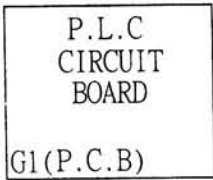
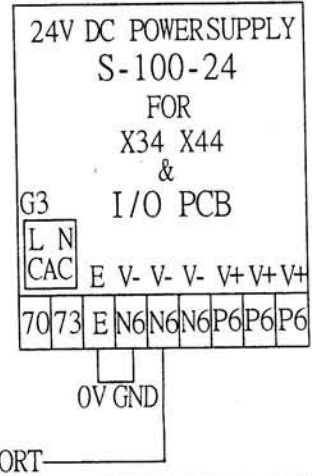
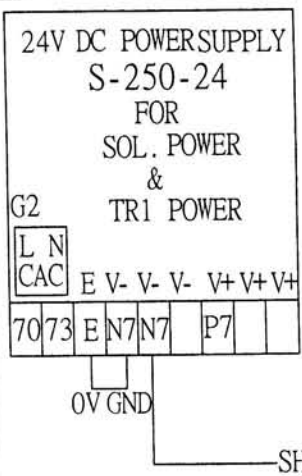
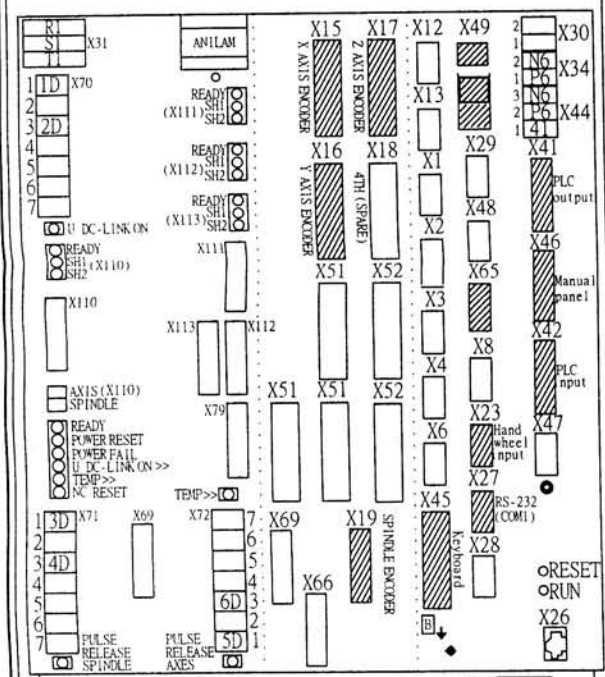
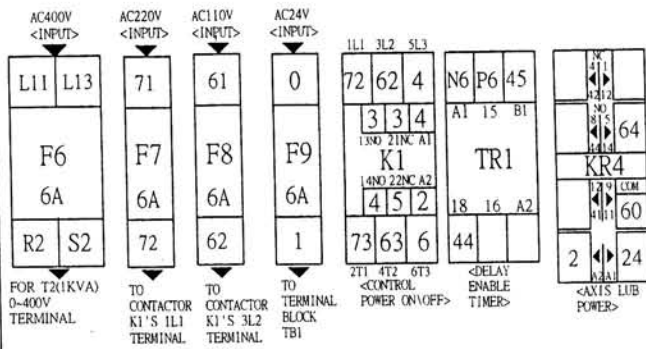
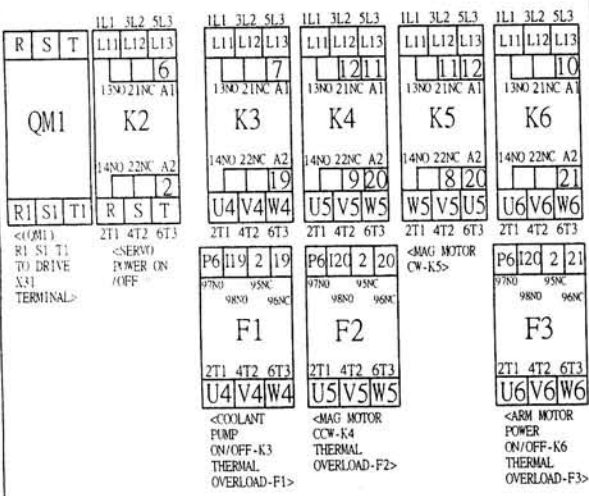


PART POSITION	PART #	DESCRIPTIONS	PART POSITION	PART #	DESCRIPTIONS
POWER 1	MC2240A-HPB 1	POWER ON	PB 6	MC2240A-PB 6	AUTO OFF
POWER 0	MC2240A-HPB 2	POWER OFF	PB 7	MC2240A-PB 7	TOOL UNCLAMP
PB.16	MC2240A-SW 1	COOLANT	PB 8	MC2240A-PB 8	TABLE BLAST
TESW 1	MC2240A-TESTW 1	WORK LAMP	PB 9	MC2040L-PB 9	4TH AXIS (SPARE)
SPB 1	MC2240A-SPB 1	EMERGENCY STOP	PB 10	MC2240A-PB 10	M01
PB 1	MC2240A-PB 1	MAG CW	PB 11	MC2240A-PB 11	BLOCK SKIP
PB 2	MC2240A-PB 2	MAG CCW	PB 12	MC2240A-PB 12	O. T. RELEASE
PB 3	MC2240A-PB 3	MAG HOME	PB 13	MC2040L-PB 13	CHIP CONVEYER (SPARE)
PB 4	MC2240A-PB 4	ARM S. C	PB 14	MC2040L-PB 14	↔ (SPARE)
PB 5	MC2040L-PB 5	DOOR RELEASE (SPARE)	PB 15	MC2040L-PB 15	↔ (SPARE)

63	60	ELECTRIC CABINET FAN AC 110V	INPUT AC 230V	L1	L2	L3	70	EXTERNAL DOOR-TYPE SWITCH (QS1)	ELECTRIC CABINET FAN AC 110V	60	63
63	60		INTERNAL POWER SWITCH TO TB2 230V-OUTPUT>	L1	L2	L3	74	70, 74-CARE FOR AUTO-POWER DISCONNECT>		60	63

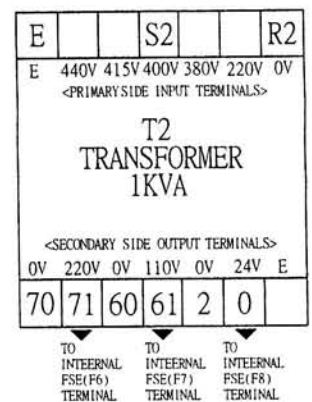
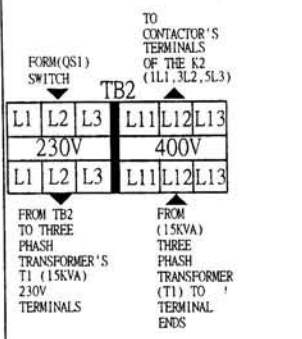


TERMINAL BOARD #1

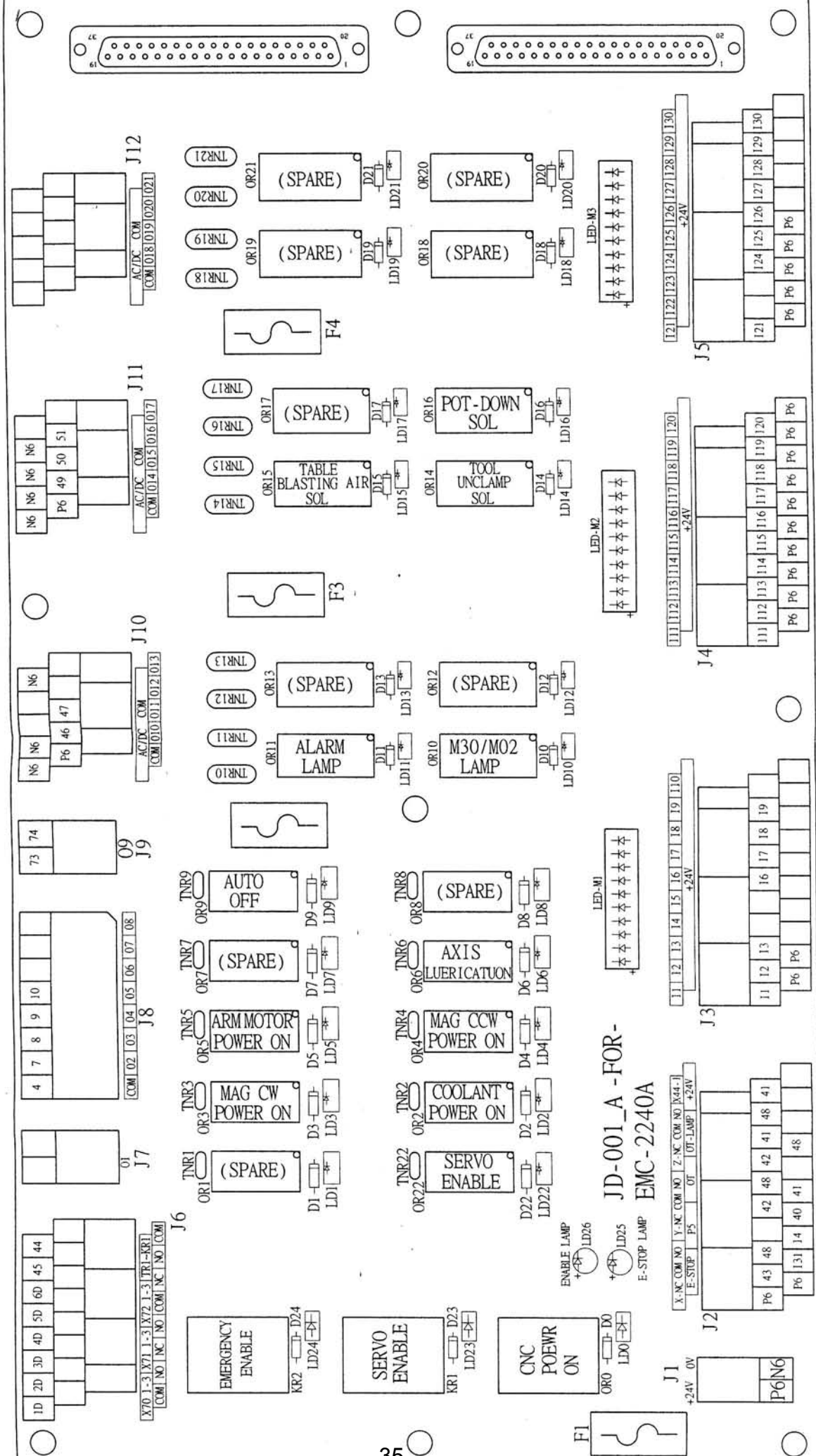
R1	S1	T1	U4	V4	W4	U5	V5	W5	U6	V6	W6	60	63	64	70	73	74	75	1	2	3	4	5	13	14	17	18	25
R1	S1	T1	U4	V4	W4	U5	V5	W5	U6	V6	W6	60	63	64	70	73	74	75	1	2	3	4	5	13	14	17	18	25

TERMINAL BOARD #3 FOR GROUND

41	48	58	P6	N6	N7	I11	I16
41	48	58	P6	N6	N7	I11	I16



EMC2240A-18



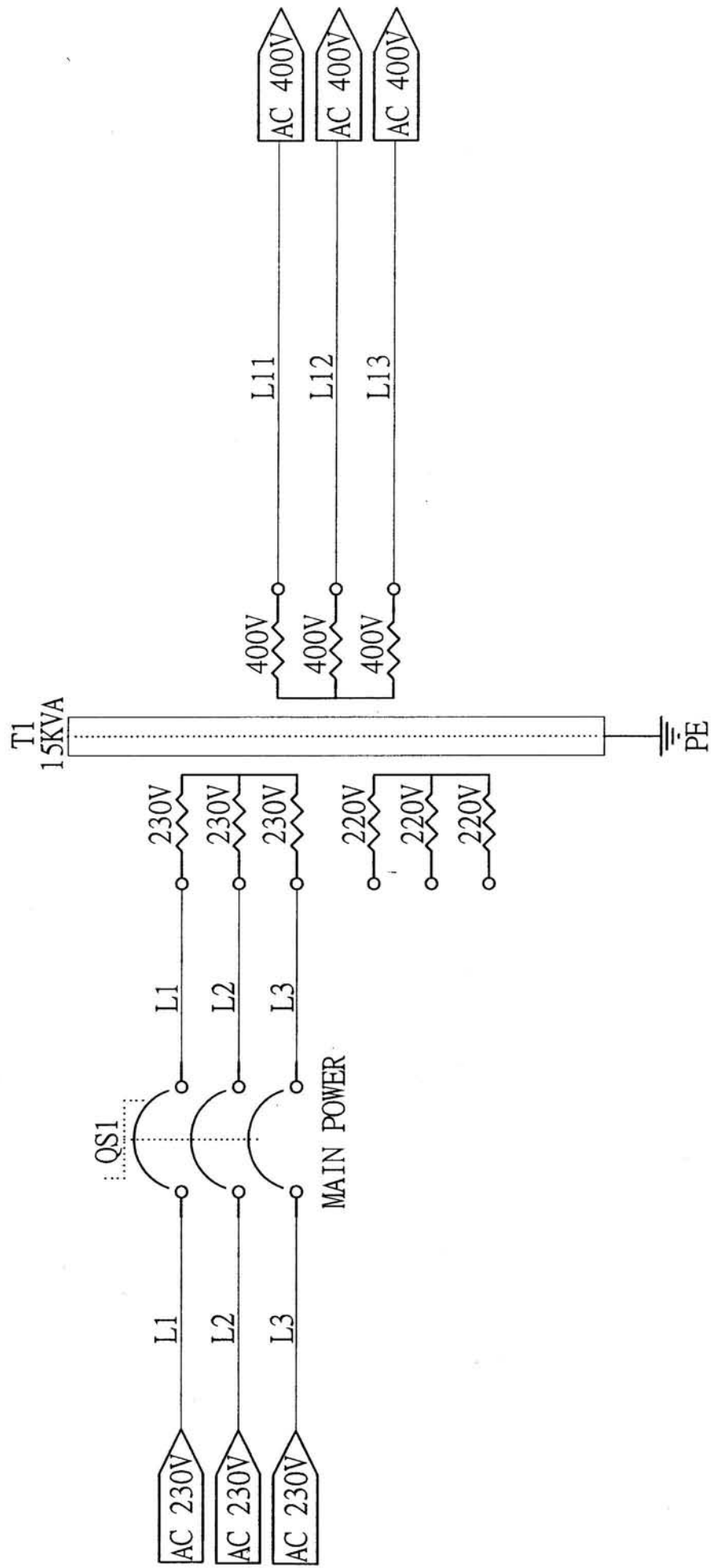
JD-001_A -FOR-
EMC-2240A

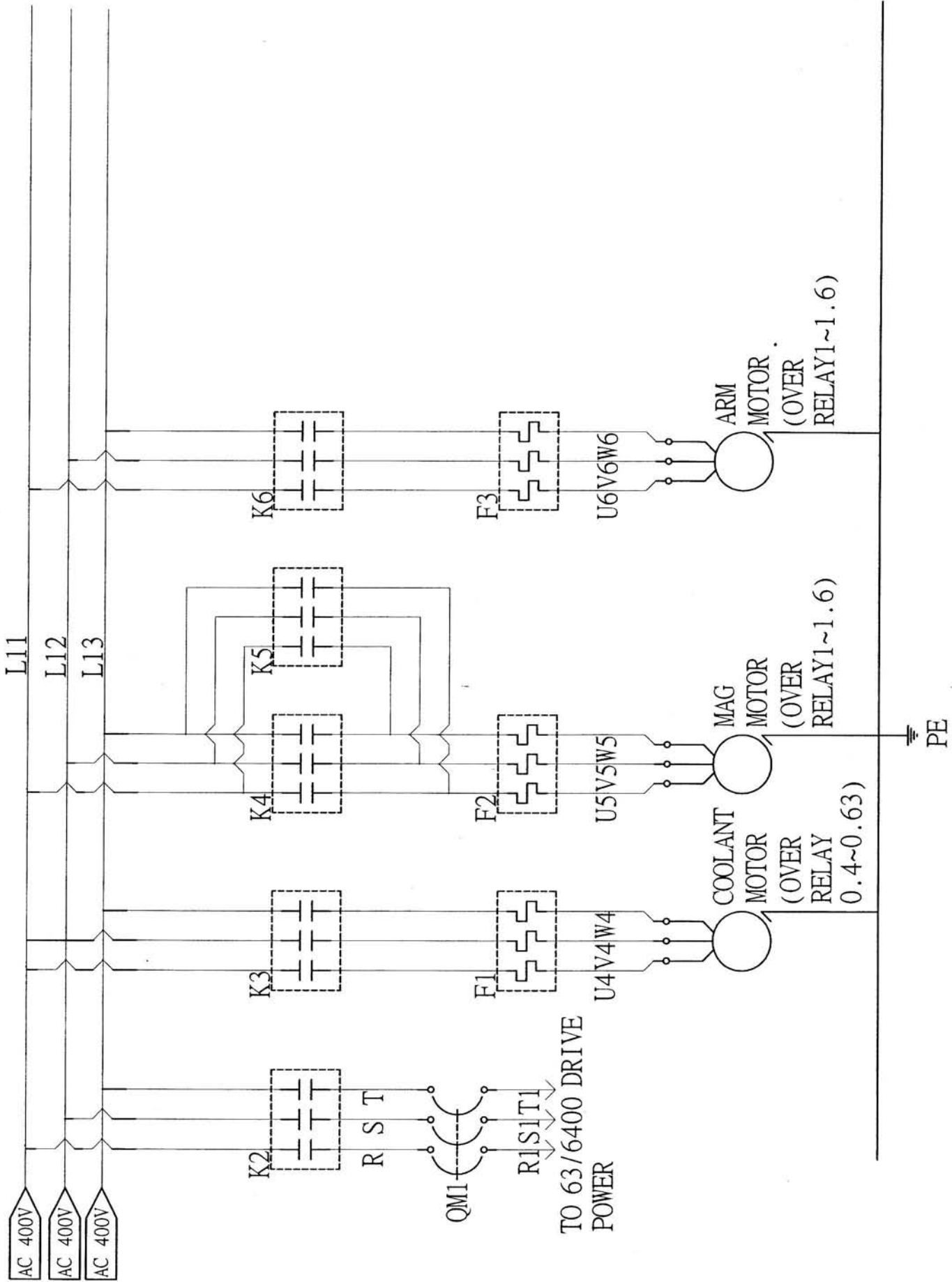
11-4. Description of Electric Part List

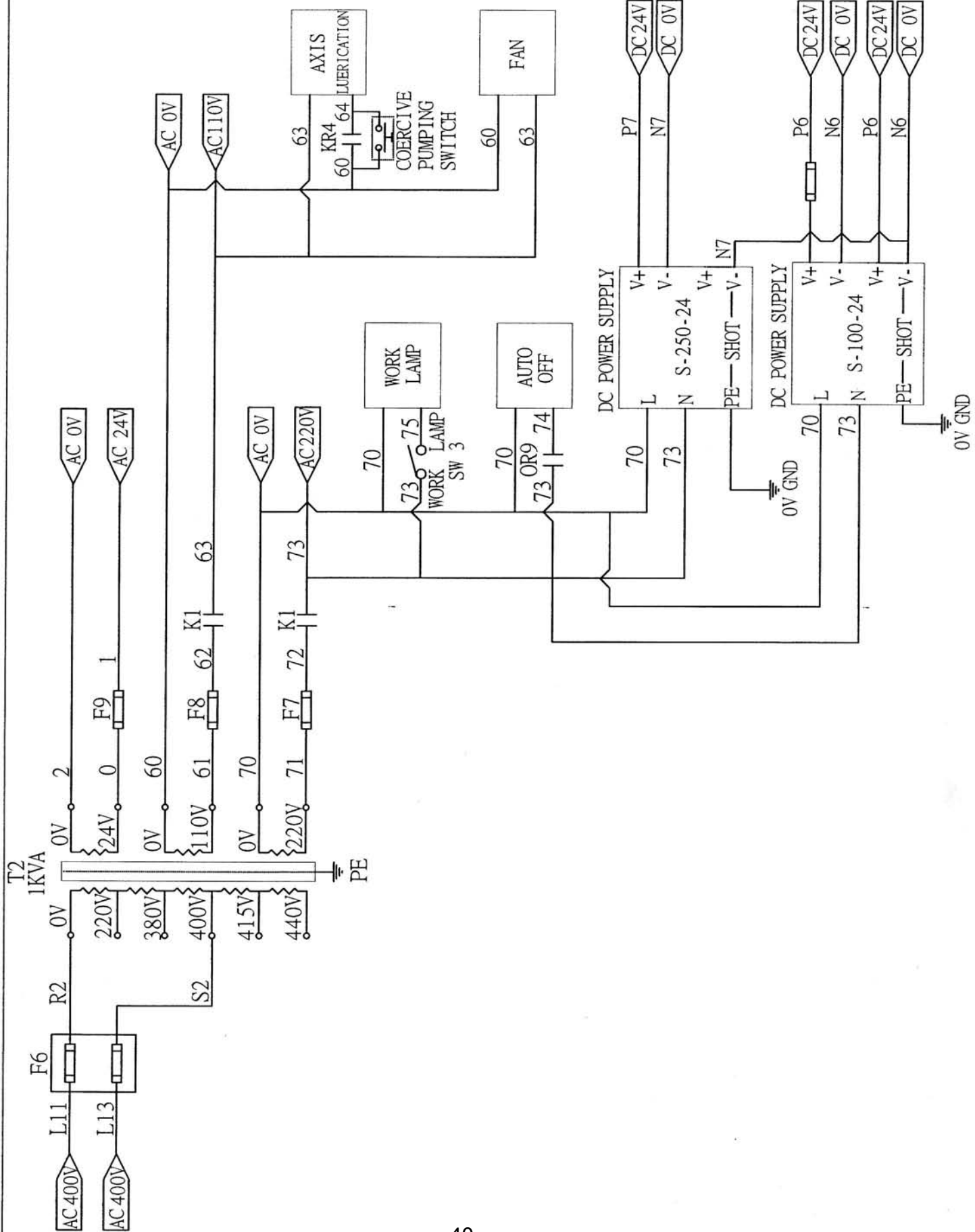
PART NAME	SPEC	Q'TY	BRANDS	CODE	REMARKS
BREAKER	EA103B	1	TAIAN	QS1	POWER
MCB	062 90	1	LEGRAND	QM1	DRIVER POWER
TRANSFORMER	1KVA	1	CHUNG YA	T1	
CONTACTOR	LC1 D32 B7	1	T E	K2	SERVO
	LC1 D09 B7	1		K3	COOLANT
	LC1 D09 B7	1		K4	MAG CW
	LC1 D09 B7	1		K5	MAG CCW
	LC1 D09 B7	1		K6	ARM CW
	LC1 D09 B7	1		K1	POWER ON
	LC1 D09 B7	1		K7	CHIP CONVEYOR CW
	LC1 D09 B7	1		K8	CHIP CONVEYOR CCW
O.L RELAY	LRD046	1	T E	F1	COOLANT
	LRD056	1		F2	MAG
	LRD066	1		F3	ARM
	LRD066	1		F4	CHIP CONVEYOR
FUSE	10*38 2P	1	LEGRAND	F5	CONTROL
	10*38 1P	1		F6	
	10*38 1P	1		F7	
	10*38 1P	1		F8	
RELAY	94.74+55.34	1	FINDER	KR1	DRV. ENABLE
RELAY	94.74+55.34	1	FINDER	KR2	CNC ON
RELAY	94.82+55.32	1	FINDER	KR3	DRV ENA.2
RELAY	95.75+44.52S	1	FINDER	KR4	S/COOLANT ALARM
TIMER	RE8RB 11BU	1	TE	TR1	DELAY ENA
LIMIT SW	SN02 D12-502	1	EUCHNER	LS1	X AXIS LIMIT
LIMIT SW	SN02 D12-502	1	EUCHNER	LS2	Y AXIS LIMIT
LIMIT SW	SN02 D12-502	1	EUCHNER	LS3	Z AXIS LIMIT
LIMIT SW	XCSTE7311+ XCS Z11	1	TE	LS5	DOOR LOCK LIMIT
POWER SUPPLY	S-200-24V	1	M/W		DC POWER
P.B SW	XB5-AW33B5	1	TE	HPB1	POWER ON
P.B SW	XB5-AW33B5	1	TE	HPB2	POWER OFF
P.B SW	XB5-AA31	1	TE	PB7	M / TOOL UNCLAMP
SELECTOR SW	ZB5AD2+ZB5 -AZ101	1	TE		WORK LAMP
SELECTOR SW	ZB5AD2+ZB5 -AZ101	1	TE	SW1	M / COOL ANT
P.B SW	01P-RM40.Q1 P+V	1	META	PB1	MAG CW
P.B SW	01P-RM40.Q1 P+V	1	META	PB2	MAG CCW
P.B SW	01P-RM40.Q1 P+V	1	META	PB3	MAG HOME

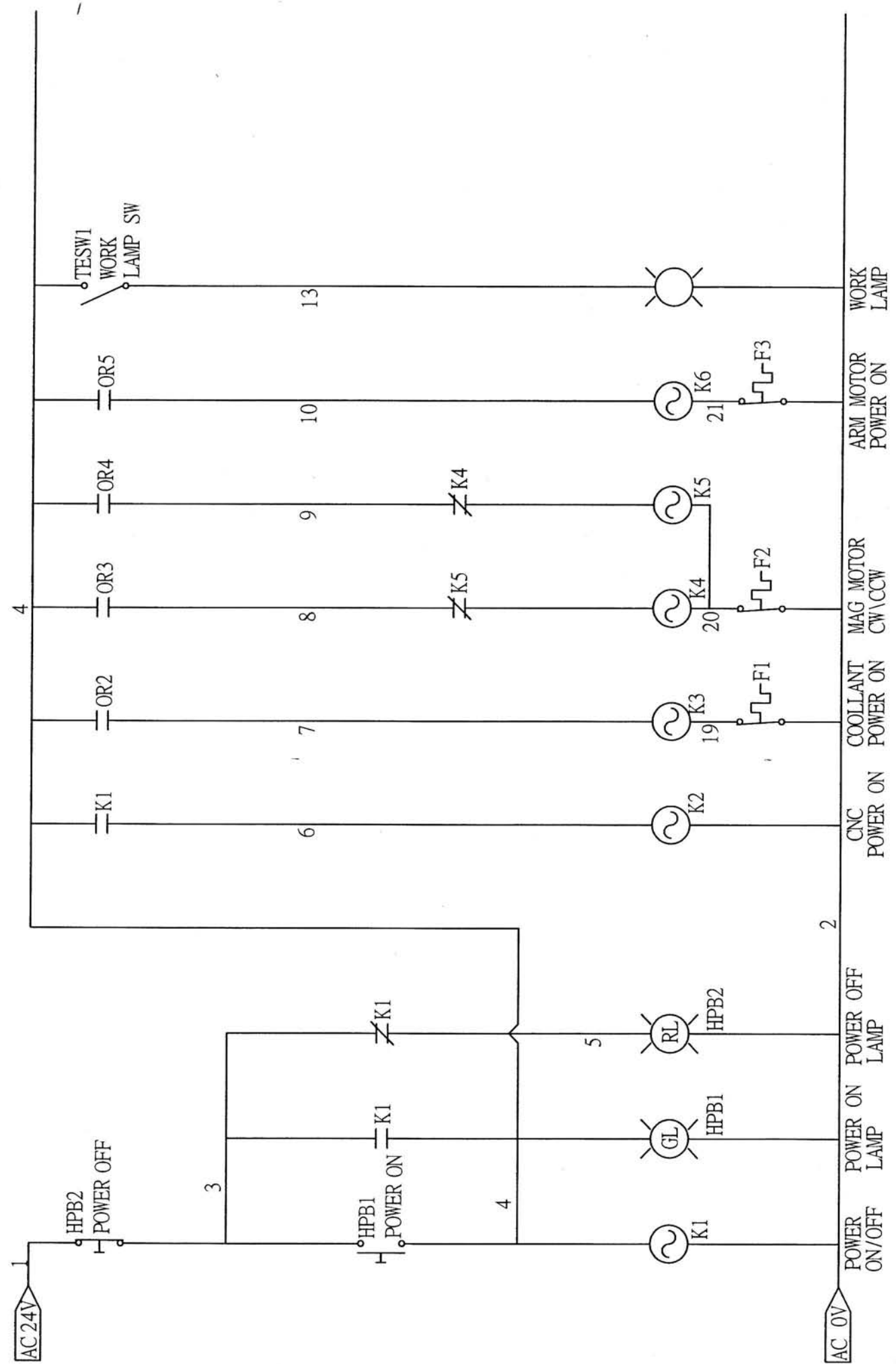
P.B SW	01P-RM40.Q1 P+R	1	META	PB4	MAG S.C
P.B SW	01P-RM40.Q1 P+Y+L24	1	META	PB5	DOOR RELEASE
P.B SW	01P-RA40.Q1 P+W+L24	1	META	PB6	AUTO OFF
P.B SW	01P-RM40.Q1 P+V	1	META	PB8	TABLE BLAST
P.B SW	01P-RA40.Q1 P+R+L24	1	META	PB10	M01
P.B SW	01P-RA40.Q1 P+R+L24	1	META	PB11	BLOCK SKIP
P.B SW	01P-RA40.Q1 P+B	1	META	PB12	O . T RELEASE
P.B SW	01P-RM40.Q1 P+R	1	META	PB13	CHIP CONVEYOR STOP
P.B SW	01P-RM40.Q1 P+G+L24	1	META	PB14	CHIP CONVEYOR CW
P.B SW	01P-RM40.Q1 P+G+L24	1	META	PB15	CHIP CONVEYOR CCW
PCB	REV:C	1	JIN DOER		
FLASH LAMP	TPWL-24L-2	1	TEND		M30+ALARM LAMP

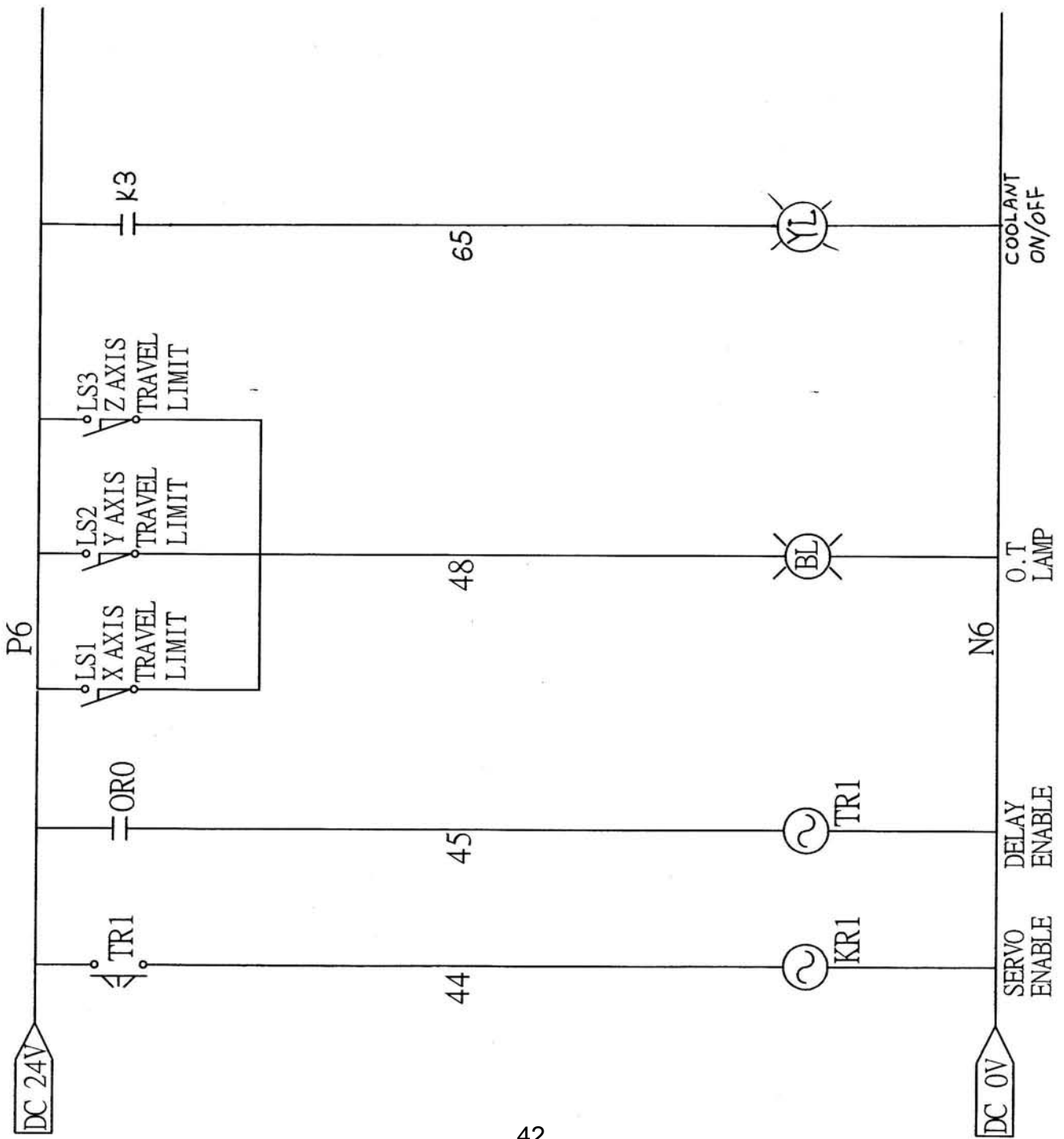
ACER-L

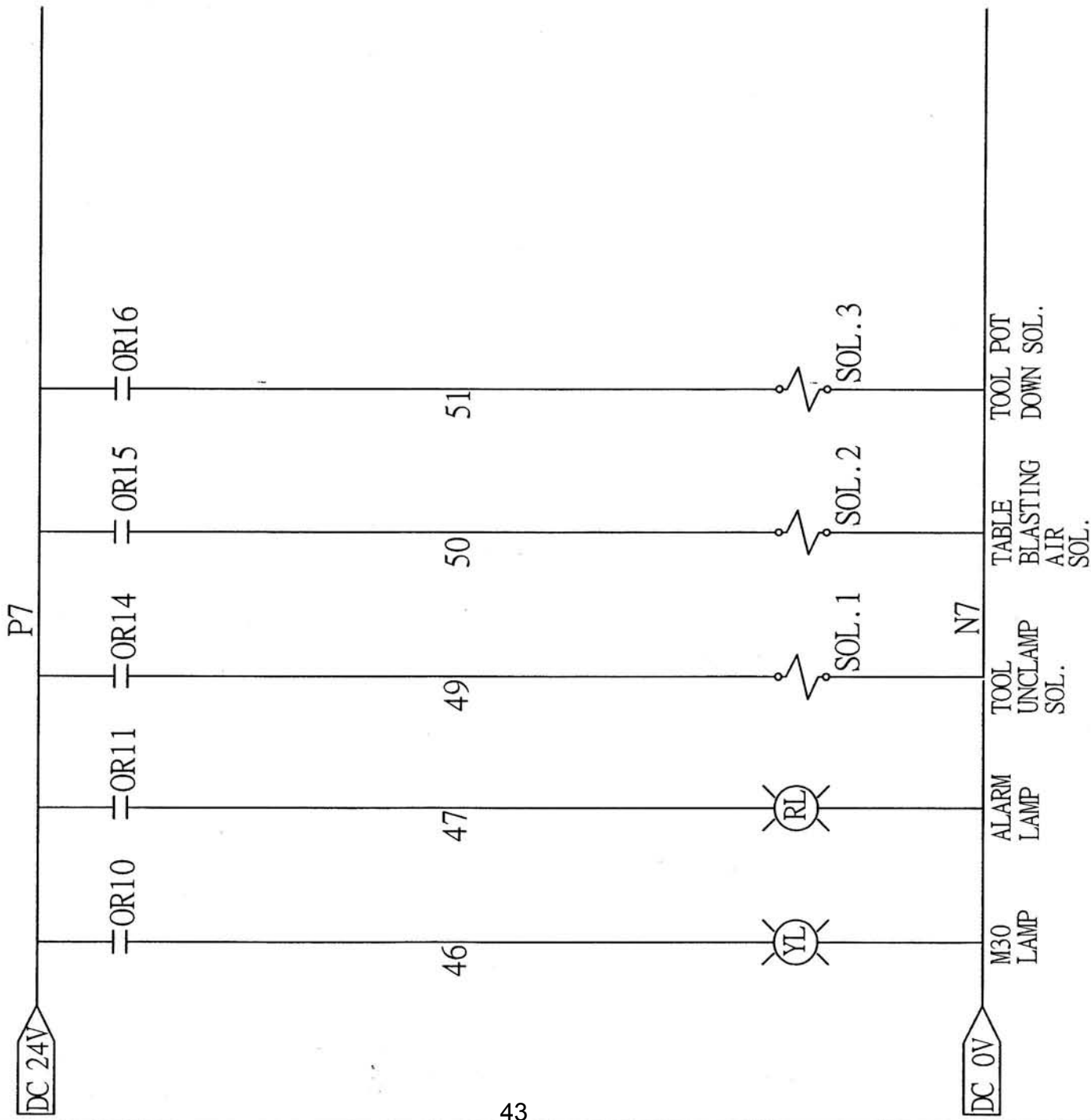




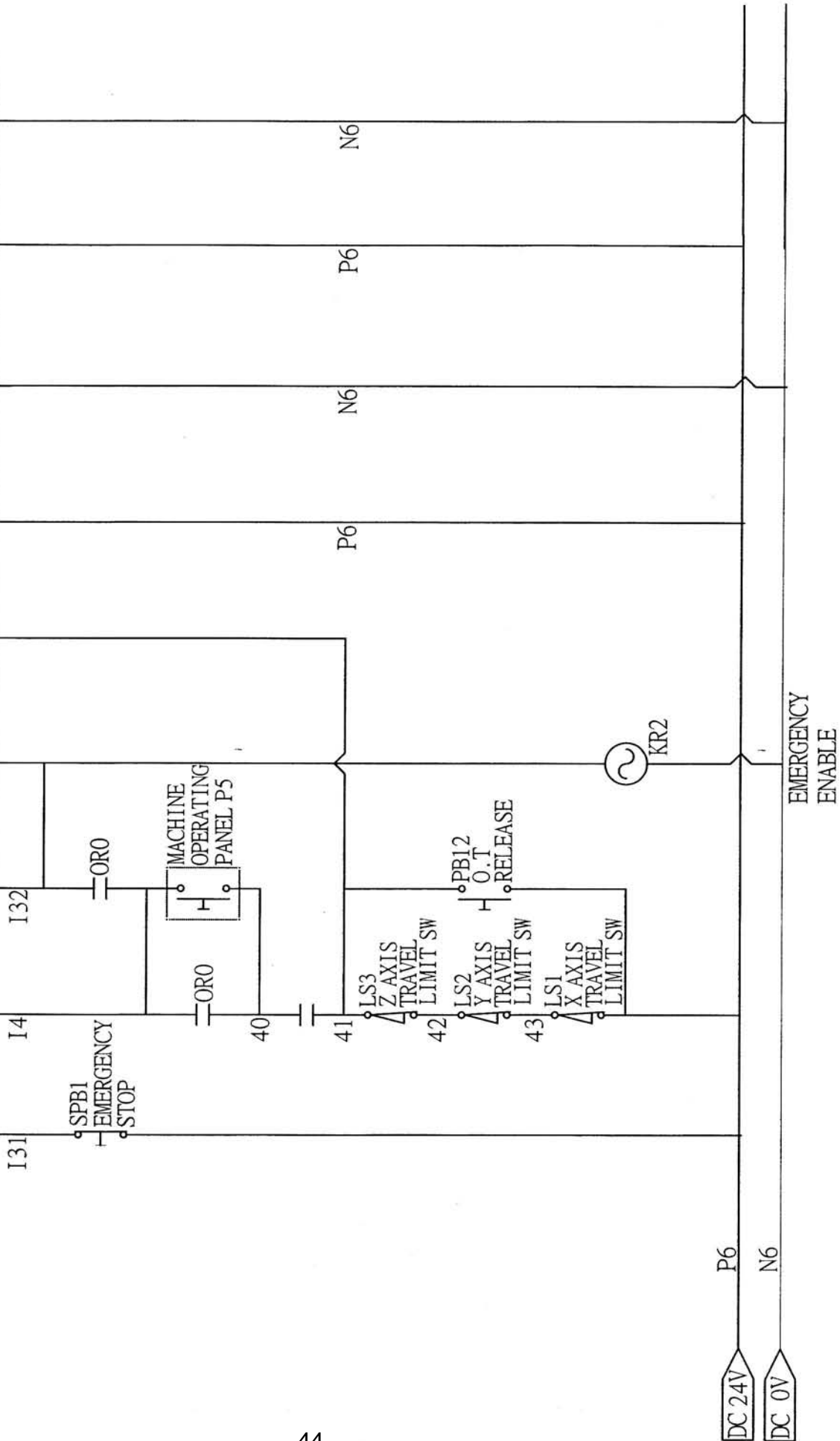


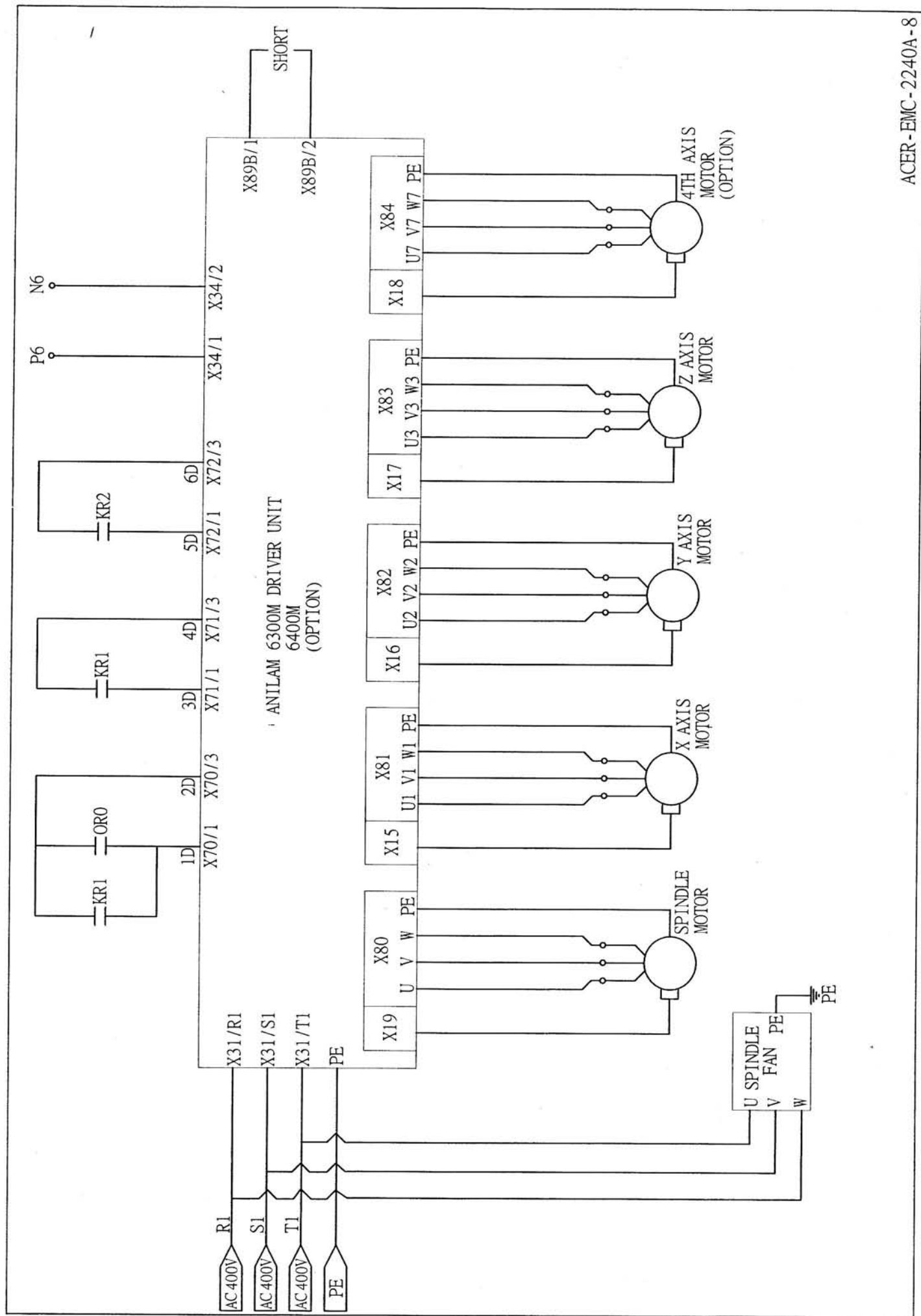






INTERFACE	X42 (INPUT PORT)				X44-CONNECTOR	X34-CONNECTOR
	ADDRESS	X0.3	X0.30	X0.30		
CNC PIN NO.	X0.29	X42-5	X42-32	X42-33	X44-2	X34-1
	X42-31	X42-31	X42-32	X42-33	X44-3	X34-2

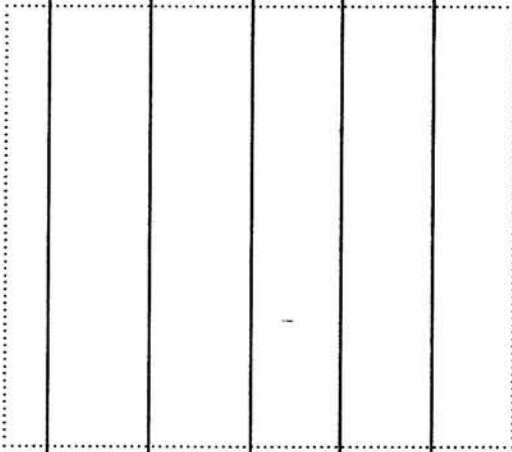




ANILAM
6300M\6400M

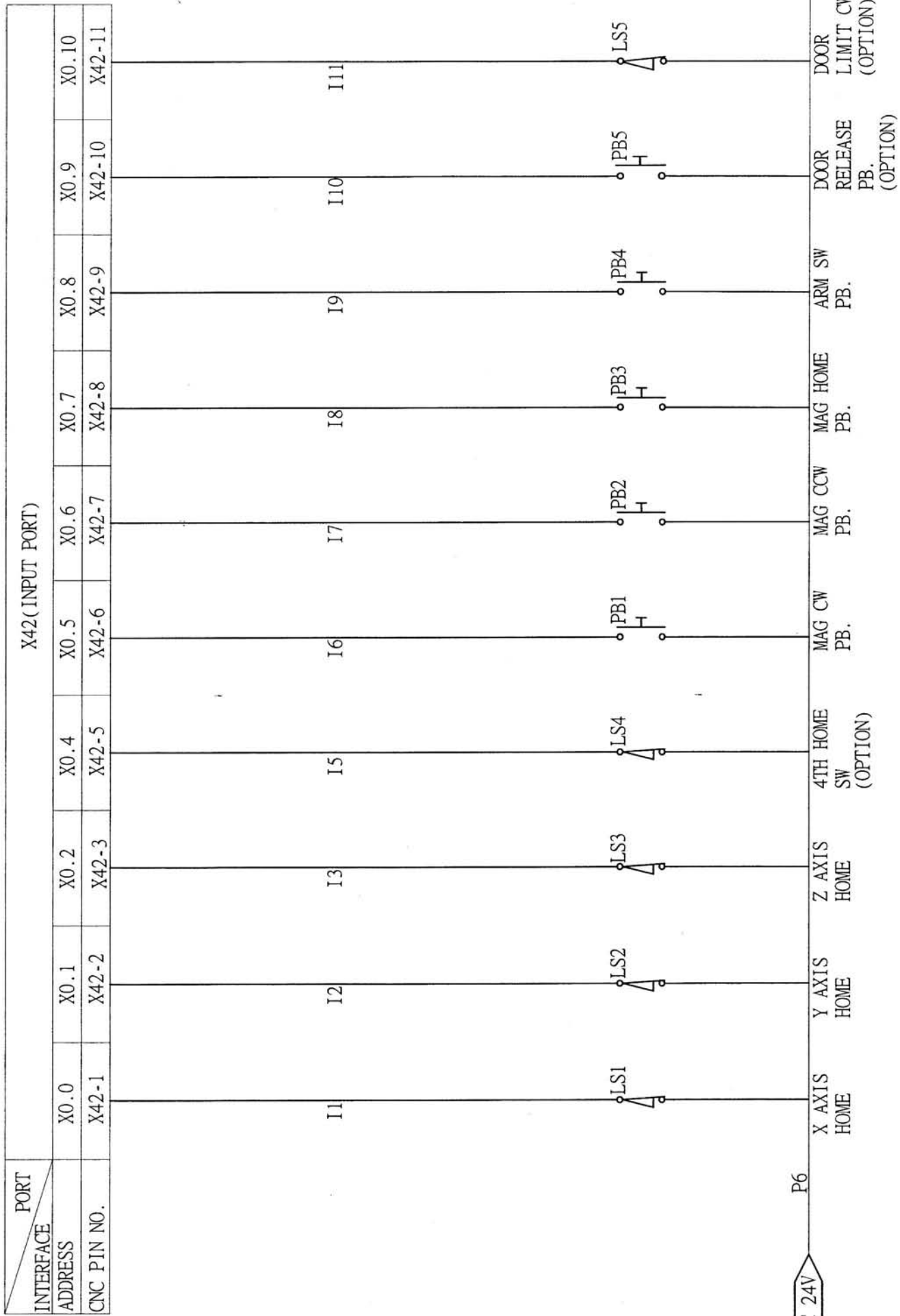
X27 (CNC SIDE)
9-PIN

(2)
(3)
(4)
(5)
(6)

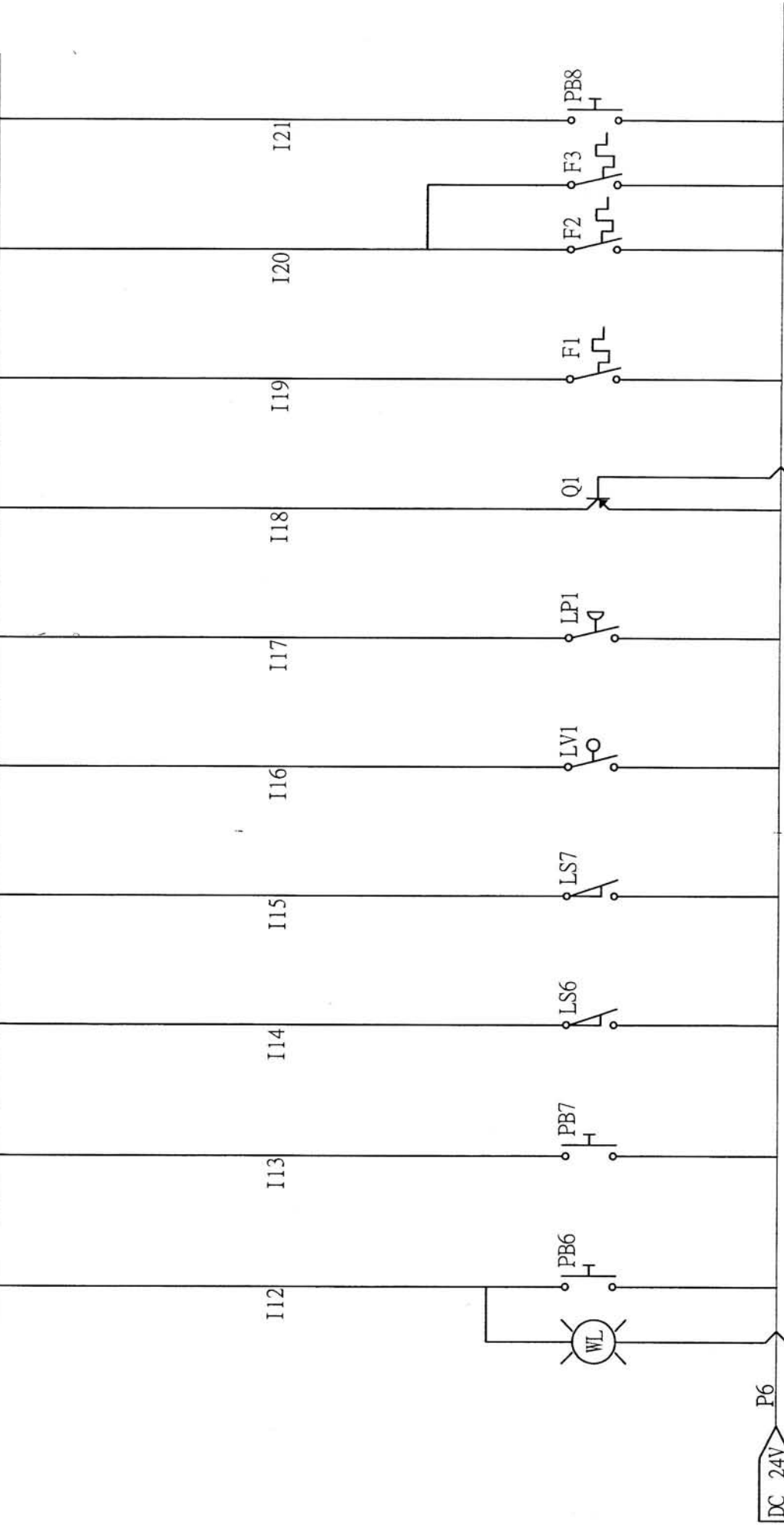


RS-232
25-PIN

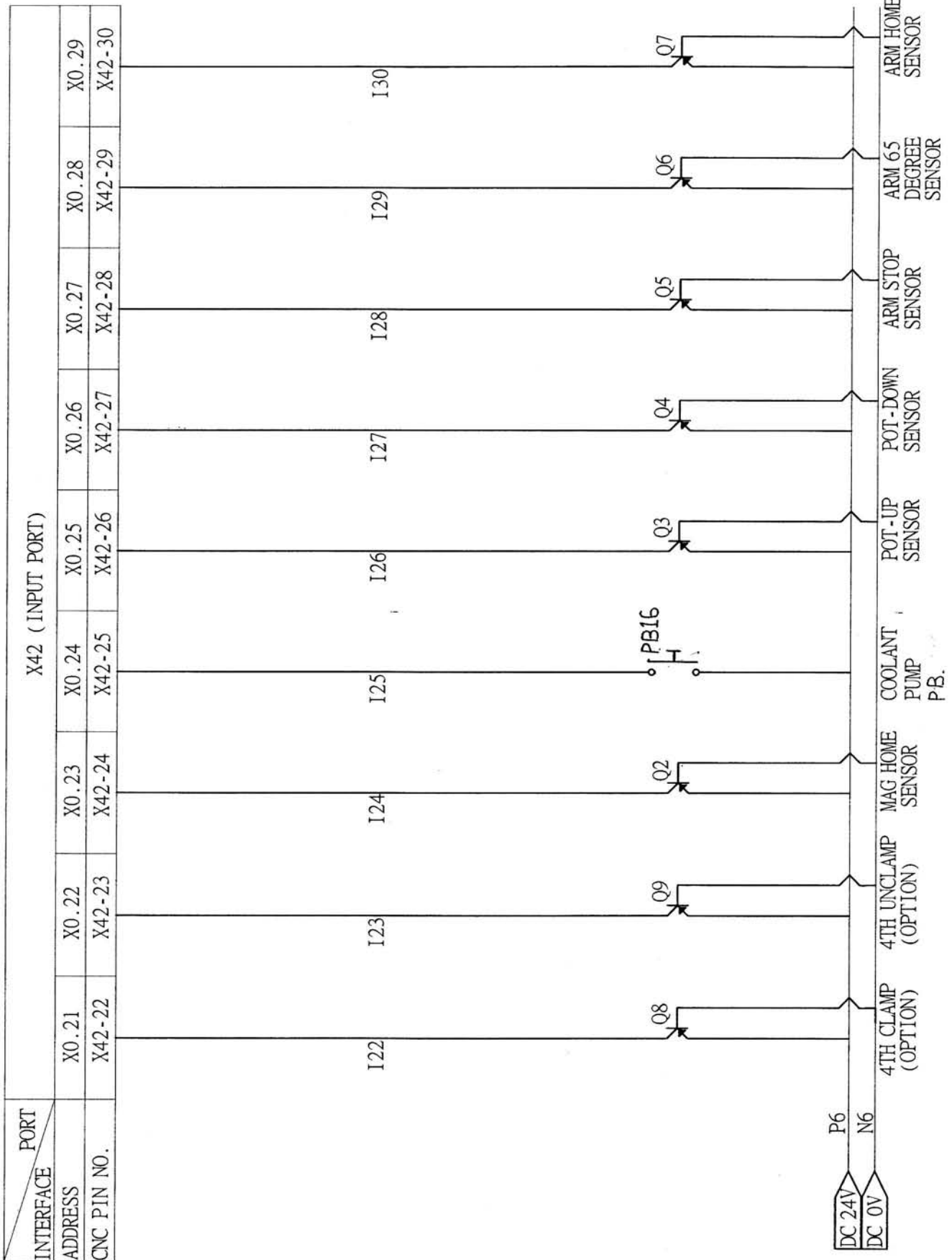
(2)
(3)
(6)
(7)
(20)



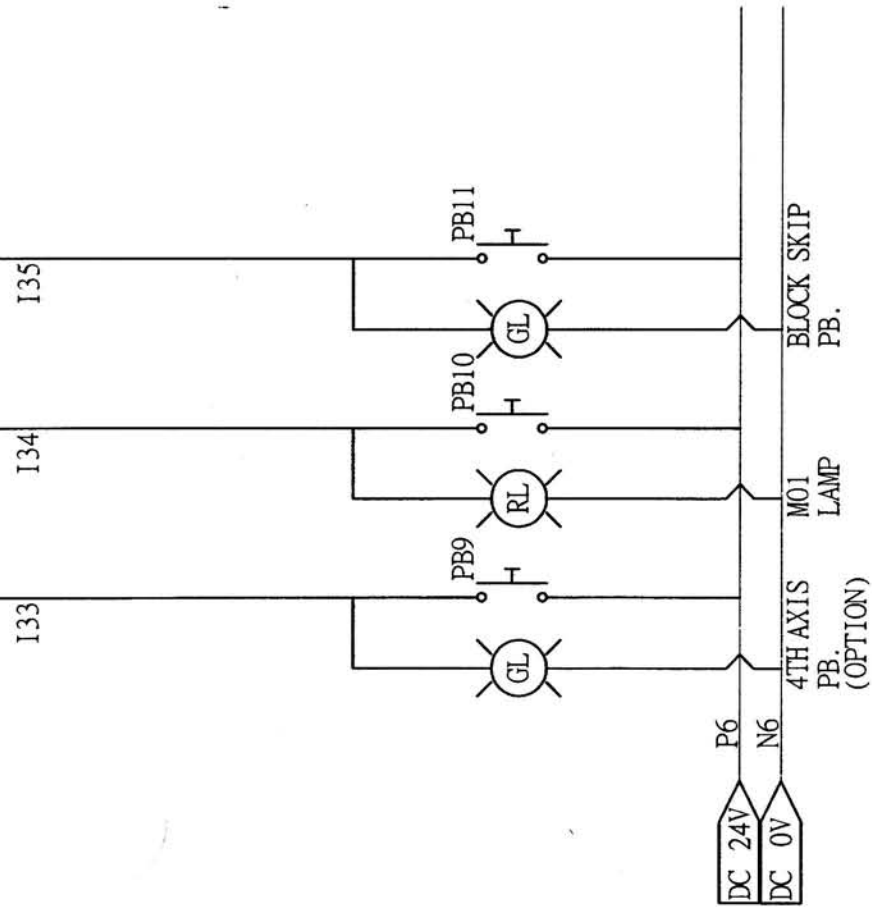
PORT		X42 (INPUT PORT)									
INTERFACE	ADDRESS	X0.11	X0.12	X0.13	X0.14	X0.15	X0.16	X0.17	X0.18	X0.19	X0.20
CNC PIN NO.		X42-12	X42-13	X42-14	X42-15	X42-16	X42-17	X42-18	X42-19	X42-20	X42-21



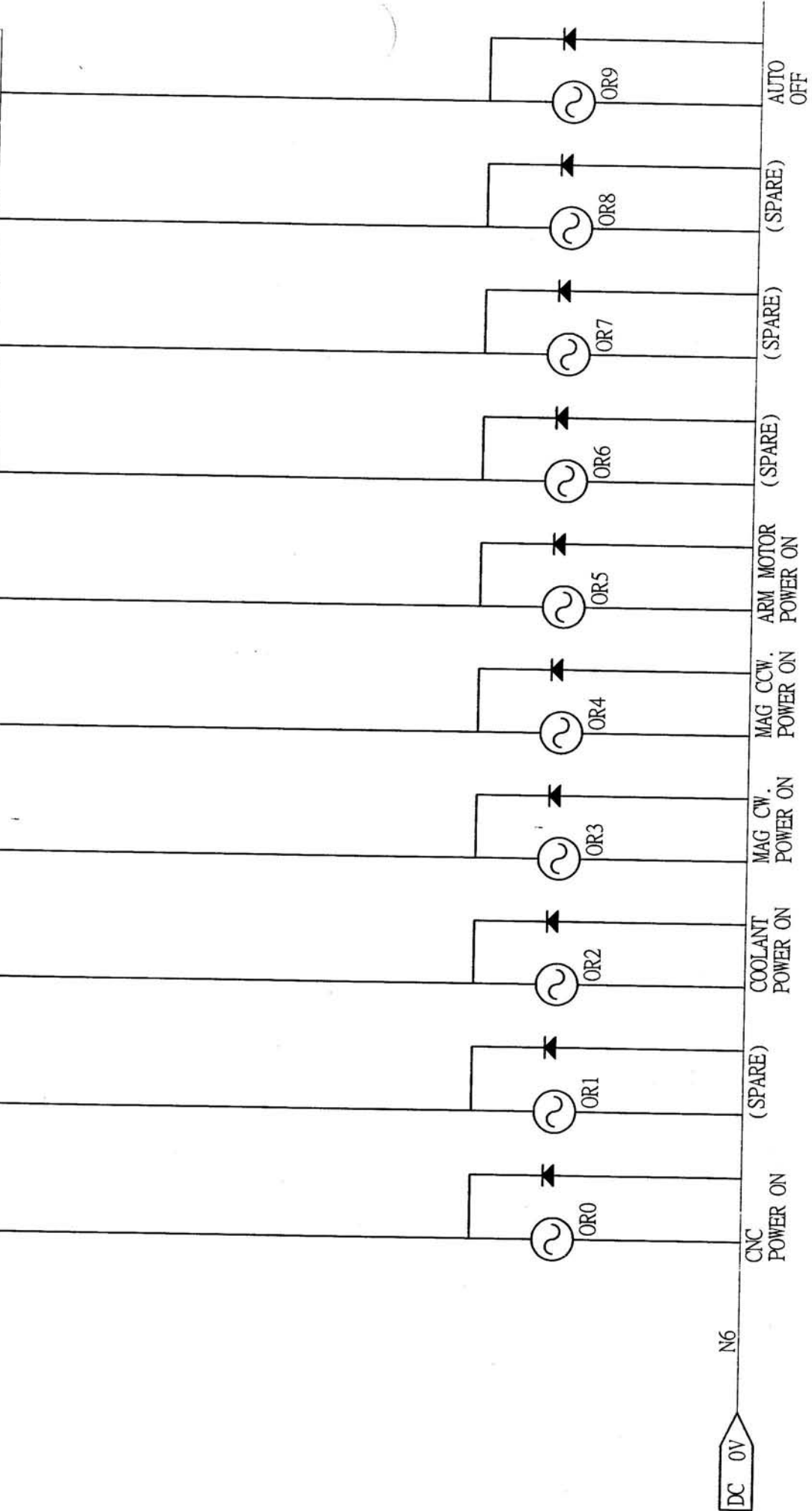
DESCRIPTION	DESCRIPTION	DESCRIPTION	DESCRIPTION	DESCRIPTION	DESCRIPTION	DESCRIPTION	DESCRIPTION	DESCRIPTION	DESCRIPTION	DESCRIPTION
AUTO POWER OFF PB.	TOOL UNCLAMP PB.	TOOL UNCLAMP LIMIT SW	TOOL CLAMP LIMIT SW	LUBRICATION LOW OIL ALARM	AIR PRESSURE	MAG COUNTER SENSOR	COOLANT MOTOR OVERLOAD	MAG ARM MOTOR OVERLOAD	TABLE BLAST AIR PB.	

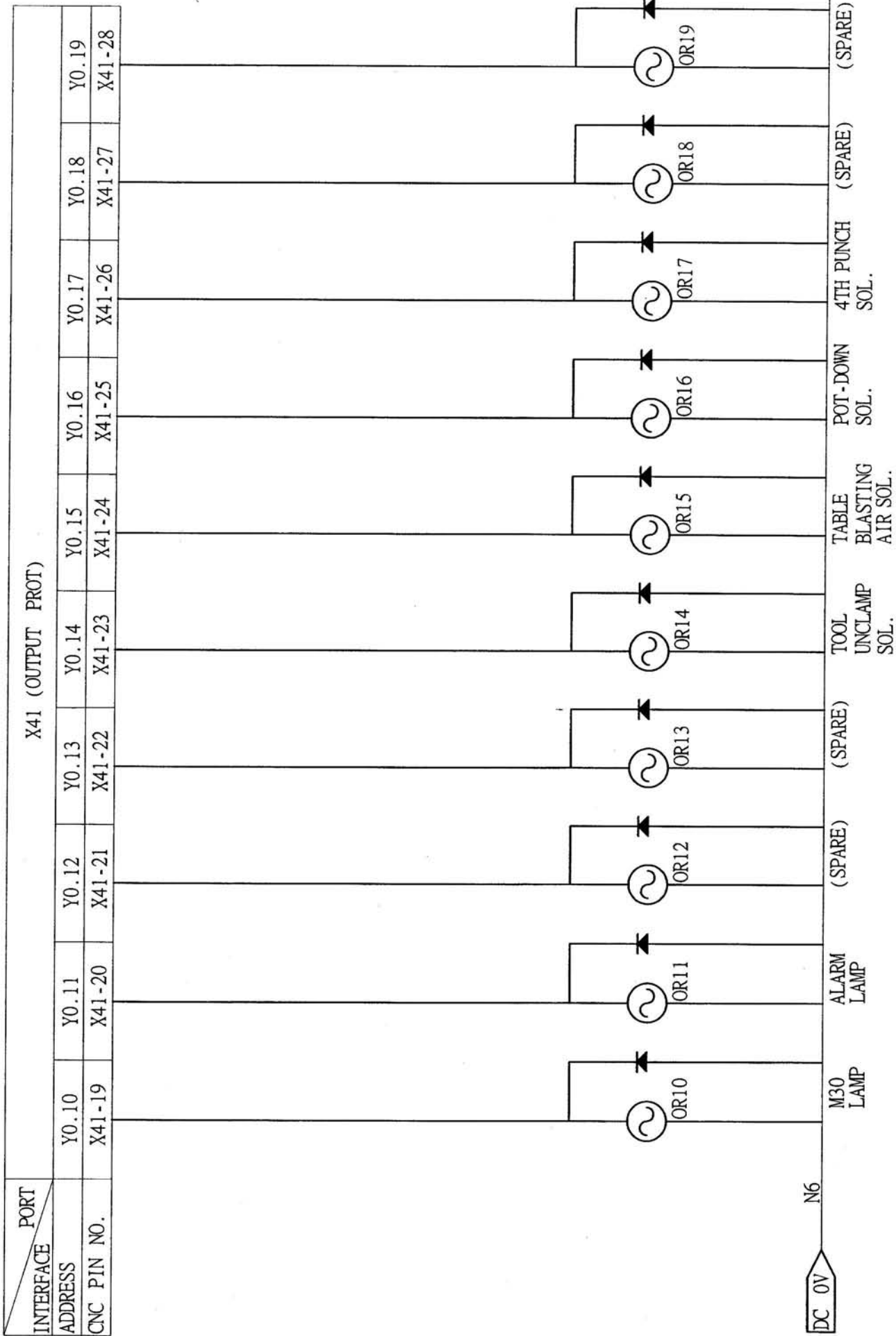


INTERFACE	PLN (INPUT PORT)		
ADDRESS	X0.122	X0.123	X0.124
CNC PIN NO.	P4-3	P4-4	P4-5



PORT		X41 (OUTPUT PORT)									
INTERFACE	ADDRESS	Y0.0	Y0.1	Y0.2	Y0.3	Y0.4	Y0.5	Y0.6	Y0.7	Y0.8	Y0.9
CNC PIN NO.		X41-9	X41-10	X41-11	X41-12	X41-13	X41-14	X41-15	X41-16	X41-17	X41-18





PROT	X41 (OUTPUT PROT)		
INTERFACE	Y0.20	Y0.21	Y0.22
ADDRESS	X40-29	X41-30	X41-31
CNC PIN NO.			

