HI CURREUT MODS HAVE A JUMPER

Description of the properties of the connection of the poly power)  1. MOTE: DA Indicates daughter board connection. If no pin number is given, the name of the connecting point will be visable.  1. MOTE: DA Indicates daughter board connection. If no pin number is given, the name of the connecting point will be visable.  2. Connect fACMA) to VRCDA)  3. Connect WCRA	ro	RM IC 2390 (08-58)	ATTBI 11-12 KEnovE IT FOR TEST	
9.0.1 INPUT VOLICIONS  9.0.1 INPUT VOLICIONS AND CONNECTIONS (Do not apply power)  1. NOTE: DA indicates daughter hoard connection. If no pin number is given, the name of the connecting point will be visible.  9. Connect PN (TRA- to NT (TRA- T)  10 Connect PN (TRA- T) to NT (TRA- T)  11 Connect PN (TRA- T) to NT (TRA- T)  12 Connect COMP (TRI-2) to ACOM(TRA- T)  13 Connect TA (DA) to TO (DA)  14 (Connect TA (DA) to TO (DA)  15 (Connect TA (DA) to TO (DA)  16 (Connect TA (DA) to TO (DA)  17 (Connect TA (DA) to TO (DA)  18 (Connect TA (DA) to TO (DA)  19 (Connect TA (DA) to TO (DA)  10 (Connect TA) to TA- TO TO (DA)  10 (Connect TA) to TA- TO TO (DA)  11 (Connect TA) to TA- TO TO (DA)  12 (Connect TA) to TA- TO TO (DA)  13 (Connect TA) to TA- TO TO (DA)  14 (Connect TA) to TA- TO TO (TA)  15 (Connect TA) to TA- TO TO (TA)  16 (Connect TA) to TA- TO TO (TA)  17 (CONNECT TA) to TA- TO (TA)  18 (CONNECT TA) to TA- TO TO (TA)  19 (CONNECT TA) to TA- TA  19 (CONNECT TA) to TA- TA  10 (CONNECT TA) to TA- TA  11 (CONNECT TA)  11 (CONNECT TA) to TA  12 (CONNECT TA) to TA  12 (CONNECT TA) to TA  13 (CONNECT TA) to TA  14 (CONNECT TA) to TA  15 (CONNECT TA) to TA  16 (CONNECT TA) to TA  17 (CONNECT TA) to TA  18 (CONNECT TA) to TA  19 (CONNECT TA) to TA  10 (CONNECT TA) to TA  10 (CONNECT TA) to TA  11 (CONNECT TA) to TA  12 (CONNECT TA) to TA  13 (CONNECT TA) to TA  14 (CONNECT TA) to TA  15 (CONNECT TA) to TA  16 (CONNECT TA) to TA  17 (CONNECT TA) to TA  18 (CONNECT TA) to TA  19 (CONNECT TA) to TA  19 (CONNECT TA) to TA  10 (TRI-1) and ACOM (TRA-1) Adjust it to to TA  10 (TRI-1) and ACOM (TRA-1) Adjust it to to TA  11 (CONNECT TA)  12 (CONNECT TA) to TA  13 (CONNECT TA) to TA  14 (CONNECT TA) to TA  15 (CONNECT TA) to TA  16 (CONNECT TA) to TA  17 (CONNECT TA) to TA  18 (CONNECT TA) to TA  19 (CONNECT TA) to TA  19 (CONNECT TA) to TA  10 (CONNECT TA) to TA  10 (CONNECT TA)  11 (CONNECT TA)  12 (CONNECT TA)  13 (CONNECT TA)  14 (CONNECT TA)  15 (CONNECT TA)  15 (CONNECT TA)  16 (CONNECT TA)  17 (CONNECT TA)  18 (CONNECT	01	A B		. •
1 NOTE: DA indicates daughter board connection. If no pin number is given, the name of the connecting point will be visible.  2 given, the name of the connecting point will be visible.  3 Connect (A(DA) to YE(DA)  1 b) Connect (A(CA) to YE(DA)  2 c) Connect PW(TB4-7 to NY(TB4-8 to Seconds)  3 c) Connect My(TB4-8 to NY(TB4-8 to Seconds)  4 c) Connect My(TB4-8 to NY(TB4-8 to Seconds)  5 c) Connect My(TB4-8 to NY(TB4-8 to Seconds)  5 c) Connect TA(DA) to DC(DA6)  9 c) Connect TA(DA3) to TO(DA6)  10 c) Connect TA(DA3) to TO(DA6)  11 b) Connect TA(DA3) to TO(DA6)  12 c) Connect TA(DA3) to TO(DA6)  13 c) Connect TA(DA3) to TO(DA6)  14 c) Connect TA(DA3) to TO(DA6)  15 c) Connect TA(DA3) to TO(DA6)  16 c) Connect TA(DA3) to TO(DA6)  17 c) Connect a highly inductive load in series with a 0-10 amp ammeter between PPOS(TB2-3) and **PREG(TB2-4)*. The inductive load must have the following characteristics:  16	С3	9.0 TES		
OPE DA Interest adaptive connecting point will be visible.    Salven, the name of the connecting point will be visible.   Connect (ACDA) to TR(DA)	05	9.0.1	INPUT VOLTAGES AND CONNECTIONS (Do not apply power)	
a) Connect YG(DA) to YB(DA) b) Connect YG(DA) to YB(DA) b) Connect WG(TB4-#7 to NW(TB4-#7 TB4 is located inside housing- connect MW(TB4-#7 to NW(TB4-#7 TB4 is located inside housing- connect CONF(TB1-2) to ACOM(TB8-6) JAMPER or TEST FITTURE COT THIS connect TS(DA7) to DC(DA6) connect TS(DA7) to DC(DA6) connect TB5-1 to TB5-4. connect TB5-1	07	.1.	NOTE: DA indicates daughter board connection. If no pin number is	
b) Connect YG(DA) to YD(DA)  Connect PW(TB4-F) to NP(TB4-F) TB4 is located inside housing.  Connect COMP(TB1-2) to NP(TB4-F) close to top of unit  a) Connect COMP(TB1-2) to ACOM(TB8-6) JUNER or TEST FIFTURE (NOT THIS)  Connect TS(DA7) to DC(DA6)  B) Connect TAK(DA3) to TN(DA4)  Connect TAK(DA3) to TN(DA4)  Connect TAK(DA3) to TS(DA16)  Connect TB5-I to TB5-4.  TB5 Leceted by Power Take Grant (NP)  CRS per sheet 6HF and sheet  CRS per sheet 6HF and sheet  L/R = .36+.03 seconds (nominal)  R MIN = .30+1.5 OHMS at 3000 watts  R MAX = 45+2.25 OHMS at 2000 watts  R MAX = 45+2.25 OHMS at 2000 watts  CRS = .36+.03 seconds (nominal)  NOTE: The ammeter positive terminal should be connected to FPOS  (TB2-3) and its negative terminal connected to the load.  NOTE: The ammeter positive terminal connected to the load.  Connect a three phase AC input voltage rated at 660+46 VRHS at 20 amps and 66+342 between L1, L2, and L3, observe phase sequence.  AD not connect, but have available, a 0-400NEC power supply rated at 100 M.A. set at zero volts.  Connect an adjustable +15VDC power supply rated at 20 M.A. between FC (TB1-2) and ACOM (TB8-6). Adjust it to +9+.1VDC  Connect an adjustable +15VDC power supply rated at 20 M.A. between for (TB1-5) and ACOM (TB8-6). Adjust it to zero volts.  PS 1  Connect an adjustable +15VDC power supply rated at 20 M.A. between for (TB1-5) and ACOM (TB8-6). Adjust it to zero volts.  PS 1  Connect an adjustable +15VDC power supply rated at 20 M.A. between for (TB1-5) and ACOM (TB8-6). Adjust it to zero volts.  PS 1  Connect an adjustable +15VDC power supply rated at 20 M.A. between for (TB1-5) and ACOM (TB8-6). Adjust it to zero volts.  PS 1  Connect at three phase AC input voltage and accomes accomes accomes and accomes accomes and accomes accom	OP		being jumpers on DFEB board	
a) Connect COMP(TEI-2) to ACOM(TEB-6) TURBER OF TEST FIYTHE COT THIS CONNECT TS(DAT) to DC(DA6)  b) Connect TS(DAT) to DC(DA6)  g) Connect TS(DAT) to DC(DA6)  g) Connect TS(DAT) to TC(DA16)  1) Connect TS(DAT) to TC(DA16)  1) For form H connect MOV assembly (68A947257C5) - CR1, CR2, CR3, CR5 per sheet 6HF and sheet  2) Connect a highly inductive load in series with a O-10 amp ammeter between PFOS(TEB-3) and NNEC(TEB-4). The inductive load must have the following characteristics:  1/R = .36+.03 seconds (nominal)  1/R MIN = 30+1.5 OHNS at 3000 watts  R Max = 45+2.25 OHNS at 2000 watts  R Max = 45+2.25 OHNS at 2000 watts  R Max = 45+2.25 OHNS at 2000 watts  (TEB-3) and its negative terminal should be connected to FFOS  (TEB-3) and its negative terminal connected to the load.  3 Connect a three phase AC input voltage rated at 660+46 VRMS at 20 amps and 60+3HZ between L1, L2, and L3, observe phase sequence.  4 Do not connect, but have available a 0-40CNIC power supply rated at 100 H.A. set at zero volts. The following for the for (TEH-1) and ACOM (TEB-11). Adjust it to +9+.1VDC. (1) VRI  5 Connect an adjustable +15VDC power supply rated at 20 M.A. between for (TEH-5) and ACOM (TEB-6). Adjust it to zero volts. The formal for (TEH-5) and ACOM (TEB-6). Adjust it to zero volts. The formal for (TEH-5) and ACOM (TEB-6). Adjust it to zero volts. The formal for (TEH-5) and ACOM (TEB-6). Adjust it to zero volts. The formal for (TEH-5) and ACOM (TEB-6). Adjust it to zero volts. The formal for (TEH-5) and ACOM (TEB-6). Adjust it to zero volts. The formal for (TEH-5) and ACOM (TEB-6). Adjust it to zero volts. The formal for (TEH-5) and ACOM (TEB-6). Adjust it to zero volts. The formal for (TEH-5) and ACOM (TEB-6). Adjust it to zero volts. The formal for (TEH-5) and ACOM (TEB-6). Adjust it to zero volts. The formal	11		Connect YC(DA) to YD(DA)	-
a) Connect COMP(TB1-2) to ACOM(TB8-6) JUNES OF TEST FIYTHE COT THIS CONNECT TS (DAT) to DC(DA6)  (a) Connect TS(DAT) to DC(DA6)  (b) Connect TS(DAT) to DC(DA6)  (c) Connect TS(DAT) to TC(DA16)  (d) Connect TS(DAT) to TC(DA16)  (e) Connect TS(DAT) to TC(DA16)  (f) Connect TS(DAT) to TC(DA16)  (f) Connect TS(DAT) to TS-4.  (f) For form H connect MOV assembly (68A94725765) - CR1, CR2, CR3, CR5 per sheet 6HF and sheet  (f) For form H connect MOV assembly (68A94725765) - CR1, CR2, CR3, CR5 per sheet 6HF and sheet  (f) Connect a highly inductive load in series with a O-10 amp ammeter between PPOS(TB2-3) and TREC(TB2-4). The inductive load must have the following characteristics:  (f) L/R = .36+.03 seconds (nominal)  (f) R MIN = 30+1.5 OHNS at 3000 watts  (f) R MAN = 45+2.25 OHNS at 2000 watts  (f) R MAN = 45+2.25 OHNS at 2000 watts  (f) CONNECT The ansmeter positive terminal should be connected to the load.  (g) Connect a three phase AC input voltage rated at 660+46 VRMS at 20 amps and 60+3HZ between L1, L2, and L3, observe phase sequence.  (4) Do Connect a three phase AC input voltage rated at 660+46 VRMS at 20 amps and 60+3HZ between L1, L2, and L3, observe phase sequence.  (4) Do Connect an adjustable +15VDC power supply rated at 20 M.A. between for (TB1-5) and ACOM (TB8-1). Adjust it to +9+.1VDC. (1) VR  (5) Connect an adjustable +15VDC power supply rated at 20 M.A. between for (TB1-5) and ACOM (TB8-1). Adjust it to zero volts. PB1  (6) Connect an adjustable +15VDC power supply rated at 20 M.A. between for (TB1-5) and ACOM (TB8-6). Adjust it to zero volts. PB1  (7) Obtain 2 dach, A75K, +1% resistors and one each 43.18K+1% resistor  (47.5K in parallel with 470K).  (6) Connect an adjustable with 470K).  (7) Obtain 2 dach, A75K, +1% resistors and one each 43.18K+1% resistor  (47.5K in parallel with 470K).  (5) CONNECT THE STEMSOFF!  (6) DE STEMSOFF!  (7) DE	1%	<b>)</b> c)	Connect PW(TB4-13 to MP(TB4-17) TRA is located inside housing	
a) Connect TS(DA7) to DC(DA6)  g) Connect TS(DA7) to DC(DA6)  g) Connect TS(DA7) to TC(DA16)  1) Connect TT(DA5) to TC(DA16)  1) Connect TTS-1. to TS-4.  1) For form H connect MOV assembly (68A947257C5) - CR1, CR2, CR3, CR5 per sheet 6HF and sheet  27  28  29  20  20  20  21  22  22  23  24  25  26  27  27  28  28  29  29  29  20  20  21  21  22  22  23  26  27  27  28  29  29  20  20  21  21  22  22  22  23  26  27  27  28  29  28  29  29  29  20  20  21  21  21  22  22  22  23  26  27  27  28  29  29  20  20  21  20  21  21  22  22  23  26  27  27  28  29  29  20  20  20  20  20  20  20  20			Connect W(TB4-2 to MN(TB4-0 x1) close to top of unit	
g) Gonnect TAX(DA3) to TN(DA4) h) Connect TI(DA5) to TC(DA16) 1) Connect TB5-1 to TB5-4.  j) For form H connect MOV assembly (68A947257C5) - CR1, CR2, CR3, CR5 per sheet 6HF and sheet  23	'	e)	Connect COMP(TB1-2) to ACOM(TB8-6) JUAPER ON TEST FIYTURE GOT THIS (	
19 h) Connect TI(DA5) to TC(DA16)  1) Connect TB5-1 to TB5-4.  1) For form H connect MOV assembly (68A947257C5) - CR1, CR2, CR3, CR5 per sheet 6HF and sheet  23 CR5 per sheet 6HF and sheet  24  25 Connect a highly inductive load in series with a 0-10 amp ammeter between PFOS(TB2-3) and PNEC(TR2-4). The inductive load must have the following characteristics:  29 L/R = .36+.03 seconds (nominal) R MIN = 3041.5 OHNS at 3000 watts R Max = 45+2.25 OHNS at 2000 watts L = 10.8 Henries nominal  NOTE: The ammeter positive terminal should be connected to FPOS (TB2-3) and its negative terminal connected to the load.  30 Connect a three phase AC input voltage rated at 460+46 VRMS at 20 amps and 60+3HZ between L1, L2, and L3, observe phase sequence.  40 Do not connect, but have available, a 0-400VDC power supply rated at 41 DOMA.A. set at zero volts.  42 43 44 Connect an adjustable +15VDC power supply rated at 20 M.A. between FO (TB1-1) and ACOM (TB8-11). Adjust it to +9+.1VDC.  45 Connect an adjustable +15VDC power supply rated at 20 M.A. between FO (TB1-1) and ACOM (TB8-6). Adjust it to zero volts.  47 Connect an adjustable +15VDC power supply rated at 20 M.A. between for (TB1-5) and ACOM (TB8-6). Adjust it to zero volts.  48 Connect an adjustable +15VDC power supply rated at 20 M.A. between for (TB1-5) and ACOM (TB8-6). Adjust it to zero volts.  49 Connect an adjustable +15VDC power supply rated at 20 M.A. between for (TB1-5) and ACOM (TB8-6). Adjust it to zero volts.  40 Connect an adjustable +15VDC power supply rated at 20 M.A. between for (TB1-5) and ACOM (TB8-6). Adjust it to zero volts.  41 Connect an adjustable +15VDC power supply rated at 20 M.A. between for (TB1-5) and ACOM (TB8-6). Adjust it to zero volts.  42 Connect an adjustable +15VDC power supply rated at 20 M.A. between for (TB1-5) and ACOM (TB8-6). Adjust it to zero volts.  43 Connect an adjustable +15VDC power supply rated at 20 M.A. between for (TB1-5) and ACOM (TB8-6). Adjust it to zero volts.  44 Connect an adjustable +15VDC power Supply rated at 20 M.	17	· ' f)		
1) Connect TI(DA) to TUDAIS  1) Connect TI(DA) to TE5-4.  1) For form H connect MOV assembly (68A947257G5) - CR1, CR2, CR3, CR5 per sheet 6HF and sheet  2. Connect a highly inductive load in series with a 0-10 amp ammeter between PPOS(TE2-3) and MNEC(TE2-4). The inductive load must have the following characteristics:  2. L/R = .36±.03 seconds (nominal)  2. R MIN = 30±1.5 OHMS at 3000 watts  2. R MAR = 45±2.25 OHMS at 2000 watts.  2. L = 10.8 Henries nominal  2. NOTE: The ammeter positive terminal should be connected to FPOS (TE2-3) and its negative terminal connected to the load.  2. Connect a three phase AC input voltage rated at 460±46 VRMS at 20 amps and 60±3HZ between L1, L2, and L3, observe phase sequence.  3. Connect a three phase AC input voltage rated at 460±46 VRMS at 20 amps and 60±3HZ between L1, L2, and L3, observe phase sequence.  3. Do not connect, but have available, a 0-400VDC power supply rated at 100 M.A. set at zero volts.  3. Connect an adjustable ±15VDC power supply rated at 20 M.A. between FC. (TE1-1) and ACOM (TE8-11). Adjust it to ±9±1.VDC. (.7 VR)  3. Obtain 2 each, 475K, ±12 resistors and one each 43.18K±12 resistor (47.5K in parallel with 470K).  3. FROPRIETARY INFORMATION OF THE GEMERAL ELECTRIC COMPANY  PROPRIETARY INFORMATION OF THE GEMERAL ELECTRIC COMPANY	*15	g)	Connect TAX(DA3) to TN(DA4)	
j) For form H connect MOV assembly (68A947257G5) - CR1, CR2, CR3, CR5 per sheet 6HF and sheet  27	יפו	h)	Connect TI(DA5) to TC(DA16)	
27 Connect a highly inductive load in series with a 0-10 amp ammeter between PPOS(TB2-3) and FNEG(TB2-4). The inductive load must have the following characteristics:  28 L/R = .36+.03 seconds (nominal)  29 R MIN = 30+1.5 OHMS at 3000 watts  20 R Max = 45+2.25 OHMS at 2000 watts  20 L = 10.8 Henries nominal  20 NOTE: The answeter positive terminal should be connected to FPOS  21 (TB2-3) and its negative terminal connected to the load.  22 Ocnnect a three phase AC input voltage rated at 660+46 VRMS at 20 amps and 60+318 between 11, L2, and L3, observe phase sequence.  23 A connect a three phase AC input voltage rated at 660+46 VRMS at 20 amps and 60+318 between 11, L2, and L3, observe phase sequence.  24 Bo not connect, but have available, a 0-400NDC power supply rated at 100 M.A. set at zero volts.  25 Connect an adjustable +15VDC power supply rated at 20 M.A. between FC (TB1-1) and ACOM (TB8-11). Adjust it to +9+.1VDC. (.7 NR1  26 Connect an adjustable +15VDC power supply rated at 20 M.A. between for (TB1-5) and ACOM (TB8-6). Adjust it to zero volts.  27 Obtain 2 each, 475K, +1% resistors and one each 43.18K+1% resistor (47.5K in parallel with 470K).  28 FROPRIETARY INFORMATION OF THE CEMERAL ELECTRIC COMPANY  29 PARAMETER OF THE STATE OF THE CEMERAL ELECTRIC COMPANY  20 PARAMETER OF THE CEMERAL ELECTRIC COMPANY  20 PARAMETER OF THE CEMERAL ELECTRIC COMPANY  21 PARAMETER OF THE CEMERAL ELECTRIC COMPANY  22 PARAMETER OF THE CEMERAL ELECTRIC COMPANY  23 PARAMETER OF THE CEMERAL ELECTRIC COMPANY  24 PARAMETER OF THE CEMERAL ELECTRIC COMPANY  25 PARAMETER OF THE CEMERAL ELECTRIC COMPANY  26 PARAMETER OF THE CEMERAL ELECTRIC COMPANY  26 PARAMETER OF THE C	31	i.)		
27 Cornect a highly inductive load in series with a 0-10 amp ammeter between FPOS(TBZ-3) and FREG(TBZ-4). The inductive load must have the following characteristics:  L/R = .36±.03 seconds (nominal)  R MIN = .30±1.5 OHMS at 3000 watts  R Max = 45±2.25 OHMS at 2000 watts  L = 10.8 Henries nominal  NOTE: The ammeter positive terminal should be connected to FPOS (TBZ-3) and its negative terminal connected to the load.  37 .3 Connect a three phase AC input voltage rated at 660±46 VRMS at 20 amps and 60±3HZ between L1, L2, and L3, observe phase sequence.  39 .4 Do not connect, but have available, a 0-400VMC power supply rated at 100 M.A. set at zero volts. TD 3 /NN /N	23.		For form H connect MOV assembly (68A947257G5) - CR1, CR2, CR3, CR5 per sheet 6HF and sheet	
between FPOS(TEZ-3) and eNEG(TEZ-4). The inductive load must have the following characteristics:  L/R = .36±.03 seconds (nominal)  R MIN = 30±1.5 OHMS at 3000 watts  R Max = 45±2.25 OHMS at 2000 watts  L = 10.8 Henries nominal  NOTE: The ammeter positive terminal should be connected to FPOS (TEZ-3) and its negative terminal connected to the load.  30 Connect a three phase AC input voltage rated at 660±46 VRMS at 20 amps and 60±3HZ between L1, L2, and L3, observe phase sequence.  4 Do not connect, but have available, a 0-400NDC power supply rated at 100 M.A. set at zero volts.  5 Connect an adjustable ±15VDC power supply rated at 20 M.A. between FC (TEI-1) and ACOM (TEB-11). Adjust it to +9±.1VDC.  4. 6 Connect an adjustable ±15VDC power supply rated at 20 M.A. between for (TEI-5) and ACOM (TEB-6). Adjust it to zero volts.  7 Obtain 2 each, 475K, ±1% resistors and one each 43.18K±1% resistor (47.5K in parallel with 470K).  FROPRIETARY INFORMATION OF THE GENERAL ELECTRIC COMPANY  REGULATED CURRENT SUP  REGULATED CURRENT SUP  DRIVE SYSTEMS DEPT DS3820FE3 1	23	A STATE OF THE STA		٠,٠
R MAX = 45+2.25 OHMS at 2000 watts  L = 10.8 Henries nominal  NOTE: The ammeter positive terminal should be connected to FPOS  (TB2-3) and its negative terminal connected to the load.  37	27	4. *	between FPOS(TB2-3) and FNEG(TB2-4). The inductive load must have	
(TB2-3) and its negative terminal connected to the load.  Connect a three phase AC input voltage rated at 660+46 VRMS at 20 amps and 60+3HZ between L1, L2, and L3, observe phase sequence.  Do not connect, but have available, a 0-400VIC power supply rated at 100 M.A. set at zero volts.  Connect an adjustable +15VDC power supply rated at 20 M.A. between FC (TB1-1) and ACOM (TB8-11). Adjust it to +9+.1VDC.  Connect an adjustable +15VDC power supply rated at 20 M.A. between for (TB1-5) and ACOM (TB8-6). Adjust it to zero volts.  Connect an adjustable +15VDC power supply rated at 20 M.A. between for (TB1-5) and ACOM (TB8-6). Adjust it to zero volts.  Connect an adjustable +15VDC power supply rated at 20 M.A. between for (TB1-5) and ACOM (TB8-6). Adjust it to zero volts.  Connect an adjustable +15VDC power supply rated at 20 M.A. between for (TB1-5) and ACOM (TB8-6). Adjust it to zero volts.  Connect an adjustable +15VDC power supply rated at 20 M.A. between for (TB1-5) and ACOM (TB8-6). Adjust it to zero volts.  Connect an adjustable +15VDC power supply rated at 20 M.A. between for (TB1-5) and ACOM (TB8-6). Adjust it to zero volts.  Connect an adjustable +15VDC power supply rated at 20 M.A. between for (TB1-5) and ACOM (TB8-6). Adjust it to zero volts.  Connect an adjustable +15VDC power supply rated at 20 M.A. between for (TB1-5) and ACOM (TB8-6). Adjust it to zero volts.  Connect an adjustable +15VDC power supply rated at 20 M.A. between for (TB1-5) and ACOM (TB8-6). Adjust it to zero volts.  Connect an adjustable +15VDC power supply rated at 20 M.A. between for (TB1-6) and ACOM (TB8-6). Adjust it to zero volts.  Connect an adjustable +15VDC power supply rated at 20 M.A. between for (TB1-6) and ACOM (TB8-6). Adjust it to zero volts.  Connect an adjustable +15VDC power supply rated at 20 M.A. between for (TB1-6) and ACOM (TB8-6). Adjust it to zero volts.  Connect an adjustable +15VDC power supply rated at 20 M.A. between for (TB1-6) and ACOM (TB8-6). Adjust it to zero volts.  Connect an adjustable +15VDC power supp			R Max = 45+2.25 OHMS at 2000 watts	
and 60+3HZ between L1, L2, and L3, observe phase sequence.  4 Do not connect, but have available, a 0-400VD power supply rated at 100 M.A. set at zero volts.  4 Do not connect, but have available, a 0-400VD power supply rated at 100 M.A. set at zero volts.  5 Donnect an adjustable +15VDC power supply rated at 20 M.A. between FC. (TB1-1) and ACOM (TB8-11). Adjust it to +9+.1VDC. (.7 VR)  6 Connect an adjustable +15VDC power supply rated at 20 M.A. between for (TB1-5) and ACOM (TB8-6). Adjust it to zero volts.  7 Obtain 2 each, 475K, ±1% resistors and one each 43.18K+1% resistor (47.5K in parallel with 470K).  FROPRIETARY INFORMATION OF THE CENERAL ELECTRIC COMPANY  FROM INSULATED CURRENT SUP  FROM INSULATED CURREN	25			
100 M.A. set at zero volts.  100 M.A. set at	37			,
FC. (TB1-1) and ACOM (TB8-11). Adjust it to +9+.1VDC.  46 Connect an adjustable +15VDC power supply rated at 20 M.A. between for (TB1-5) and ACOM (TB8-6). Adjust it to zero volts.  7 Obtain 2 each, 475K, +1% resistors and one each 43.18K+1% resistor (47.5K in parallel with 470K).  FROPRIETARY INFORMATION OF THE GENERAL ELECTRIC COMPANY  FROPRIETARY INFORMATION OF THE GENERAL ELECTRIC REGULATED CURRENT SUP  FIRST MADE FOR THE SYSTEMS DEPT. DS3820FE3 1	30	41.4	100 M.A. set at zero volts. TB3 MW MP	
for (TEL-5) and ACOM (TES-6). Adjust it to zero volts. PB    7 Obtain 2 each, 475K, +1% resistors and one each 43.18K+1% resistor (47.5K in parallel with 470K).  FROPRIETARY INFORMATION OF THE GENERAL ELECTRIC COMPANY  FROPRIETARY INFORMATION OF THE GENERAL ELECTRIC COMPANY  FROPRIETARY INFORMATION OF THE GENERAL ELECTRIC COMPANY  FROM AMERICAN ADDRESS OF THE STANDER OF THE SYSTEMS OF THE SYST	4.5		Connect an adjustable +15VDC power supply rated at 20 M.A. between FC. (TB1-1) and ACOM (TB8-11). Adjust it to +9+.1VDC. 1.7 VR	
PROPRIETARY INFORMATION OF THE GENERAL ELECTRIC COMPANY  PROPRIETARY INFORMATION OF THE GENERAL ELECTRIC COMPANY  REGULATED CURRENT SUP  PRINTS TO 13 JULY 1 PRINTS TO 17 APPROVALS  REGULATED CURRENT SUP  PRINTS MADE 100  DRIVE SYSTEMS DEPT. DS3820FE3 1	45		and the control of th	
PROPRIETARY INFORMATION OF THE GENERAL ELECTRIC COMPANY  ALV. 3 PRINTS TO AMERICAN SERVICE REGULATED CURRENT SUP-  PRINTS MADE FOR DRIVE SYSTEMS DEPT. DS3820FE3 1	47			
PRINTS TO APPROVALS  AWS  SEMINAL SILECTRIC REGULATED CURRENT SUP  ORIVE SYSTEMS DEPT. DS3820FE3	49			
PRINTS TO APPROVALS  AWS  SEMINAL SILECTRIC REGULATED CURRENT SUP  ORIVE SYSTEMS DEPT. DS3820FE3	1 53 V		PROPRIETARY IMPORMATION OF THE GENERAL ELECTRIC COMPANY	
PHIST MADE FOR DRIVE SYSTEMS DEPT. DS3820FE3		ALL STANCES RIV. 4	RIV. 1 PRINTS TO A APPROVALS RIMINTARY DIAGRAM DECLINE CITY OF THE PROPERTY OF	
INC. NO. 1 marries and 1 marries 1 1 2 1	1 1 3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	FIRST MADE FOR	
	ary	MADE BY	11.C NO. 1	
	a-1	Agreement of the control of the cont		entrates

FORM 1C 2390	(08-68)						· ·		
01 A	В	С	D	E	F	G	Н	j	K
•	**	** NOTE UNIT	WILL NOT	SHUT DOWN (	ON FAULT	***			
)3	0.2		ENTIOMETER		•				
os	7.0.2		following		which as	re locat	ed on DF	EB:	
07					Witzon a.				
•	.1	MI	B GAIN (R1)	FULLY CW					
9	. 2	Cr	ROSS (R2) FU	LLI CW			t		
,,	. 3		(AX (R3) FUL		•				
	- 4		OSS (R4) FU						
11	. 5		CAL (R5) FUL		•				
	.6		IM (R6) FUL						
13	. 7	Fi	AIN (R8) FUL	LY CCW					
15	9.0.3	POWER TESTS		+ (1410)	rc				
1 <b>7</b> ···		Set load for	r <b>% 30%,</b> appl	y AC input	power. ρ <sub>c</sub> <	11/5	Covil		
	.2	Measure the	D.C. voltag	ge between '	гв 3́_́3 а	nd TB8-	and adj	ust R9	
19		(P15 ADJ) fo	or +15 <u>+</u> .05 \	/DC.					
21	.3	Measure the	D.C. voltag	ge between '	м15 ГВ 8−5 а	nd TB 8-		ljust R10	
		(N15 ADJ) fo	or -15 <u>+</u> .05 V	DC.					
23									
23	.4	Observe that	t load curre	ent flows t	hrough t	he ammet	er conne	ected in s	eries
25		with the los	ad (hereafte	er referred	to as 1	oad curi	ent).		
	_	. 11 . 11775443	ull (na) ou -	abanero	that th	oro is s	devisti	on of at	loast
27	.5	Adjust "FMA" 3 amps on the	he ammeter.						
29	.6	Apply -15 ± output volt. volts" (R7)							
31		+16±.5VDC.	IOL WINTHON	,413	icage.	THE MIN	tmum voit	age muse	
33	. 7	Reduce the	voltage appl	lied to for	(TB1-5)	to zero	volts.	PRI OUT	-
35	9.0.4	CURRENT RE	GULATION						
3 <i>7</i>	.1	Monitor the	output bety	ween FPOS (	тв2-3) а	nd FNEG	(TB2-4)	and adjus	t
30		"FMAX" (R3)	-					8.60	ary)
39	. 2	Continue to	monitor the	e output vo	ltage an		: "FMAX"	(R3) for +	1 <b>50</b> ±1VDC.
41	. 3	Observe the	load curren	nt and reco	rd	A.*1			ال
43	. 4	Increase th	e load resi	stance from	30 to A	5 OHMS	and recor	rd load cu	
45	.5		rrent record		9.0.4.3	3 must be	e within	<u>+</u> 4% of th	e load
47	.6	Decrease th	e load resi	stance from	45 to 3	OHMS.			
49									
51		Di	ROPRIEYARY IMP	ORMATION OF	THE CEM	ERAL ELECT	RIC COMPA	MY	
MEV. 186 Misson	lasv. 4	REV. 5			T			ELEMENTARY DIAG	RAM
ech i-h	<del></del>		Brrig A	MW/3	SENER	AL E	LECTRIC		D CURRENT SI
REV. 7	SSUED			FIRST MADE FOR	DRTV	E SYSTEM	S DEPT.		·
REV. 3	MADE BY	AT THE STRUCTURE	2003 <del>(2011 - 1911 - 1</del> 914 - 1	I C. HO.		LEM, VA.		DS38201	
	<u> </u>	M.W. SMITH				LLM, YA.		ENT. ON SH.	OCA SH. NO. 9B.
							CAR	<b>3</b>	

FO	RM 1C 23	390 (08-68)				-	G	Н		К	L				
01	A	В	С	D	E	F	G	*1		••	-				
03															
05		9.0.5									•				
07		.1	Connect the with positiv	0-400 VD ve termina	C power su al connect	upply be ted to M	tween MP (1 P (TB3-3).	CB3-3), an	ad MN (TB3	3-2)					
09		. 2	Observe the	observe the output voltage between FPOS (TB2-3) and FNEG (TB2-4). djust "FMAX" (R3) for +150 <u>+</u> 1VDC.											
-11		.3	Observe load current and adjust the 0-400VDC power supply slowly until the load current starts to decrease.												
13 15		.4	Measure the Record	voltage	from TB3-	3 to TB3	-2. It sho	TBO-0.	330+25VDC	Rock					
17 19		.5 سبي	Decrease the polarity (+ It must be	terminal	to MN).	voltage Measure	to zero vo	olts and ge from T	reverse i B8-2 to T	38-6. € €	RE to				
21		.6	Repeat step to decrease	s 9.0.5.3 for eith	and 9.0. er polari	5.4 Th	ne voltage v	where the 4% of eac	current :						
23		.7	Adjust the completely	0-400VDC	output vo	ltage to	240 <u>+</u> 1VDC.	Adjust	"CROSS" (	R2)					
25			_		· while ad	iustino	"cross" (R	2) CW (ve	rv slowly	).					
27		•0	Observe load current while adjusting "CROSS" (R2) CW (very slowly).  Adjust "CROSS" until the load current transitions from min. to max.  Record ammeter reading												
29 31		.9	obtain a lo	Increase the 0-400 VDC supply to 255+1VDC and adjust "FMIN" (R8) to obtain a load current equal to 25% of the value recorded in 9.0.5.8											
33		.10	Decrease th	e 0-400 V	/DC supply	to zero	o volts and	disconne	ct.						
35		9.0.6	FIELD LOSS	<u> </u>			416								
37		.1	Observe the	(TB1-1)	and ACOM	(TB8-11)	Adj ) toward ze	ro volts	+ + 1 + ho	1004	£				
39			current equ	als 20% (	of the rec	orded v	alue (this			132 APP 100					
41		. 2	Depress SW1	. momenta:	rily to re	set sys	tem.	7	, <b>∳</b>						
43		.3	Observe the	e status 1	light loca	nted on	the PWB and	ascertai	n that it	is					
45		. 4	Adjust "FLO	oss" (R4)	very slow	yly unti	l the statu	s light o	omes "ON.	**					
47		.5	Increase th			between	FC1 (TB1-1	.) and ACC	M (TB8-11	) to					
49	•			) J											
./51	ł		p	ROP <del>RI</del> ETARY	' i <del>nf</del> ormati	ON OF TH	E GEMERAL ELE	CTRIC COMP	YWA						
REV.	. 1	REV. 4	REV. 5	bri'i9		5		·	REGULATE		r SHP				
a EV	2 Ste do	SELECT ISSUED			FIRST MADE		DRIVE SYS			20FE3	1 101				
REV		MADE B	M.W. SMITH		I.C. NO.		SALEM, VA	•	DS 30		o. 9CA				
<u></u>			FI-FF - OFILE	in the same of the				( ) //	H						

1 '	A	В	С	D	E	F	G	Н	J	K				
3		9.0.8	TACH MONIT	<u>or</u> mi	T For FE	ナエ								
5 7		.1	Set "SLIM" with SFB (T ACOM (TB8-6	B1-8) and	y CW. Conn connect a	ect two 43.18K <u>+</u>	each 4751 1% resist	tor from S	stors in FB (TB1-	series 8) to				
9		.2	Connect MN string whic	nnect MN (TB3-2) to ACOM (TB8-11) and MP (TB3-3) to the resistor ring which connects to SFB (TB1-8) (475K resistors).										
1		.3	.3 Connect the 0-400 VDC power supply between MP (TB-3) and ACOM (TB8-11).  Connect the positive terminal to MP (TB3-3). Adjust the 0-400 VDC supply to +200 ± 1VDC.											
5 7		.4 Measure the voltage between TA (TP3) and ACOM (TB8-11). Adjust "SCAL" (R5) for 0+.2 VDC between TA (TP3) and ACOM (TB8-11). Depress SW1 momentarily and observe status light. It should be off.												
ŀ		.5 Continue to observe the status light and increase the 0-400 VDC power supply output to +253+2VDC. Adjust "SLIM" (R6) CCW slowly until the status light just comes on. Reduce PS to 200V. Reset with Sl. Increase PS until light comes on. Record the 0-400 VDC power supply												
3		setting.  .6 Decrease the 0-400 VDC power supply output to zero volts and reverse its polarity - i.e., with positive terminal going to ACOM (TB8-11).  .7 Depress SW1 momentarily to reset system.												
7														
9		.8	Leave "SLIM	!" (R6) se	t as in ste	p 9.0.8	.5.							
1		. 9	Increase PS recorded va	until li lues must	ght comes of be within	n. The <u>+</u> 4% of	absolute each othe	value of r.	the two					
3		.10	Remove the (TB8-11) or			ly from	between	MP (TB3-3)	and ACO	M				
5 7			_7B1 <sup>2</sup> }4(SYS	oply up to SL) will o	o cause lig measure 0 d	ght to chms	come on a From TB	14(SYSL)	to ∖TB1⊱1	(NSYS)				
9	4	P. F.	will be op conditions	oen. Clea s. NOTE R	r fault wi ELAY PICKS	UP ON	POWER UP	AN NO FAL	JLT!!!!	-188-10	سلن			
1					Vse Re	35.7		68 - 8		1-30				
5														
7														
9														
			7	ROPRIETARY	INFORMATION	OF THE	GENERAL ELE	CTRIC COMP	MY					
51 	a glagger	Lagu 4	REV. 5		MWS		<u> </u>		ELEMENTARY DI	GRAM				

CORM IC A	390 (05-68)					G	Н	·I	К	L
o1 A	8	С	D	<b>.</b>	¥	G	. 14	,		
03	9.0.9	TEST PER M	1							
05	- 1	POTS not sp	ecified o	n Mi shou	ıld be left	as set d	ln standar	d test.	ıf.	
07		no POTS set	tings are	specifie	ed, contact	product	line engi	neer.		
09		Load 30-% r			an ON YOU				,	
11		To set FCL Adjust REF status ligh	at FCL jo	r Ml (FÖI	0.1.5) to .) volts at	ጥር1 ለራ	orarity. Al Ijust FCL 684 GUI	POT CEWA	ınt11	Beard
13	. 4	Apply +9V t impedence m	o FCL (TB eter like	-1). Set	: FMAX for atus light	Ml volts	at TP1 us		UK	, '
15	•	Λpply +255			B3-3) and	MN- (TB3-	-2). Set	FMIN for	Ml,	
17		volts at TP		•					•	
19 21		Remove +255 FC1 (TBl-1) status ligh	to produ	ce Ml <sub>w</sub> vol	oss CCW. F Lts specifi ~F] <sub>O</sub> ()	teset SW1. ed at TP1		se voltage Eloss unti		
23		Set CROSS f			,					
25	.8	Set SLIM fo	er M1 volt	s DA26 to	ACOM.					
	.9	Remove powe	er, set MF	B for Ml	OHMS from	AUX-2 (T	B8-4) <b>7</b> -	Acom		
27		Remove all	jumpers a		iring test	and conn	ect all j	umpers per	e ' '	
49				•						
.31		SETTINGS E								
33	FMA: FMI! FLO:	N 1.76vo								
35	SLII FCL		dc							
37	MFB CRO	0 oi	hm					B		
39	5110				÷					5
41		PER SETTINO 4 is, locațe				BOARD				
43	TB4									
45		GHTER BOARI TO YB	D SETTING	iS						
47	YC TS	TO YD TO DC								
49	11	TO TAX	(11)	Ofmoretit	14 10 10 10 10 10 10 10 10 10 10 10 10 10	J. 14. 3. 1. 1861	Fred Target	in Older	MR	
51		P	ROPRIETARY	INFORMATI	ON OF THE G	EMERAL ELEC	TRIC COMP	/ Kay		
Er N 4-11-1	FY ALV. 4	REV. 5	'YE1T9	1 /WWY		ERAL (D)	ELECTRIC	REGULATEI	CURREN	T SUP.
RYV. 1	1534160			FIRST MAD	EROB JOSEPH	IVE SYSTE				
RIY. J	MADE IY	M.W. SM	ITH			SALEM, VA		US 38.	20кыз	o. 9DB