8 7 6 5 4 3 2 1

ZONE	LTR	DESCRIPTION	DATE	APPROVED
	A	ENG RELEASE	8-10-92	SSC-D

JUMPER

VOLT SENSE F E — CR101 CR102 CR103 CR104 IN4004 (4) — R102 5K CW VOLT CONTR. — R103 47K — R104 47K — C101 .05 — Z101 348 — +15V -15V

C103, .1 — C104, .1 — R105 13.3K, 1/8W, 1% — R106 6.65K 1/8W, 1% — C105 .1 — C106 .1 — R107 13.3K, 1/8W, 1% — R142 5.1K — R141 2.2K — C123 1µf — Z102 301 — +6 — R143 1K — C124 47PF

C102 .05 — Z101 348

CUR SENSE H K — CR105 CR106 CR107 CR108 IN4004 (4) — R108 100 5W — C109 .01 — Z1P 3 — R109 33K — R110 33K — C110 .1 — C111, .1

R112 20K — R113 5.1K — R173 CW 10K — R111 10K — C112 47PF — Z111 311 — R174 20K — C113 .01 — -15 — R175 33K — CR112

FUSE OPEN IN T — R119 22 — C116 .1 — CR113

R118 47K — R150 47K — C128 10 — Z109 4098 — *CL — T — 3,5,16 — 1,6,11,12,13

FAULT LINE — Z110 4093 — 2,8,9,12,13

H1 CUR LIM — CW — R147 20K — R148 10K — R149 20K — LO CUR LIM CW — Z106 — DG 303 — R155 20K CW — R161 10K — R151 10K

R153 47K — CR125 CR126 CR127 IN4004 — Q101 2N3567 — R165 10K — -15V

C129 33 — R164 22 — Z107 4093 — R176 150K — CR129 — CR119 — C125 .1 — C126 LO — Z103 301 — C127 47PF — CR122 — R162 220K

R157 33K — R158 47K — R154 1K — C102 33 — CR131 — CR130 — R182 220K — +15

R177 33K — R178 33K — R179 33K — R180 33K — Z101 348 — L VOLT CONT RAIL

R160 10K — Z104 741 — R156 47K — CR123 — 6 OVERLOAD OUT

R163 47K — Z107 4093 — R183 3.3M

Z108 (A) 4098 — R166 47K — Z108 (B) 4098 — R167 5.1 M, ½W — C131 33µ — CR132 — R184 20K — C133 1µ

16 FAULT — 17 FAULT — V FAULT — W FAULT

DC BUS SENSE + Y — R123 13.3K, 1/8W, 1% — R124 100K, 1/8W, 1% — R125 100K, 1/8W, 1% — CR110 1N4006 — C118 .01 — R127 15.8K, 1/8W, 1% — C136 .1µ 100V — C135 .1µ, 100V — R120 13.3K, 1/8W, 1% — R121 100K, 1/8W, 1% — R122 100K, 1/8W, 1% — C117 .01 — CR109 IN4006 — R126 15.8K, 1/8W, 1% — Z105 348 +A — UV — R125 20K CW — Z105 348 — R130 33K — Z107 4093 — CR114 — R131 6.2K — CR115 — CR116 — R129 5.1K — +6V — R132 13.7K, 1/8W, 1% — R133 13.32K, 1/8W, 1% — Z105 348 +C — CR118 — R181 33K — R140 220K — CR117 — Z105 348 -D — R138 10K — R139 9.1K — C122 .1µ

+15V R134 4.7 — R135 4.7 — C119 33 — R136 1K — +6V — C120 .1 — CR111 IN821

COM 22 Z — -15V 3 C — R137 4.7 — C121 10

NOTES: UNLESS OTHERWISE SPECIFIED
1. ALL DIODES ARE IN914.
2. ALL RESISTORS ARE 1/4 W, 5%, VALUES.
3. CAPACITOR VALUES ARE IN MICROFARADS.

50-410
9111070103
10/3/91

FOR INFORMATION ONLY

NUCLEAR SAFETY RELATED

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ON
DECIMALS FRACTIONS ANGLES
.XX = .03 = 1/32 = 1/2°
.XXX = .010
DO NOT SCALE THIS DRAWING

NEXT ASSY | USED ON | APPLICATION

MATERIAL

FINISH

THE INFORMATION DISCLOSED HEREIN WAS ORIGINATED BY AND IS THE PROPERTY OF ELGAR CORPORATION AND EXCEPT FOR RIGHTS EXPRESSLY GRANTED TO THE UNITED STATES GOVERNMENT, ELGAR CORPORATION RESERVES ALL OTHER PROPRIETARY RIGHTS IN SUCH INFORMATION INCLUDING BUT NOT LIMITED TO RIGHTS OF SALE, MANUFACTURING AND REPRODUCTION IN WHOLE OR IN PART.

CONTRACT NO 3/0 4023-2
FIRST MADE FOR

	APPROVAL	DATE
DRAWN		
CHECKED		
PROJ ENG		
QA REL		

ELGAR CORPORATION
SAN DIEGO, CALIFORNIA

PWM, ANALOG LOGIC
UPS 103-1-176

SIZE	CODE IDENT NO	DRAWING NO
D	25965	644-014-60

SCALE — SHEET 1 OF 1

E

93050701817

09-730-91