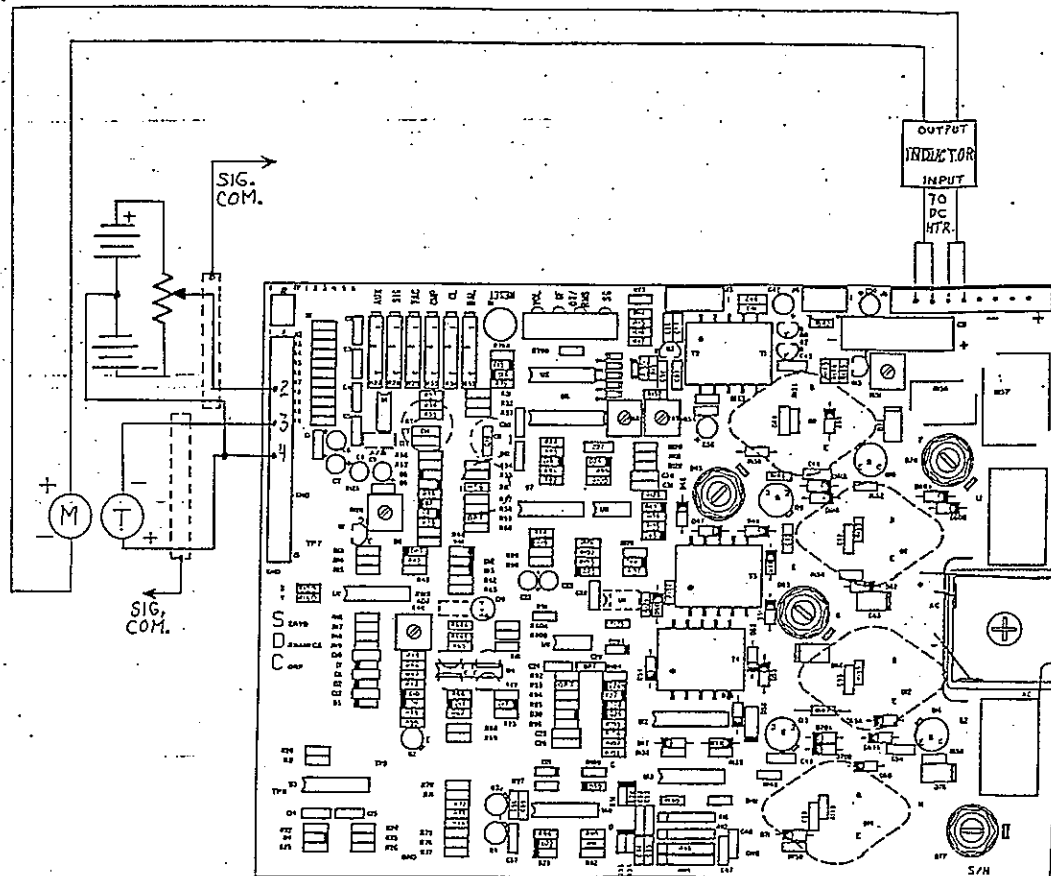




REV.	DESCRIPTION	E.C.O. NO.	APP'D BY	DATE
TOLERANCE UNLESS SPECIFIED				
X.XXX	±			
X.XX	±			
X.X	±			
ANGLE	±			
MATERIAL/FINISH				
 INDUSTRIAL INFORMATION CONTROLS 7870 PARK DRIVE CHARLHAM, NH 55317 (612-474-8100) TITLE: S.D. DRIVE AMP. EXT. APPLICATION: GENERAL PRODUCTS SCALE: N/A DATE: 18 APR 86 DWG NO. 6-00-017-024 SIZE B DRAWN BY REUTER SHEET NO. 3 OF 3				

FRONT OF CRT DISPLAY
DISPLAYTEK

HORIZONTAL
CENTERING



VERTICAL
LINEARITY



VERTICAL
HOLD



VERTICAL
SIZE



CONTRAST



FOCUS

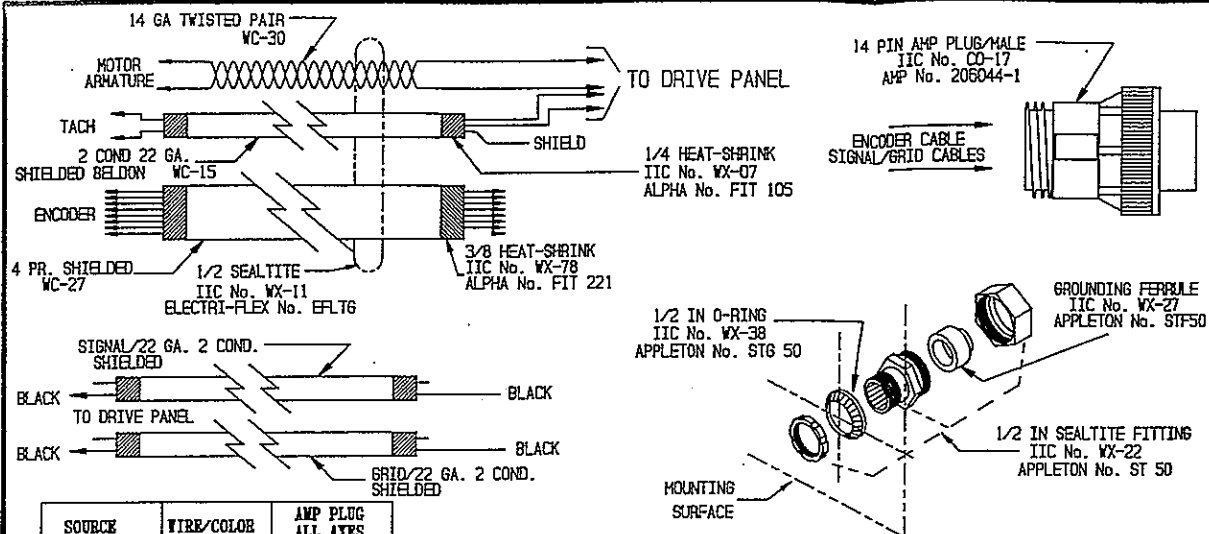


MASTER
BRIGHTNESS



10 9 8 7 6 5 4 3 2 1

REV.	DESCRIPTION	E.C.D. NO.	APP'D BY	DATE
TOLERANCE UNLESS SPECIFIED		 INDUSTRIAL INFORMATION CONTROLS 7870 PARK DRIVE CHARLASSON, NY 55317 (612-474-8100)		
X.XXX	±	TITLE: CRT PC TRIMPOT LOCATOR APPLICATION: GENERAL PRODUCTS SCALE 1:1 DWG NO. 6-02-018-101 SIZE B DATE: 20 SEP 88 DRAWN BY: REUTER SHEET NO. 1 OF 1		
X.XX	±			
X.X	±			
ANGLE	±			
MATERIAL/FINISH				



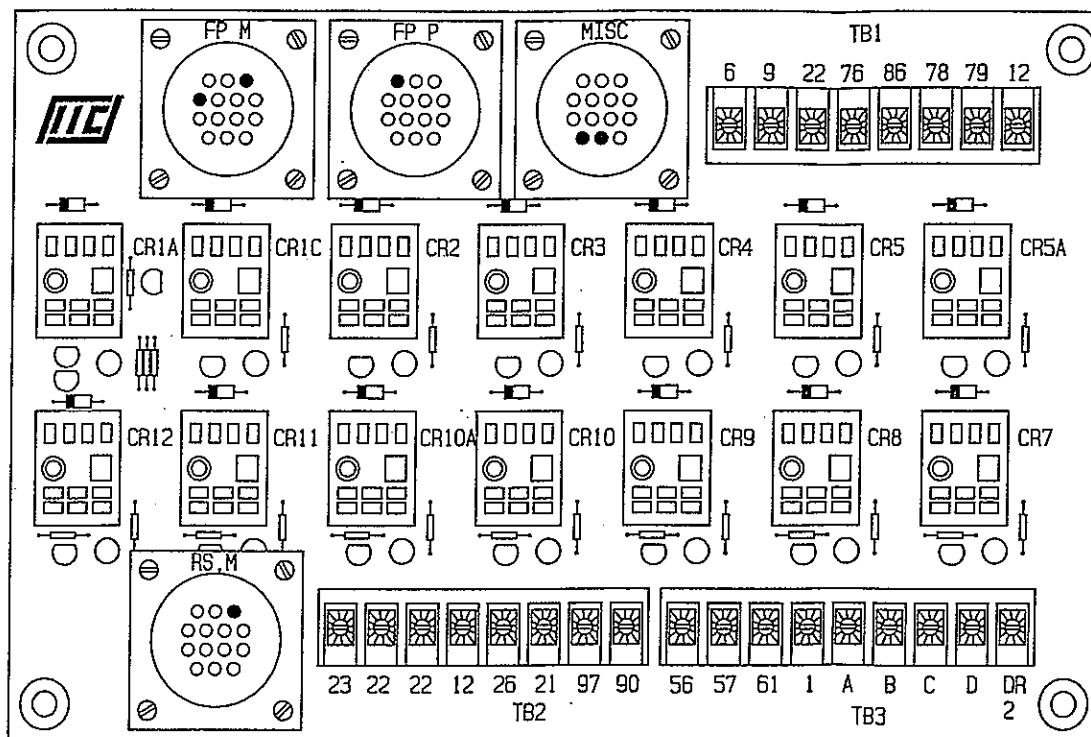
SOURCE	WIRE/COLOR	AMP PLUG ALL AXES
TACH SHIELD	18 GA. GRN	TB-6
CH. A BRWN	1 BLK 22 GA	P-1
CH. A BRN/WHT	1 RED 22 GA	P-2
CH. B GREEN	2 BLK 22 GA	P-3
CH. B GRN/WHT	2 RED 22 GA	P-4
MARKER ORG	3 RED 22 GA	P-5
MARKER OR/WHT	3 BLK 22 GA	P-6
+5VDC RED	4 BLK 22 GA	P-7
GND BLACK	4 RED 22 GA	P-8
SHIELDS	18 GA. GRN	TB-6
SIGNAL	22 GA	P-11
GRID	22 GA.	P-10

SOURCE	COLOR/WIRE	X	Y	Z
MOTOR +	RED 14 GA	TB-35	TB-44	TB-53
MOTOR -	BLK 14 GA	TB-36	TB-45	TB-54
TACH +	RED 22 GA	TB-29	TB-38	TB-47
TACH -	BLK 22 GA	TB-30	TB-39	TB-48
SIGNAL	RED 22 GA	TB-28	TB-37	TB-46
GRID	BLK 22 GA	TB-34	TB-43	TB-52

GENERAL NOTES

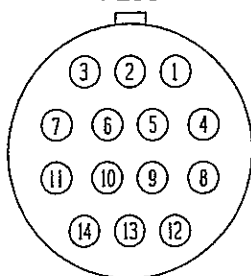
- TACH WIRES:**
CUT OFF SHIELD ON MOTOR END AND SECURE WITH HEAT-SHRINK. PULL 4 IN. WIRE THRU SHIELD AND SECURE WITH HEAT-SHRINK. LABEL SHIELD AS '6'.
- ENCODER WIRES:**
CUT OFF SHIELD ON MOTOR ENDS AND SECURE WITH HEAT-SHRINK. LABEL AS 1,2,3,4. PULL 4 IN. WIRE THRU SHIELDS. PLACE MALE AMP PINS ON WIRES. LABEL WIRES 1 THRU 8. INSTALL PINS TO PLUG.
- GRID WIRE:**
CUT OFF SHIELD AND RED WIRE ON MOTOR END. SECURE WITH HEAT-SHRINK. LABEL AS '10'. CUT OFF RED WIRE AND COVER SHIELD WITH HEAT-SHRINK. PLACE MALE AMP PIN ON BLACK WIRE AND INSTALL INTO PLUG.
- SIGNAL WIRE:**
CUT OFF SHIELD AND BLACK WIRE ON MOTOR END. SECURE WITH HEAT-SHRINK. LABEL AS '11'. CUT OFF BLACK WIRE AND COVER SHIELD WITH HEAT-SHRINK. PLACE MALE AMP PIN ON RED WIRE AND INSTALL INTO PLUG.
- ARMATURE WIRES (PARTNER V)**
12 GA. RED/BLACK TWISTED PAIR

REV.	DESCRIPTION	E.C.D. NO.	APP'D BY	DATE
TOLERANCE UNLESS SPECIFIED				
X.XXX	±	INDUSTRIAL INFORMATION CONTROLS 7870 PARK DRIVE CHARLHASTEN, NY 55317 (612-474-8100)		
X.XX	±			
X.X	±			
X.X	±			
ANGLE	±	TITLE: X,Y,Z MOTOR CABLES/ASSY.		
MATERIAL/FINISH		APPLICATION: GENERAL PRODUCTS		
SCALE 1:1		DWG NO. 6-04-018-006	SIZE B	
DATE: 7 DEC 88		DRAWN BY REUTER	SHEET NO. 1 OF 2	



REV.	DESCRIPTION	E.C.D. NO.	APP'D BY	DATE
TOLERANCE UNLESS SPECIFIED				
X.XXX	±	INDUSTRIAL INFORMATION CONTROLS 7870 PARK DRIVE CHARLASSER, NY 55317 (612-474-8100)		
X.XX	±			
X.X	±			
ANGLE	±			
MATERIAL/FINISH		TITLE: PC-REL-1B PANEL ASSY.		
		APPLICATION: GENERAL PRODUCTS		
		SCALE 1:1	DWG NO. 6-03-018-000	SIZE B
		DATE: 15 NOV 88	DRAWN BY REUTER	SHEET NO. 1 OF 1

FEMALE AMP PLUG



TERMINAL BLOCK

1 2 3 4 5 6 7 8

F.P.M.

PIN No.	FUNCTION	INT. DEST.
1	KEY	
2	RESET	CR1A-5
3	E STOP	FPW-2
4	E STOP	CR1C
5	SPINDLE STOP	CR2-6
6	TOOL CHANGE	CR2
7	KEY	
8	SPINDLE CCW	CR5-11 CR8-4
9	TOOL CHG RESET	RSM-2
10	SPINDLE STOP	RSM-3
11	COOLANT SPRAY	CR-7
12	SPINDLE CW	CR-14 CR8-7
13	RESET	RSM-6
14	COOLANT FLOOD	CR8

F.P.P.

PIN No.	FUNCTION
1	+5VDC
2	+5V
3	KEY
4	GND
5	GND
6	GND
7	GND
8	+15V
9	+15V
10	SWITCHED 24V
11	24V
12	SPARE
13	SPARE
14	SPARE

MISC.

PIN No.	FUNCTION
1	CR 12-10
2	CR 12-8
3	CR 12-9
4	N/A
5	CR 12-7
6	CR 12-6
7	CR 12-5
8	SPARE
9	CR 11-8
10	CR 11-9
11	CR 11-10
12	CR 12 COIL
13	KEY
14	KEY

RSM (CNC)

PIN No.	FUNCTION	INT. DEST.
1	SPINDLE CCW	CR10A-10
2	TOOL CHG RESET	CR-8 CR-4
3	SPINDLE STOP	FPW-10
4	SPINDLE ANALOG	TB2-7
5	SPINDLE CW	CR10A-6
6	RESET ALLOW	FPW-13
7	COOLANT FLOOD	CR8
8	S-WORD DISABLE	CR11
9	EXCESS ERROR	TB2-6
10	UP TO SPEED	TB2-8
11	COOLANT SPRAY	CR7
12	SPINDLE ENABLE	CR-10 CR-8
13	LUBE FAULT	TB1-6
14	WAIT CHANNEL	TB1-14

NOTES:
1. TABLES REFERENCE
TO PC REL. 1B I/O
BOARD ONLY

T.B. 1

T.B. No.	FUNCTION	INT. DEST.
1 (6)	OVER TRAVEL LIMITS	CR2-9 CR2-4
2 (9)	OVER TRAVEL LIMITS	CR1A
3 (22)	GND	
4 (76)	+15V	
5 (86)	SPINDLE HI/LOW	
6 (78)	CNC AUTO LUBE	CR9
7 (79)	CNC WAIT CHANNEL	RSM-13
8 (12)	+24V	RSM-14

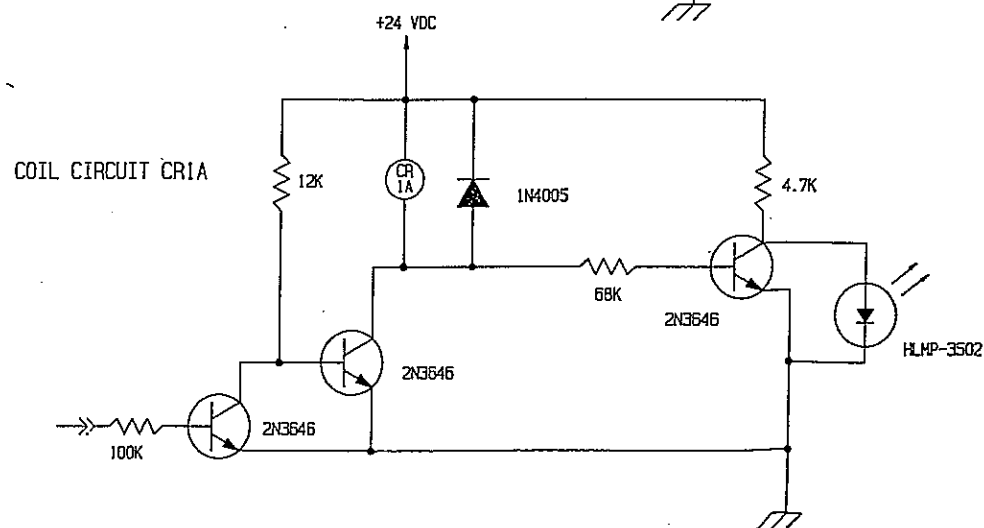
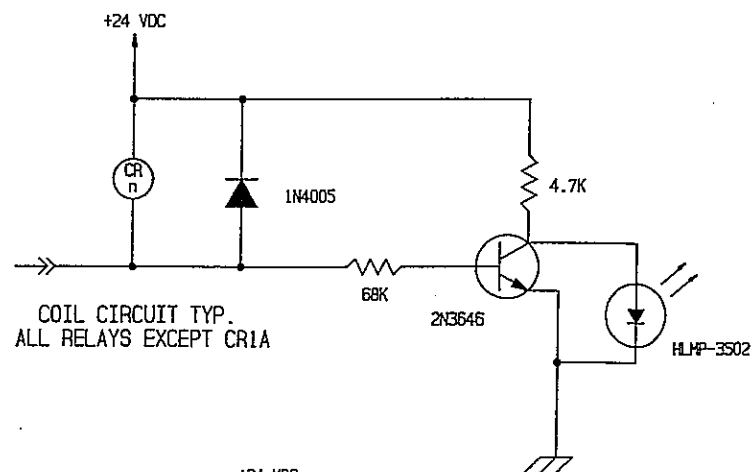
T.B. 2

T.B. No.	FUNCTION	INT. DEST.
1 (23)	+5V	
2 (22)	GND	
3 (22)	GND	
4 (12)	+24V	
5 (26)	+15V	
6 (21)	EXCESS ERROR	CR1A
7 (97)	SPINDLE ANALOG	RSM-4
8 (90)	AUTO SPEED	RSM-10

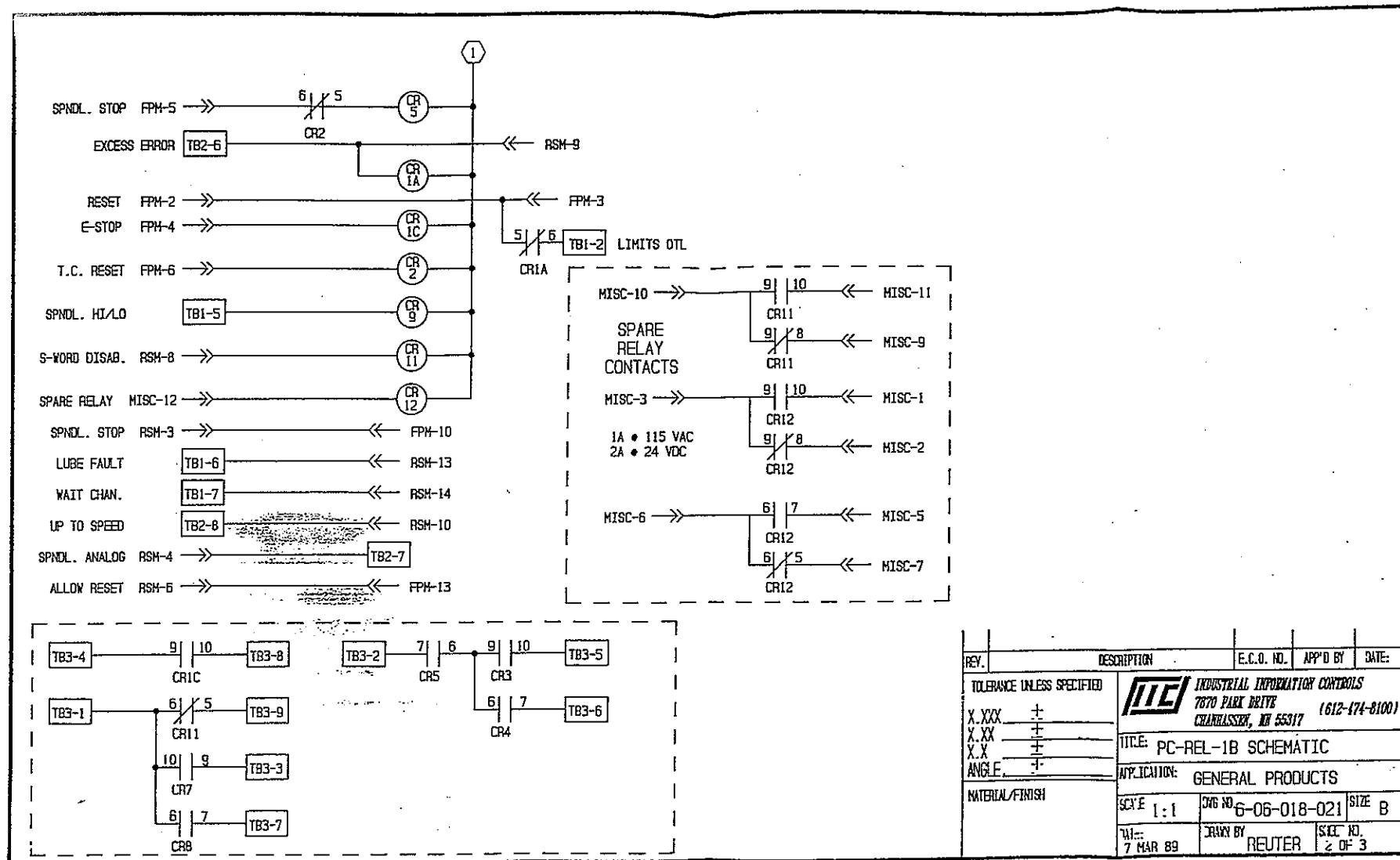
T.B. 3

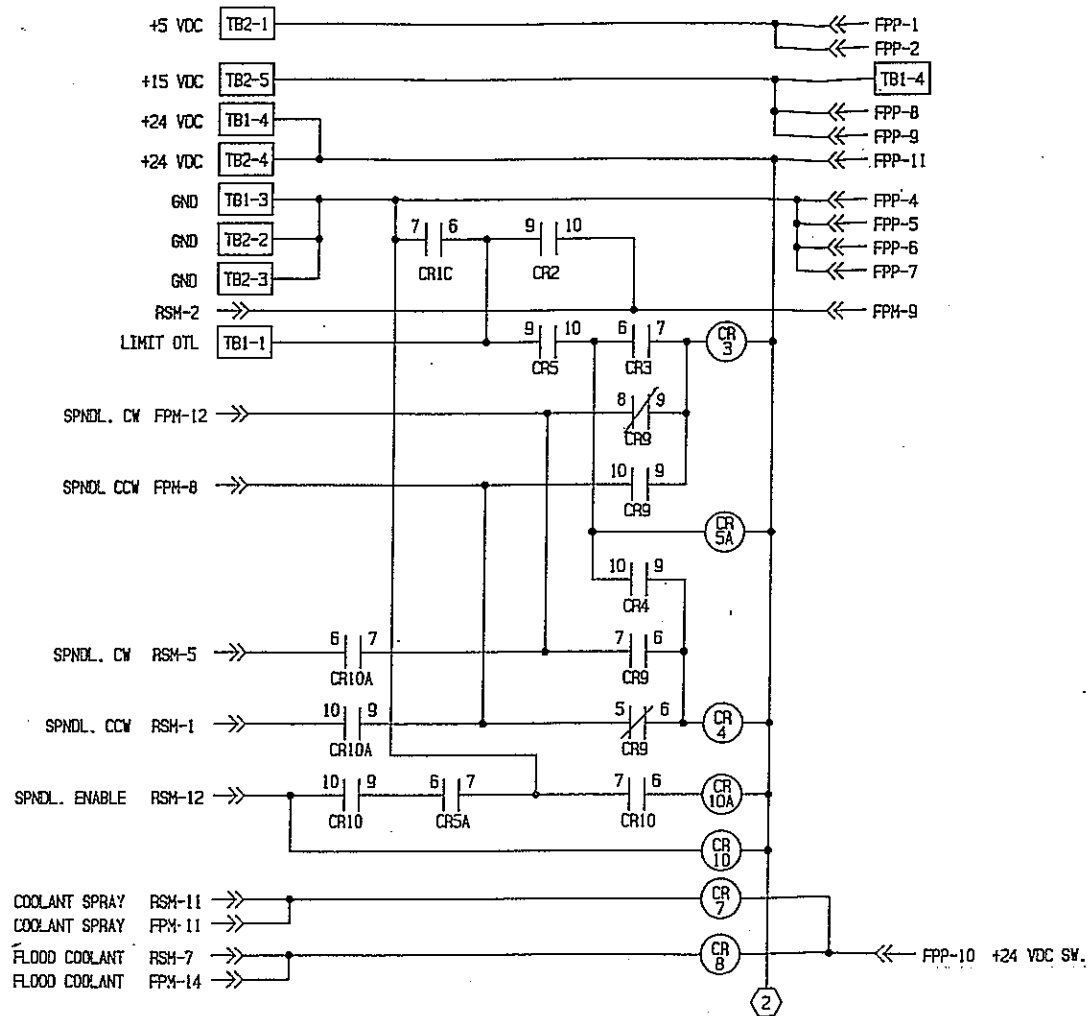
T.B. No.	FUNCTION	INT. DEST.
1(56)	AC MAGNETICS	CR1-4 CR-8 CR-4
2(57)	AC MAGNETICS	CR5-7
3(61)	AC MAGNETICS	CR7-9
4(1)	AC MAGNETICS	CR1C-9
5(A)	AC MAGNETICS	CR3-10
6(B)	AC MAGNETICS	CR4-7
7(C)	AC MAGNETICS	CR8-7
8(D)	AC MAGNETICS	CR1C-10
9(DR2)	AC MAGNETICS	CR11-5

REV.	DESCRIPTION	E.C.O. NO.	APP'D BY	DATE
TOLERANCE UNLESS SPECIFIED				
X.XXX	±			
X.XX	± 1/2			
X.X	± 1/4			
ANGLE	± 1/2			
MATERIAL/FINISH				
 INDUSTRIAL INFORMATION CONTROLS 7870 PARK DRIVE CHARLHASSER, MN 55317 (612-474-8100)				
TITLE: PC REL. 1B I/O PLUG DEF.				
APPLICATION: GENERAL PRODUCTS				
SCALE 1:1	DRG NO. 6-04-018-005	SIZE B		
DATE: 11 AUG 88	DRAWN BY REUTER	SHEET NO. 1 OF 1		



REV.	DESCRIPTION	E.C.O. NO.	APP'D BY	DATE:
TOLERANCE UNLESS SPECIFIED		 INDUSTRIAL INFORMATION CONTROLS 7870 PARK DRIVE CHARLISSE, MN 55317 (612-474-8100)		
X.XXX	±			
X.XX	±			
X.X	±			
ANGLE	°			
MATERIAL/FINISH		TITLE: PC-REL-1B SCHEMATIC		
		APPLICATION: GENERAL PRODUCTS		
SCALE 1:1		DWG NO 6-06-018-021		SIZE B
DATE: MAR 89		DRAWN BY REUTER		SHEET NO. 3 OF 3

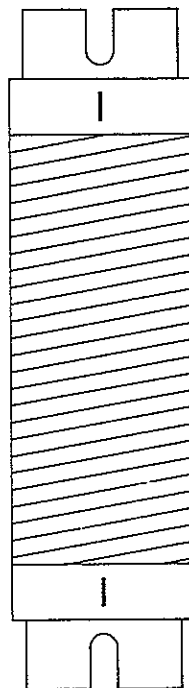
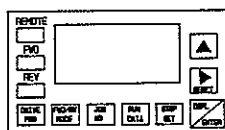




REV.	DESCRIPTION	E.C.O. NO.	APP'D BY	DATE
TOLERANCE UNLESS SPECIFIED				
X.XXX	±			
X.XX	±			
X.X	±			
ANGLE	±			
MATERIAL/FINISH				
 INDUSTRIAL INFORMATION CONTROLS 7870 PARK DRIVE CHARLISSEN, NY 55317 (612-474-8100)				
TITLE: PC-REL-1B SCHEMATIC				
APPLICATION: GENERAL PRODUCTS				
SCALE 1:1	DWG NO. 6-06-018-021	SIZE B		
DATE: 6 MAR 89	DRAWN BY REUTER	SHEET NO. 1 OF 3		

Varispeed 616G II

230V Series
YASKAWA Electric Co., Ltd. JAPAN



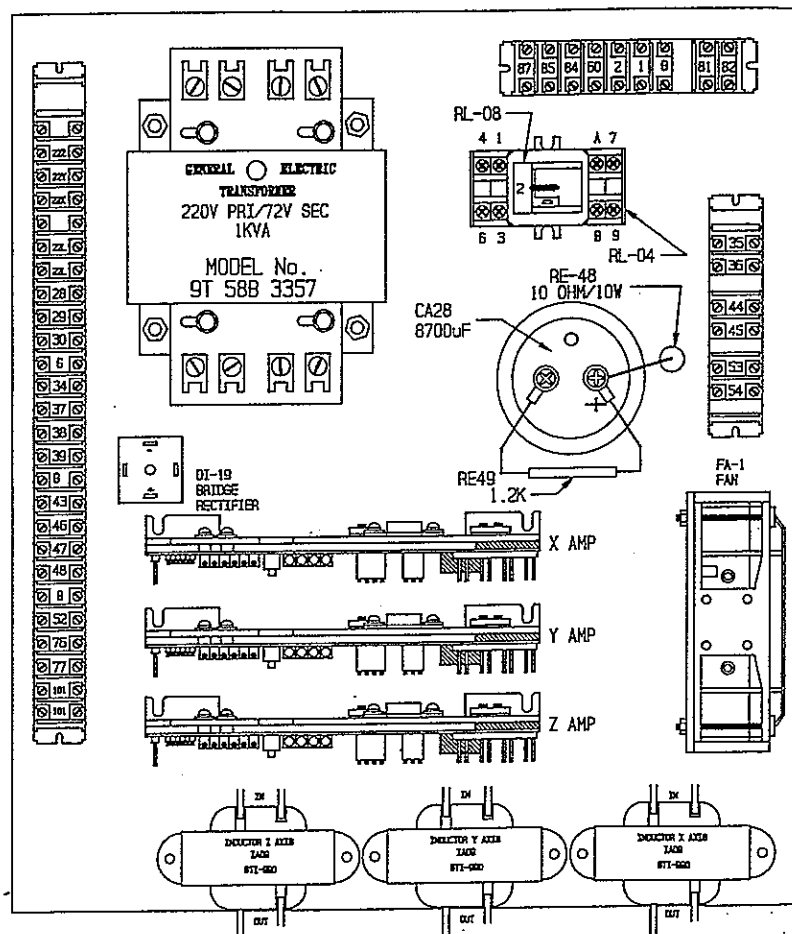
REGENERATION RESISTOR
25 Ω 1kW
MILLWAUKEE No. 40-240-25RC
IIC No. RE-85

APPLICATIONS

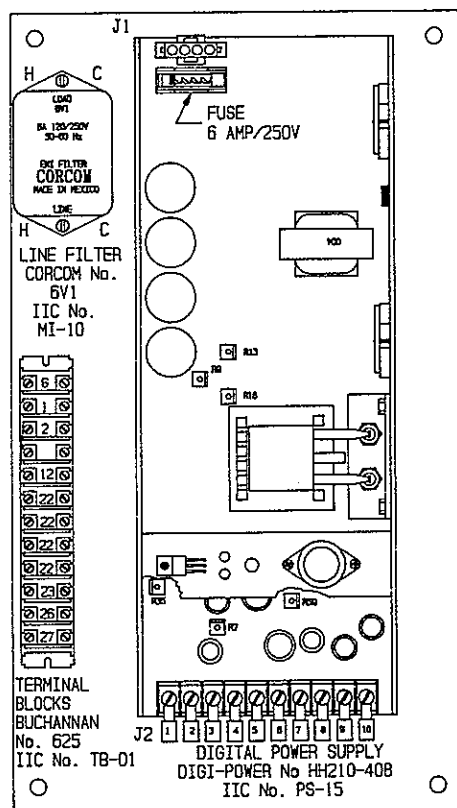
YASKAWA MODEL CIMR 5.5G2
IIC No. PS-17
RESISTOR: RE-85
FOR USE ON PARTNER MILLS
III, IV, V

YASKAWA MODEL CIMR 2.2G2
IIC No. PS-19
RESISTOR: RE-84
FOR USE ON PARTNER MILLS
I & II

REV.	DESCRIPTION	E.C.O. NO.	APP'D BY	DATE:
	TOLERANCE UNLESS SPECIFIED			
	X.XXX $\pm$			
	X.XX $\pm$			
	X.X $\pm$			
	ANGLE $\pm$			
	MATERIAL/FINISH			
	 INDUSTRIAL INFORMATION CONTROLS 7870 PARK DRIVE CHARLHASTEN, MN 55317 (612-474-8100)			
	TITLE: YASKAWA CONTROL PANEL			
	APPLICATION: GENERAL PRODUCTS			
	SCALE 2.25:1	DWG NO. 6-03-018-010	SIZE B	
	DATE: 27 MAR 89	DRAWN BY: REUTER	SHEET NO. 1 OF 1	



REV.	DESCRIPTION	E.C.O. NO.	APP'D BY	DATE:
TOLERANCE UNLESS SPECIFIED				
X.XXX	±			
X.XX	±			
X.X	±			
ANGLE	±			
MATERIAL/FINISH		INDUSTRIAL INFORMATION CONTROLS 7870 PARK DRIVE CHARLHASTEN, NY 55317 (612-474-8100)		
		TITLE: 3 AXIS DRIVER AMP BOARD APPLICATION: GENERAL PRODUCTS		
		SCALE 2.5:1	DWG NO. 6-03-018-004	SIZE B
		DATE: 18 NOV 88	DRAWN BY: REUTER	SHEET NO. 1 OF 1



POWER SUPPLY DATA

J1-1	115VAC HOT OUTPUT
J1-2	NOT USED
J1-3	CHASSIS GROUND
J1-4	115VAC COMMON INPUT
J2-1	NOT USED (POWER FAIL)
J2-2	GND. (POWER FAIL RET.)
J2-3	-15VDC • 1.5A OUTPUT
J2-4	GROUND
J2-5	+24VDC • 2.0A OUTPUT
J2-6	+15VDC • 4.0A OUTPUT
J2-7	GROUND
J2-8	GROUND
J2-9	+5VDC • 20A OUTPUT
J2-10	+5VDC • 20A OUTPUT

J1 CONNECTOR - AMP P/N 350779-1
J1 SOCKET - AMP P/N 350689-1

R9-ILIM ADJ.: PRESET TO 120% TOTAL
POWER OUTPUT
R13-OVP ADJ.: PRESET TO 140% (ALL OUTPUTS)
R16-B+ ADJ.: PRESET (INTERNAL VOLTAGE)

ASSEMBLY WIRING (ALL 14 GA.)

FROM	TO	FROM	TO
J1-3	TB-6	J2-5	P-4
LF-GND	TB-6	J2-6	TB-26
LF-LINE-C	TB-1	J2-6	P-6
J1-4	LF-LOAD-H	J2-6	P-8
LF-LINE-H	TB-2	J2-7	TB-22
J1-1	LF-LOAD-C	J2-7	P-13
J2-2	TB-22	J2-8	TB-22
J2-2	P-10	J2-8	P-11
J2-3	TB-27	J2-8	P-12
J2-3	P-7	J2-9	P-1
J2-4	TB-22	J2-9	P-2
J2-4	P-14	J2-10	TB-23
J2-5	TB-12	J2-10	P-3

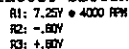
TRIM POT DEFINITIONS

R 9 ILIM ADJUST	R35 +5V ADJUST
R13 OVP ADJUST	R57 -15V ADJUST
R16 +3V ADJUST	R58 +15V ADJUST

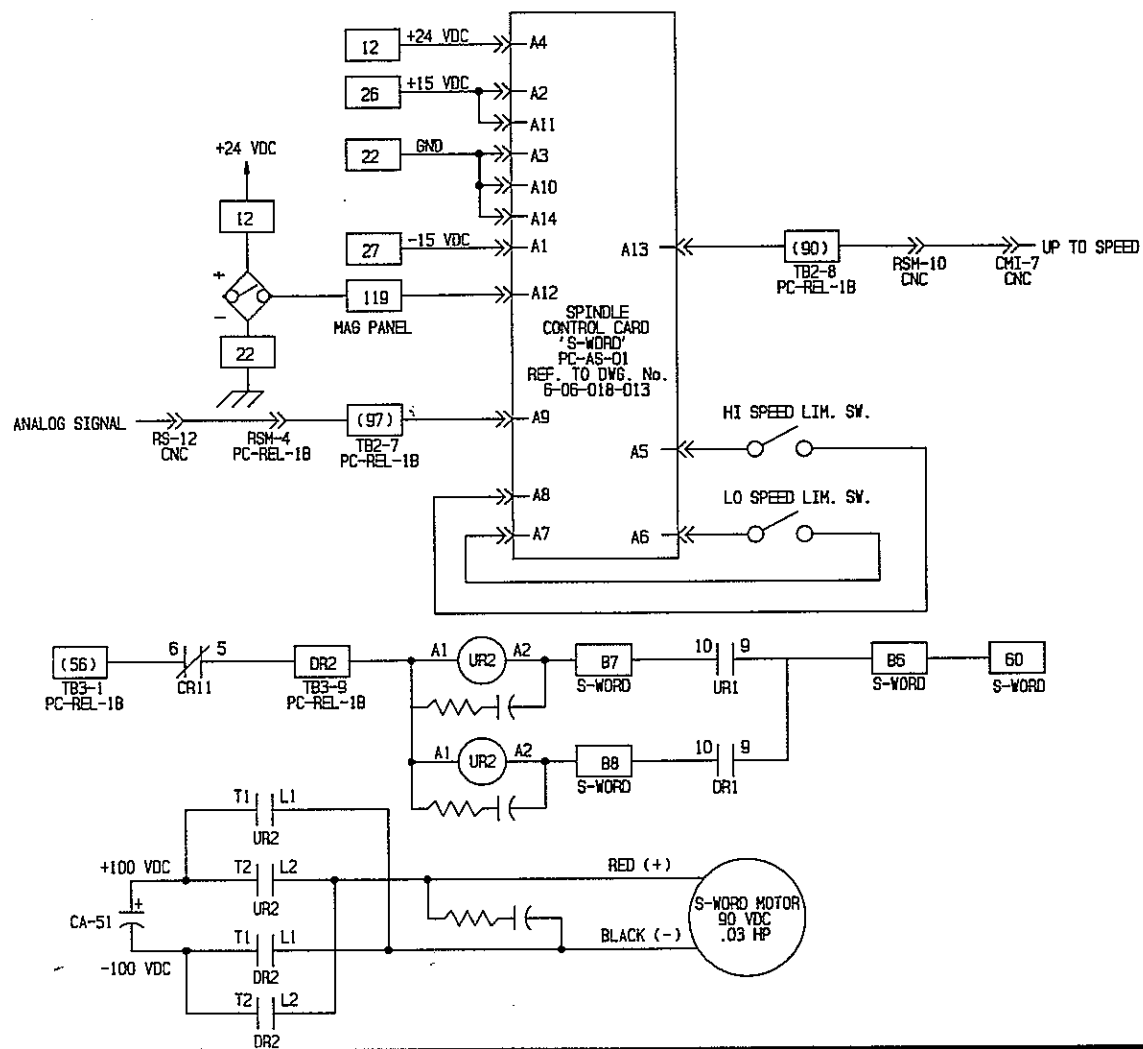
NOTES:

1. 'P' DESIGNATES MALE AMP PLUG, CO-17
2. USE 14 GA. BLUE WIRE (WC-05) FOR P-PLUG ALL LENGTHS: 38 IN. STAND ALONE MODELS LEGTH: 30 IN.
3. BEND J2 WIRES TO RIGHT FOR STAND ALONE MODELS. BEND J2 WIRES TO LEFT FOR ALL OTHER APPLICATIONS.

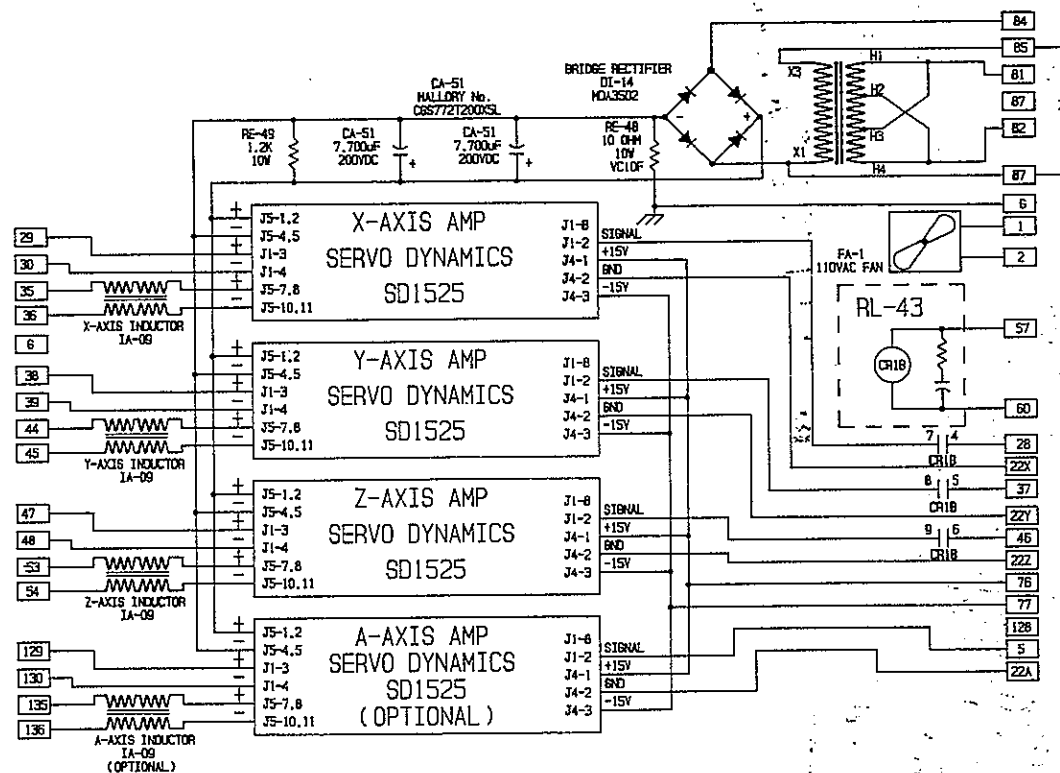
REV.	DESCRIPTION	E.C.O. NO.	APP'D BY	DATE:
TOLERANCE UNLESS SPECIFIED	 INDUSTRIAL INFORMATION CONTROLS 7870 PARK DRIVE CHELSEA, NY 10517 (612-474-8100)			
X.XXX ±	TITLE: DIGITAL PWR. PANEL ASSY.			
X.XX ±	APPLICATION: GENERAL PRODUCTS			
X.X ±	SCALE 2.5:1			
ANGLE ±	DATE: 17 NOV 88			
MATERIAL/FINISH	DRAWN BY REUTER			
	SHEET NO. 1 OF 1			



REV.	DESCRIPTION	E.C.O. NO.	APP'D BY	DATE:
TOLERANCE UNLESS SPECIFIED		 INDUSTRIAL INFORMATION CONTROLS 7870 PARK DRIVE CHATELAIN, MN 55317 (612-474-8100)		
X.XXX	±	TITLE: PC-AS-01 (S-WORD) SCHEMATIC APPLICATION: GENERAL PRODUCTS		
X.XX	±			
X.X	±			
ANGLE	±			
MATERIAL/FINISH		SCALE 1.5:1	DRG NO. 6-06-018-013	SHEET 8
		DATE: 20 MAR 89	DRAWN BY REUTER	SHEET 1 OF 1



REV.	DESCRIPTION	E.C.O. NO.	APP'D BY	DATE:
TOLERANCE UNLESS SPECIFIED X.XXX ± X.XX ± X.X ± X ± ANGLE ±				
INDUSTRIAL INFORMATION CONTROLS 7870 PARK DRIVE CHANNESSE, NH 05517 (602-474-8100)				
TITLE: PC-AS-01 (S-WORD) INTERCONNECT				
APPLICATION: GENERAL PRODUCTS				
MATERIAL/FINISH				
SCALE 1:1		DWG NO. 6-06-018-017		SIZE B
DATE: 17 MAR 89		DRAWN BY REUTER		SHEET NO. 1 OF 1



REV.	DESCRIPTION	E.C.O. NO.	APP'D BY	DATE
	TOLERANCE UNLESS SPECIFIED			
	X.XXX ±			
	X.XX ±			
	X.X ±			
	ANGLE ±			
	MATERIAL/FINISH			
	SCALE 1.75:1	DWG NO. 6-05-018-018	SIZE B	
	DATE: 21 MAR 89	DRAWN BY: REUTER	SHEET NO. 1 OF 1	

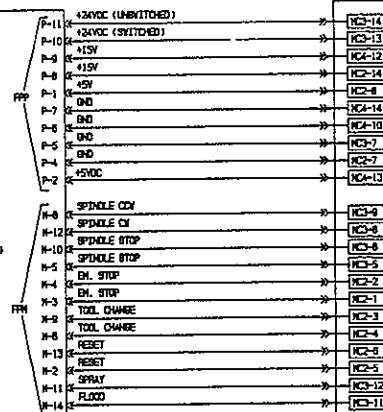
ITE INDUSTRIAL INFORMATION CONTROLS
7870 PARK DRIVE (612-474-8100)
CHANNASSEN, MN 55317

TITLE: 4-AXIS DRIVE SCHEMATIC

APPLICATION: GENERAL PRODUCTS

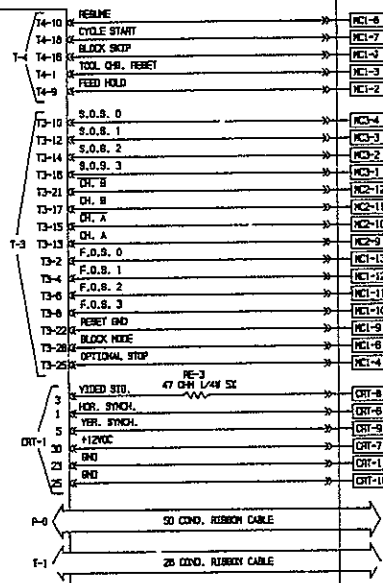
RELAY CARD PC-REL-1B

REF. TO DWS. No.
6-06-018-021 (SCHEMATIC)
6-04-018-005 (PLUG DEF.)
6-03-018-000 (PANEL LAYOUT)



FRONT PANEL REF. TO DWS. No. 6-06-018-026 (SCHEMATIC)

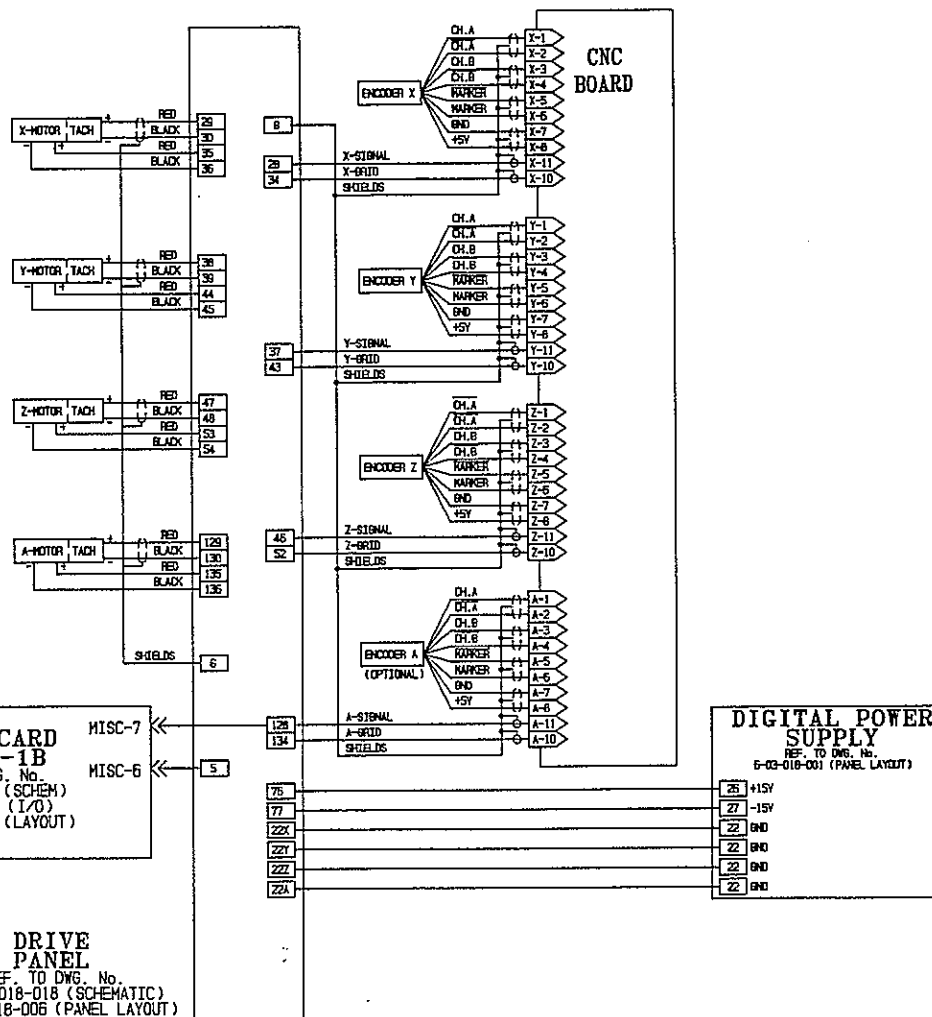
CNC BOARD



REV.	DESCRIPTION	E.C.O. NO.	APP'D BY	DATE
TOLERANCE UNLESS SPECIFIED				
X.XXX	±			
X.XX	±			
X.X	±			
ANGLE	±			
MATERIAL/FINISH				
 INDUSTRIAL INFORMATION CONTROLS 7870 PARK DRIVE CHANHASSEN, MN 55317 (612-474-8100)				
TITLE: CNC/FRONT PANEL INTERFACE				
APPLICATION: GENERAL PRODUCTS				
SCALE: 2.25:1	DWG NO. 6-06-018-027	SIZE B		
DATE: 27 MAR 89	DRAWN BY: REUTER	SHEET NO. 1 OF 1		

RELAY CARD
PC-REL-1B
REF. TO DWG. No.
6-06-018-021 (SCHEM)
6-04-018-005 (I/O)
6-03-018-000 (LAYOUT)

DRIVE
PANEL
REF. TO DWG. No.
6-06-018-018 (SCHEMATIC)
6-03-018-006 (PANEL LAYOUT)



REV.	DESCRIPTION	E.C.O. NO.	APP'D BY	DATE:
	TOLERANCE UNLESS SPECIFIED			
	X.XXX	±		
	X.XX	±		
	X.X	±		
	ANGLE	±		
	MATERIAL/FINISH			
	SCALE 2:1	DWG NO. 6-06-018-028	SIZE B	
	DATE: 29 MAR 89	DRAWN BY REUTER	SHEET NO. 1 OF 1	

ITC INDUSTRIAL INFORMATION CONTROLS
7870 PARK DRIVE
CHANNASSEN, MN 55317 (612-474-8100)

TITLE: MOTOR/ENCODER INTERFACE
APPLICATION: GENERAL PRODUCTS

TERMINAL BLOCK DESIGNATORS

1.	115 VAC HOT.	129.	A-MOTOR TACH +
2.	115 VAC COMMON	130.	A-MOTOR TACH -
6.	X OTL SW. OUT.	134.	A-GRID SWITCH
7.	Y OTL SW. OUT/X OTL SW. IN	135.	A-MOTOR +
8.	Z OTL SW. OUT/Y OTL SW. IN	136.	A-MOTOR -
9.	Z OTL SW. IN	328.	POWER DRAWBAR
12.	+24 VDC FROM PWR. SUPPLY	F1.	SW. 115 VAC TO FLOOD COOLANT
22.	GROUND FROM PWR. SUPPLY	6.	CHASSIS GROUND
23.	+5 VDC FROM PWR. SUPPLY	22L.	MACHINE SW. GROUND
25.	+15 VDC FROM PWR. SUPPLY	22X.	X-AMP GROUND
27.	-15 VDC FROM PWR. SUPPLY	22Y.	Y-AMP GROUND
28.	X-AMP ANALOG SIGNAL	22Z.	Z-AMP GROUND
29.	X-MOTOR TACH +	22A.	A-AMP GROUND
30.	X-MOTOR TACH -		
34.	X-GRID SWITCH		
35.	X-MOTOR +		
36.	X-MOTOR -		
37.	Y-AMP ANALOG SIGNAL		
38.	Y-MOTOR TACH +		
39.	Y-MOTOR TACH -		
43.	Y-GRID SWITCH		
44.	Y-MOTOR +		
45.	Y-MOTOR -		
46.	Z-AMP ANALOG SIGNAL		
47.	Z-MOTOR TACH. +		
48.	Z-MOTOR TACH. -		
52.	Z-GRID SWITCH		
53.	Z-MOTOR +		
54.	Z-MOTOR -		
56.	115 VAC FOR FLOOD/SPRAY		
57.	SW. 115 VAC HOT		
60.	SW. 115 VAC COMMON		
61.	115 VAC FOR SPRAY		
65.	SW. 220 VAC FOR AUTOLUBE		
66.	220 VAC FOR AUTOLUBE		
74.	SW. 115 VAC FOR A-AXIS BRAKE		
76.	+15 VDC FOR AMPS		
77.	-15 VDC FOR AMPS		
78.	LUBE FAULT SWITCH		
79.	WAIT CHANNEL SWITCH		
81.	220 VAC FOR DRIVE TRANSFORMER		
82.	220 VAC FOR DRIVE TRANSFORMER		
84.	SW. 72 VAC TO RECTIFIER		
85.	SW. 72 VAC TO DRIVE TRANSFORMER		
86.	SPINDLE HI/LO PROX. SWITCH		
87.	72 VAC TO RECTIFIER		
101.	DRIVE AMPS DISABLE		
119.	S-WORD PROX. SWITCH		
120.	CR-11 COIL S-WORD DISABLE		
121.	CR-12 COIL		
129.	A-AMP ANALOG SIGNAL		

RELAYS

CR1.	RESET
CR1A.	EXCESS ERROR
CR1B.	DRIVE DISABLE
CR1C.	DRIVE RESET
CR2.	TOOL CHANGE RESET
CR3.	SPINDLE CLOCKWISE
CR4.	SPINDLE COUNTERCLOCKWISE
CR5.	SPINDLE STOP
CR5A.	SPINDLE SAFETY
CR7.	SPRAY MIST
CR8.	FLOOD COOLANT
CR9.	SPINDLE HI/LO
CR10.	SPINDLE ENABLE
CR10A.	SPINDLE SAFETY
CR11.	DISABLE S-WORD
CR12.	AUXILIARY RELAY
MC1F.	SPINDLE CW (AC)
MC1R.	SPINDLE CCW (AC)
MC2.	FLOOD COOLANT (AC)
UR1.	UP SPINDLE SPEED (S-WORD)
DR1.	DOWN SPINDLE SPEED (S-WORD)
UR2.	UP SPINDLE SPEED (AC)
DR2.	DOWN SPINDLE SPEED (AC)

REV.	DESCRIPTION	E.C.D. NO.	APP'D BY	DATE
TOLERANCE UNLESS SPECIFIED		 INDUSTRIAL INFORMATION CONTROLS 7870 PARK DRIVE CHANHASSEN, MN 55317 (612-474-8100)		
X.XXX	±	TITLE: TERMINAL BLOCK DES.		
X.XX	±	APPLICATION: PARTNER IV		
X.X	±	SCALE: N/A Dwg No. 6-04-015-101 SIZE B		
ANGLE	±	DATE: 22 NOV 88 DRAWN BY: REUTER 10F1		
MATERIAL/FINISH				

