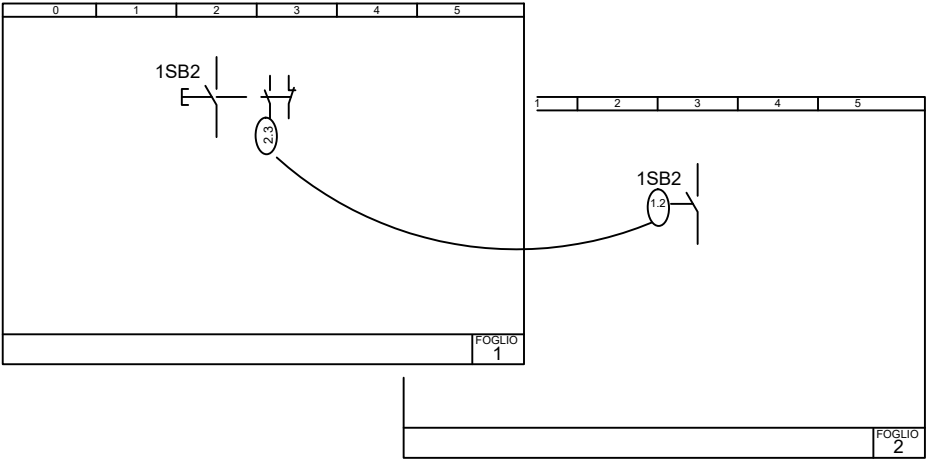
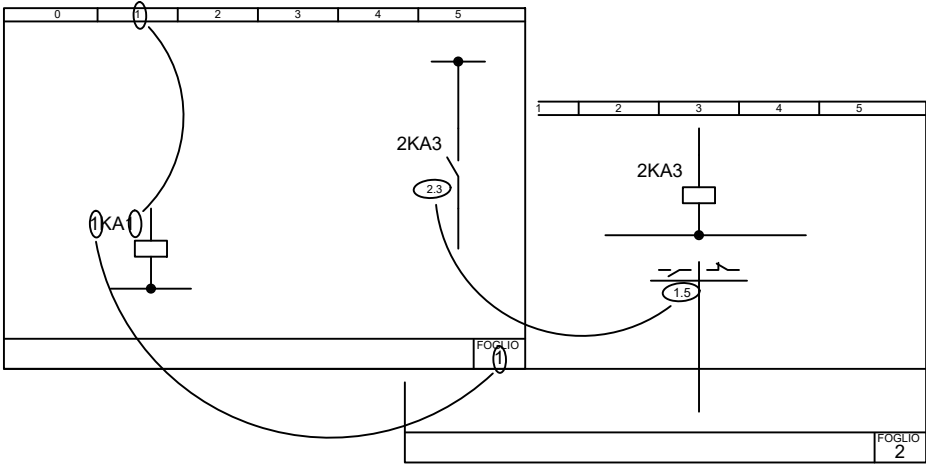


0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
AITALMAC Heng Sheng Road , Gao Chun Economic Development Zone , NANJING,211300 P.R.CHINA										LOCATION SYMBOLS ☐ Components on the door ☐ Components inside the cubicle (usually omitted) ☐ Machine components (usually omitted)									

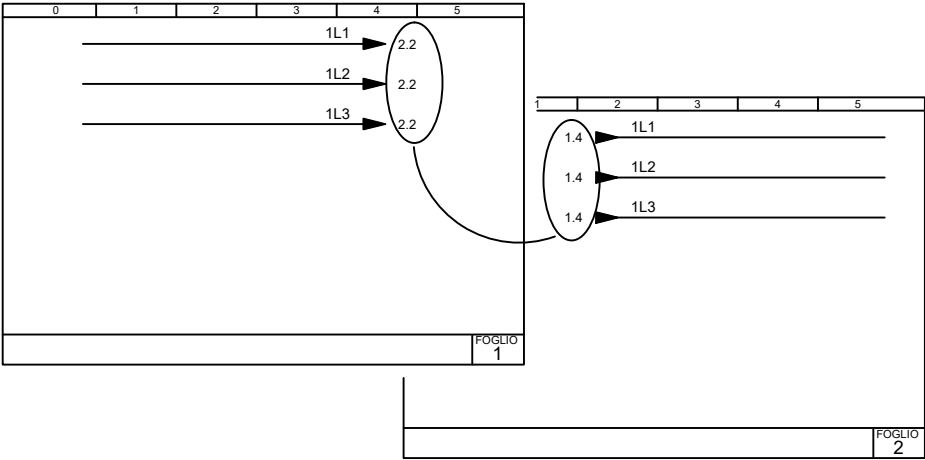
COMPONENT REFERENCE



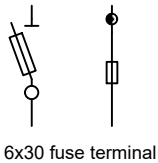
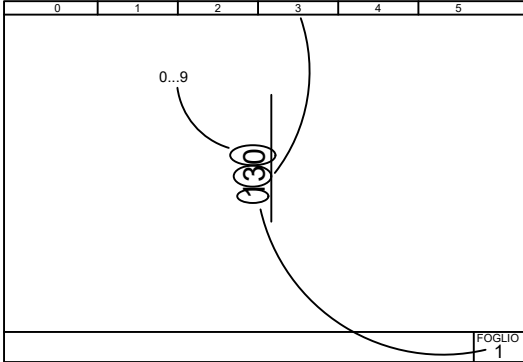
COMPONENT NAME/COIL-CONTACT POSITION



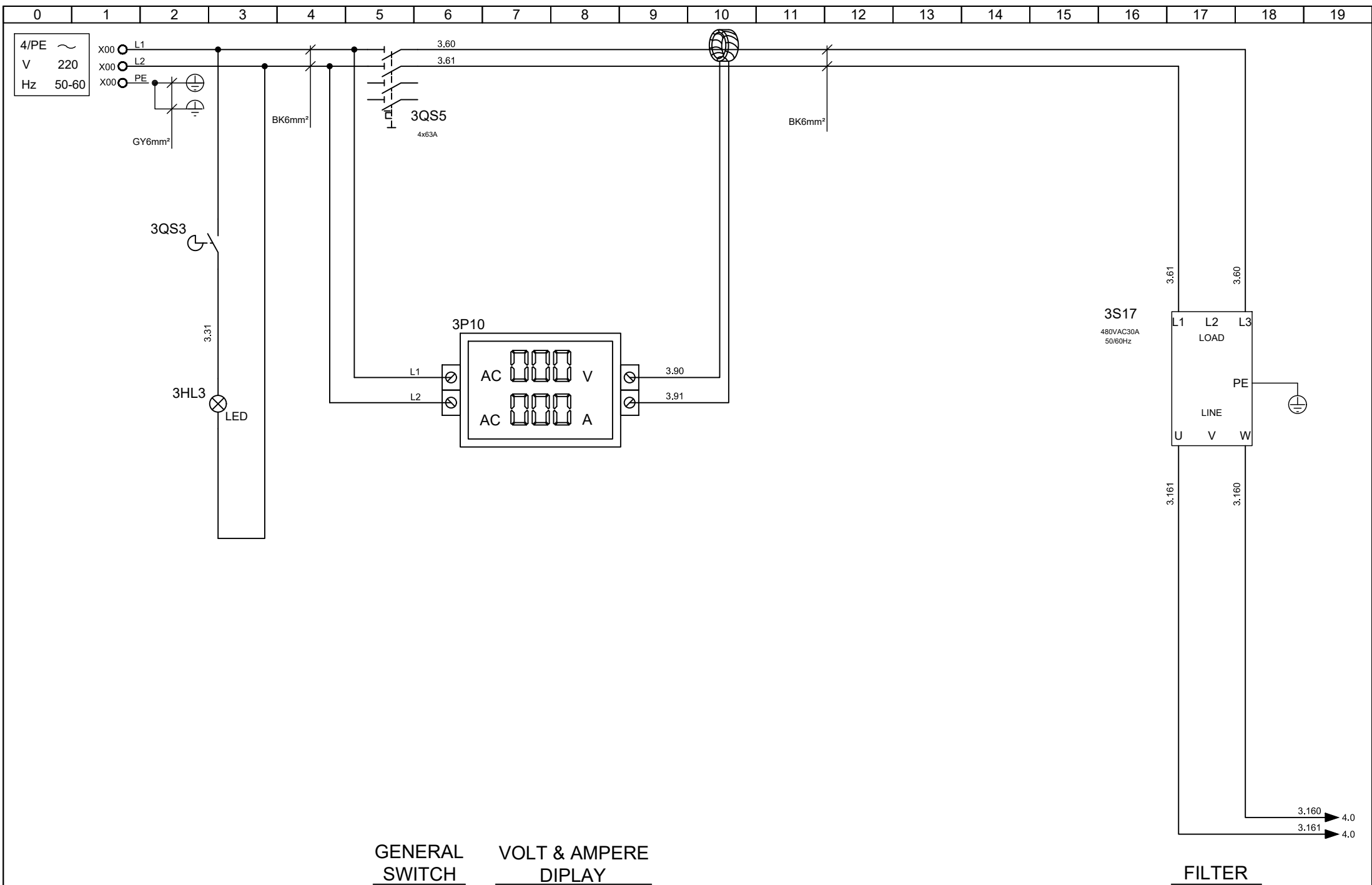
SIGNALS

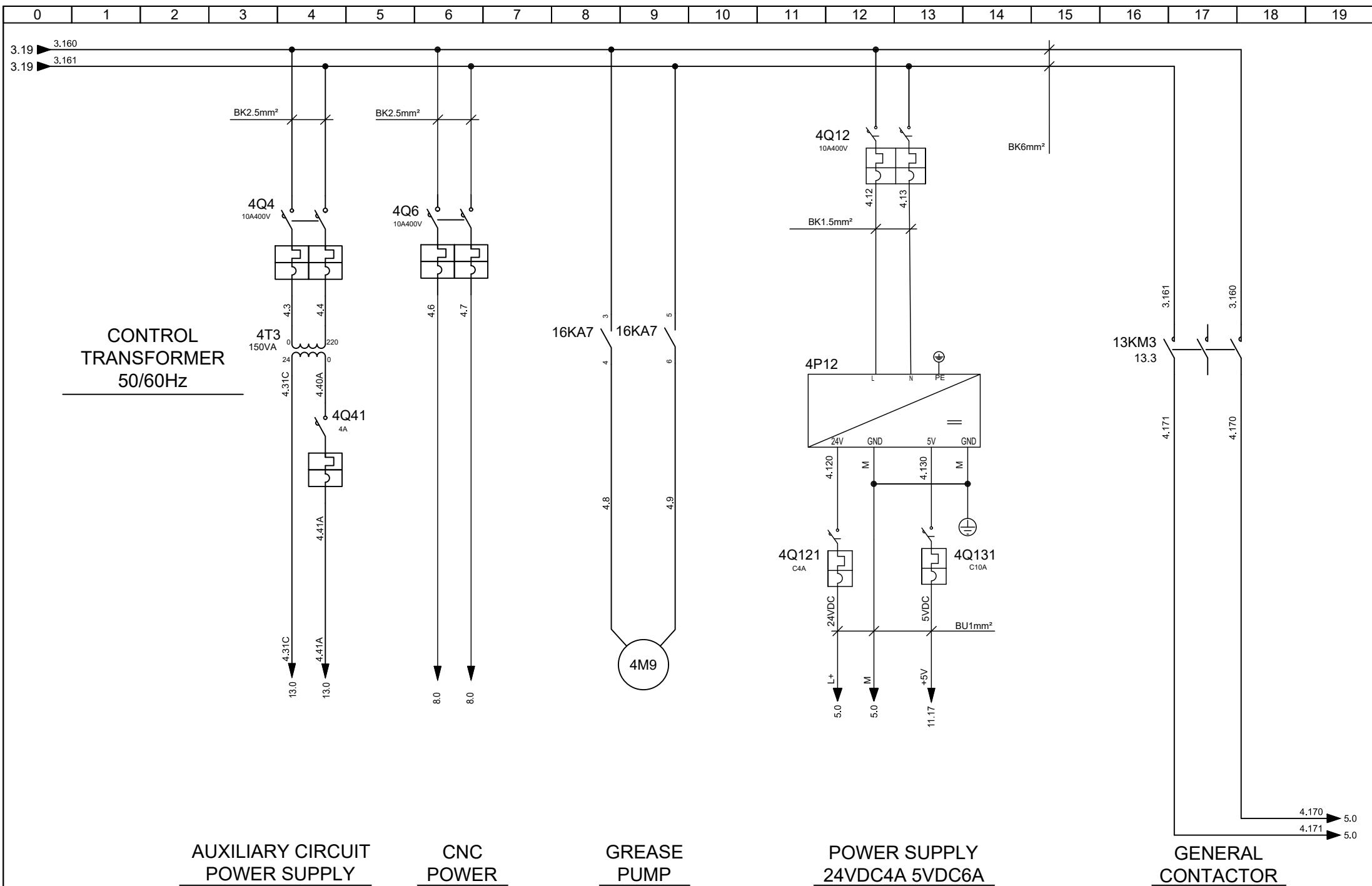


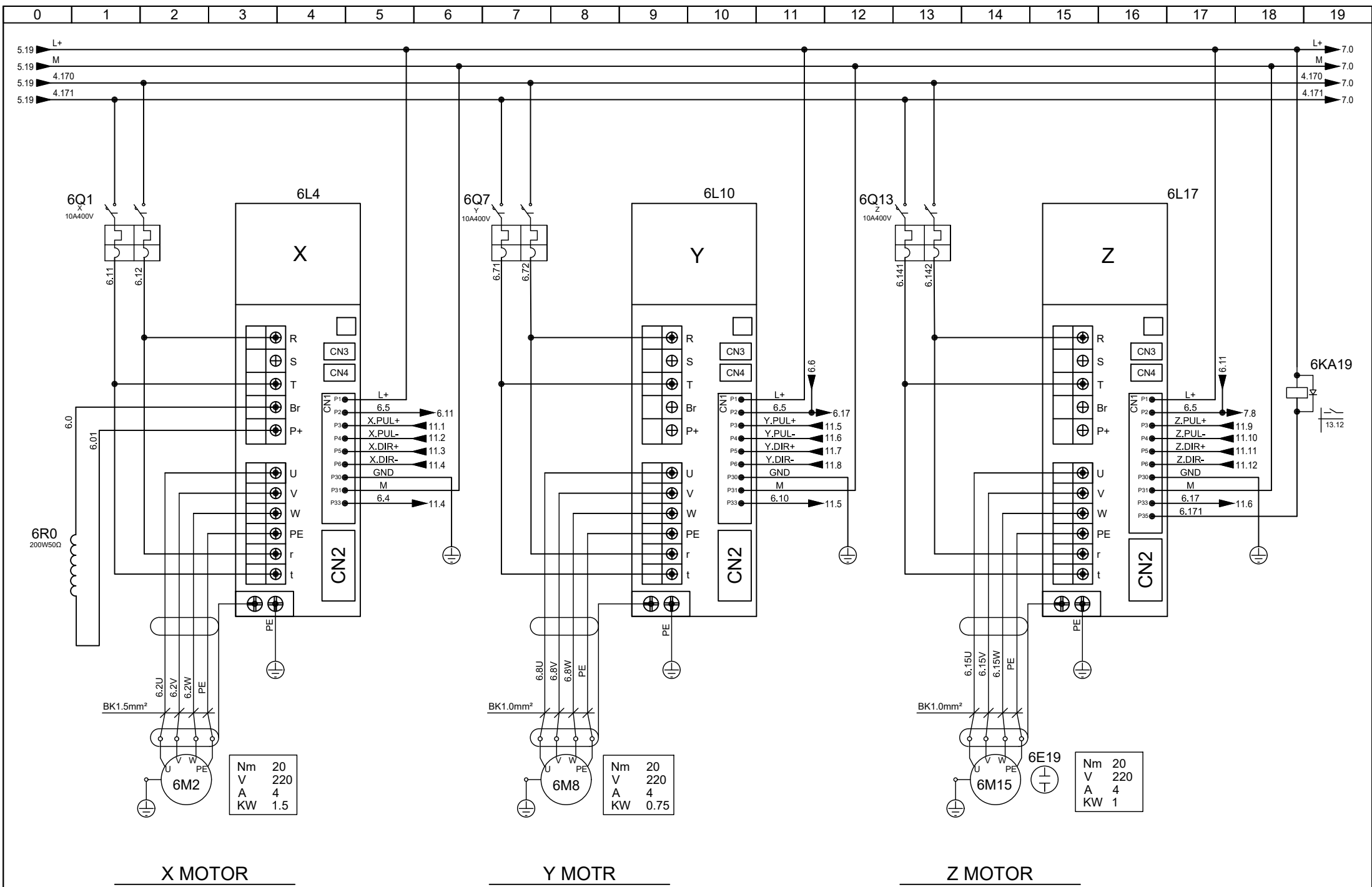
WIRE NUMBER

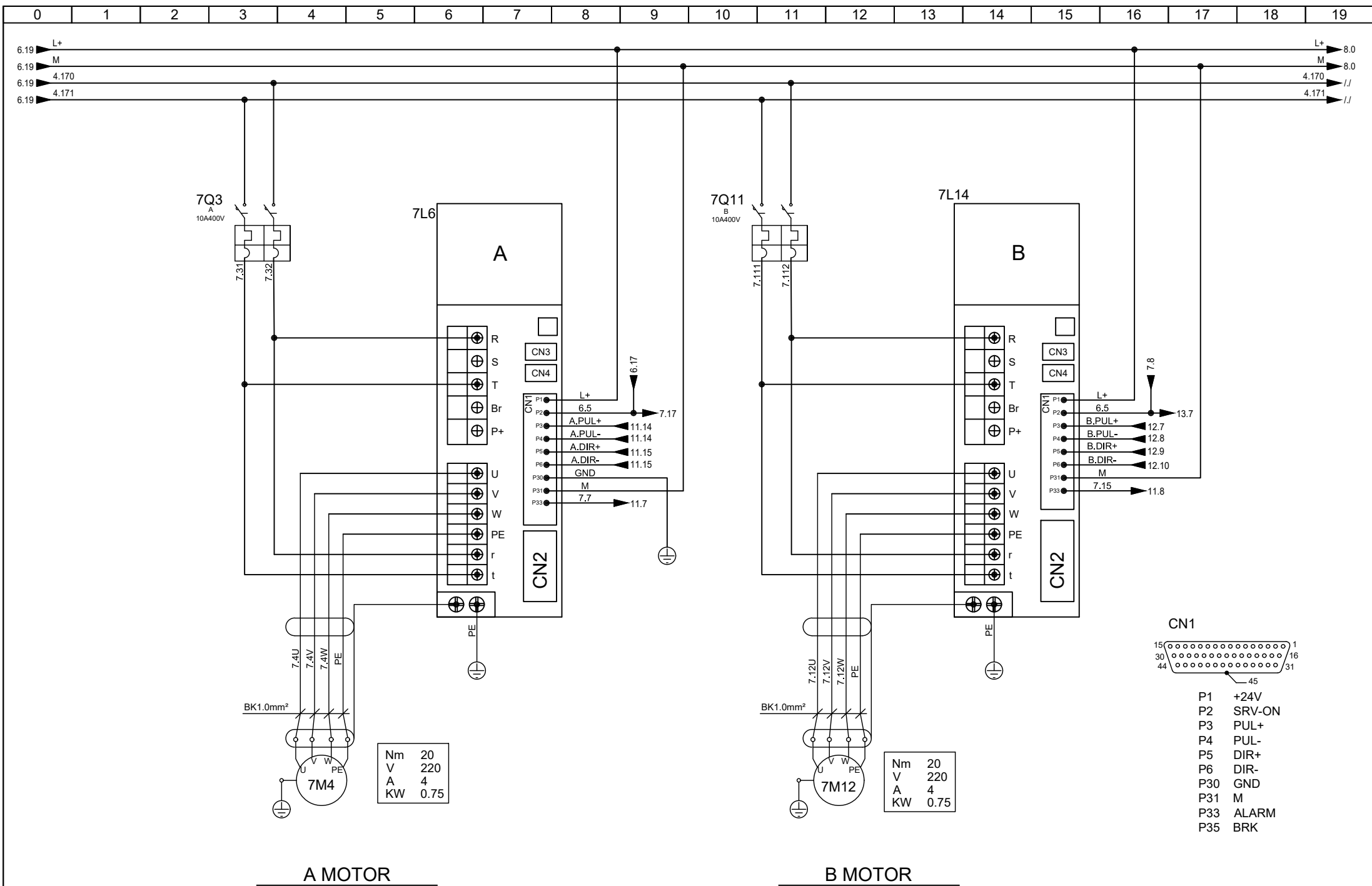


6x30 fuse terminal



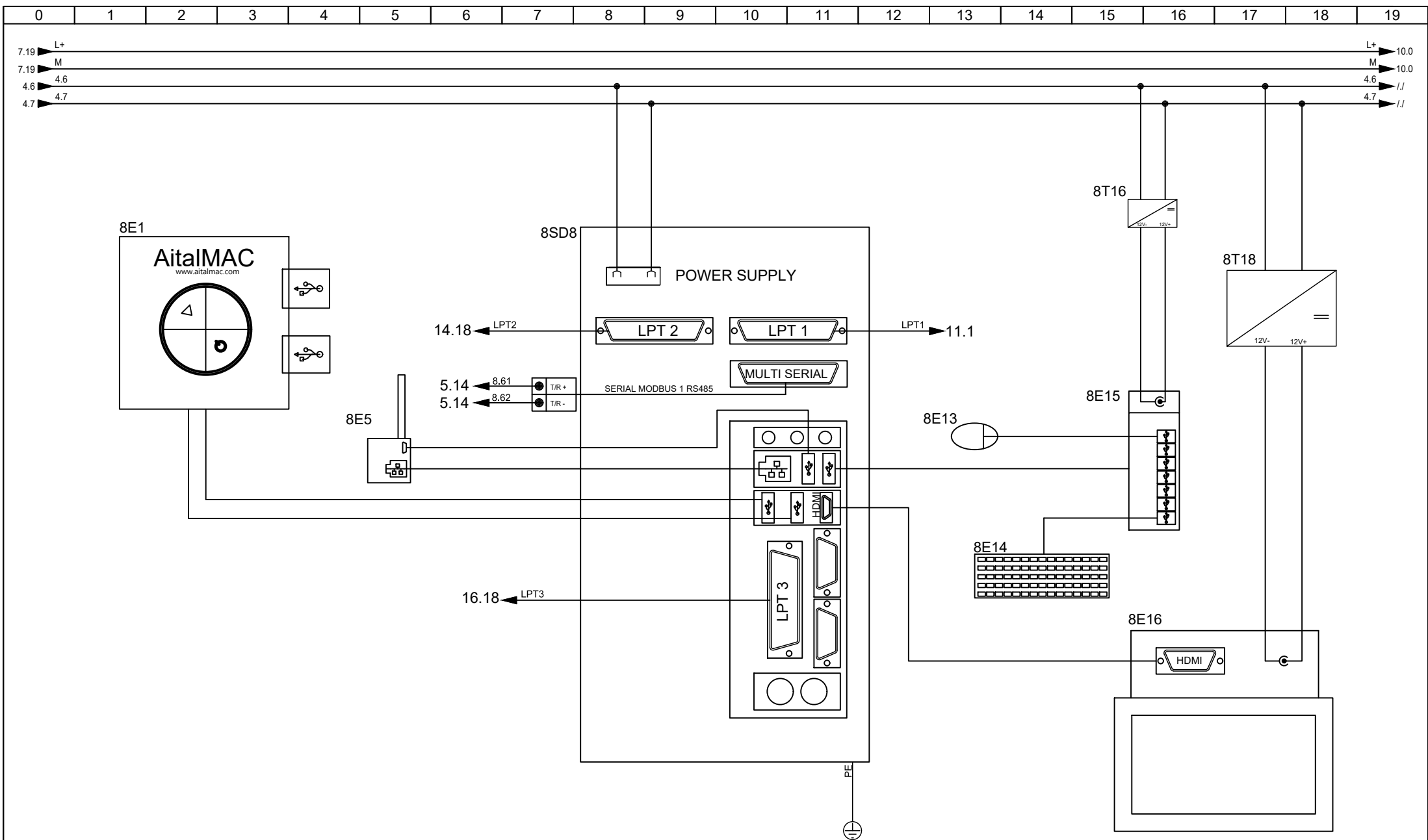






A MOTOR

B MOTOR



COMPUTER POWER
ON/OFF BUTTON

WIFI ROOT

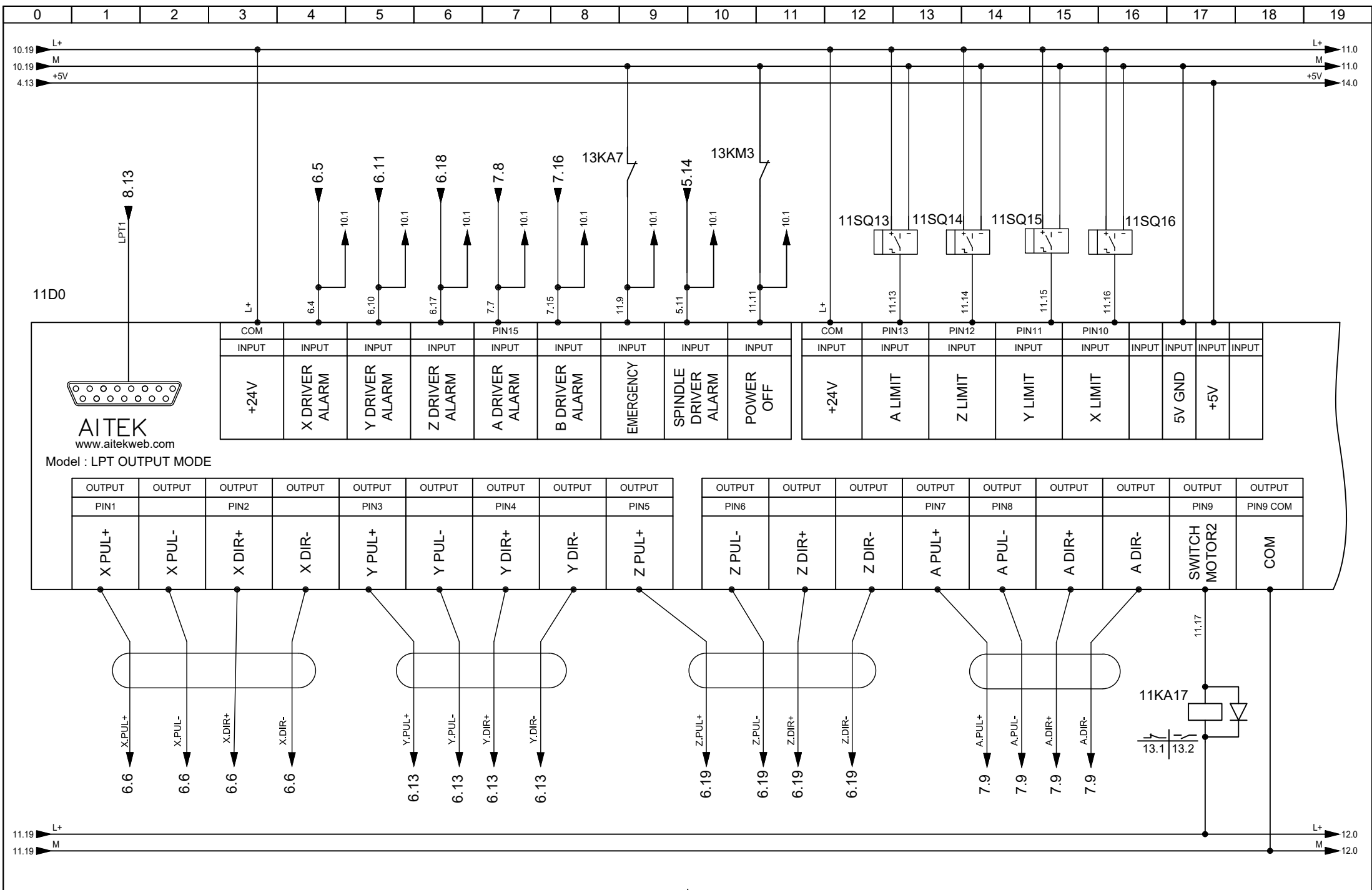
AITEK INDUSTRIAL COMPUTER
9 AXIS CNC CONTROLLER
ONLINE MONITORING SYSTEM

MOUSE&KEYBOARD
&USB-HUB

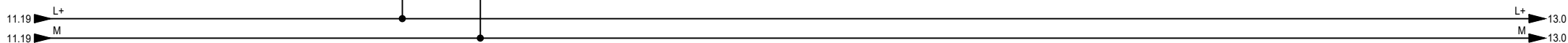
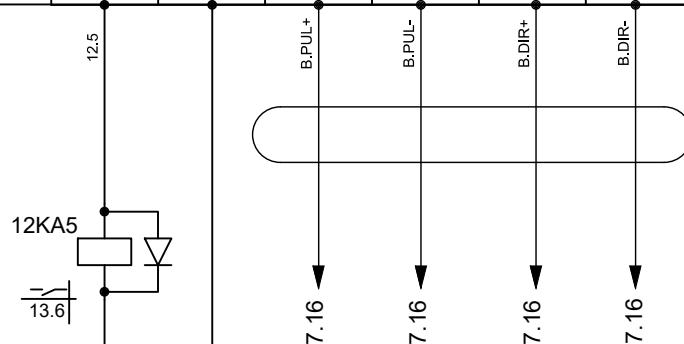
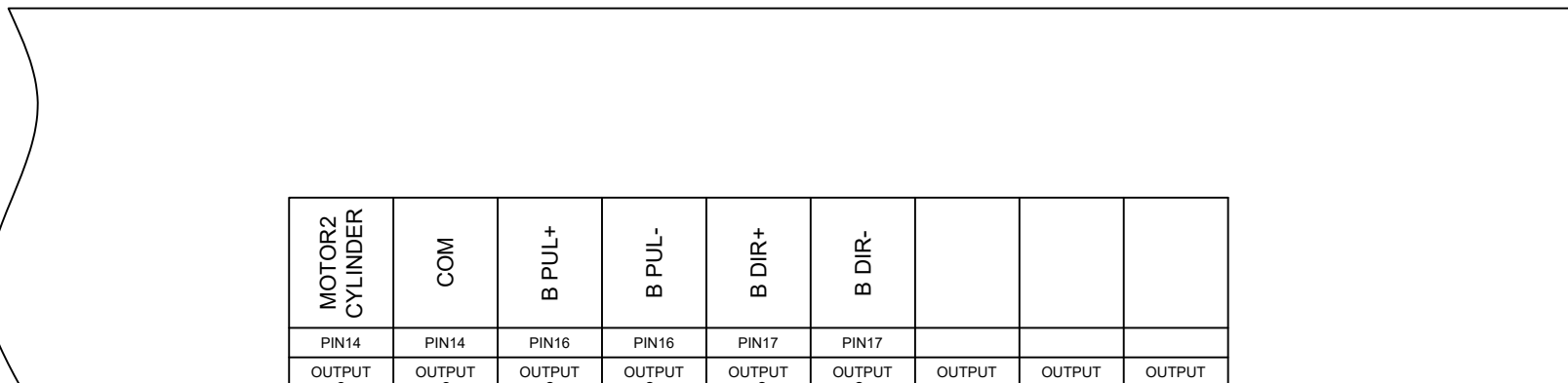
MONITOR&MONITOR
POWER SUPPLY

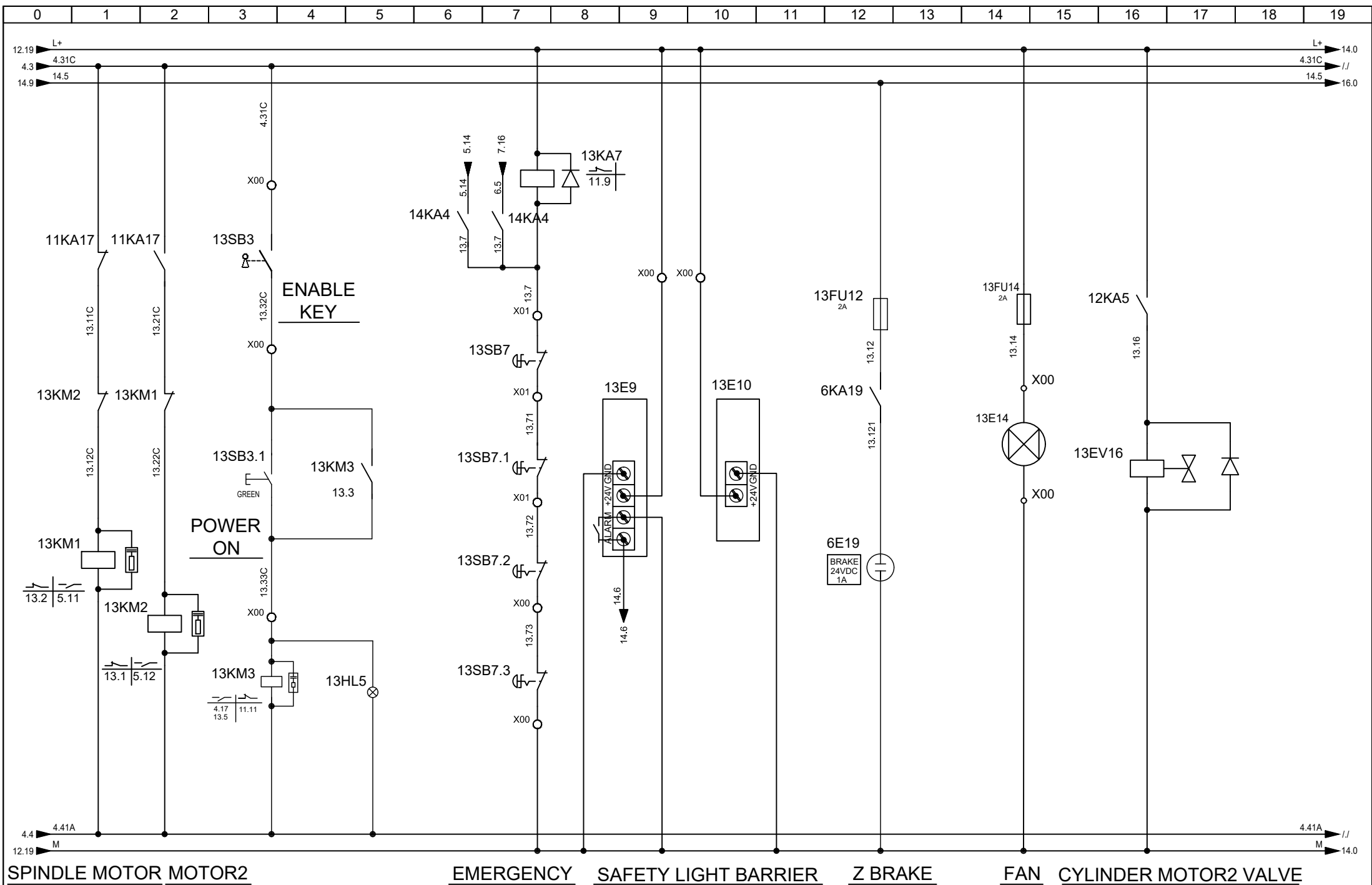
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19

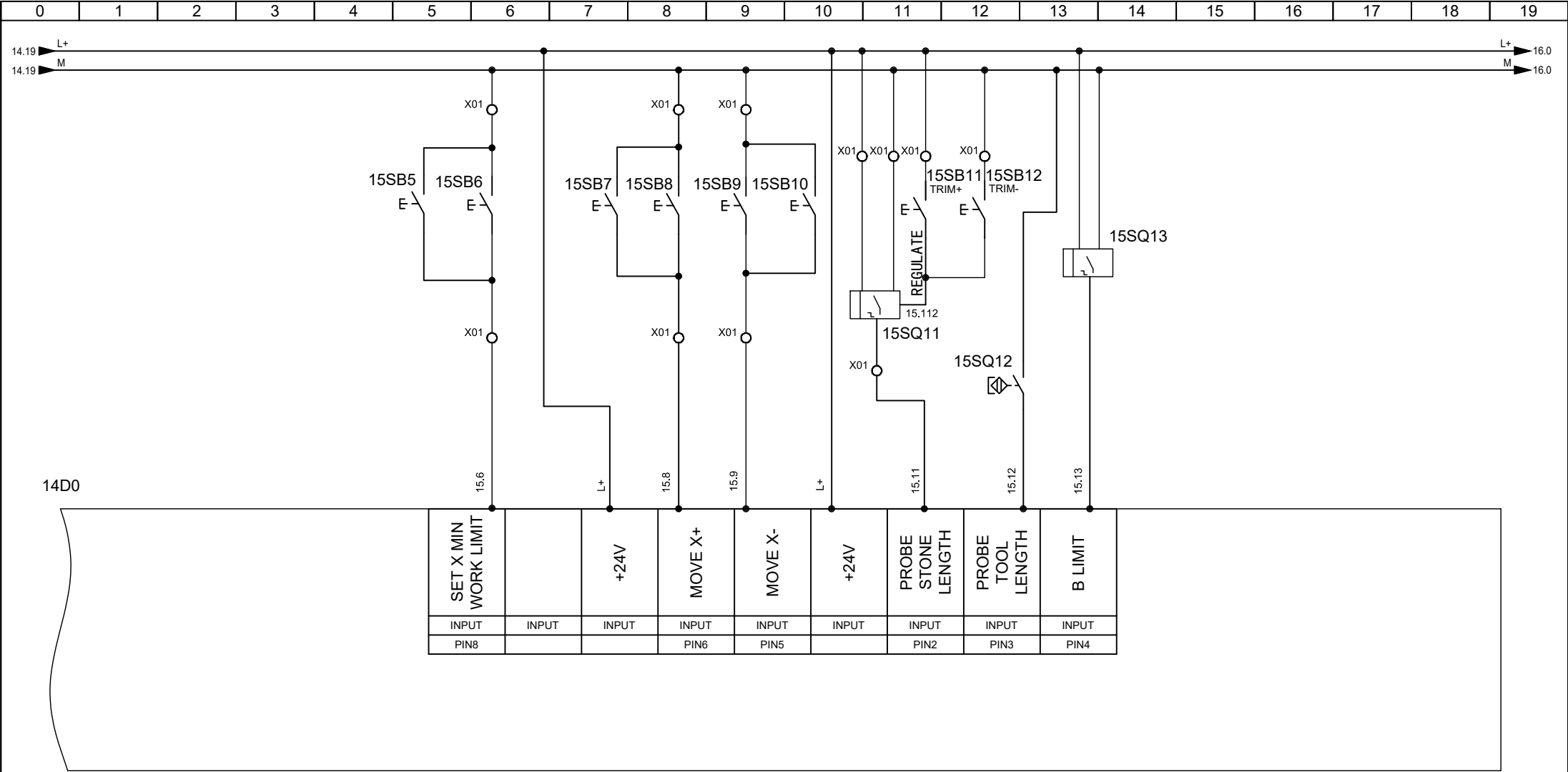
AitalMac www.aitalmac.com	Designed By : ZLJ	Checked By :	Trimness By :	Description :		
	Machine : EPR3500	Date: 01.25.2022	Revision: EPR3500-210902	Approved By :	Pag. 9	Next. 10



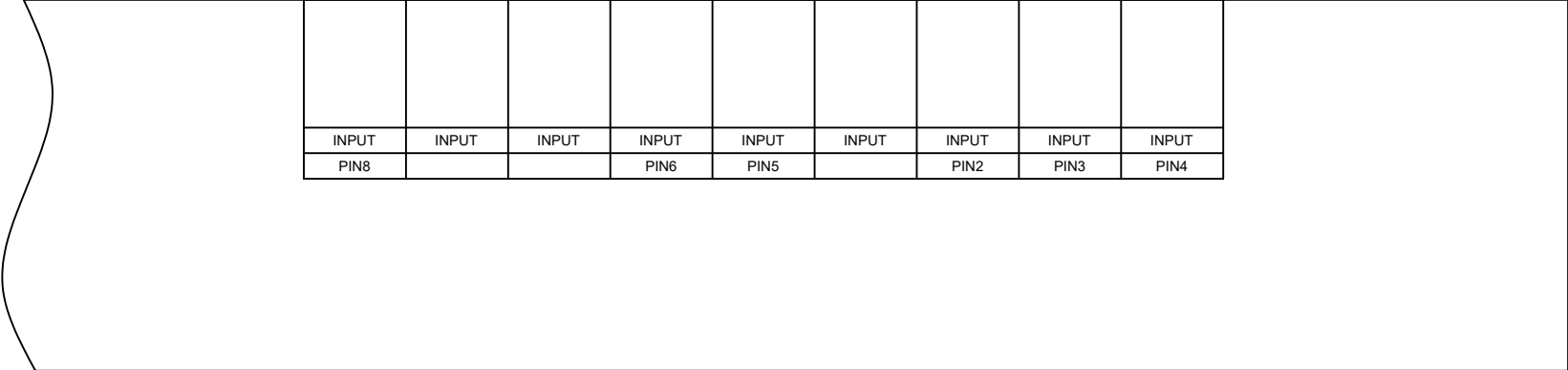
11D0

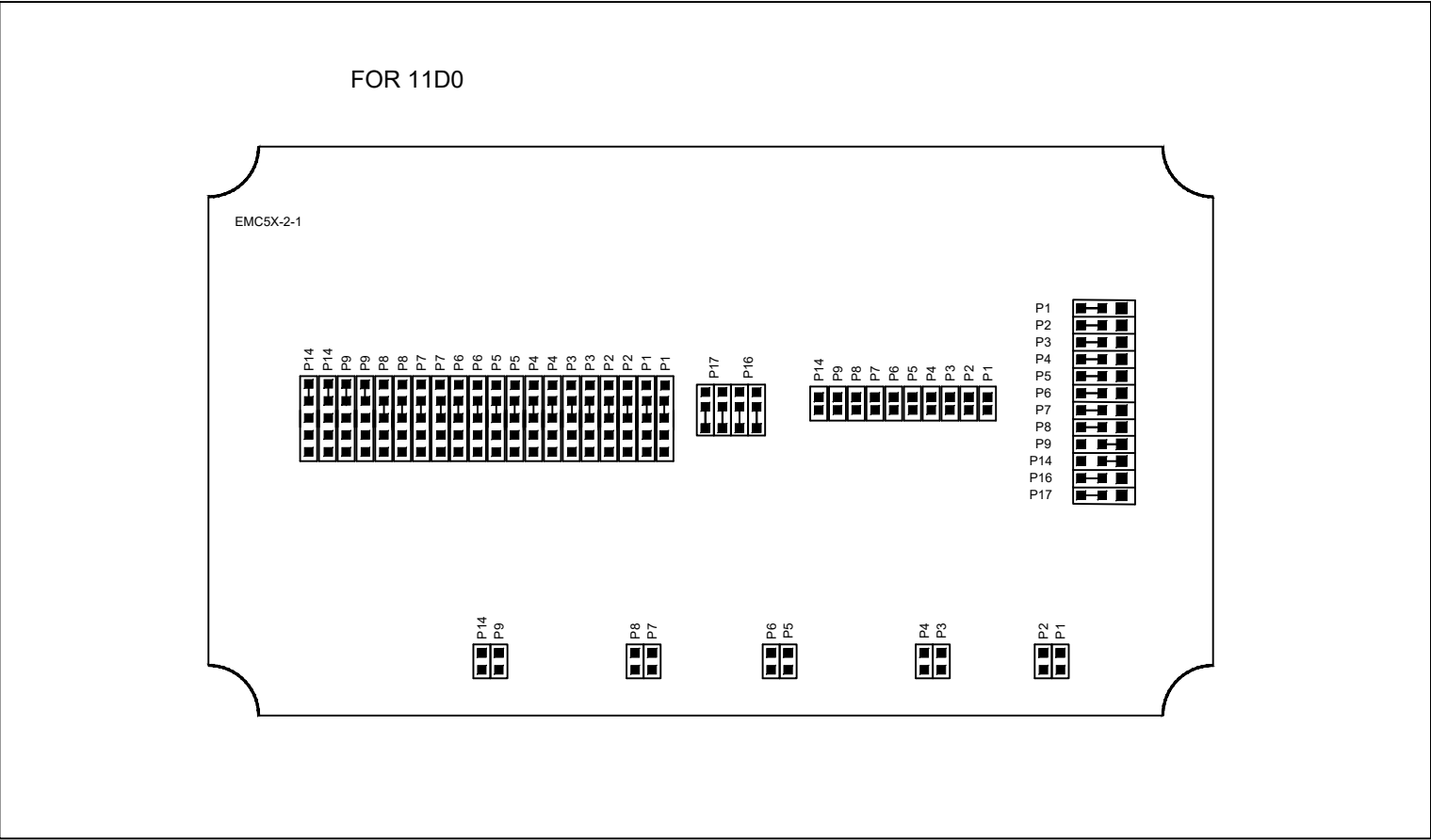






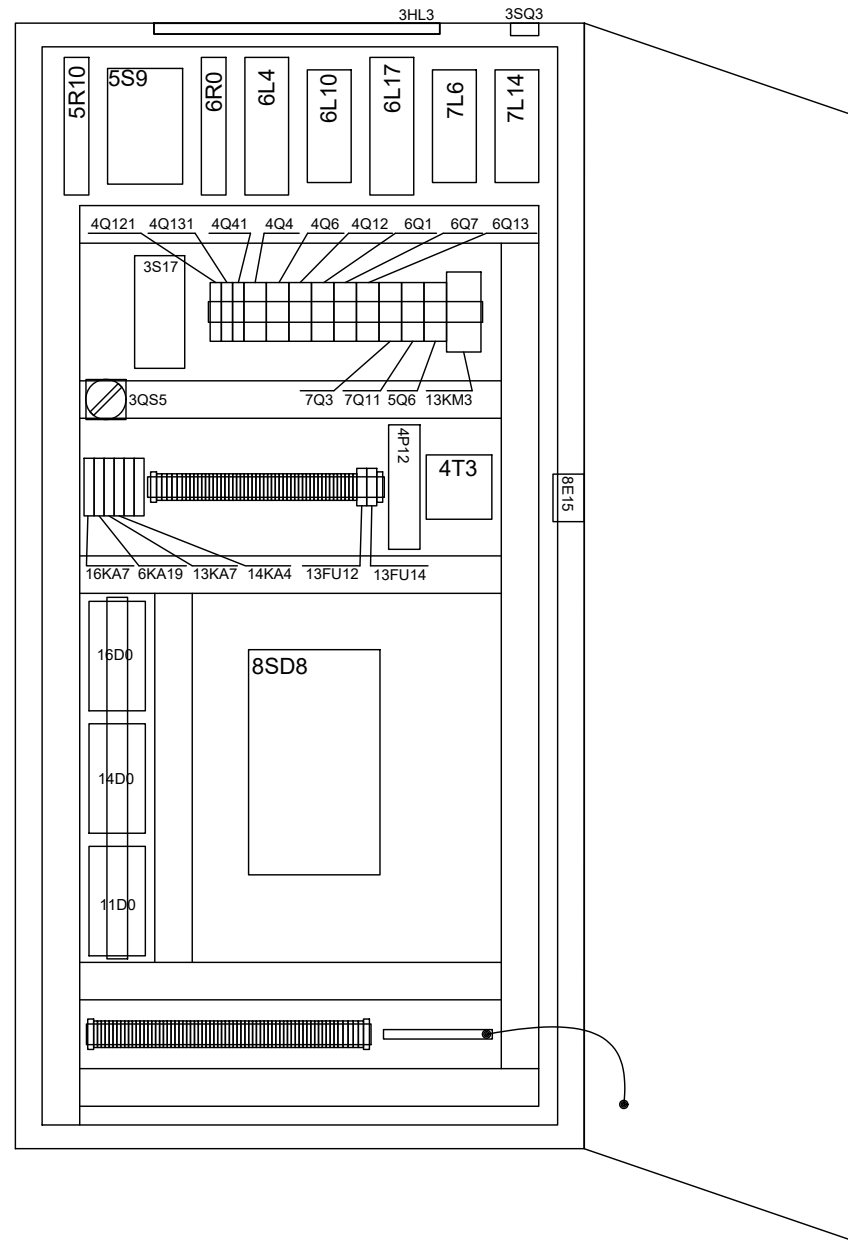
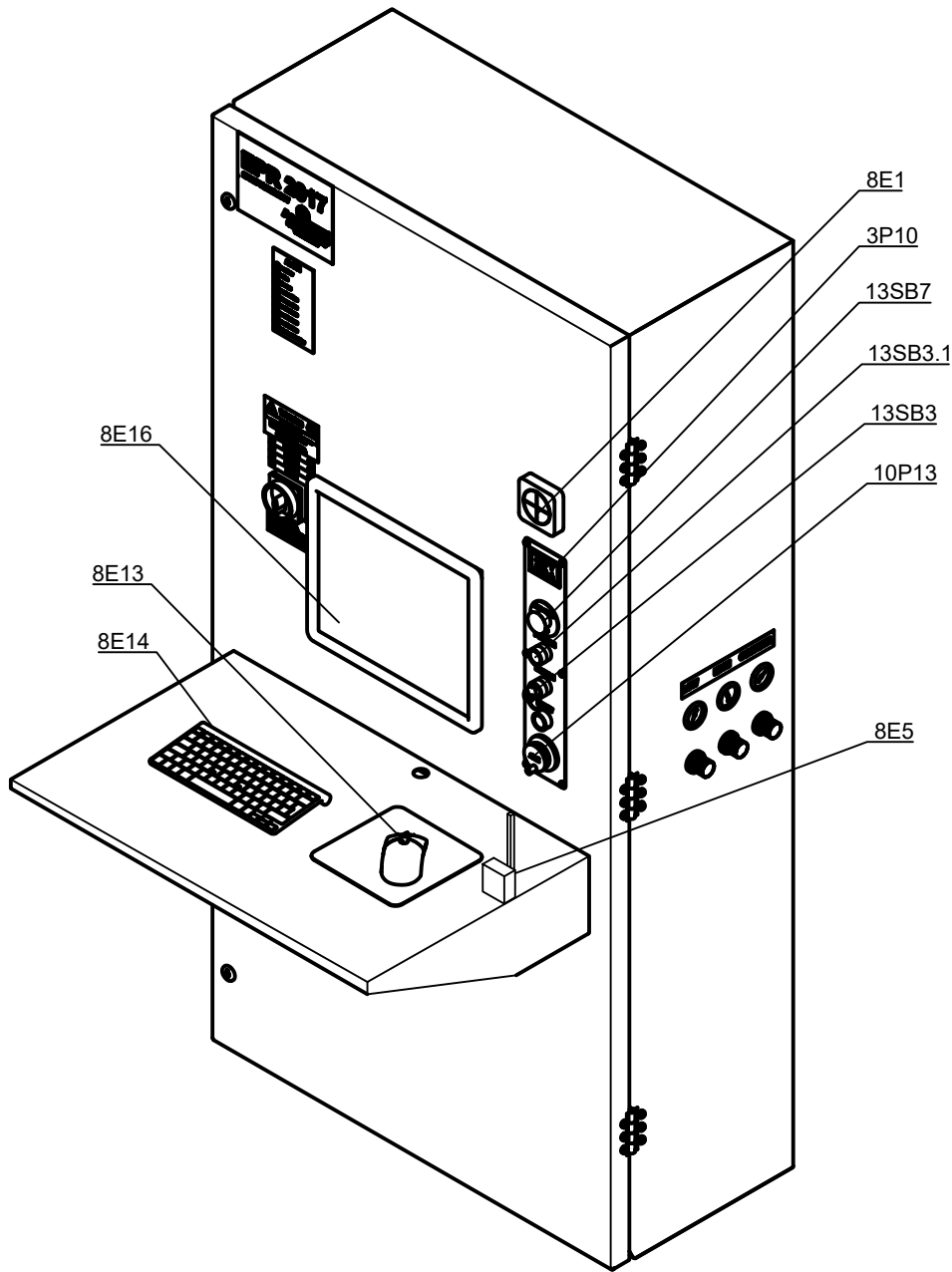
16D0



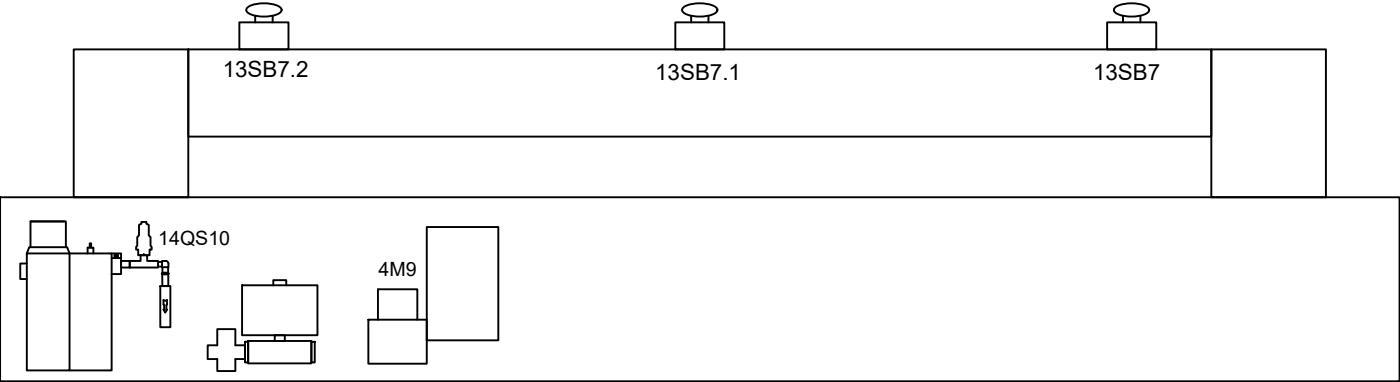
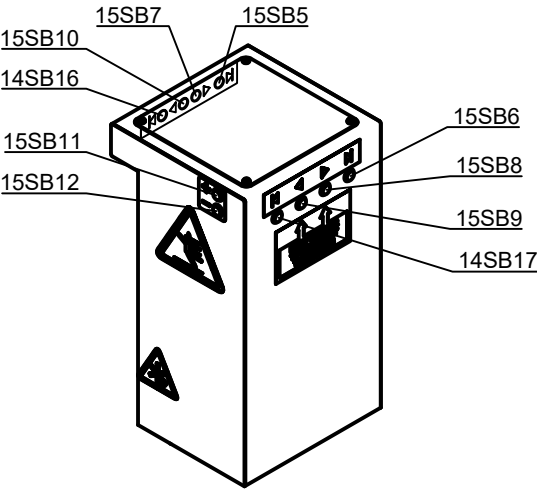


OUTPUT CONTROL CARD JUMPERS SETTING

0	1	2	3	4	5	6	7	8	9	10	11	12	13
Pg.	Code	Name	Mfrs.	Model			Pg.	Code	Name	Mfrs.	Model		
3	3QS5	General Switch	GLELE	GLD11-63/08 +4P			11	11D0	LPT1 Output Card	AITEK	6AXIS-Mod-V5-OUTPUT mode		
3	3SQ3	Travel Switch	JINSHAN	LX19-001 AC380VDC220V5A			11	11SQ13	A Limit Sensor	IBEST	IPSI-12NO2B-L60mm(NPN NO 2mm 200mA)		
3	3HL3	OPEN DOOR LIGHT ON	--	--			11	11SQ14	Z Limit Sensor	IBEST	IPSI-12NO2B-L85mm(NPN NO 2mm 200mA)		
3	3P10	Volt-ammeter	OUXIN	D85-2042A AC80-300V/200-450V			11	11SQ15	Y Limit Sensor	IBEST	IPSI-12NO2B-L85mm(NPN NO 2mm 200mA)		
3	3S17	Filter	DOTHINK	DTT2121-30-S6-S47480V30A			11	11SQ16	X Limit Sensor	IBEST	IPSI-12NO2B-L60mm(NPN NO 2mm 200mA)		
4	4T3	Transformers	CHNT	NDK(BK)-150			11	11KA17	Terminal Relay	OMRON	G2R-2-SND(S) DC24V+P2RF-08-E		
4	4Q4	Circuit Breaker	Schneider	IC65N D10A 2P			12	12KA5	Terminal Relay	OMRON	G2R-2-SND(S) DC24V+P2RF-08-E		
4	4Q41	Circuit Breaker	Schneider	IC65N D4A 1P			13	13KM1	Contactor	Schneider	LC1D50A 50A		
4	4Q6	Circuit Breaker	Schneider	IC65N D10A 2P			13	13KM2	Contactor	Schneider	LC1D50A 50A		
4	4M9	Grease Pump Motor	ML	MYK-202-200-0 15W/220V 2L			13	13SB3	Enable Key Switch	RENY	RBSNK-2		
4	4Q12	Circuit Breaker	Schneider	IC65N D10A 2P			13	13SB3.1	Power On Button	RENY	R2PIF-1D-2GL		
4	4P12	Power Supply	WEHO	D-120B			13	13KM3	Contactor	Schneider	LC1D50A 50A		
4	4Q121	Circuit Breaker	Schneider	C65H-DC C4A 1P			13	13KA7	Terminal Relay	OMRON	G2R-2-SND(S) DC24V+P2RF-08-E		
4	4Q131	Circuit Breaker	Schneider	C65H-DC C4A 1P			13	13SB7	Emergency Stop Button	Schneider	XALJ01C+ZB2-BE102C 1NC AC15/240V-3A		
4							13	13SB7.1	Emergency Stop Button	Schneider	XALJ01C+ZB2-BE102C 1NC AC15/240V-3A		
5	5Q6	Circuit Breaker	Schneider	IC65N D10A 2P			13	13SB7.2	Emergency Stop Button	RENY	R2PNR4D-1B-R R9C01VN 1NC AC15DC13		
5	5S9	Frequency Converter	POWTRAN	PI9130A 2R2G1 2.2KW			13	13SB7.3	Emergency Stop Button	Schneider	XALJ01C+ZB2-BE102C 1NC AC15/240V-3A		
5	5R10	Braking Resistor	RXLG	300W100Ω			13	13E9	Safety Light Barrier/T	ANLIAN	ABI10-482 6L 10M		
5	5M11	Spindle Motor	POWTRAN	--			13	13E10	Safety Light Barrier/R	ANLIAN	ABI10-482 6L 10M		
5	5M12	Motor 2	--	--			13	13FU12	Fuse	CHE	FS-101 DC24V 2A		
6	6R0	Braking Resistor	RXLG	200W50Ω			13	13FU14	Fuse	CHE	FS-101 DC24V 2A		
6	X 6Q1	Circuit Breaker	Schneider	IC65N D10A 2P			13	13E14	FAN	PAPST	TYP4114N/12MR 24V 6W 12CM		
6	6M2	X Motor	Leadshine	ACM13015M2F-71-E 1.5KW			13	13EV16	Cylinder Valve	CNSY	4V210-08 G1/4 DC24V		
6	6L4	X Servo Drive	Leadshine	L5-1500Z			14	14D0	LPT2 Input Card	AITEK	6AXIS-Mod-V5-INPUT mode		
6	Y 6Q7	Circuit Breaker	Schneider	IC65N D10A 2P			14	14SQ2	WATER FLOW SENSOR	MJ	HZ41C 0.15-1.5L/MIN 24V		
6	6M8	Y Motor	Leadshine	--			14	14KA4	Terminal Relay	OMRON	G2R-2-SND(S) DC24V+P2RF-08-E		
6	6L10	Y Servo Drive	Leadshine	L5-750Z			14	14EV7	FRONT HIGH PRESS	SUNRISE	AR-200		
6	Z 6Q13	Circuit Breaker	Schneider	IC65N D10A 2P			14	14SQ8	CYLINDER SENSOR	CHVIRD	CS1-U		
6	6M15	Z Motor	Leadshine	ACM8010M2H-51-B 1KW BREAK			14	14EV9	FRONT LOW PRESS	SUNRISE	AR-200		
6	6L17	Z Servo Drive	Leadshine	L5-1000Z			14	14QS10	AIR PRESSURE	SQW	QPM11-NC		
6	6KA19	Terminal Relay	OMRON	G2R-2-SND(S) DC24V+P2RF-08-E			14	14EV11	WATER ON	CNSY	4V210-08 G1/4 DC24V		
6	6E19	Z MOTOR BRAKE	Leadshine	--			14	14SB16	SET STONE X MAX WORK LIMIT	ONPOW	GQ16H-10/J/S 1NO 2A/36VDC		
7	A 7Q3	Circuit Breaker	Schneider	IC65N D10A 2P			14	14SB17	SET STONE X MAX WORK LIMIT	ONPOW	GQ16H-10/J/S 1NO 2A/36VDC		
7	7M4	A Motor	Leadshine	--			15	15SB5	SET STONE X MIN WORK LIMIT	ONPOW	GQ16H-10/J/S 1NO 2A/36VDC		
7	7L6	A Servo Drive	Leadshine	L5-750Z			15	15SB6	SET STONE X MIN WORK LIMIT	ONPOW	GQ16H-10/J/S 1NO 2A/36VDC		
7	B 7Q11	Circuit Breaker	Schneider	IC65N D10A 2P			15	15SB7	MOVE X +	ONPOW	GQ16H-10/J/S 1NO 2A/36VDC		
7	7M12	B Motor	Leadshine	--			15	15SB8	MOVE X +	ONPOW	GQ16H-10/J/S 1NO 2A/36VDC		
7	7L14	B Servo Drive	Leadshine	L5-750Z			15	15SB9	MOVE X -	ONPOW	GQ16H-10/J/S 1NO 2A/36VDC		
7							15	15SB10	MOVE X -	ONPOW	GQ16H-10/J/S 1NO 2A/36VDC		
8	8E1	Computer Power On/Off	Aitalmac	--			15	15SQ11	PROBE STONE LENGTH SENSOR	JINCI	NU200F18TR-1MD NPN 50-1000mm 7°		
8	8E5	WiFi Root	LEGUANG	LG-A305 150MCPE			15	15SB11	LENGTH SENSOR TRIM+	ONPOW	GQ16H-10/J/S 1NO 2A/36VDC		
8	8SD8	CNC CONTROL BOX	AITEK	EPR3500-210902			15	15SB12	LENGTH SENSOR TRIM-	ONPOW	GQ16H-10/J/S 1NO 2A/36VDC		
8	8E13	USB-Mouse	Lenovo	M300			15	15SQ12	PROBE TOOL LENGTH SENSOR	CNTD	CMV104D 1NC 1NO		
8	8E14	USB-Keyboard	Logitech	K310			15	15SQ13	B LIMIT SENSOR	IBEST	IPSI-12NO2B-L60mm(NPN NO 2mm 200mA)		
8	8E15	USB-HUB	ORICO	A3H7-bk			15						
8	8E16	Touch Monitor	Anmite	AN-104A02CM			16	16D0	LPT3 COM Card	AITEK	RS232-Mod-V1 4IN/3OUT		
8	8T16	Power Adapter	UGREEN	--			16	16EV5	CYLINDER BACK SOLENOID VALVE	AIRTAC	3V210-08 DC24V NO		
8	8T18	Power Adapter	Anmite	--			16	16KA7	Terminal Relay	OMRON	G2R-2-SND(S) DC24V+P2RF-08-E		
10	10D3	ALARM	--	EPR			16	16EV9	MOTOR COVER SOLENOID VALVE	CNSY	3V210-08 G1/4 DC24V		
10	10P13	Speed Control Wheel	AITEK	EPR 4P			16	16EV11	PALLET COVER SOLENOID VALVE	CNSY	4V210-08 G1/4 DC24V		



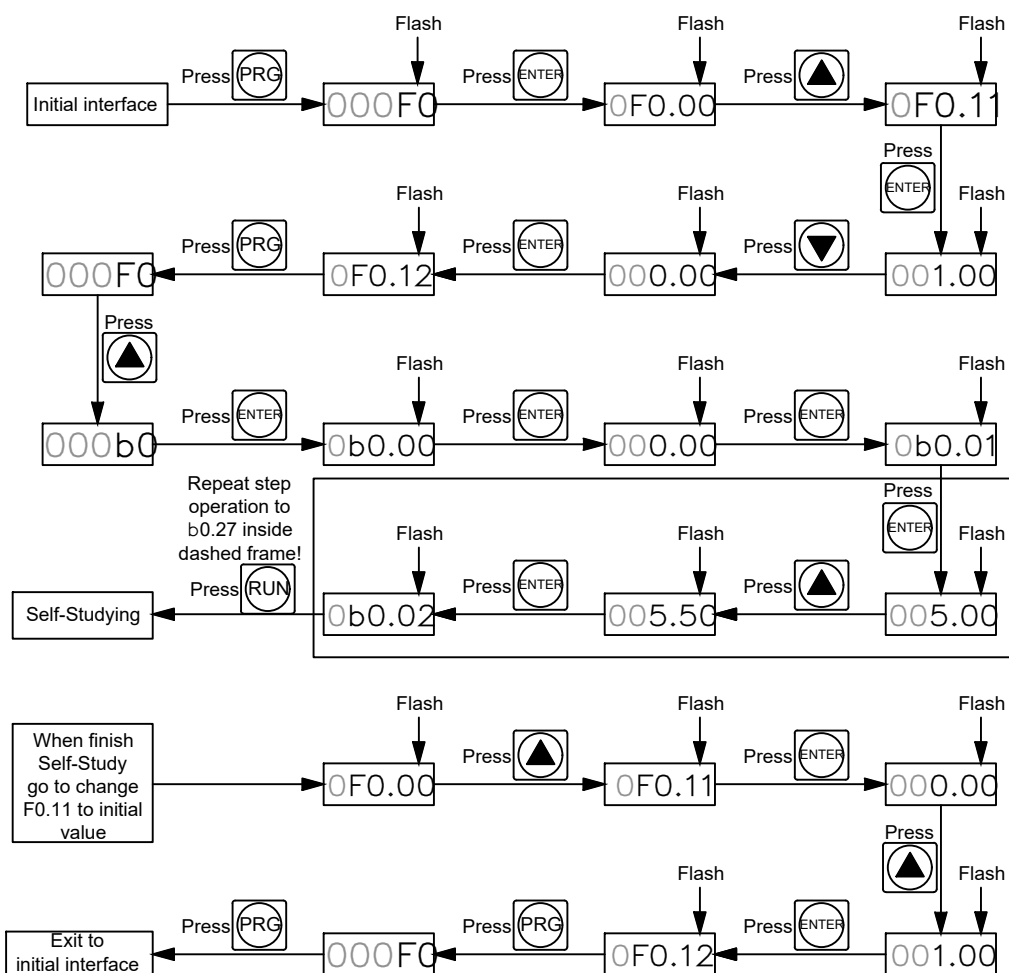
X00



X01

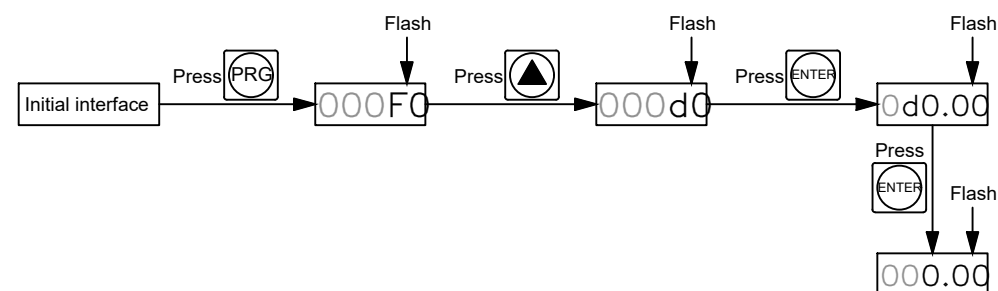
Motor Self-Study

F0.11=0	b0.03=9.8
b0.00=0	b0.04=60
b0.01=2.2	b0.05=1710
b0.02=220	b0.27=2



Monitoring Function

d0.00	Output Frequency
d0.01	Input Frequency
d0.14	Motor Speed
d0.18	High speed pulse input frequency



Inverter Parameter

Name	Range	Default	Units
F0.00	0,1,2	2	
F0.01	0.00Hz~F0.19(MAX)	1000	Hz
F0.02	1:0.1Hz,2:0.01Hz	1	
F0.03	0~9	9	
F0.04	0~9	0	
F0.11	0,1,2,3,4	1	
F0.13	0.0s~6500s	15	
F0.14	0.0s~6500s	15	
F0.18	0.5k~16k	10K	Hz
F0.19	50.00Hz~3200.00Hz	1000.00	Hz
F1.04	-	30	
F9.00		5	9600BPS
F9.01	0~3	3	(8-N-1)
F9.02	1~250	6	
F9.03		5	
F9.04		0	
F9.05	0~3	1	MODBUS
F9.06		1	
F9.07		0	MODBUS

Servo Driver Parameter

Name	Range	X	Y	Z	A	B
PA-003		13	13	13	13	13
PA-004		750	750	800	800	450
PA-006	0/1	0	0	0	0	0
PA-008		10000	5000	5000	10000	10000
PA-016		50				
PA-017		200				
PA-222		1000	1000	1000	1000	1000
PA-410	101-181	181	181	181	181	181
PA-529		53	53	53	53	53
PA-531	1-256	1	2	3	4	5