-22	Output voltage decreased. No hazard.	AVR1:decreased
		22-23	Normal operation.	AVR1:*
		23-24	Output voltage decreased. No hazard.	AVR1:decreased
		24-25	Output voltage decreased. No hazard.	AVR1:decreased
		25-26	Output voltage decreased. No hazard.	AVR1:decreased
		26-27	Output voltage decreased. No hazard.	AVR1:decreased
		27-28	Output voltage decreased. No hazard.	AVR1:decreased
		28-29	See 80 Page.	
		29-30	No Hazard.	AVR1:0
		30-31	No Hazard.	AVR1:0
		31-32	No Hazard.	AVR1:0
		32-33	Output voltage decreased. No hazard.	AVR1:decreased
		33-34	Output voltage decreased. No hazard.	AVR1:decreased
		34-35	Output voltage decreased. No hazard.	AVR1:decreased
		35-36	Output voltage decreased. No hazard.	AVR1:decreased
		36-37	Output voltage decreased. No hazard.	AVR1:decreased
		37-38	Output voltage decreased. No hazard.	AVR1:decreased
IC202	Open	1	Normal operation.	AVR1:*
		2	Normal operation.	AVR1:*
		3	Normal operation.	AVR1:*

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Component	Mode		Comment	Output Voltage (V)
IC202	Open	4	Normal operation.	AVR1:*
		5	Normal operation.	AVR1:*
		6	Normal operation.	AVR1:*
		7	Normal operation.	AVR1:*
		8	No Hazard.	AVR1:0
	Short	1-2	Normal operation.	AVR1:*
		2-3	No Hazard.	AVR1:0
		3-4	Normal operation.	AVR1:*
		5-6	Normal operation.	AVR1:*
		6-7	Normal operation.	AVR1:*
		7-8	No Hazard.	AVR1:0
IC221	Open	1	Normal operation.	AVR1:*
		2	Normal operation.	AVR1:*
		3	Normal operation.	AVR1:*
		4	Normal operation.	AVR1:*
		5	Normal operation.	AVR1:*
	Short	1-2	Normal operation.	AVR1:*
		2-3	Normal operation.	AVR1:*
		4-5	Normal operation.	AVR1:*
IC301	Open	1	Output voltage decreased. No hazard.	AVR1:decreased
		2	Normal operation.	AVR1:*
		3	Output voltage decreased. No hazard.	AVR1:decreased
		4	Normal operation.	AVR1:*
		5	Output voltage decreased. No hazard.	AVR1:decreased

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Component	Mode		Comment	Output Voltage (V)
IC301	Open	6	Output voltage decreased. No hazard.	AVR1:decreased
		7	Output voltage decreased. No hazard.	AVR1:decreased
		8	Output voltage decreased. No hazard.	AVR1:decreased
	Short	1-2	Output voltage decreased. No hazard.	AVR1:decreased
		2-3	Normal operation.	AVR1:*
		3-4	Normal operation.	AVR1:*
		5-6	No Hazard.	AVR1:0
		6-7	Output voltage decreased. No hazard.	AVR1:decreased
		7-8	See 80 Page.	
IC311	Open	1	Normal operation.	AVR1:*
		2	Normal operation.	AVR1:*
		3	Output voltage decreased. No hazard.	AVR1:decreased
		4	See 80 Page.	
		5	See 80 Page.	
		6	See 81 Page.	
		7	See 81 Page.	
		8	See 81 Page.	
	Short	1-2	Normal operation.	AVR1:*
		2-3	See 81 Page.	
		3-4	See 81 Page.	
		5-6	Output voltage decreased. No hazard.	AVR1:decreased
		6-7	See 81 Page.	
		7-8	See 81 Page.	
IC312	Open	1	Normal operation.	AVR1:*

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Component	Mode		Comment	Output Voltage (V)
IC312	Open	2	Normal operation.	AVR1:*
		3	Output voltage decreased. No hazard.	AVR1:decreased
		4	See 81 Page.	
		5	See 81 Page.	
		6	See 81 Page.	
		7	See 81 Page.	
		8	See 81 Page.	
	Short	1-2	Normal operation.	AVR1:*
		2-3	See 81 Page.	
		3-4	See 81 Page.	
		5-6	Output voltage decreased. No hazard.	AVR1:decreased
		6-7	See 81 Page.	
		7-8	See 81 Page.	
IC361	Open	1	Output voltage decreased. No hazard.	AVR1:decreased
		2	Output voltage decreased. No hazard.	AVR1:decreased
		3	Output voltage decreased. No hazard.	AVR1:decreased
		4	Normal operation.	AVR1:*
		5	Output voltage decreased. No hazard.	AVR1:decreased
	Short	1-2	Output voltage decreased. No hazard.	AVR1:decreased
		2-3	Output voltage decreased. No hazard.	AVR1:decreased
		4-5	Output voltage decreased. No hazard.	AVR1:decreased
IC401	Open	C	No Hazard.	AVR1:0
		S	No Hazard.	AVR1:0
		D	No Hazard.	AVR1:0

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Component	Mode		Comment	Output Voltage (V)
IC401	Short	C-S	No Hazard.	AVR1:0
		D-S	See 81 Page.	
		D-C	No Hazard.	AVR1:0
IC701	Open	1	Normal operation.	AVR1:*
		2	No Hazard.	AVR1:0
		3	No Hazard.	AVR1:0
		4	No Hazard.	AVR1:0
		5	Normal operation.	AVR1:*
		6	No Hazard.	AVR1:0
		7	Normal operation.	AVR1:*
		8	No Hazard.	AVR1:0
		9	Normal operation.	AVR1:*
		10	Normal operation.	AVR1:*
		11	Normal operation.	AVR1:*
		12	No Hazard.	AVR1:0
		13	No Hazard.	AVR1:0
		14	No Hazard.	AVR1:0
		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
		21	Normal operation.	AVR1:*

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Component	Mode		Comment	Output Voltage (V)
IC701	Open	22	Normal operation.	AVR1:*
		23	Normal operation.	AVR1:*
		24	Normal operation.	AVR1:*
		25	Normal operation.	AVR1:*
		26	Output voltage decreased. No hazard.	AVR1:decreased
		27	Normal operation.	AVR1:*
		28	Normal operation.	AVR1:*
		29	Normal operation.	AVR1:*
		30	Normal operation.	AVR1:*
		31	Normal operation.	AVR1:*
		32	Normal operation.	AVR1:*
		33	Normal operation.	AVR1:*
		34	Output voltage decreased. No hazard.	AVR1:decreased
		35	Normal operation.	AVR1:*
		36	Normal operation.	AVR1:*
		37	Normal operation.	AVR1:*
		38	No Hazard.	AVR1:0
	Short	1-2	No Hazard.	AVR1:0
		2-3	No Hazard.	AVR1:0
		3-4	No Hazard.	AVR1:0
		4-5	Output voltage increased. No hazard.	AVR1:increased(130%)
		5-6	Normal operation.	AVR1:*
		6-7	No Hazard.	AVR1:0
		7-8	No Hazard.	AVR1:0

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Component	Mode		Comment	Output Voltage (V)
IC701	Short	8-9	Normal operation.	AVR1:*
		9-10	Normal operation.	AVR1:*
		10-11	Normal operation.	AVR1:*
		11-12	Normal operation.	AVR1:*
		12-13	No Hazard.	AVR1:0
		13-14	No Hazard.	AVR1:0
		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:*
		20-21	No Hazard.	AVR1:0
		21-22	Normal operation.	AVR1:*
		22-23	Normal operation.	AVR1:*
		23-24	Normal operation.	AVR1:*
		24-25	Output voltage decreased. No hazard.	AVR1:decreased
		25-26	Output voltage decreased. No hazard.	AVR1:decreased
		26-27	Output voltage decreased. No hazard.	AVR1:decreased
		27-28	Normal operation.	AVR1:*
		28-29	Normal operation.	AVR1:*
		29-30	Normal operation.	AVR1:*
		30-31	Normal operation.	AVR1:*
		31-32	Normal operation.	AVR1:*
		32-33	Normal operation.	AVR1:*

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Component	Mode		Comment	Output Voltage (V)
IC701	Short	33-34	Normal operation.	AVR1:*
		34-35	Output voltage decreased. No hazard.	AVR1:decreased
		35-36	Normal operation.	AVR1:*
		36-37	Normal operation.	AVR1:*
		37-38	Normal operation.	AVR1:*
IC702	Open	1	Normal operation.	AVR1:*
		2	Normal operation.	AVR1:*
		3	No Hazard.	AVR1:0
		4	No Hazard.	AVR1:0
		5	No Hazard.	AVR1:0
	Short	1-2	Normal operation.	AVR1:*
		2-3	Normal operation.	AVR1:*
		4-5	No Hazard.	AVR1:0
IC703	Open	1	No Hazard.	AVR1:0
		2	Output voltage decreased. No hazard.	AVR1:decreased
		3	Normal operation.	AVR1:*
		4	No Hazard.	AVR1:0
		5	Normal operation.	AVR1:*
		6	Output voltage decreased. No hazard.	AVR1:decreased
		7	Output voltage decreased. No hazard.	AVR1:decreased
		8	No Hazard.	AVR1:0
	Short	1-2	Normal operation.	AVR1:*
		2-3	No Hazard.	AVR1:0
		3-4	Normal operation.	AVR1:*

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Component	Mode		Comment	Output Voltage (V)
IC703	Short	5-6	Output voltage decreased. No hazard.	AVR1:decreased
		6-7	Normal operation.	AVR1:*
		7-8	No Hazard.	AVR1:0
IC721	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
	Short	1-2	No Hazard.	AVR1:0
		2-3	No Hazard.	AVR1:0
		4-5	No Hazard.	AVR1:0
IC722	Open	1	Normal operation.	AVR1:*
		2	Output voltage decreased. No hazard.	AVR1:decreased
		3	Output voltage decreased. No hazard.	AVR1:decreased
		4	Output voltage decreased. No hazard.	AVR1:decreased
		5	Output voltage decreased. No hazard.	AVR1:decreased
	Short	1-2	Normal operation.	AVR1:*
		2-3	Output voltage increased. No hazard.	AVR1:increased(130%)
		4-5	Output voltage increased. No hazard.	AVR1:increased(130%)
IC723	Open	1	No Hazard.	AVR1:0
		2	No Hazard.	AVR1:0
		3	Output voltage decreased. No hazard.	AVR1:decreased
		4	Output voltage decreased. No hazard.	AVR1:decreased
		5	No Hazard.	AVR1:0

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参考資料

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Component	Mode		Comment	Output Voltage (V)
IC723	Short	1-2	No Hazard.	AVR1:0
		2-3	Output voltage decreased. No hazard.	AVR1:decreased
		4-5	Output voltage decreased. No hazard.	AVR1:decreased
IC761	Open	1	Normal operation.	AVR1:*
		2	Normal operation.	AVR1:*
		3	Normal operation.	AVR1:*
		4	Normal operation.	AVR1:*
		5	Normal operation.	AVR1:*
	Short	1-2	Normal operation.	AVR1:*
		2-3	Normal operation.	AVR1:*
		4-5	No Hazard.	AVR1:0
IC801	Open	1	Normal operation.	AVR1:*
		2	No Hazard.	AVR1:0
		3	No Hazard.	AVR1:0
		4	No Hazard.	AVR1:0
		5	No Hazard.	AVR1:0
	Short	1-2	Normal operation.	AVR1:*
		2-3	No Hazard.	AVR1:0
		4-5	No Hazard.	AVR1:0
IC805	Open	1	Normal operation.	AVR1:*
		2	Normal operation.	AVR1:*
		3	Normal operation.	AVR1:*
		4	Normal operation.	AVR1:*
		5	Normal operation.	AVR1:*

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Component	Mode		Comment	Output Voltage (V)
IC805	Short	1-2	Normal operation.	AVR1:*
		2-3	Normal operation.	AVR1:*
		4-5	Normal operation.	AVR1:*
IC831	Open	1	Normal operation.	AVR1:*
		2	Normal operation.	AVR1:*
		3	Normal operation.	AVR1:*
		4	Normal operation.	AVR1:*
		5	Normal operation.	AVR1:*
		6	No Hazard.	AVR1:*
		7	No Hazard.	AVR1:*
		8	Normal operation.	AVR1:*
	Short	1-2	Normal operation.	AVR1:*
		2-3	Normal operation.	AVR1:*
		3-4	Normal operation.	AVR1:*
		5-6	Normal operation.	AVR1:*
		6-7	Normal operation.	AVR1:*
		7-8	No Hazard.	AVR1:0
L101	Open	1	No Hazard.	AVR1:0
		2	No Hazard.	AVR1:0
		3	No Hazard.	AVR1:0
		4	No Hazard.	AVR1:0
	Short	1-2	Normal operation.	AVR1:*
		3-4	Normal operation.	AVR1:*
L102	Open		No Hazard.	AVR1:0

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Component	Mode		Comment	Output Voltage (V)
L102	Short		Normal operation.	AVR1:*
L103	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
	Short	1-2	F101,F102 opend, No hazard.	AVR1:0
		2-3	F101,F102 opend, No hazard.	AVR1:0
		5-6	No Hazard.	AVR1:0
		6-7	No Hazard.	AVR1:0
L301	Open		Output voltage decreased. No hazard.	AVR1:decreased
	Short		F101,F102 opend, No hazard.	AVR1:0
L801	Open		No Hazard.	AVR1:0
	Short		No Hazard.	AVR1:*
L951	Open		Normal operation.	AVR1:*
	Short		Normal operation.	AVR1:*
LED701	Open		Normal operation.	AVR1:*
	Short		Normal operation.	AVR1:*
LED702	Open		Normal operation.	AVR1:*
	Short		Normal operation.	AVR1:*
PC201	Open	A,K	Normal operation.	AVR1:*
		C,E	Normal operation.	AVR1:*

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Component	Mode		Comment	Output Voltage (V)
PC201	Short	A-K	Normal operation.	AVR1:*
		C-E	Normal operation.	AVR1:*
PC202	Open	A,K	Normal operation.	AVR1:*
		C,E	Normal operation.	AVR1:*
	Short	A-K	Normal operation.	AVR1:*
		C-E	Normal operation.	AVR1:*
PC203	Open	1	No Hazard.	AVR1:0
		3	No Hazard.	AVR1:0
		4	No Hazard.	AVR1:0
		5	No Hazard.	AVR1:0
		6	No Hazard.	AVR1:0
	Short	1-3	No Hazard.	AVR1:0
		4-5	No Hazard.	AVR1:0
		5-6	No Hazard.	AVR1:0
PC204	Open	1	No Hazard.	AVR1:0
		3	No Hazard.	AVR1:0
		4	No Hazard.	AVR1:0
		5	No Hazard.	AVR1:0
		6	No Hazard.	AVR1:0
	Short	1-3	No Hazard.	AVR1:0
		4-5	No Hazard.	AVR1:0
		5-6	No Hazard.	AVR1:0
PC205	Open	A,K	Normal operation.	AVR1:*
		C,E	Normal operation.	AVR1:*

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Component	Mode		Comment	Output Voltage (V)
PC205	Short	A-K	Normal operation.	AVR1:*
		C-E	No Hazard.	AVR1:0
PC301	Open	A, K	Output voltage increased. No hazard.	AVR1:increased(130%)
		C, E	Output voltage increased. No hazard.	AVR1:increased(130%)
	Short	A-K	Output voltage increased. No hazard.	AVR1:increased(130%)
		C-E	Output voltage decreased. No hazard.	AVR1:decreased
PC401	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
PC601	Open	1	No Hazard.	AVR1:0
		3	No Hazard.	AVR1:0
		4	No Hazard.	AVR1:0
		5	No Hazard.	AVR1:0
		6	No Hazard.	AVR1:0
	Short	1-3	No Hazard.	AVR1:0
		4-5	No Hazard.	AVR1:0
		5-6	No Hazard.	AVR1:0
PC602	Open	1	No Hazard.	AVR1:0
		3	No Hazard.	AVR1:0
		4	No Hazard.	AVR1:0
		5	No Hazard.	AVR1:0
		6	No Hazard.	AVR1:0
	Short	1-3	No Hazard.	AVR1:0

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Component	Mode		Comment	Output Voltage (V)
PC602	Short	4-5	No Hazard.	AVR1:0
		5-6	No Hazard.	AVR1:0
PC701	Open	A,K	Normal operation.	AVR1:*
		C,E	Normal operation.	AVR1:*
	Short	A-K	Normal operation.	AVR1:*
		C-E	Normal operation.	AVR1:*
PC781	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
PC782	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
PC802	Open	A,K	Normal operation.	AVR1:*
		C,E	Normal operation.	AVR1:*
	Short	A-K	Normal operation.	AVR1:*
		C-E	Normal operation.	AVR1:*
PC803	Open	A,K	Normal operation.	AVR1:*
		C,E	Normal operation.	AVR1:*
	Short	A-K	Normal operation.	AVR1:*
		C-E	Normal operation.	AVR1:*
PC804	Open	A,K	Normal operation.	AVR1:*
		C,E	Normal operation.	AVR1:*

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Component	Mode		Comment	Output Voltage (V)
PC804	Short	A-K	Normal operation.	AVR1:*
		C-E	Normal operation.	AVR1:*
PTH301	Open		Output voltage decreased. No hazard.	AVR1:decreased
	Short		Normal operation.	AVR1:*
R101	Open		Normal operation.	AVR1:*
R102	Open		No Hazard.	AVR1:0
R103	Open		No Hazard.	AVR1:0
R104	Open		No Hazard.	AVR1:0
R105	Open		No Hazard.	AVR1:0
R106	Open		No Hazard.	AVR1:0
R109	Open		No Hazard.	AVR1:0
R110	Open		No Hazard.	AVR1:0
R111	Open		No Hazard.	AVR1:0
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:*
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:*

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Component	Mode	Comment	Output Voltage (V)
R126	Open	Normal operation.	AVR1:*
R127	Open	No Hazard.	AVR1:0
R128	Open	Normal operation.	AVR1:*
R129	Open	Normal operation.	AVR1:*
R130	Open	Normal operation.	AVR1:*
R140	Open	No Hazard.	AVR1:0
R141	Open	No Hazard.	AVR1:0
R142	Open	No Hazard.	AVR1:0
R143	Open	No Hazard.	AVR1:0
R144	Open	No Hazard.	AVR1:0
R145	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	Normal operation.	AVR1:*
R154	Open	Normal operation.	AVR1:*
R155	Open	Normal operation.	AVR1:*
R156	Open	Normal operation.	AVR1:*
R158	Open	Normal operation.	AVR1:*
R159	Open	Normal operation.	AVR1:*
R160	Open	Normal operation.	AVR1:*
R161	Open	Normal operation.	AVR1:*
R162	Open	No Hazard.	AVR1:0
R163	Open	Normal operation.	AVR1:*

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Component	Mode	Comment	Output Voltage (V)
R164	Open	Normal operation.	AVR1:*
R165	Open	No Hazard.	AVR1:0
R166	Open	No Hazard.	AVR1:0
R167	Open	No Hazard.	AVR1:0
R168	Open	No Hazard.	AVR1:0
R169	Open	No Hazard.	AVR1:0
R170	Open	No Hazard.	AVR1:0
R171	Open	Normal operation.	AVR1:*
R172	Open	Normal operation.	AVR1:*
R173	Open	Normal operation.	AVR1:*
R174	Open	No Hazard.	AVR1:0
R175	Open	Normal operation.	AVR1:*
R176	Open	Normal operation.	AVR1:*
R180	Open	Normal operation.	AVR1:*
R181	Open	Normal operation.	AVR1:*
R182	Open	Normal operation.	AVR1:*
R183	Open	No Hazard.	AVR1:0
R184	Open	No Hazard.	AVR1:0
R185	Open	Normal operation.	AVR1:*
R201	Open	No Hazard.	AVR1:0
R202	Open	Output voltage decreased. No hazard.	AVR1:decreased
R203	Open	Normal operation.	AVR1:*
R204	Open	Normal operation.	AVR1:*
R207	Open	No Hazard.	AVR1:0

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Component	Mode	Comment	Output Voltage (V)
R211	Open	No Hazard.	AVR1:0
R212	Open	No Hazard.	AVR1:0
R213	Open	Normal operation.	AVR1:*
R220	Open	Normal operation.	AVR1:*
R221	Open	Normal operation.	AVR1:*
R222	Open	Output voltage decreased. No hazard.	AVR1:decreased
R223	Open	Normal operation.	AVR1:*
R224	Open	Normal operation.	AVR1:*
R225	Open	Output voltage decreased. No hazard.	AVR1:decreased
R226	Open	Output voltage decreased. No hazard.	AVR1:decreased
R227	Open	No Hazard.	AVR1:0
R228	Open	Normal operation.	AVR1:*
R229	Open	Normal operation.	AVR1:*
R240	Open	Normal operation.	AVR1:*
R241	Open	Output voltage decreased. No hazard.	AVR1:decreased
R242	Open	Normal operation.	AVR1:*
R243	Open	No Hazard.	AVR1:0
R244	Open	No Hazard.	AVR1:0
R245	Open	No Hazard.	AVR1:0
R246	Open	No Hazard.	AVR1:0
R251	Open	Normal operation.	AVR1:*
R252	Open	No Hazard.	AVR1:0
R253	Open	No Hazard.	AVR1:0
R254	Open	Normal operation.	AVR1:*

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Component	Mode	Comment	Output Voltage (V)
R301	Open	Normal operation.	AVR1:*
R302	Open	Normal operation.	AVR1:*
R303	Open	Normal operation.	AVR1:*
R304	Open	Normal operation.	AVR1:*
R305	Open	Normal operation.	AVR1:*
R306	Open	Normal operation.	AVR1:*
R307	Open	Normal operation.	AVR1:*
R308	Open	Normal operation.	AVR1:*
R311	Open	Output voltage decreased. No hazard.	AVR1:decreased
R312	Open	See 81 Page.	
R314	Open	Normal operation.	AVR1:*
R317	Open	Normal operation.	AVR1:*
R318	Open	Normal operation.	AVR1:*
R321	Open	Output voltage decreased. No hazard.	AVR1:decreased
R322	Open	No Hazard.	AVR1:0
R323	Open	Normal operation.	AVR1:*
R324	Open	Output voltage decreased. No hazard.	AVR1:decreased
R325	Open	Normal operation.	AVR1:*
R326	Open	Normal operation.	AVR1:*
R327	Open	Normal operation.	AVR1:*
R332	Open	Normal operation.	AVR1:*
R333	Open	Normal operation.	AVR1:*
R334	Open	Normal operation.	AVR1:*
R335	Open	Normal operation.	AVR1:*

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Component	Mode	Comment	Output Voltage (V)
R336	Open	Normal operation.	AVR1:*
R337	Open	Normal operation.	AVR1:*
R339	Open	Normal operation.	AVR1:*
R340	Open	Normal operation.	AVR1:*
R341	Open	Normal operation.	AVR1:*
R342	Open	Normal operation.	AVR1:*
R343	Open	Output voltage decreased. No hazard.	AVR1:decreased
R344	Open	Normal operation.	AVR1:*
R345	Open	Normal operation.	AVR1:*
R346	Open	Normal operation.	AVR1:*
R347	Open	Normal operation.	AVR1:*
R348	Open	Normal operation.	AVR1:*
R349	Open	Normal operation.	AVR1:*
R350	Open	Normal operation.	AVR1:*
R351	Open	Normal operation.	AVR1:*
R352	Open	Normal operation.	AVR1:*
R353	Open	Output voltage decreased. No hazard.	AVR1:decreased
R354	Open	Normal operation.	AVR1:*
R355	Open	Output voltage decreased. No hazard.	AVR1:decreased
R356	Open	Normal operation.	AVR1:*
R357	Open	No Hazard.	AVR1:0
R358	Open	No Hazard.	AVR1:0
R359	Open	Normal operation.	AVR1:*
R360	Open	Normal operation.	AVR1:*

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参考資料

F M E A

Component	Mode	Comment	Output Voltage (V)
R362	Open	Normal operation.	AVR1:*
R364	Open	No Hazard.	AVR1:0
R367	Open	Normal operation.	AVR1:*
R368	Open	Normal operation.	AVR1:*
R369	Open	Normal operation.	AVR1:*
R371	Open	Normal operation.	AVR1:*
R372	Open	Normal operation.	AVR1:*
R373	Open	Normal operation.	AVR1:*
R375	Open	Output voltage decreased. No hazard.	AVR1:decreased
R376	Open	Normal operation.	AVR1:*
R377	Open	Output voltage decreased. No hazard.	AVR1:decreased
R378	Open	Normal operation.	AVR1:*
R379	Open	Normal operation.	AVR1:*
R381	Open	See 81 Page.	
R382	Open	Normal operation.	AVR1:*
R383	Open	See 81 Page.	
R384	Open	Normal operation.	AVR1:*
R385	Open	See 81 Page.	
R386	Open	Normal operation.	AVR1:*
R387	Open	See 81 Page.	
R388	Open	Normal operation.	AVR1:*
R391	Open	See 81 Page.	
R392	Open	See 81 Page.	
R393	Open	See 82 Page.	

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Component	Mode	Comment	Output Voltage (V)
R394	Open	See 82 Page.	
R395	Open	See 82 Page.	
R396	Open	See 82 Page.	
R397	Open	Normal operation.	AVR1:*
R398	Open	Normal operation.	AVR1:*
R401	Open	No Hazard.	AVR1:0
R402	Open	Normal operation.	AVR1:*
R403	Open	Normal operation.	AVR1:*
R404	Open	Normal operation.	AVR1:*
R405	Open	Normal operation.	AVR1:*
R406	Open	No Hazard.	AVR1:0
R407	Open	No Hazard.	AVR1:0
R408	Open	No Hazard.	AVR1:0
R409	Open	No Hazard.	AVR1:0
R410	Open	No Hazard.	AVR1:0
R411	Open	Normal operation.	AVR1:*
R412	Open	Normal operation.	AVR1:*
R421	Open	Normal operation.	AVR1:*
R422	Open	No Hazard.	AVR1:0
R423	Open	Normal operation.	AVR1:*
R424	Open	Normal operation.	AVR1:*
R513 only5, 12, 15V	Open	See 82 Page.	
		See 82 Page.	
R514 only5, 12, 15V	Open	See 82 Page.	

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Component	Mode	Comment	Output Voltage (V)
R523	Open	Normal operation.	AVR1:*
R524 only5, 12, 15V	Open	Normal operation.	AVR1:*
R533	Open	Normal operation.	AVR1:*
R534 only5, 12, 15V	Open	Normal operation.	AVR1:*
R543 only5, 12, 15V	Open	See 82 Page.	
		See 82 Page.	
R544 only5, 12, 15V	Open	See 82 Page.	
R553	Open	Normal operation.	AVR1:*
R554 only5, 12, 15V	Open	Normal operation.	AVR1:*
R563	Open	Normal operation.	AVR1:*
R564 only5, 12, 15V	Open	Normal operation.	AVR1:*
R601	Open	Normal operation.	AVR1:*
R603	Open	Normal operation.	AVR1:*
R604	Open	No Hazard.	AVR1:0
R605	Open	Normal operation.	AVR1:*
R611	Open	Normal operation.	AVR1:*
R612	Open	Normal operation.	AVR1:*
R613	Open	Normal operation.	AVR1:*
R614	Open	Output voltage decreased. No hazard.	AVR1:decreased
R615	Open	No Hazard.	AVR1:0
R617	Open	No Hazard.	AVR1:0
R618	Open	No Hazard.	AVR1:0
R619	Open	No Hazard.	AVR1:0
R620	Open	No Hazard.	AVR1:0

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F M E A

Component	Mode	Comment	Output Voltage (V)
R621	Open	Normal operation.	AVR1:*
R622	Open	Normal operation.	AVR1:*
R623	Open	Normal operation.	AVR1:*
R624	Open	Output voltage decreased. No hazard.	AVR1:decreased
R625	Open	No Hazard.	AVR1:0
R627	Open	No Hazard.	AVR1:0
R628	Open	No Hazard.	AVR1:0
R629	Open	No Hazard.	AVR1:0
R630	Open	No Hazard.	AVR1:0
R631	Open	No Hazard.	AVR1:0
R632	Open	Normal operation.	AVR1:*
R633	Open	No Hazard.	AVR1:0
R634	Open	Normal operation.	AVR1:*
R635	Open	Normal operation.	AVR1:*
R637	Open	No Hazard.	AVR1:0
R639	Open	No Hazard.	AVR1:0
R651	Open	Normal operation.	AVR1:*
R652	Open	Normal operation.	AVR1:*
R653	Open	Normal operation.	AVR1:*
R654	Open	Normal operation.	AVR1:*
R655	Open	Normal operation.	AVR1:*
R661	Open	Normal operation.	AVR1:*
R662	Open	Normal operation.	AVR1:*
R663	Open	Normal operation.	AVR1:*

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F M E A

Component	Mode	Comment	Output Voltage (V)
R664	Open	Normal operation.	AVR1:*
R665	Open	Normal operation.	AVR1:*
R667	Open	Normal operation.	AVR1:*
R668	Open	Normal operation.	AVR1:*
R669	Open	Normal operation.	AVR1:*
R670	Open	Normal operation.	AVR1:*
R671	Open	Normal operation.	AVR1:*
R673	Open	Normal operation.	AVR1:*
R674	Open	Normal operation.	AVR1:*
R675	Open	Normal operation.	AVR1:*
R676	Open	Normal operation.	AVR1:*
R677	Open	Normal operation.	AVR1:*
R678 Only48V	Open	Normal operation.	AVR1:*
R679 Only48V	Open	Normal operation.	AVR1:*
R680 Only48V	Open	Normal operation.	AVR1:*
R681 Only48V	Open	Normal operation.	AVR1:*
R682 Only48V	Open	Normal operation.	AVR1:*
R683 Only48V	Open	Normal operation.	AVR1:*
R684 Only48V	Open	Normal operation.	AVR1:*
R685 Only48V	Open	Normal operation.	AVR1:*
R686 Only48V	Open	Normal operation.	AVR1:*
R687 Only48V	Open	Normal operation.	AVR1:*
R688 Only48V	Open	Normal operation.	AVR1:*
R689 Only48V	Open	Normal operation.	AVR1:*

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Component	Mode	Comment	Output Voltage (V)
R690 Only48V	Open	Normal operation.	AVR1:*
R691	Open	Normal operation.	AVR1:*
R692	Open	Normal operation.	AVR1:*
R693	Open	Normal operation.	AVR1:*
R701	Open	Normal operation.	AVR1:*
R703	Open	Normal operation.	AVR1:*
R704	Open	Normal operation.	AVR1:*
R705	Open	Normal operation.	AVR1:*
R706	Open	Normal operation.	AVR1:*
R707	Open	No Hazard.	AVR1:0
R708	Open	No Hazard.	AVR1:0
R709	Open	Normal operation.	AVR1:*
R710	Open	No Hazard.	AVR1:0
R711	Open	No Hazard.	AVR1:0
R712	Open	Normal operation.	AVR1:*
R713	Open	Normal operation.	AVR1:*
R714	Open	Normal operation.	AVR1:*
R715	Open	Normal operation.	AVR1:*
R716	Open	No Hazard.	AVR1:0
R717	Open	Normal operation.	AVR1:*
R721	Open	No Hazard.	AVR1:0
R722	Open	Normal operation.	AVR1:*
R723	Open	Normal operation.	AVR1:*
R724	Open	Output voltage decreased. No hazard.	AVR1:decreased

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Component	Mode	Comment	Output Voltage (V)
R726	Open	No Hazard.	AVR1:0
R727	Open	Normal operation.	AVR1:*
R728	Open	Normal operation.	AVR1:*
R729	Open	Normal operation.	AVR1:*
R730	Open	Output voltage decreased. No hazard.	AVR1:decreased
R731	Open	No Hazard.	AVR1:0
R732	Open	Output voltage decreased. No hazard.	AVR1:decreased
R733	Open	Output voltage decreased. No hazard.	AVR1:decreased
R734	Open	No Hazard.	AVR1:0
R735	Open	Output voltage decreased. No hazard.	AVR1:decreased
R736	Open	Normal operation.	AVR1:*
R737	Open	Output voltage decreased. No hazard.	AVR1:decreased
R738	Open	Output voltage decreased. No hazard.	AVR1:decreased
R739	Open	Normal operation.	AVR1:*
R740	Open	Normal operation.	AVR1:*
R741	Open	See 82 Page.	
R742	Open	See 82 Page.	
R743	Open	No Hazard.	AVR1:0
R744	Open	No Hazard.	AVR1:0
R745 only5,12,15V	Open	Normal operation.	AVR1:*
R749	Open	No Hazard.	AVR1:0
R750	Open	Normal operation.	AVR1:*
R751	Open	Normal operation.	AVR1:*
R752	Open	No Hazard.	AVR1:0

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Component	Mode	Comment	Output Voltage (V)
R753	Open	Normal operation.	AVR1:*
R754	Open	Normal operation.	AVR1:*
R755	Open	Normal operation.	AVR1:*
R756	Open	Normal operation.	AVR1:*
R757	Open	No Hazard.	AVR1:0
R759	Open	Output voltage decreased. No hazard.	AVR1:decreased
R760	Open	Output voltage decreased. No hazard.	AVR1:decreased
R761	Open	Output voltage increased. No hazard.	AVR1:increased(130%)
R762	Open	Normal operation.	AVR1:*
R763	Open	Normal operation.	AVR1:*
R764	Open	Normal operation.	AVR1:*
R765	Open	Normal operation.	AVR1:*
R766	Open	Normal operation.	AVR1:*
R767	Open	Normal operation.	AVR1:*
R768	Open	Normal operation.	AVR1:*
R771	Open	Output voltage decreased. No hazard.	AVR1:decreased
R772	Open	Output voltage decreased. No hazard.	AVR1:decreased
R773	Open	Normal operation.	AVR1:*
R774	Open	Normal operation.	AVR1:*
R781	Open	No Hazard.	AVR1:0
R782	Open	No Hazard.	AVR1:0
R783	Open	Normal operation.	AVR1:*
R784	Open	No Hazard.	AVR1:0
R785	Open	No Hazard.	AVR1:0

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F M E A

Component	Mode	Comment	Output Voltage (V)
R786	Open	No Hazard.	AVR1:0
R787	Open	No Hazard.	AVR1:0
R788	Open	No Hazard.	AVR1:0
R789	Open	No Hazard.	AVR1:0
R790	Open	Normal operation.	AVR1:*
R791	Open	Normal operation.	AVR1:*
R792	Open	Normal operation.	AVR1:*
R793	Open	Normal operation.	AVR1:*
R795	Open	Normal operation.	AVR1:*
R796	Open	Normal operation.	AVR1:*
R799	Open	Normal operation.	AVR1:*
R801	Open	No Hazard.	AVR1:0
R802	Open	Normal operation.	AVR1:*
R803	Open	No Hazard.	AVR1:0
R804	Open	No Hazard.	AVR1:0
R813	Open	Normal operation.	AVR1:*
R814	Open	Normal operation.	AVR1:*
R815	Open	Normal operation.	AVR1:*
R817	Open	Normal operation.	AVR1:*
R818	Open	Normal operation.	AVR1:*
R821	Open	Normal operation.	AVR1:*
R822	Open	Normal operation.	AVR1:*
R823	Open	Normal operation.	AVR1:*
R824	Open	Normal operation.	AVR1:*

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F M E A

Component	Mode	Comment	Output Voltage (V)
R831	Open	Normal operation.	AVR1:*
R832	Open	Normal operation.	AVR1:*
R901	Open	Normal operation.	AVR1:*
R902	Open	Normal operation.	AVR1:*
R903	Open	Normal operation.	AVR1:*
R904	Open	Normal operation.	AVR1:*
R905	Open	No Hazard.	AVR1:0
R906	Open	Normal operation.	AVR1:*
R907	Open	Normal operation.	AVR1:*
R908	Open	Normal operation.	AVR1:*
R909	Open	Normal operation.	AVR1:*
R910	Open	Normal operation.	AVR1:*
R911	Open	Normal operation.	AVR1:*
R912	Open	Normal operation.	AVR1:*
R913	Open	Normal operation.	AVR1:*
R914	Open	Normal operation.	AVR1:*
R915	Open	Normal operation.	AVR1:*
R916	Open	Normal operation.	AVR1:*
R921	Open	Normal operation.	AVR1:*
R922	Open	Normal operation.	AVR1:*
R923	Open	Normal operation.	AVR1:*
R924	Open	Normal operation.	AVR1:*
R925	Open	Normal operation.	AVR1:*
R926	Open	Normal operation.	AVR1:*

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Component	Mode		Comment	Output Voltage (V)
R927	Open		Normal operation.	AVR1:*
R931	Open		Normal operation.	AVR1:*
R932	Open		Normal operation.	AVR1:*
R941	Open		Normal operation.	AVR1:*
R942	Open		Normal operation.	AVR1:*
R943	Open		Normal operation.	AVR1:*
R944	Open		Normal operation.	AVR1:*
R951	Open		Normal operation.	AVR1:*
R952	Open		Normal operation.	AVR1:*
R953	Open		Normal operation.	AVR1:*
R954	Open		Normal operation.	AVR1:*
R955	Open		Normal operation.	AVR1:*
R956	Open		Normal operation.	AVR1:*
R971	Open		Normal operation.	AVR1:*
SS101	Open	1	No Hazard.	AVR1:0
		2	No Hazard.	AVR1:0
		3	No Hazard.	AVR1:0
		4	No Hazard.	AVR1:0
	Short	1-2	See 82 Page.	
		2-3	See 82 Page.	
		3-4	See 82 Page.	
T401	Open	1	No Hazard.	AVR1:0
		2	No Hazard.	AVR1:0
		3	No Hazard.	AVR1:0

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Component	Mode		Comment	Output Voltage (V)
T401	Open	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
		9	No Hazard.	AVR1:0
		10	No Hazard.	AVR1:0
	Short	1-2	No Hazard.	AVR1:0
		2-3	No Hazard.	AVR1:0
		3-4	No Hazard.	AVR1:0
		5-6	No Hazard.	AVR1:0
		6-7	No Hazard.	AVR1:0
		7-8	No Hazard.	AVR1:0
		8-9	No Hazard.	AVR1:0
		9-10	No Hazard.	AVR1:0
T501	Open	1	No Hazard.	AVR1:0
		2	No Hazard.	AVR1:0
		3	See 82 Page.	
		4	See 82 Page.	
		5	See 82 Page.	
		3	See 82 Page.	
		4	See 82 Page.	
		5	See 82 Page.	
		6	See 82 Page.	

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Component	Mode		Comment	Output Voltage (V)
T501　only5,12,15V	Open	7	See　82 Page.	
		8	See　82 Page.	
	Short	1-2	See　82 Page.	
		3-4	Output voltage decreased. No hazard.	AVR1:decreased
		4-5	Output voltage decreased. No hazard.	AVR1:decreased
		6-7	Output voltage decreased. No hazard.	AVR1:decreased
		7-8	Output voltage decreased. No hazard.	AVR1:decreased
T901	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:*
	Short	1-2	No Hazard.	AVR1:0
		2-3	Normal operation.	AVR1:*
		3-4	Normal operation.	AVR1:*
		4-5	Normal operation.	AVR1:*
		5-6	Normal operation.	AVR1:*
TH201	Open		Normal operation.	AVR1:*
	Short		Output voltage decreased. No hazard.	AVR1:decreased
TR101	Open	D	No Hazard.	AVR1:0
		S	No Hazard.	AVR1:0
		G	No Hazard.	AVR1:0
	Short	D-S	See　82 Page.	

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Component	Mode		Comment	Output Voltage (V)
TR101	Short	S-G	No Hazard.	AVR1:0
		G-D	See 82 Page.	
TR103	Open	D	No Hazard.	AVR1:0
		S	No Hazard.	AVR1:0
		G	No Hazard.	AVR1:0
	Short	D-S	See 82 Page.	
		S-G	No Hazard.	AVR1:0
		G-D	See 82 Page.	
TR151	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:*
TR152	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:*
TR153	Open	D	Normal operation.	AVR1:*
		S	Normal operation.	AVR1:*
		G	No Hazard.	AVR1:0
	Short	D-S	No Hazard.	AVR1:0

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Component	Mode		Comment	Output Voltage (V)
TR153	Short	S-G	Normal operation.	AVR1:*
		G-D	No Hazard.	AVR1:0
TR180	Open	D	No Hazard.	AVR1:0
		S	No Hazard.	AVR1:0
		G	No Hazard.	AVR1:0
	Short	D-S	Normal operation.	AVR1:*
		S-G	No Hazard.	AVR1:0
		G-D	Normal operation.	AVR1:*
TR181	Open	1(1)	Normal operation.	AVR1:*
		1(2)	Normal operation.	AVR1:*
		2(3)	No Hazard.	AVR1:0
		2(4)	No Hazard.	AVR1:0
		2(5)	No Hazard.	AVR1:0
		1(6)	Normal operation.	AVR1:*
	Short	1-1(1-2)	Normal operation.	AVR1:*
		1-2(2-3)	Normal operation.	AVR1:*
		2-2(4-5)	No Hazard.	AVR1:0
		2-1(5-6)	Normal operation.	AVR1:*
TR221	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:*

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Component	Mode		Comment	Output Voltage (V)
TR251	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:*
TR252	Open	D	No Hazard.	AVR1:0
		S	No Hazard.	AVR1:0
		G	No Hazard.	AVR1:0
	Short	D-S	No Hazard.	AVR1:0
		S-G	No Hazard.	AVR1:0
		G-D	No Hazard.	AVR1:0
TR301	Open	D	See 83 Page.	
		S	See 83 Page.	
		G	See 83 Page.	
	Short	D-S	See 83 Page.	
		S-G	See 83 Page.	
		G-D	See 83 Page.	
TR303	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

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Component	Mode		Comment	Output Voltage (V)
TR304	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:*
TR305	Open	C	Normal operation.	AVR1:*
		E	Normal operation.	AVR1:*
		B	Normal operation.	AVR1:*
	Short	C-E	No Hazard.	AVR1:*
		E-B	Normal operation.	AVR1:*
		B-C	No Hazard.	AVR1:*
TR311	Open	D	See 83 Page.	
		S	See 83 Page.	
		G	See 83 Page.	
	Short	D-S	See 83 Page.	
		S-G	See 83 Page.	
		G-D	See 83 Page.	
TR312	Open	D	See 83 Page.	
		S	See 83 Page.	
		G	See 83 Page.	
	Short	D-S	See 83 Page.	
		S-G	See 83 Page.	
		G-D	See 83 Page.	

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Component	Mode		Comment	Output Voltage (V)
TR313	Open	D	See 83 Page.	
		S	See 83 Page.	
		G	See 83 Page.	
	Short	D-S	See 83 Page.	
		S-G	See 83 Page.	
		G-D	See 83 Page.	
TR314	Open	D	See 84 Page.	
		S	See 84 Page.	
		G	See 84 Page.	
	Short	D-S	See 84 Page.	
		S-G	See 84 Page.	
		G-D	See 84 Page.	
TR331	Open	1(1)	Normal operation.	AVR1:*
		1(2)	Normal operation.	AVR1:*
		2(3)	Normal operation.	AVR1:*
		2(4)	Normal operation.	AVR1:*
		2(5)	Normal operation.	AVR1:*
		1(6)	Normal operation.	AVR1:*
	Short	1-1(1-2)	Normal operation.	AVR1:*
		1-2(2-3)	Normal operation.	AVR1:*
		2-2(4-5)	Normal operation.	AVR1:*
		2-1(5-6)	Normal operation.	AVR1:*
TR332	Open	C	Normal operation.	AVR1:*
		E	Normal operation.	AVR1:*

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Component	Mode		Comment	Output Voltage (V)
TR332	Open	B	Normal operation.	AVR1:*
	Short	C-E	Output voltage decreased. No hazard.	AVR1:decreased
		E-B	Normal operation.	AVR1:*
		B-C	Output voltage decreased. No hazard.	AVR1:decreased
TR341	Open	C	Normal operation.	AVR1:*
		E	Normal operation.	AVR1:*
		B	Normal operation.	AVR1:*
	Short	C-E	Output voltage decreased. No hazard.	AVR1:decreased
		E-B	Normal operation.	AVR1:*
		B-C	Output voltage decreased. No hazard.	AVR1:decreased
TR351	Open	1(1)	Normal operation.	AVR1:*
		1(2)	Normal operation.	AVR1:*
		2(3)	Normal operation.	AVR1:*
		2(4)	Normal operation.	AVR1:*
		2(5)	Normal operation.	AVR1:*
		1(6)	Normal operation.	AVR1:*
	Short	1-1(1-2)	Normal operation.	AVR1:*
		1-2(2-3)	Normal operation.	AVR1:*
		2-2(4-5)	Normal operation.	AVR1:*
		2-1(5-6)	Normal operation.	AVR1:*
TR352	Open	D	Output voltage decreased. No hazard.	AVR1:decreased
		S	Output voltage decreased. No hazard.	AVR1:decreased
		G	Output voltage decreased. No hazard.	AVR1:decreased
	Short	D-S	Output voltage decreased. No hazard.	AVR1:decreased

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Component	Mode		Comment	Output Voltage (V)
TR352	Short	S-G	Output voltage decreased. No hazard.	AVR1:decreased
		G-D	Output voltage decreased. No hazard.	AVR1:decreased
TR401	Open	1(1)	No Hazard.	AVR1:0
		1(2)	No Hazard.	AVR1:0
		2(3)	Normal operation.	AVR1:*
		2(4)	Normal operation.	AVR1:*
		2(5)	No Hazard.	AVR1:0
		1(6)	No Hazard.	AVR1:0
	Short	1-1(1-2)	No Hazard.	AVR1:0
		1-2(2-3)	No Hazard.	AVR1:0
		2-2(4-5)	Normal operation.	AVR1:*
		2-1(5-6)	Normal operation.	AVR1:*
TR513 only5,12,15V	Open	D	See 84 Page.	
		S	See 84 Page.	
		G	See 84 Page.	
		D	See 84 Page.	
		S	See 84 Page.	
		G	See 84 Page.	
	Short	D-S	Output voltage decreased. No hazard.	AVR1:decreased
		S-G	See 84 Page.	
		G-D	Output voltage decreased. No hazard.	AVR1:decreased
TR514 only5,12,15V	Open	D	See 84 Page.	
		S	See 84 Page.	
		G	See 84 Page.	

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Component	Mode		Comment	Output Voltage (V)
TR514　only5, 12, 15V	Short	D-S	Output voltage decreased. No hazard.	AVR1:decreased
		S-G	See　84 Page.	
		G-D	Output voltage decreased. No hazard.	AVR1:decreased
TR523　only5, 12, 15V	Open	D	See　84 Page.	
		S	See　84 Page.	
		G	See　84 Page.	
		D	See　84 Page.	
		S	See　84 Page.	
		G	See　84 Page.	
	Short	D-S	Output voltage decreased. No hazard.	AVR1:decreased
		S-G	See　84 Page.	
		G-D	Output voltage decreased. No hazard.	AVR1:decreased
TR524　only5, 12, 15V	Open	D	See　84 Page.	
		S	See　84 Page.	
		G	See　84 Page.	
	Short	D-S	Output voltage decreased. No hazard.	AVR1:decreased
		S-G	See　84 Page.	
		G-D	Output voltage decreased. No hazard.	AVR1:decreased
TR601	Open	C	Normal operation.	AVR1:*
		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

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Component	Mode		Comment	Output Voltage (V)
TR602	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	No Hazard.	AVR1:0
TR611	Open	S(1)	Output voltage decreased. No hazard.	AVR1:decreased
		G(2)	Output voltage decreased. No hazard.	AVR1:decreased
		D(3)	No Hazard.	AVR1:0
		S(4)	No Hazard.	AVR1:0
		G(5)	No Hazard.	AVR1:0
		D(6)	Output voltage decreased. No hazard.	AVR1:decreased
	Short	S-G(1-2)	Output voltage decreased. No hazard.	AVR1:decreased
		G-D(2-3)	No Hazard.	AVR1:0
		D-S(3-4)	No Hazard.	AVR1:0
		S-G(4-5)	No Hazard.	AVR1:0
		G-D(5-6)	No Hazard.	AVR1:0
TR612	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:*
TR621	Open	S(1)	Output voltage decreased. No hazard.	AVR1:decreased

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Component	Mode		Comment	Output Voltage (V)
TR621	Open	G(2)	Output voltage decreased. No hazard.	AVR1:decreased
		D(3)	No Hazard.	AVR1:0
		S(4)	No Hazard.	AVR1:0
		G(5)	No Hazard.	AVR1:0
		D(6)	Output voltage decreased. No hazard.	AVR1:decreased
	Short	S-G(1-2)	Output voltage decreased. No hazard.	AVR1:decreased
		G-D(2-3)	No Hazard.	AVR1:0
		D-S(3-4)	No Hazard.	AVR1:0
		S-G(4-5)	No Hazard.	AVR1:0
		G-D(5-6)	No Hazard.	AVR1:0
TR622	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:*
TR631	Open	E(1)	Normal operation.	AVR1:*
		B(2)	Normal operation.	AVR1:*
		C(3)	Normal operation.	AVR1:*
		E(4)	Normal operation.	AVR1:*
		B(5)	Normal operation.	AVR1:*
		C(6)	Normal operation.	AVR1:*
	Short	E-B(1-2)	Normal operation.	AVR1:*
		B-C(2-3)	No Hazard.	AVR1:0

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Component	Mode		Comment	Output Voltage (V)
TR631	Short	E-B(4-5)	Normal operation.	AVR1:*
		B-C(5-6)	No Hazard.	AVR1:0
TR691	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:*
TR701	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:*
TR751	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
TR761	Open	1(1)	Normal operation.	AVR1:*
		1(2)	Normal operation.	AVR1:*
		2(3)	Normal operation.	AVR1:*
		2(4)	Normal operation.	AVR1:*

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Component	Mode		Comment	Output Voltage (V)
TR761	Open	2(5)	Normal operation.	AVR1:*
		1(6)	Normal operation.	AVR1:*
	Short	1-1(1-2)	Normal operation.	AVR1:*
		1-2(2-3)	Normal operation.	AVR1:*
		2-2(4-5)	Normal operation.	AVR1:*
		2-1(5-6)	Normal operation.	AVR1:*
TR771	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:*
TR781	Open	1(1)	No Hazard.	AVR1:0
		1(2)	No Hazard.	AVR1:0
		2(3)	No Hazard.	AVR1:0
		2(4)	No Hazard.	AVR1:0
		2(5)	No Hazard.	AVR1:0
		1(6)	No Hazard.	AVR1:0
	Short	1-1(1-2)	No Hazard.	AVR1:0
		1-2(2-3)	No Hazard.	AVR1:0
		2-2(4-5)	No Hazard.	AVR1:0
		2-1(5-6)	No Hazard.	AVR1:0
TR782	Open	D	No Hazard.	AVR1:0
		S	No Hazard.	AVR1:0

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Component	Mode		Comment	Output Voltage (V)
TR782	Open	G	No Hazard.	AVR1:0
	Short	D-S	No Hazard.	AVR1:0
		S-G	No Hazard.	AVR1:0
		G-D	No Hazard.	AVR1:0
TR791	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:*
TR801	Open	D	No Hazard.	AVR1:0
		S	No Hazard.	AVR1:0
		G	No Hazard.	AVR1:0
	Short	D-S	No Hazard.	AVR1:*
		S-G	No Hazard.	AVR1:0
		G-D	No Hazard.	AVR1:*
TR901	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
TR902	Open	S(1)	No Hazard.	AVR1:0
		G(2)	No Hazard.	AVR1:0

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Component	Mode		Comment	Output Voltage (V)
TR902	Open	D(3)	Normal operation.	AVR1:*
		S(4)	Normal operation.	AVR1:*
		G(5)	Normal operation.	AVR1:*
		D(6)	No Hazard.	AVR1:0
	Short	S-G(1-2)	No Hazard.	AVR1:0
		G-D(2-3)	No Hazard.	AVR1:0
		S-G(4-5)	Normal operation.	AVR1:*
		G-D(5-6)	Normal operation.	AVR1:*
TR921	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:*
TR931	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:*
VR701	Open	brush	No Hazard.	AVR1:0
			No Hazard.	AVR1:0
	Short		Output voltage decreased. No hazard.	AVR1:0
X101	Open	1	No Hazard.	AVR1:0

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Component	Mode		Comment	Output Voltage (V)
X101	Open	2	No Hazard.	AVR1:0
		3	No Hazard.	AVR1:0
		4	No Hazard.	AVR1:0
	Short	1-2	No Hazard.	AVR1:0
		3-4	Normal operation.	AVR1:*
ZD301	Open		Normal operation.	AVR1:*
	Short		No Hazard.	AVR1:0
ZD302	Open		Normal operation.	AVR1:*
	Short		Normal operation.	AVR1:*
ZD303	Open		Normal operation.	AVR1:*
	Short		No Hazard.	AVR1:0
ZD321	Open		Normal operation.	AVR1:*
	Short		Normal operation.	AVR1:*
ZD351	Open		Normal operation.	AVR1:*
	Short		Normal operation.	AVR1:*
ZD381	Open		Normal operation.	AVR1:*
	Short		See 84 Page.	
ZD382	Open		Normal operation.	AVR1:*
	Short		See 84 Page.	
ZD421	Open		Normal operation.	AVR1:*
	Short		No Hazard.	AVR1:0
ZD422	Open		Normal operation.	AVR1:*
	Short		No Hazard.	AVR1:0
ZD423	Open		Normal operation.	AVR1:*

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Component	Mode	Comment	Output Voltage (V)
ZD423	Short	No Hazard.	AVR1:0
ZD601	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
ZD602	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
ZD603	Open	No Hazard.	AVR1:0
	Short	No Hazard.	AVR1:0
ZD604	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
ZD605	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
ZD751	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
ZD761	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased. No hazard.	AVR1:decreased
ZD762	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased. No hazard.	AVR1:decreased
ZD763	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
ZD801	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
ZD821	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
ZD901	Open	Normal operation.	AVR1:*

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Component	Mode	Comment	Output Voltage (V)
ZD901	Short	Normal operation.	AVR1:*

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ABNORMAL TEST RESULT

Component	Mode		Comment	Output Voltage (V)
C103	Open		No Hazard.	AVR1:*
C341	Short		No Hazard.	AVR1:0
C346	Open		No Hazard.	AVR1:*
C381	Short		No Hazard.	AVR1:0
C382	Short		No Hazard.	AVR1:0
C383	Short		No Hazard.	AVR1:0
C384	Short		No Hazard.	AVR1:0
C392	Open		No Hazard.	AVR1:0
	Short		No Hazard.	AVR1:0
C393	Short		No Hazard.	AVR1:0
C395	Open		No Hazard.	AVR1:0
	Short		No Hazard.	AVR1:0
C396	Short		No Hazard.	AVR1:0
D113	Short		No Hazard.	AVR1:0
D115	Short		No Hazard.	AVR1:0
D116	Short		No Hazard.	AVR1:0
D118	Short		No Hazard.	AVR1:0
D301	Short		No Hazard.	AVR1:0
D381	Open		No Hazard.	AVR1:0
D383	Open		No Hazard.	AVR1:0
IC201	Short	28-29	No Hazard.	AVR1:0
IC301	Short	7-8	F101,F102 opend,No hazard.	AVR1:0
IC311	Open	4	No Hazard.	AVR1:0
		5	No Hazard.	AVR1:0

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ABNORMAL TEST RESULT

Component	Mode		Comment	Output Voltage (V)
IC311	Open	6	No Hazard.	AVR1:0
		7	No Hazard.	AVR1:0
		8	No Hazard.	AVR1:0
	Short	2-3	No Hazard.	AVR1:0
		3-4	No Hazard.	AVR1:0
		6-7	No Hazard.	AVR1:0
		7-8	No Hazard.	AVR1:0
IC312	Open	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	2-3	No Hazard.	AVR1:0
		3-4	No Hazard.	AVR1:0
		6-7	No Hazard.	AVR1:0
		7-8	No Hazard.	AVR1:0
IC401	Short	D-S	No Hazard.	AVR1:0
R312	Open		Normal operation.	AVR1:*
R381	Open		No Hazard.	AVR1:0
R383	Open		No Hazard.	AVR1:0
R385	Open		No Hazard.	AVR1:0
R387	Open		No Hazard.	AVR1:0
R391	Open		No Hazard.	AVR1:0
R392	Open		No Hazard.	AVR1:0

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ABNORMAL TEST RESULT

Component	Mode		Comment	Output Voltage (V)
R393	Open		No Hazard.	AVR1:0
R394	Open		No Hazard.	AVR1:0
R395	Open		No Hazard.	AVR1:0
R396	Open		No Hazard.	AVR1:0
R513	Open		Normal operation.	AVR1:*
R514	Open		Normal operation.	AVR1:*
R543	Open		Normal operation.	AVR1:*
R544	Open		Normal operation.	AVR1:*
R741	Open		No Hazard.	AVR1:137%
R742	Open		No Hazard.	AVR1:137%
SS101	Short	1-2	F101,F102 opend,No hazard.	AVR1:0
		2-3	F101,F102 opend,No hazard.	AVR1:0
		3-4	F101,F102 opend,No hazard.	AVR1:0
T501	Open	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	No Hazard.	AVR1:0
TR101	Short	D-S	F101,F102 opend,No hazard.	AVR1:0
		G-D	F101,F102 opend,No hazard.	AVR1:0
TR103	Short	D-S	F101,F102 opend,No hazard.	AVR1:0
		G-D	F101,F102 opend,No hazard.	AVR1:0

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ABNORMAL TEST RESULT

Component	Mode		Comment	Output Voltage (V)
TR301	Open	D	Normal operation.	AVR1:*
		S	Normal operation.	AVR1:*
		G	Normal operation.	AVR1:*
	Short	D-S	F101,F102 opend, No hazard.	AVR1:0
		S-G	Normal operation.	AVR1:*
		G-D	F101,F102 opend, No hazard.	AVR1:0
TR311	Open	D	No Hazard.	AVR1:0
		S	No Hazard.	AVR1:0
		G	No Hazard.	AVR1:0
	Short	D-S	No Hazard.	AVR1:0
		S-G	No Hazard.	AVR1:0
		G-D	No Hazard.	AVR1:0
TR312	Open	D	No Hazard.	AVR1:0
		S	No Hazard.	AVR1:0
		G	No Hazard.	AVR1:0
	Short	D-S	No Hazard.	AVR1:0
		S-G	No Hazard.	AVR1:0
		G-D	No Hazard.	AVR1:0
TR313	Open	D	No Hazard.	AVR1:0
		S	No Hazard.	AVR1:0
		G	No Hazard.	AVR1:0
	Short	D-S	No Hazard.	AVR1:0
		S-G	No Hazard.	AVR1:0
		G-D	No Hazard.	AVR1:0

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COSEL

ABNORMAL TEST RESULT

Component	Mode		Comment	Output Voltage (V)
TR314	Open	D	No Hazard.	AVR1:0
		S	No Hazard.	AVR1:0
		G	No Hazard.	AVR1:0
	Short	D-S	No Hazard.	AVR1:0
		S-G	No Hazard.	AVR1:0
		G-D	No Hazard.	AVR1:0
TR513	Open	D	Normal operation.	AVR1:*
		S	Normal operation.	AVR1:*
		G	Normal operation.	AVR1:*
	Short	S-G	Normal operation.	AVR1:*
TR514	Open	D	Normal operation.	AVR1:*
		S	Normal operation.	AVR1:*
		G	Normal operation.	AVR1:*
	Short	S-G	Normal operation.	AVR1:*
TR523	Open	D	Normal operation.	AVR1:*
		S	Normal operation.	AVR1:*
		G	Normal operation.	AVR1:*
	Short	S-G	Normal operation.	AVR1:*
TR524	Open	D	Normal operation.	AVR1:*
		S	Normal operation.	AVR1:*
		G	Normal operation.	AVR1:*
	Short	S-G	Normal operation.	AVR1:*
ZD381	Short		No Hazard.	AVR1:0
ZD382	Short		No Hazard.	AVR1:0

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