

# JAKOBSEN

## DIAGRAM DIAGRAMM

**1185175.3**



**SJ618/824/1026/1032/1424/1432**

**STANDARD MACHINE**

SWU02+MSU01mPark (1988-1990)

**Jakobsen Planslibemaskiner ApS  
Porschevej 2  
DK-7100 Vejle Denmark**

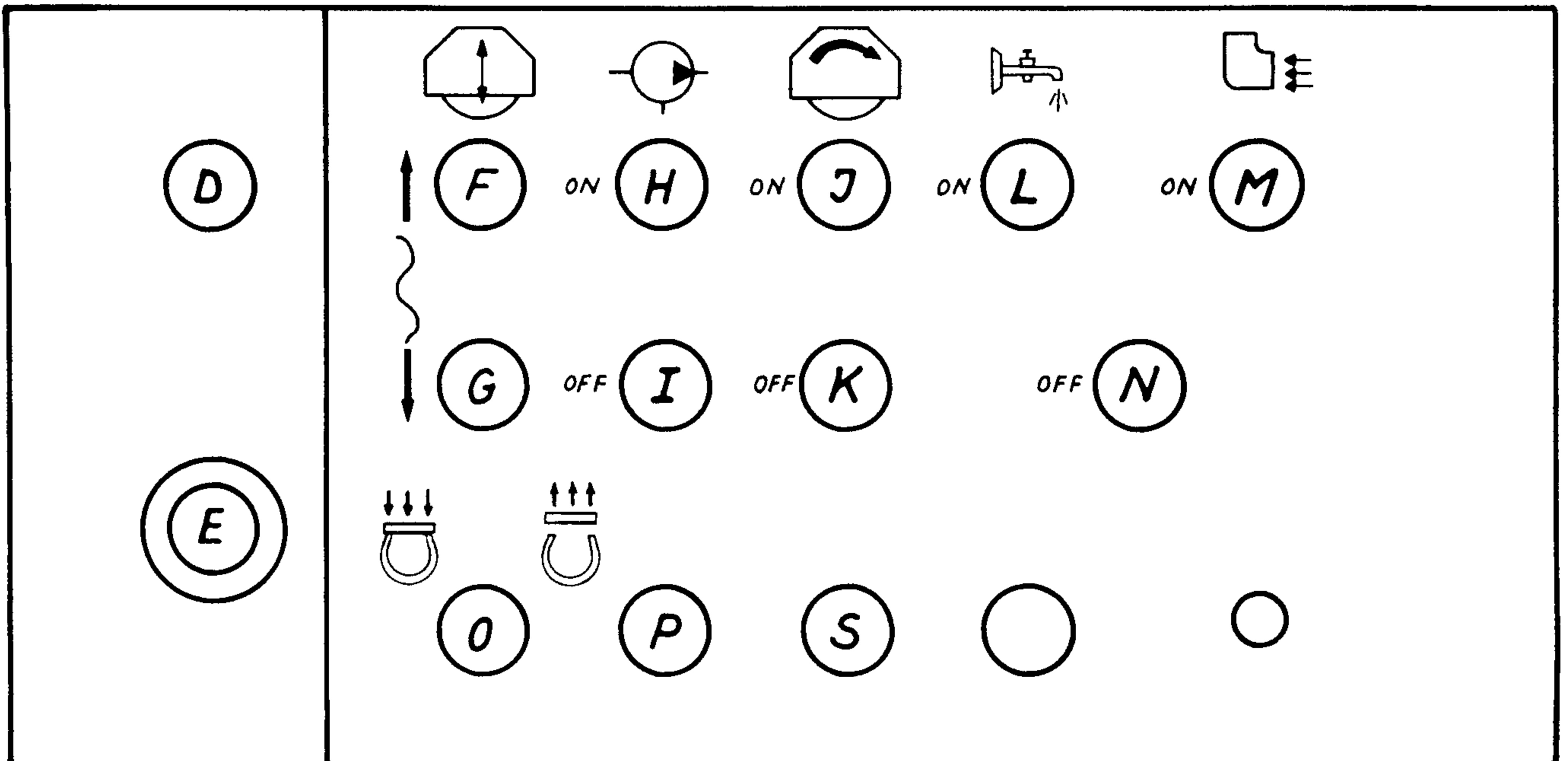
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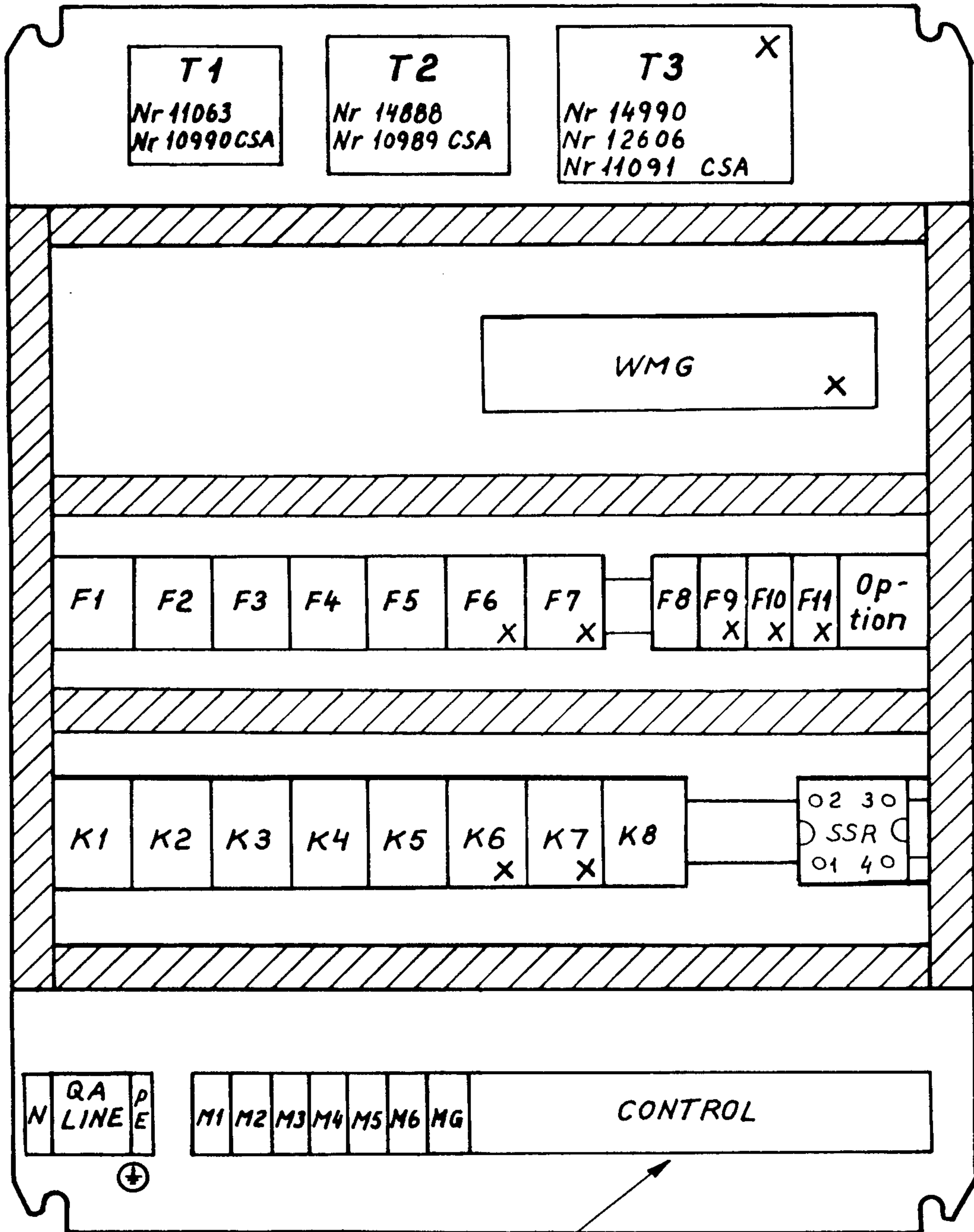
**Telephone: (+45) 36 77 62 22  
[Service@jakobsen-dk.dk](mailto:Service@jakobsen-dk.dk)**

v4

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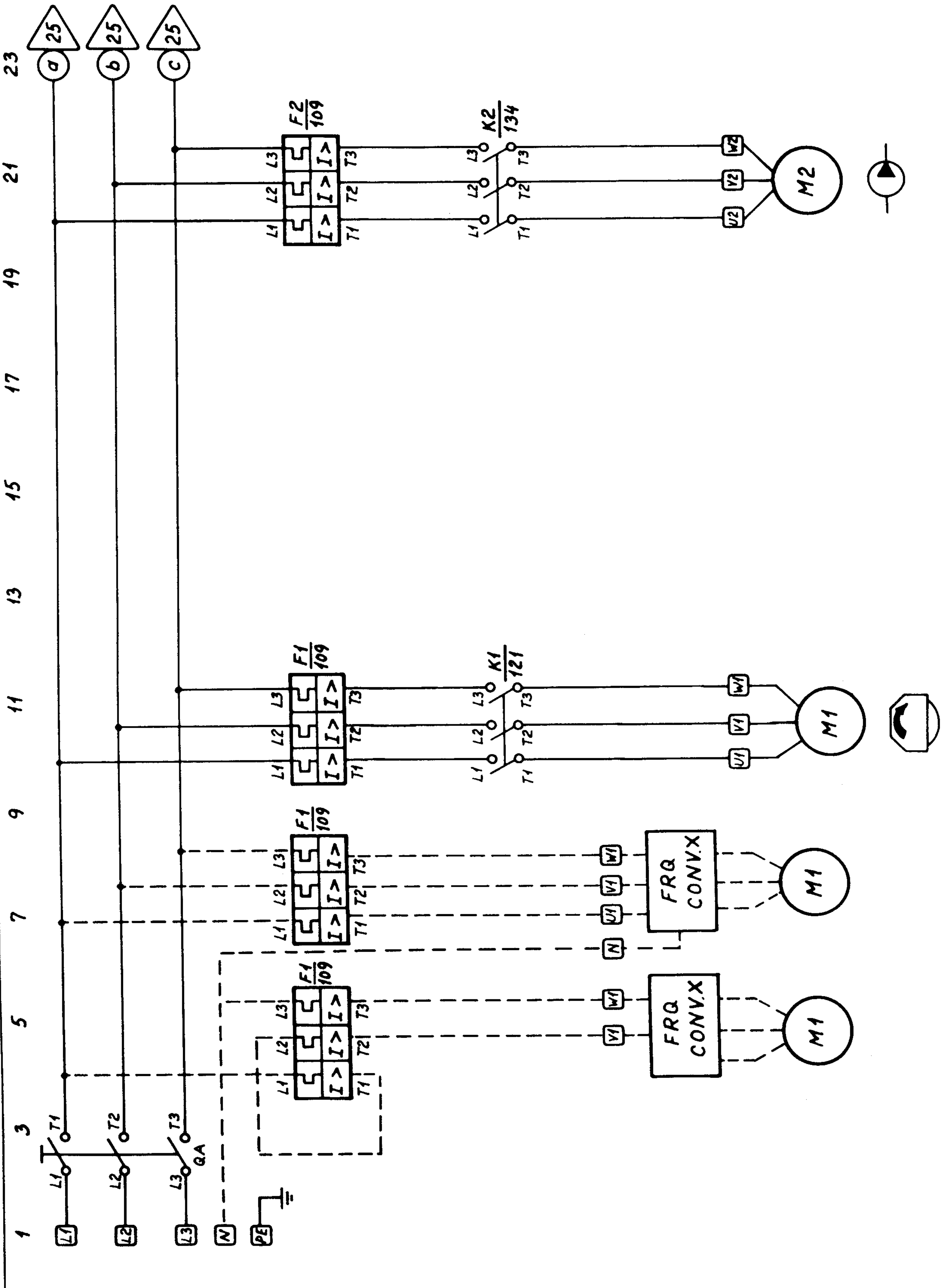
Q4x Q1 Q7x Option

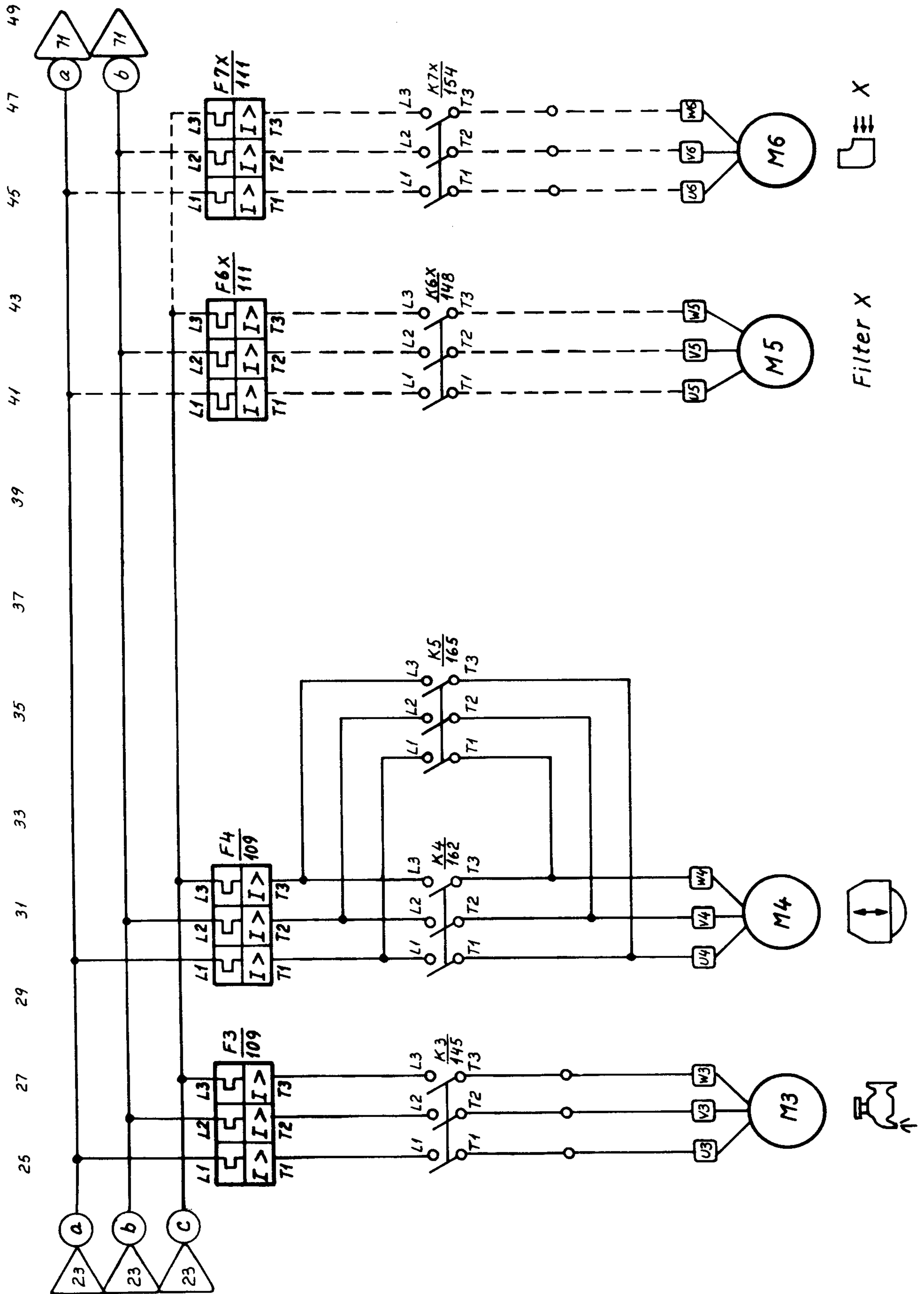
Konsol  
Console  
Konsole  
Console

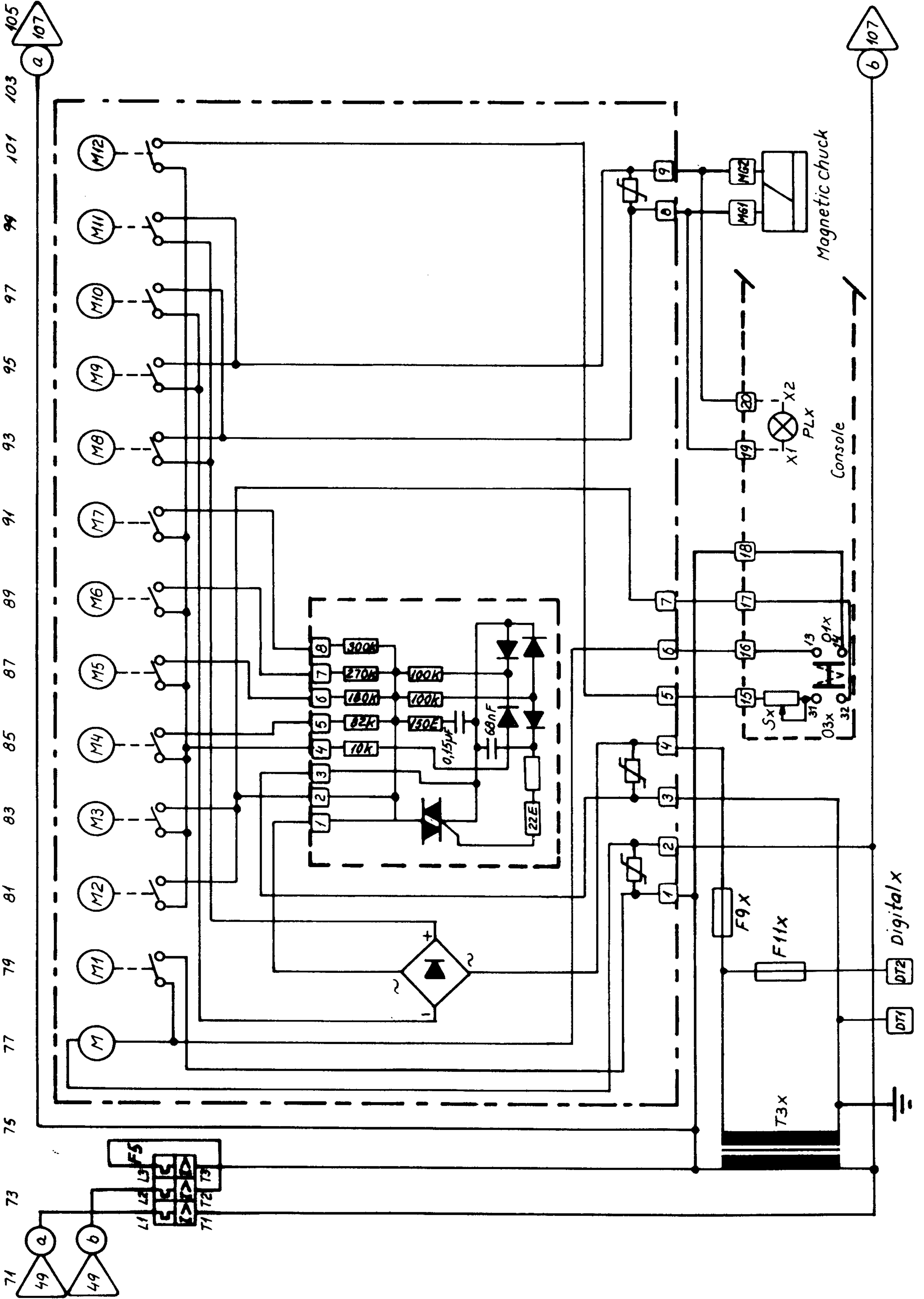
Magnetplan  
Magnetictable  
Magnetplan  
Plaque magnétique

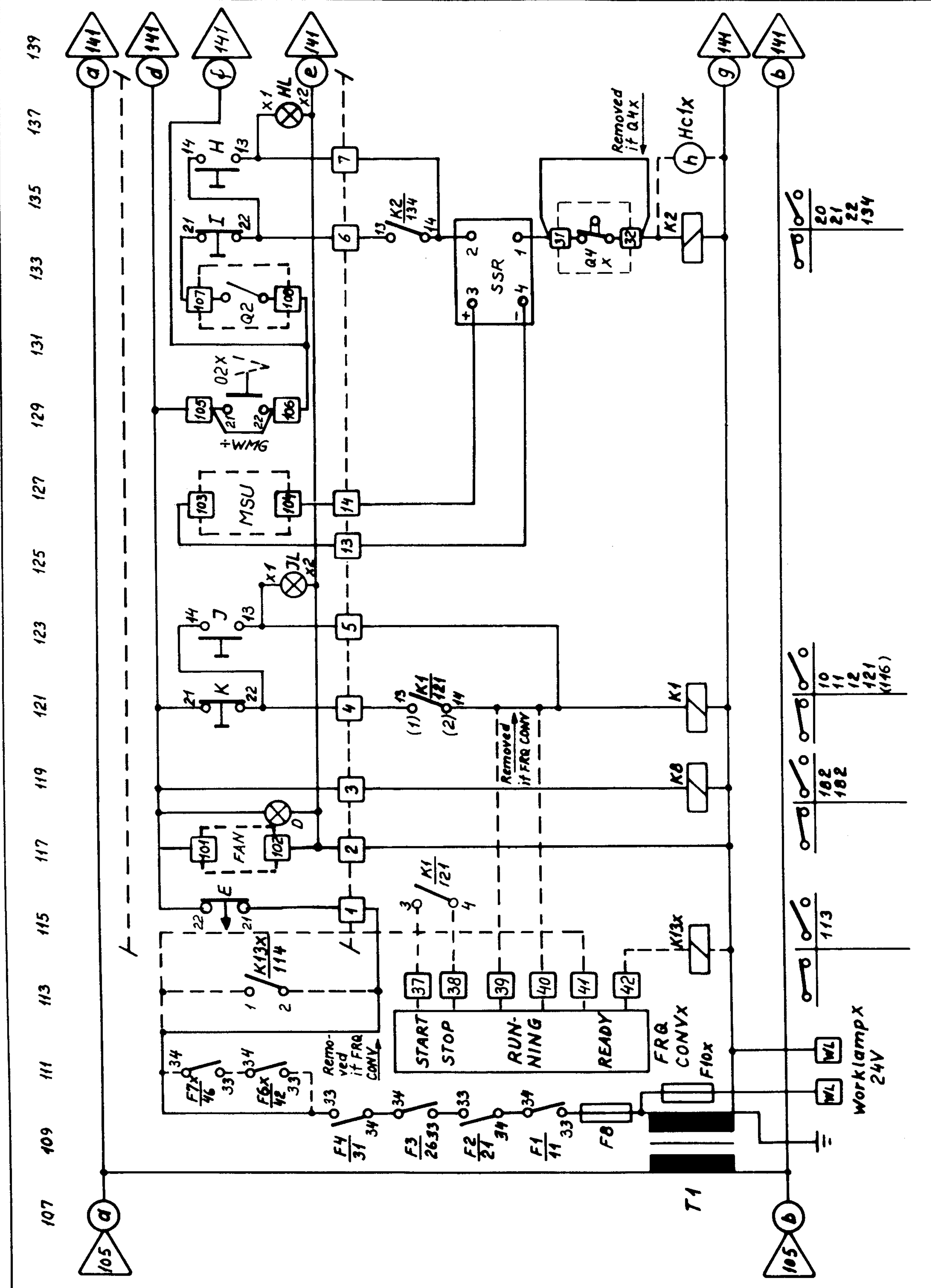
Option  
Step Motorstyring  
Stepping Motorcontrol  
Steppern Motorsteuerung  
Contrôle steppe moteur

X : Extra udstyr  
Extra equipment  
Sonder  
Special

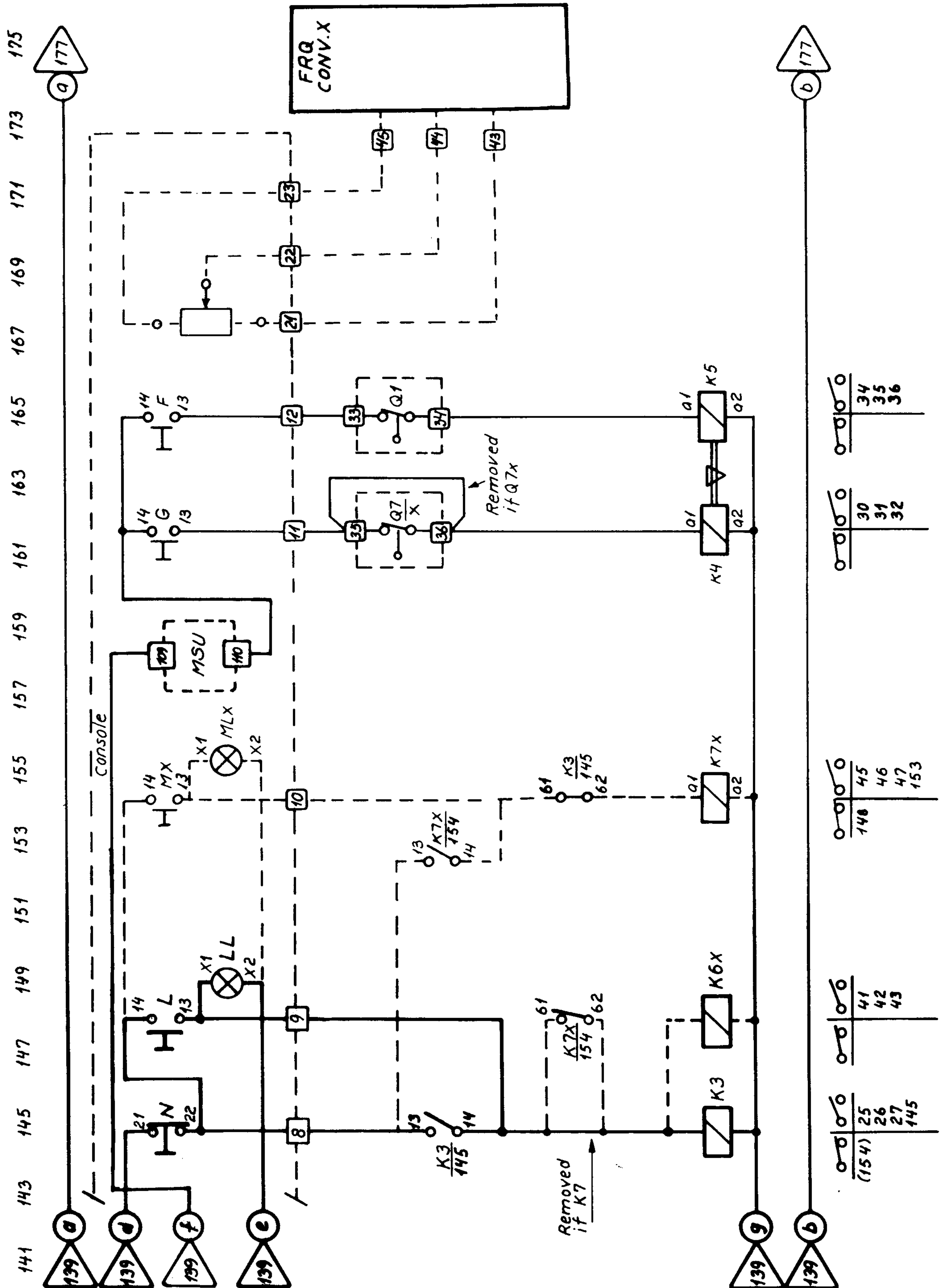


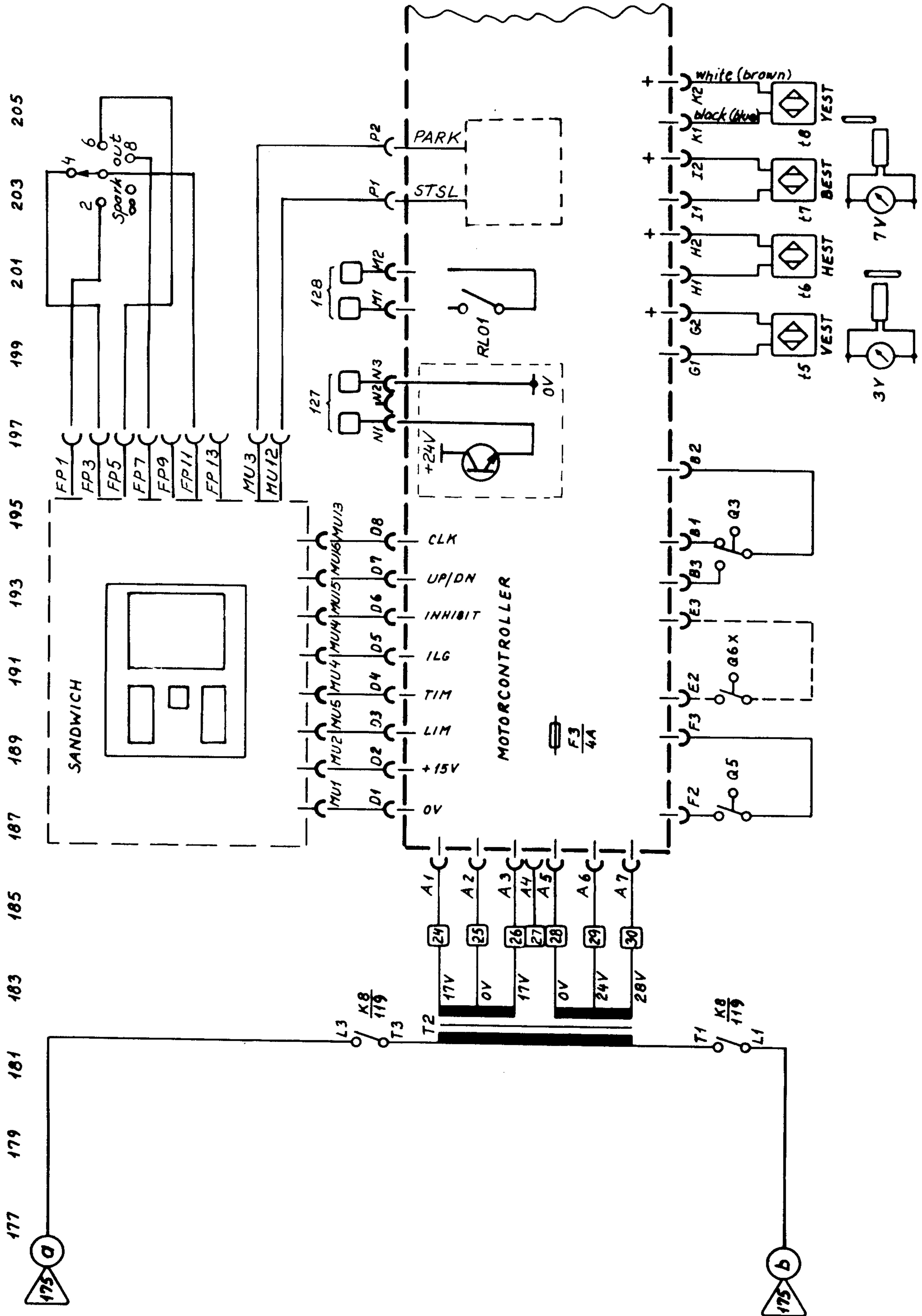












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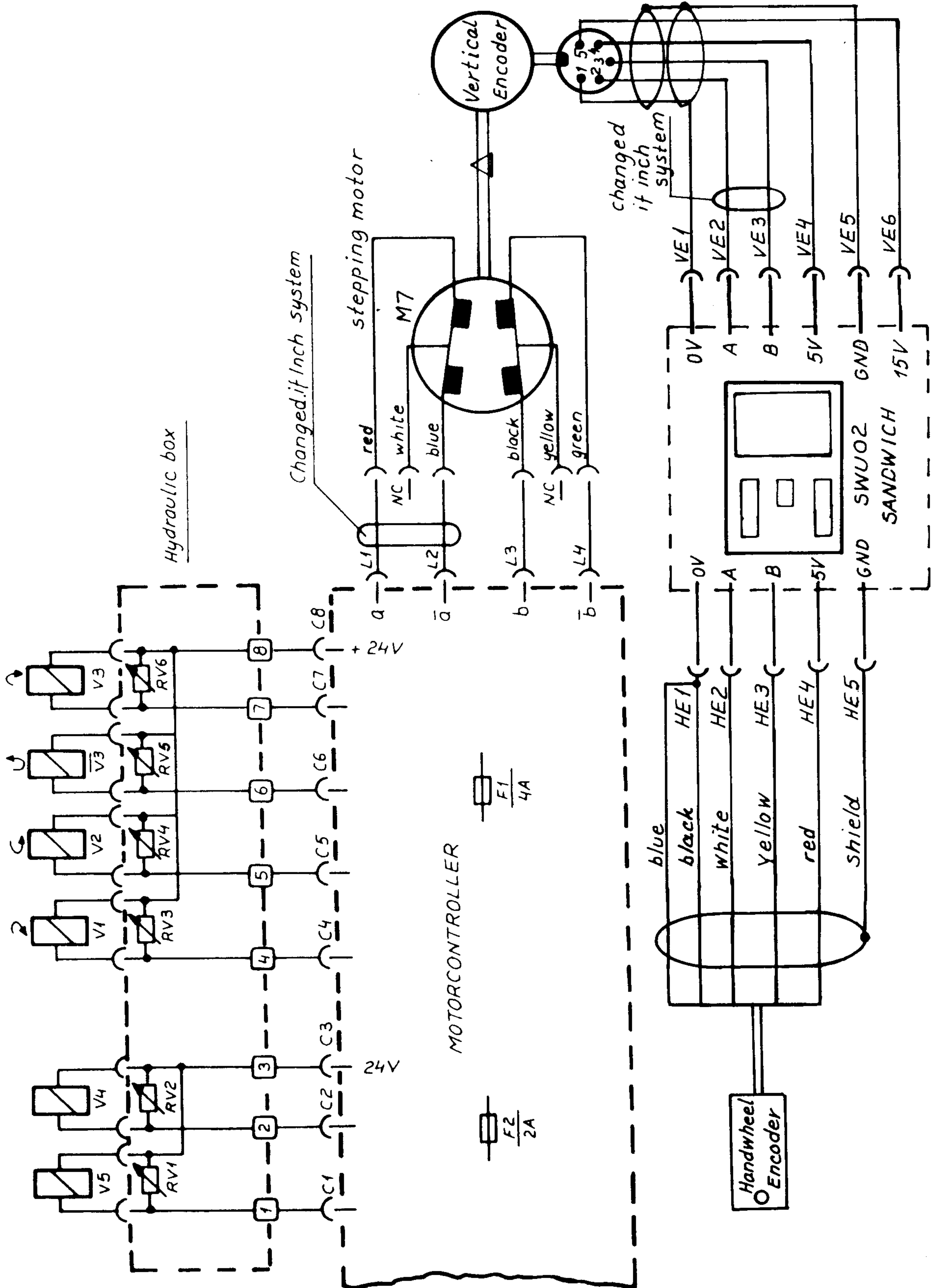
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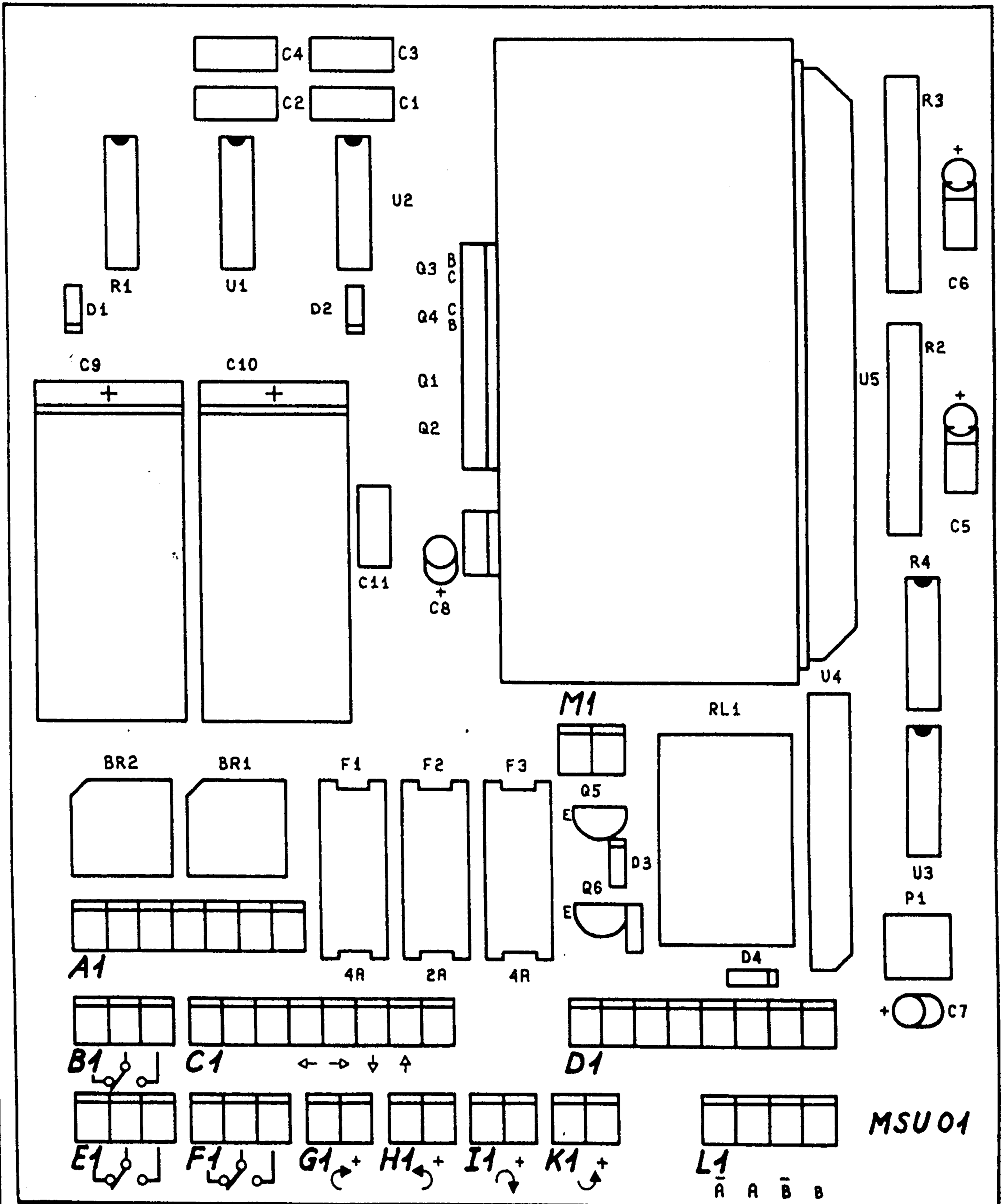
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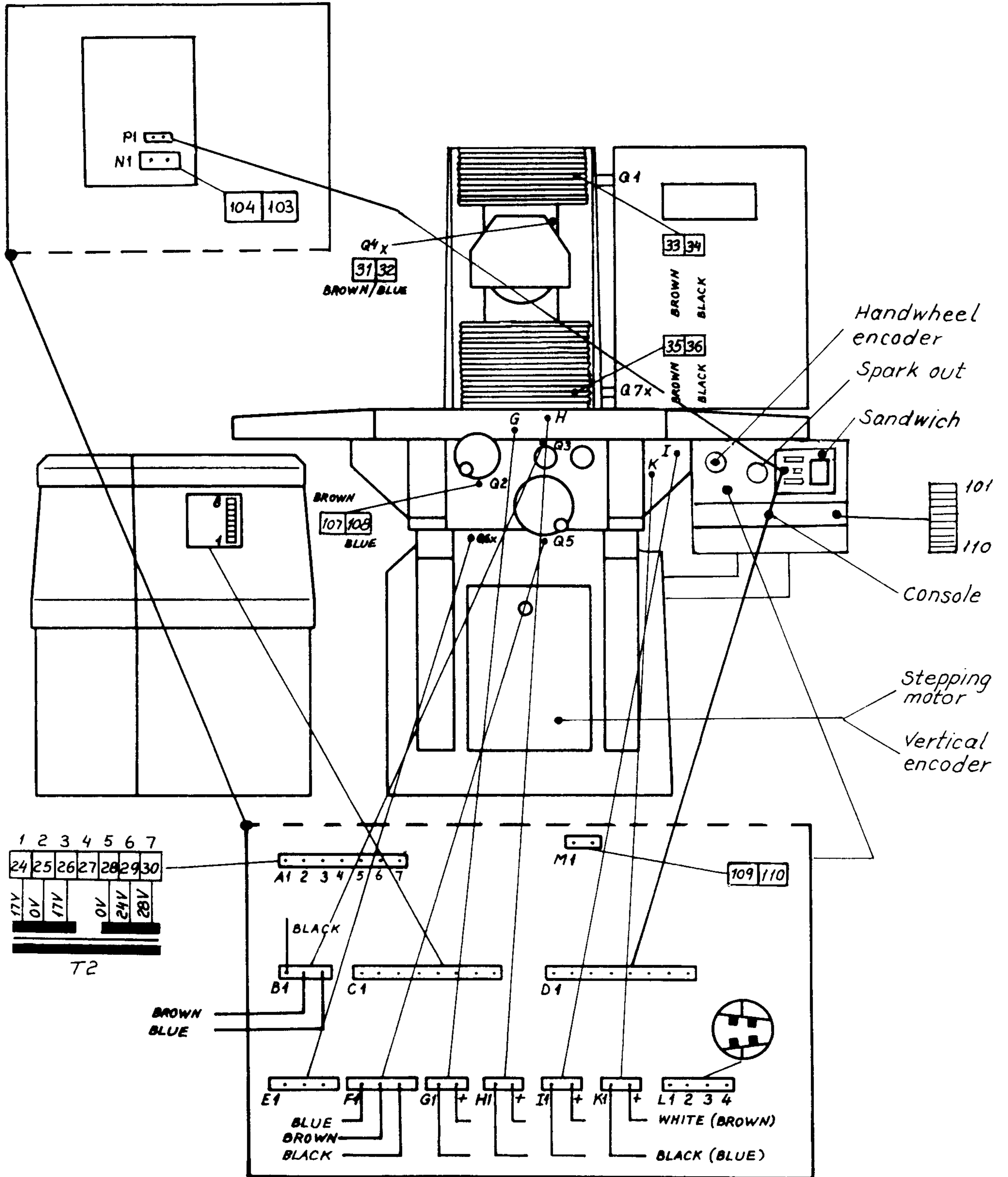
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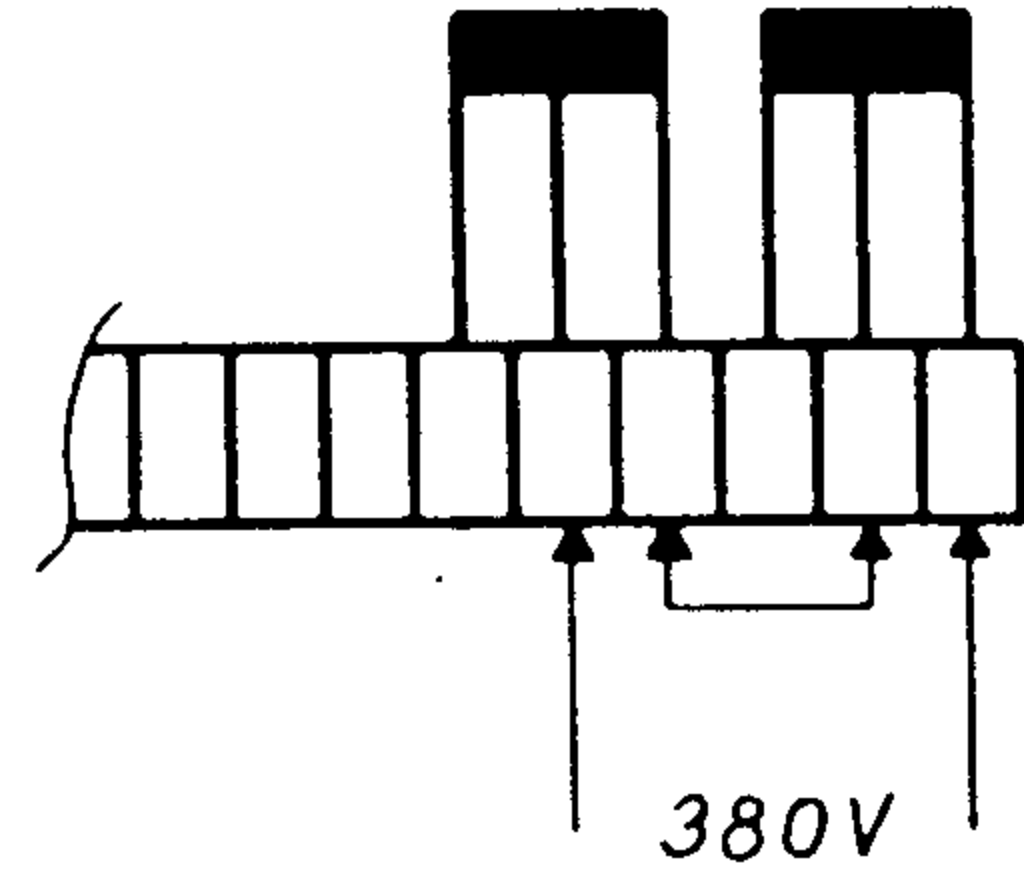
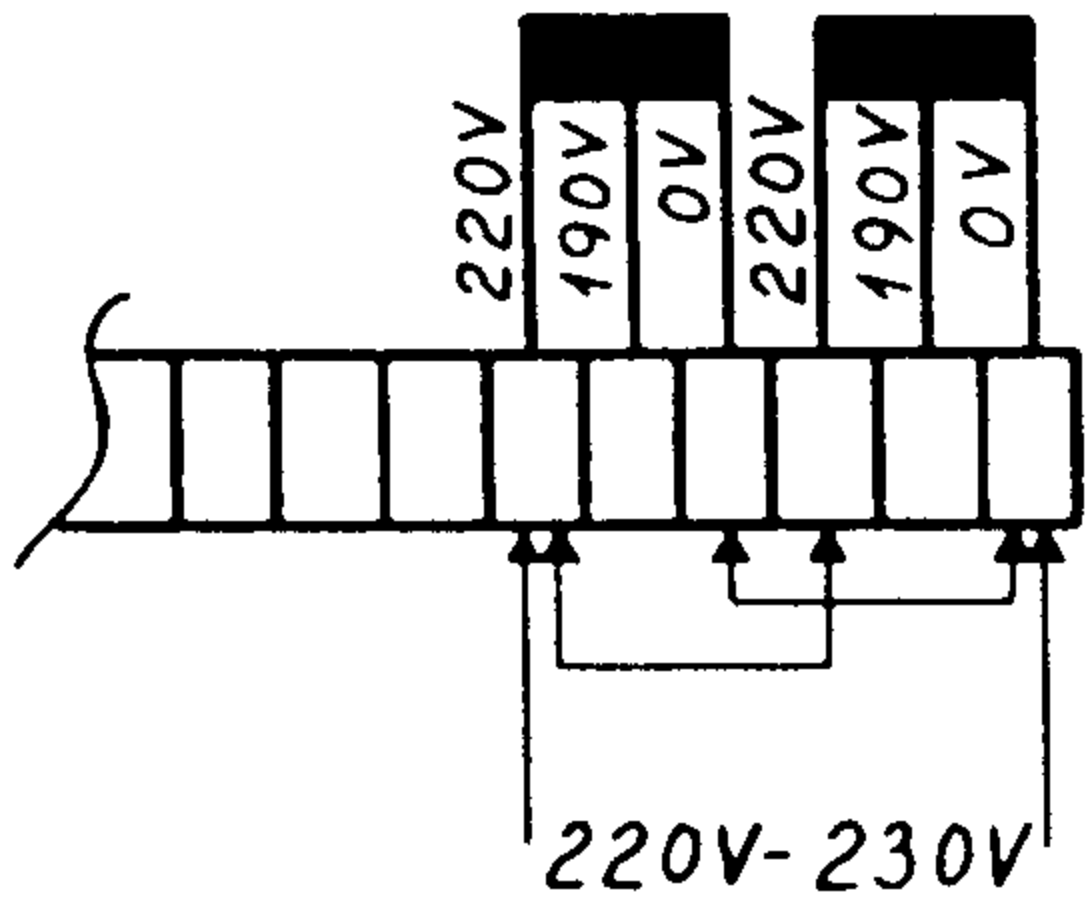
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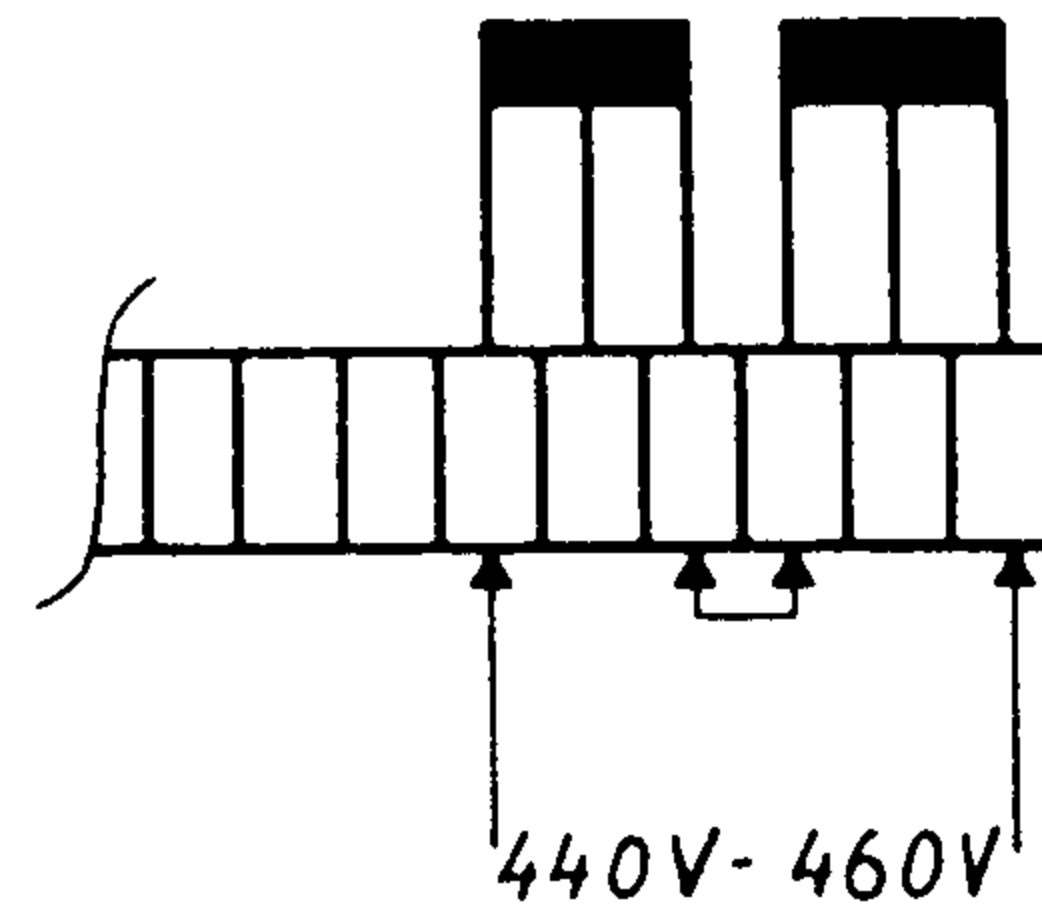
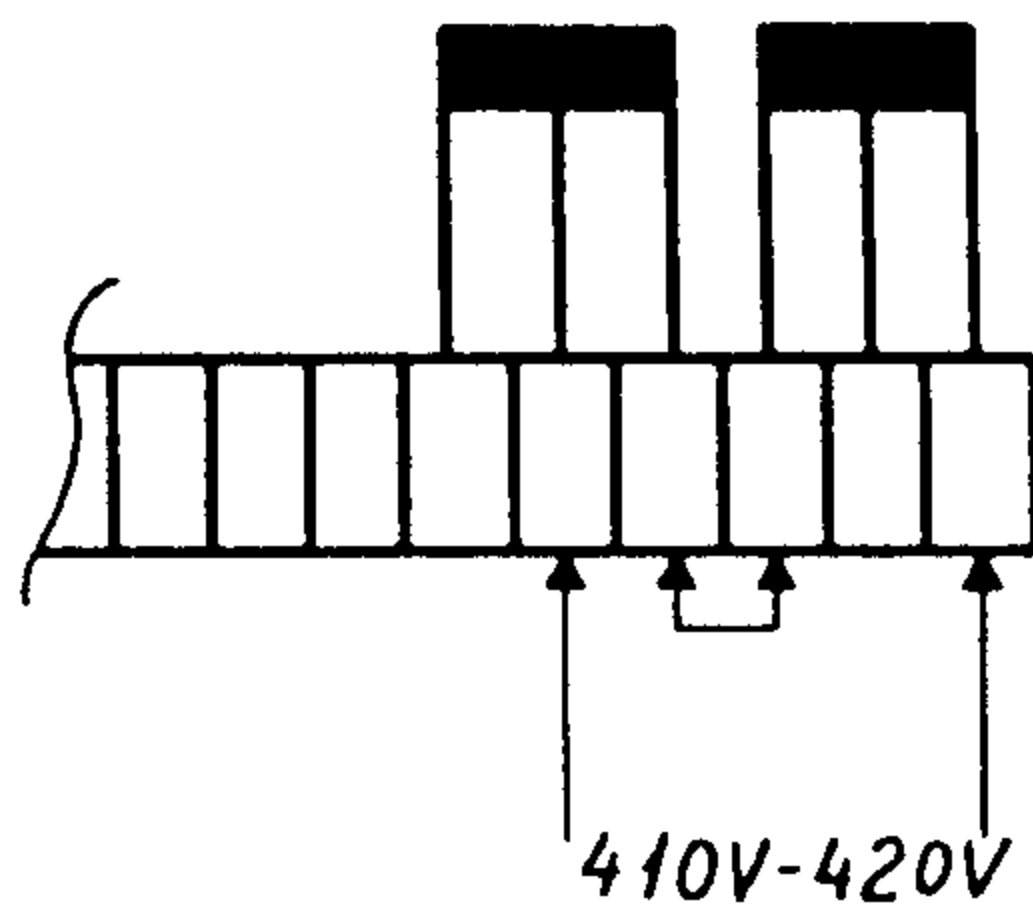




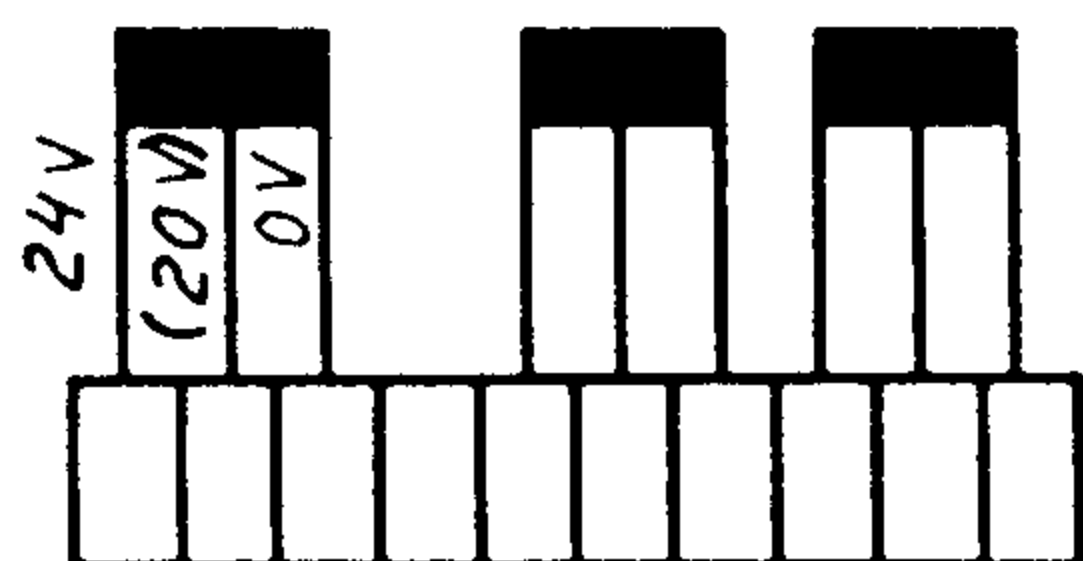




PRIMÆR  
PRIMAR  
PRIMARY  
PRIMAIR

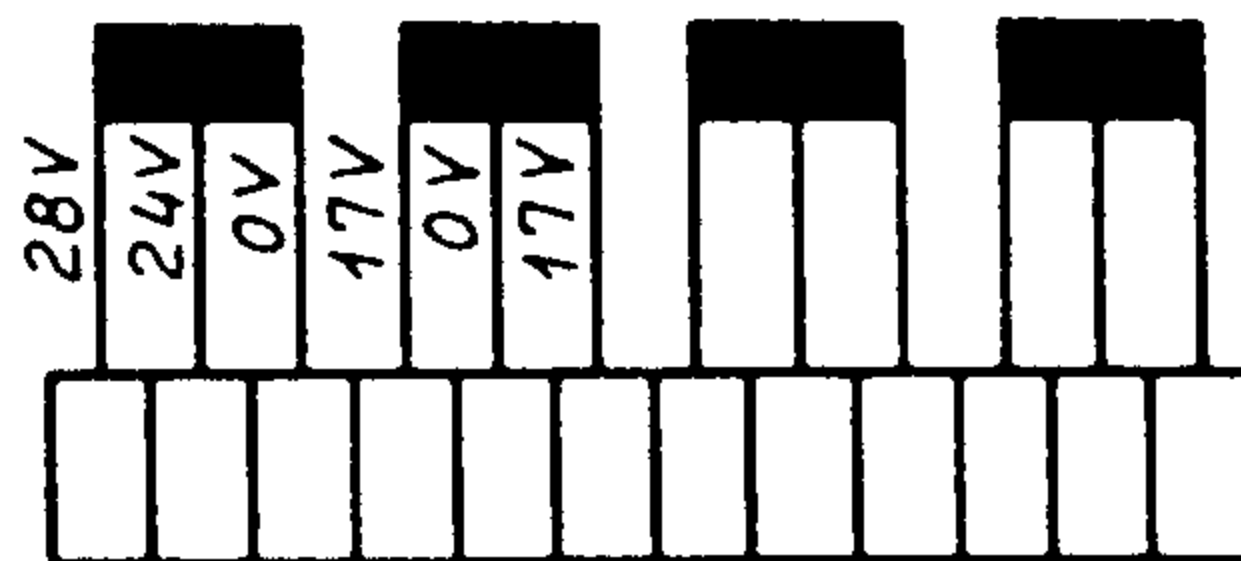


STYRESTRØM  
STEURSPANNUNG  
CONTROL  
TENSION DE CONTRÔLE



T1 nr 11063

ELEKTRONIK  
ELEKTRONIK  
ELECTRONICS  
ELECTRONIQUE



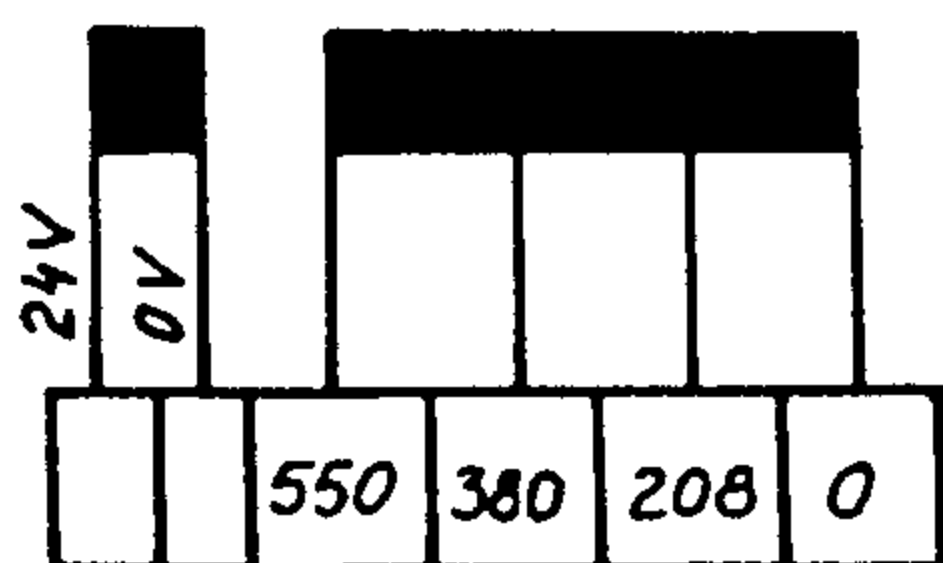
T2 nr 14888

WMG 110V  
(DIGITAL 110V)



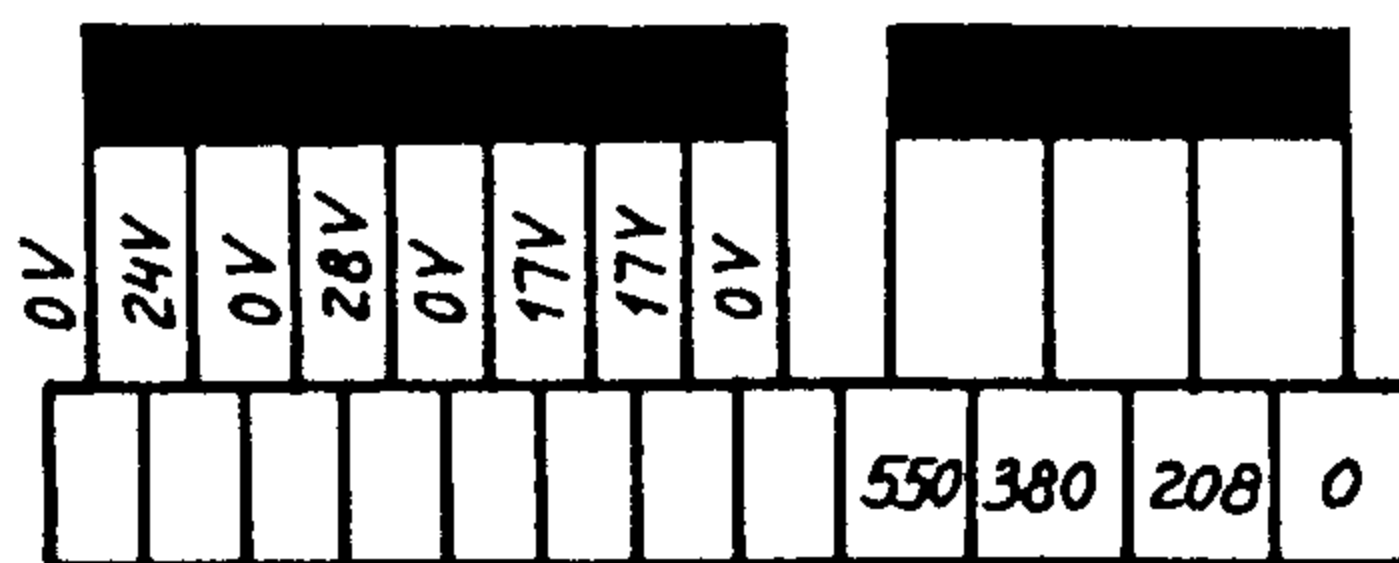
T3 nr 14990  
(T3 nr 12606)

STYRESTRØM CSA  
STEURSPANNUNG CSA  
CONTROL CSA  
TENSION DE CONTRÔLE  
CSA



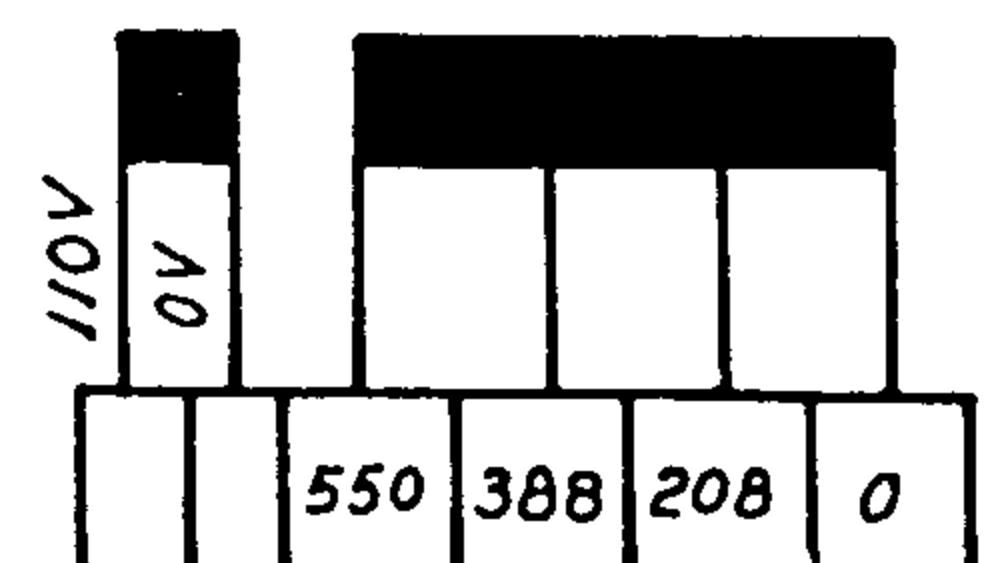
T1 nr 10990

ELEKTRONIK CSA  
ELEKTRONIK CSA  
ELECTRONICS CSA  
ELECTRONIQUE CSA



T3 nr 10989

WMG 110V CSA



T3 nr 11091

USA - CANADA 618 - 824							
	3x230V - 60 Hz		3x460 V - 60 Hz		3x600V - 60 HZ		
Del	HP	A	HP	A	HP	A	
M1(618)	3	7,6	3	4,1	3	3,1	
M1(824)	3	8,1	3	4,4	3	3,5	
M2	3	8,8	3	4,7	3	3,8	
M3	0,06	0,52	0,08	0,3	0,12	0,23	
M4	0,5	1,9	0,5	1,1	0,5	0,89	
M6 <sup>3</sup>	0,73	2,8	0,73	1,5			
F1	7 - 10 A		4 - 6 A		2,5 - 4 A		
F2	7 - 10 A		4 - 6 A		2,5 - 4 A		
F3	0,4 - 0,63		0,25 - 0,4 A		0,16 - 0,25 A		
F4	1,6 - 2,5 A		1 - 1,6 A		0,63 - 1 A		
F5	2,5 - 4 A		2,5 - 4 A		2,5 - 4 A		
F6 <sup>2</sup>							
F7 <sup>3</sup>	2,5 - 4 A		1 - 1,6 A		5 A		
F8 <sup>4</sup>	3,2 A		3,2 A		3,2 A		
F9 <sup>5</sup>	3,2 A		3,2 A		3,2 A		
F10 <sup>6</sup>	3,2 A		3,2 A		3,2 A		
F11 <sup>7</sup>	2 A		2 A		2 A		
F12 <sup>8</sup>	2 A		2 A		2 A		
Cons. -1,2,3	24 A		13 A		11 A		
Max. fuse	50 A		50 A		50 A		

- 1: Cyklon
- 2: Cosema DMP50 or B1
- 3: Dust Collector
- 4: Control Voltage - Standard machines
- 5: WMG - Standard machines
- 6: Worklamp
- 7: Digital
- 8: Fan - automatic machines

USA - CANADA 1026/32 - 1424/32

	3x230V - 60 Hz		3x460 V 60 Hz		3x600V 60 HZ			
Del	HP	A	HP	A	HP	A		
M1a	5,5	16	5,5	8,1	5,5	7,1		
M1b	7,5	20	7,5	11	7,5	8,5		
M1c	7,5	21	7,5	10,5	7,5	8,3		
M1d	10	28	10	14	10	11,5		
M2	3	8,8	3	4,7	3	3,8		
M3	0,06	0,52	0,08	0,3	0,12	0,23		
M4	0,5	1,9	0,5	1,1	0,5	0,89		
M6 <sup>3</sup>	0,73	2,8	0,73	1,5				
F1a	13 - 18 A		7 - 10 A		7 - 10 A			
F1b+c	18 - 25 A		10 - 13 A		7 - 10 A			
F1d	23 - 32 A		13 - 18 A		10 - 13 A			
F2	7 - 10 A		4 - 6 A		2,5 - 4 A			
F3	0,4 - 0,63 A		0,25 - 0,4 A		0,16 - 0,25 A			
F4	1,6 - 2,5 A		1 - 1,6 A		0,63 - 1 A			
F5	2,5 - 4 A		2,5 - 4 A		2,5 - 4 A			
F6 <sup>2</sup>								
F7 <sup>3</sup>	2,5 - 4 A		1 - 1,6 A					
F8 <sup>4</sup>	3,2 A		3,2 A		3,2 A			
F9 <sup>5</sup>	3,2 A		3,2 A		3,2 A			
F10 <sup>6</sup>	3,2 A		3,2 A		3,2 A			
F11 <sup>7</sup>	2 A		2 A		2 A			
F12 <sup>8</sup>	2 A		2 A		2 A			
Cons. -1,2,3	a: 32 A	b: 36 A	a: 17 A	b: 20 A	a: 14 A	b: 15 A		
	c: 37 A	d: 44 A	c: 19 A	d: 23 A	c: 15 A	d: 18 A		
Max. fuse	50 A		50 A		50 A			

a + b: 1026/32

c + d: 1424/32

1: Cyklon

2: Cosema DMP50 or B1

3: Dust Collector

4: Control Voltage - Standard machines

5: WMG - Standard machines

6: Worklamp

7: Digital

8: Fan - automatic machines



ITEM	STD.	OPT.	DESCRIPTION
K1	X		Relay, grinding wheel
K2	X		Relay, hydraulic pump
K3	X		Relay, coolant pump
K4	X		Relay, grinding wheel down
K5	X		Relay, grinding wheel up
K6		X	Relay, coolant filter
K7		X	Relay, dust collector
K8	X		Relay, electronic supply
K13		X	Relay, frequency converter
F1	X		Circuit breaker, grinding wheel
F2	X		Circuit breaker, hydraulic pump
F3	X		Circuit breaker, coolant filter (cyklon)
F4	X		Circuit breaker, grinding wheel up/down
F5	X		Circuit breaker, control voltage-primary
F6		X	Circuit breaker, cosema
F7		X	Circuit breaker, dust collector
F8	X		Fuse, control voltage
F9		X	Fuse, WMG
F10		X	Fuse, working lamp
F11		X	Fuse, digital
WMG		X	Magnetic chuck controller WMG
E	X		Push button, latching, emergency stop
K	X		Push button, grinding wheel stop
J	X		Push button, grinding wheel start
I	X		Push button, hydraulic pump motor stop
H	X		Push button, hydraulic pump motor start
N	X		Push button, coolant pump stop
N		X	Push button, coolant pump, coolant filter and dust collector stop
L	X		Push button, coolant pump start
L		X	Push button, coolant pump and coolant filter start
M		X	Push button, dust collector start
F	X		Push button, grinding wheel up
G	X		Push button, grinding wheel down

v4

ITEM	STD.	OPT.	DESCRIPTION
01		X	Demagnetizing chuck
02		X	Magnetic chuck, unlock hydraulic pump motor
03		X	Magnetic chuck on
S		X	Power, magnetic chuck
D	X		Indicator lamp, control voltage
JL	X		Indicator lamp, grinding wheel
PL		X	Indicator lamp, magnetic chuck
HL	X		Indicator lamp, hydraulic pump
LL	X		Indicator lamp, coolant pump
LL		X	Indicator lamp, coolant pump and coolant filter
ML		X	Indicator lamp, dust collector
QA	X		Mains switch
Q1	X		Limit switch, grinding wheel upper position
Q2	X		Microswitch, manual table movement
Q3	X		Microswitch, controls pressure relief valve
Q4		X	Microswitch, dresser interlock
Q5	X		Microswitch, manual saddle movement
Q6		X	Microswitch, saddle lock
Q7		X	Limit switch, grinding wheel lower position
HC1		X	Hour counter
MG		X	Magnetic chuck, 110 V
WL		X	Working lamp 24 V
DT		X	Digital 110 V

ITEM	STD.	OPT.	DESCRIPTION
T1	X		Transformer, control voltage
T2	X		Transformer, electronic supply
T3		X	Transformer, magnetic chuck and or digital
V1	X		Magnetic valve, table to the left
V2	X		Magnetic valve, table to the right
V3	X		Magnetic valve, cross movement out
/V3	X		Magnetic valve, cross movement in
V4	X		Magnetic valve, cross movement
V5	X		Magnetic valve, pressure relief of cross movement
t5	X		Limit switch, table left
t6	X		Limit switch, table right
t7	X		Limit switch, saddle in
t8	X		Limit switch, saddle out
SSR	X		Solid State relay, hydraulic stop
HE	X		Hand wheel encoder
VE	X		Vertical encoder
FAN	X		Fan
MSU	X		Control unit for stepping motor
SWU02	X		Control unit (Sandwich)
FP	X		Switch for spark-out
RL01	X		Blocking, Rapid vertical movement
FRQ CONV		X	Frequency converter for grinding wheel