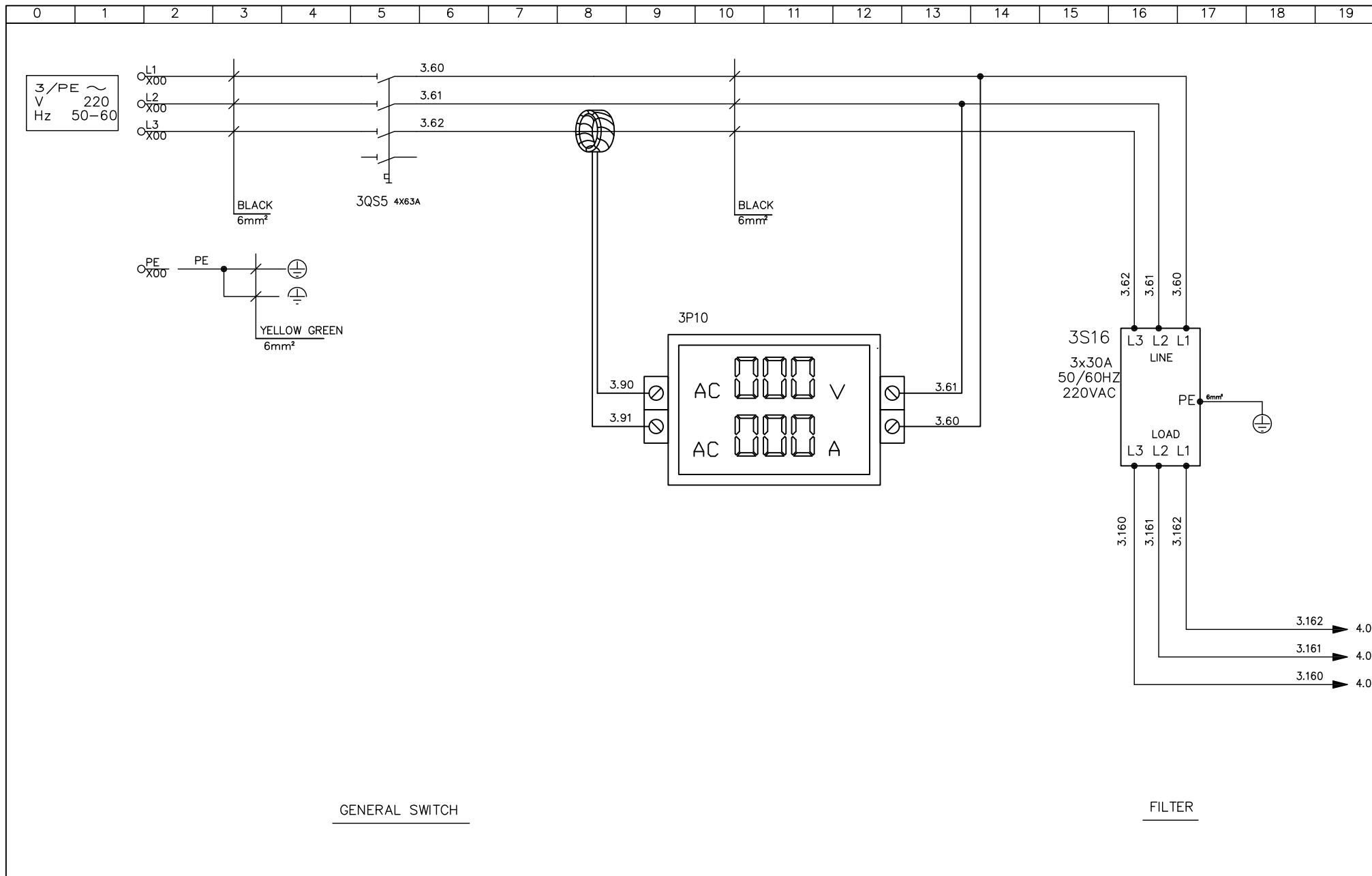
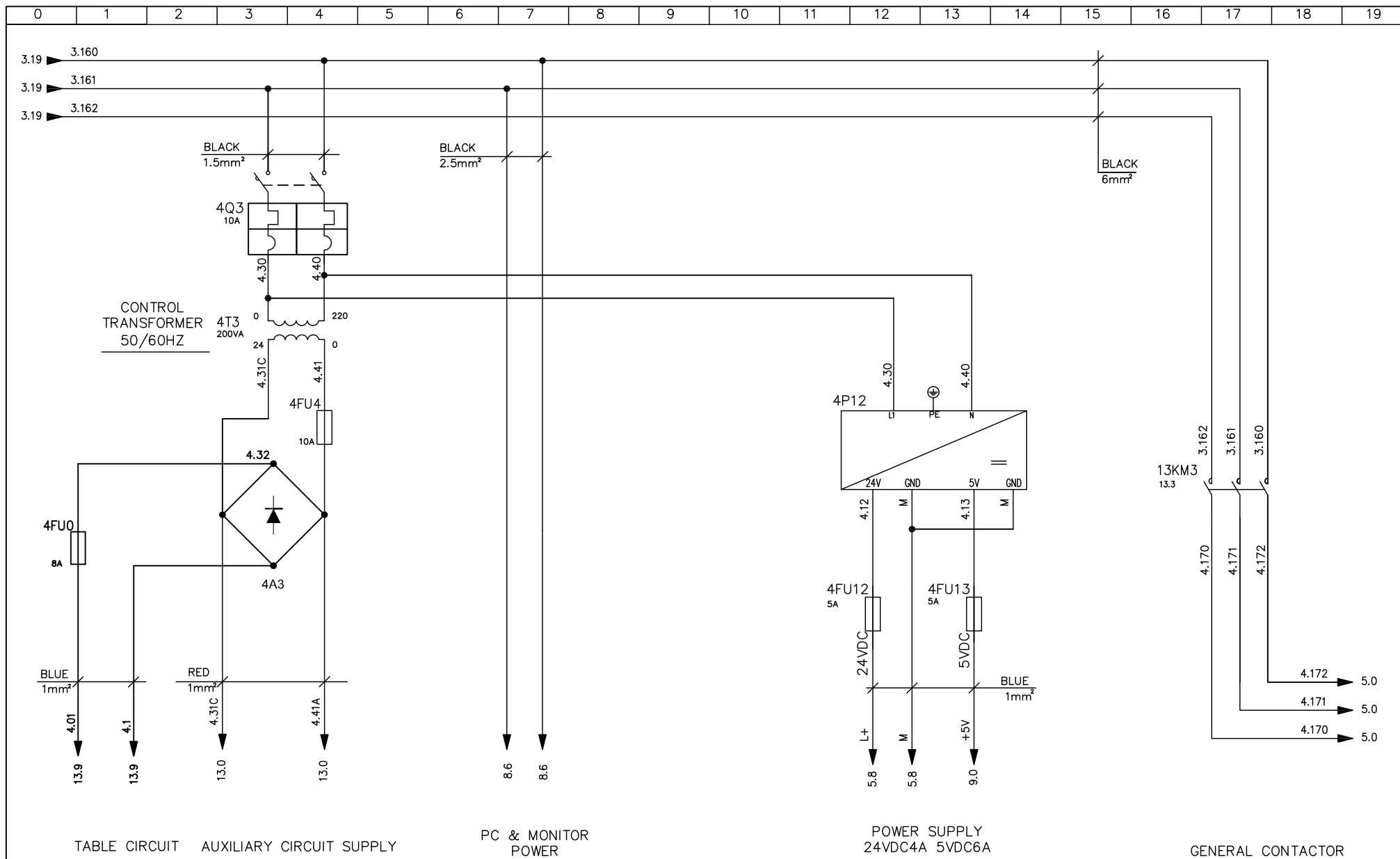
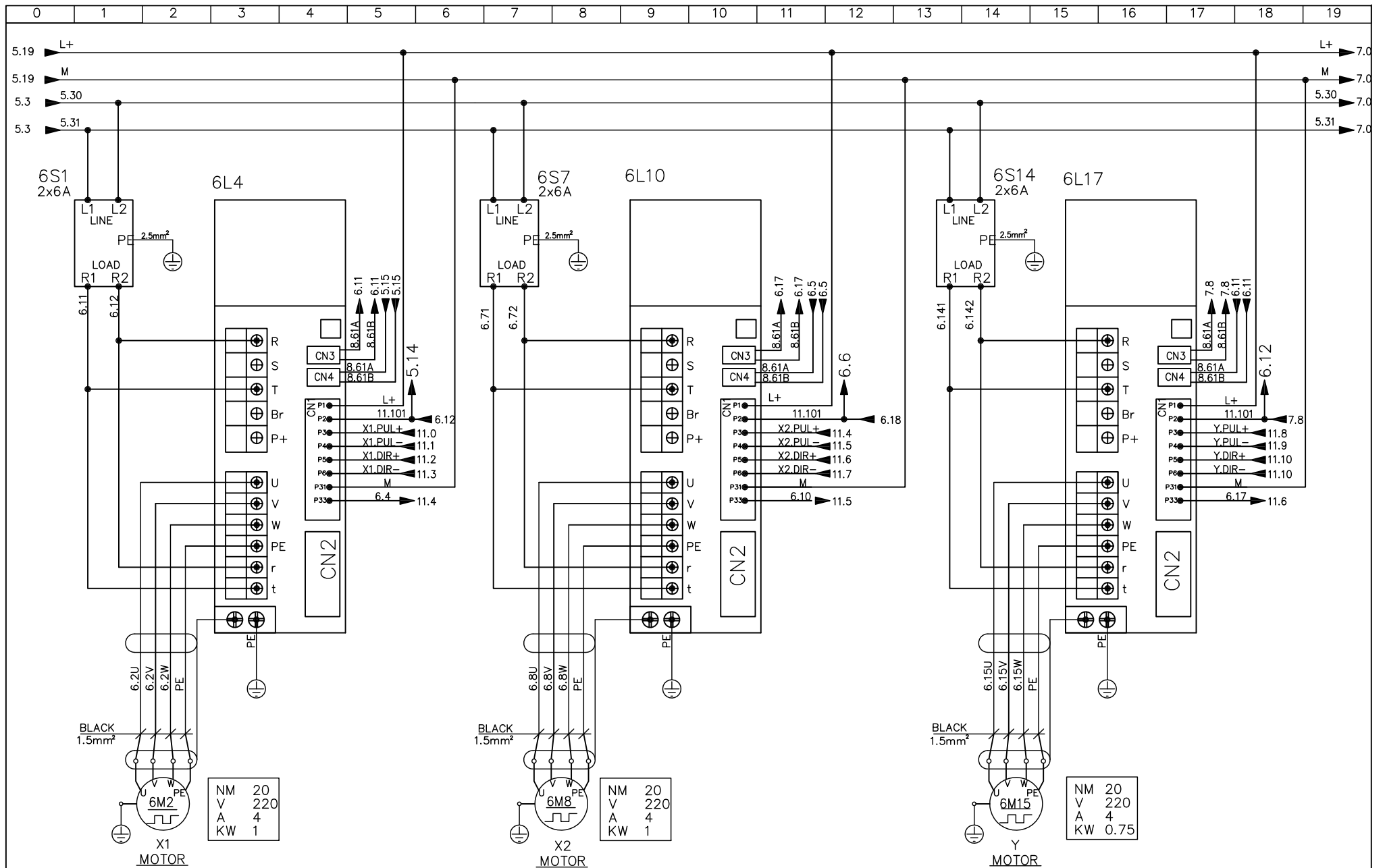


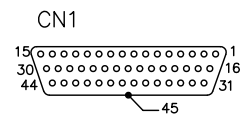
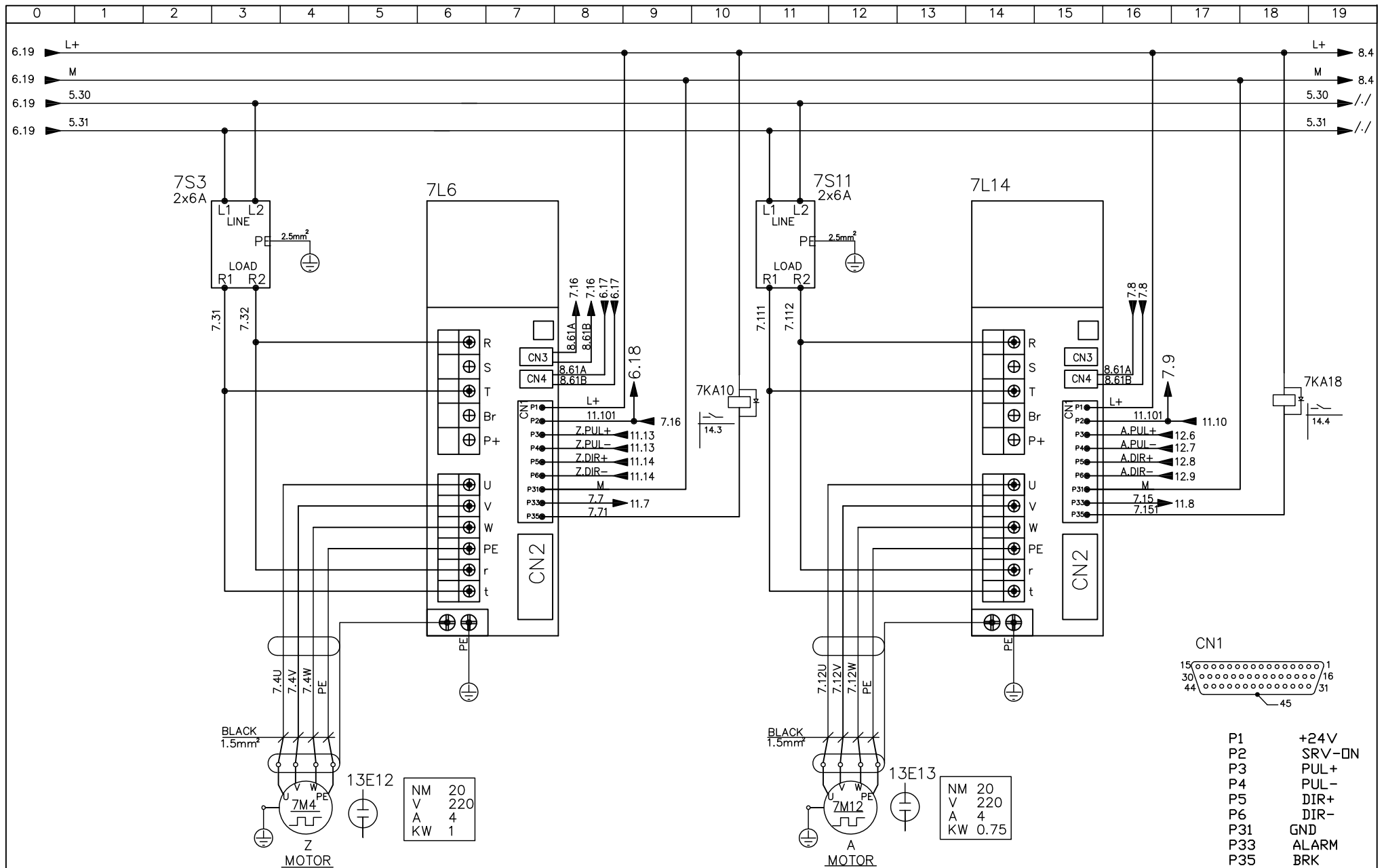
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19																		
AITEK Heng Sheng Road , Gao Chun Economic Development Zone , NANJING, 211300 P. R. CHINA										LOCATION SYMBOLS ☐ Components on the door ☐ Components inside the cubicle (usually omitted) ☐ Machine components (usually omitted)				COMPONENTS DESIGNATION A Compexes, assemblies(amplifiers, regulators, analog boards) B Transducer C Condensers D Logical devices E Component not in this list F Protection Devices G Generators, feeders H Signalling devices K Relays, contactors L Inductors M Motors N Analog integrated circuits P Measuring instruments Q Switches R Resistors S Control devices T Transformers U Modulators converters V Rectifiers, semiconductors W Conductors X Terminal wire clamps, connectors Y Electricity actuating devices Z Impedance adapters, equalizers																							
CLIENTE AITEK CO.,LTD																																					
MACHINE CNC BK4					MAIN POWER SUPPLY VOLT. 220 FREQ. 50-60																																
WIRING DIAGRAM BK4-160302					CUBICLE DIMENSION L (mm) 1835 H (mm) 560 P (mm) 320					COLORS <table> <tr> <td>WH White</td> <td>GN Verde</td> </tr> <tr> <td>YE Yellow</td> <td>BU Blue</td> </tr> <tr> <td>RD Red</td> <td>BK Black</td> </tr> <tr> <td>OG Orange</td> <td></td> </tr> </table>				WH White	GN Verde	YE Yellow	BU Blue	RD Red	BK Black	OG Orange																	
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CONDUCTORS DESIGNATION <table> <thead> <tr> <th>COLOR</th> <th>FUNCTION</th> <th>MINIMUM SECTION</th> </tr> </thead> <tbody> <tr> <td>BLACK</td> <td>power circuit A.C./D.C.</td> <td>0.75 mm²</td> </tr> <tr> <td>RED</td> <td>A.C. auxiliary circuit</td> <td>1 mm²</td> </tr> <tr> <td>BLUE</td> <td>D.C. auxiliary circuit</td> <td>1 mm²</td> </tr> <tr> <td>YELLOW-GREEN</td> <td>protection earth</td> <td>1,5 mm²</td> </tr> <tr> <td>SCREENED CABLE</td> <td>reference - signal</td> <td>0,75 mm²</td> </tr> <tr> <td>RED + / BLUE -</td> <td>thermocouples</td> <td>COMPENSATED CABLE</td> </tr> <tr> <td></td> <td>PLC circuit</td> <td>0,75mm² (0,5mm² I<2A)</td> </tr> </tbody> </table>										COLOR	FUNCTION	MINIMUM SECTION	BLACK	power circuit A.C./D.C.	0.75 mm ²	RED	A.C. auxiliary circuit	1 mm ²	BLUE	D.C. auxiliary circuit	1 mm ²	YELLOW-GREEN	protection earth	1,5 mm ²	SCREENED CABLE	reference - signal	0,75 mm ²	RED + / BLUE -	thermocouples	COMPENSATED CABLE		PLC circuit	0,75mm ² (0,5mm ² I<2A)	MAIN CIRCUIT BREAKER OPERATING TIME:_____ SYMMETRICAL SHORT-CIRCUIT CURRENT:_____			
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THE WIRING DIAGRAM IS INDICATED WITHOUT TENSION, AIR, OIL AND WATER FLOW.										WARNING: THE PROTECTION OF THE MAIN POWER SUPPLY AND THE CONNECTION TO THE EARTH'S SYSTEM ARE DEPENDANT ON THE CUSTOMER. IN RESPECT TO THE EUROPEAN STANDARD EN60439-1 SPECIFICATIONS - CEI 17-13.1 DOSSIER 1433 - AND DPR 547 DD 27/04/1955, THE MAIN POWER SUPPLY MUST BE PROTECTED WITH A PROPER MAGNETIC-THERMAL SWITCH HAVING BREAKING CAPACITY NOT LOWER THAN 10 KILOAMPERE.																											
 www.aitekweb.com		Designed By ZLJ		Checked By		Approved By		Trimness By		Description																											
		Machine BK4		DATA 31.03.2016		Revision BK4-160302		Note		Page 1		Next 2																									



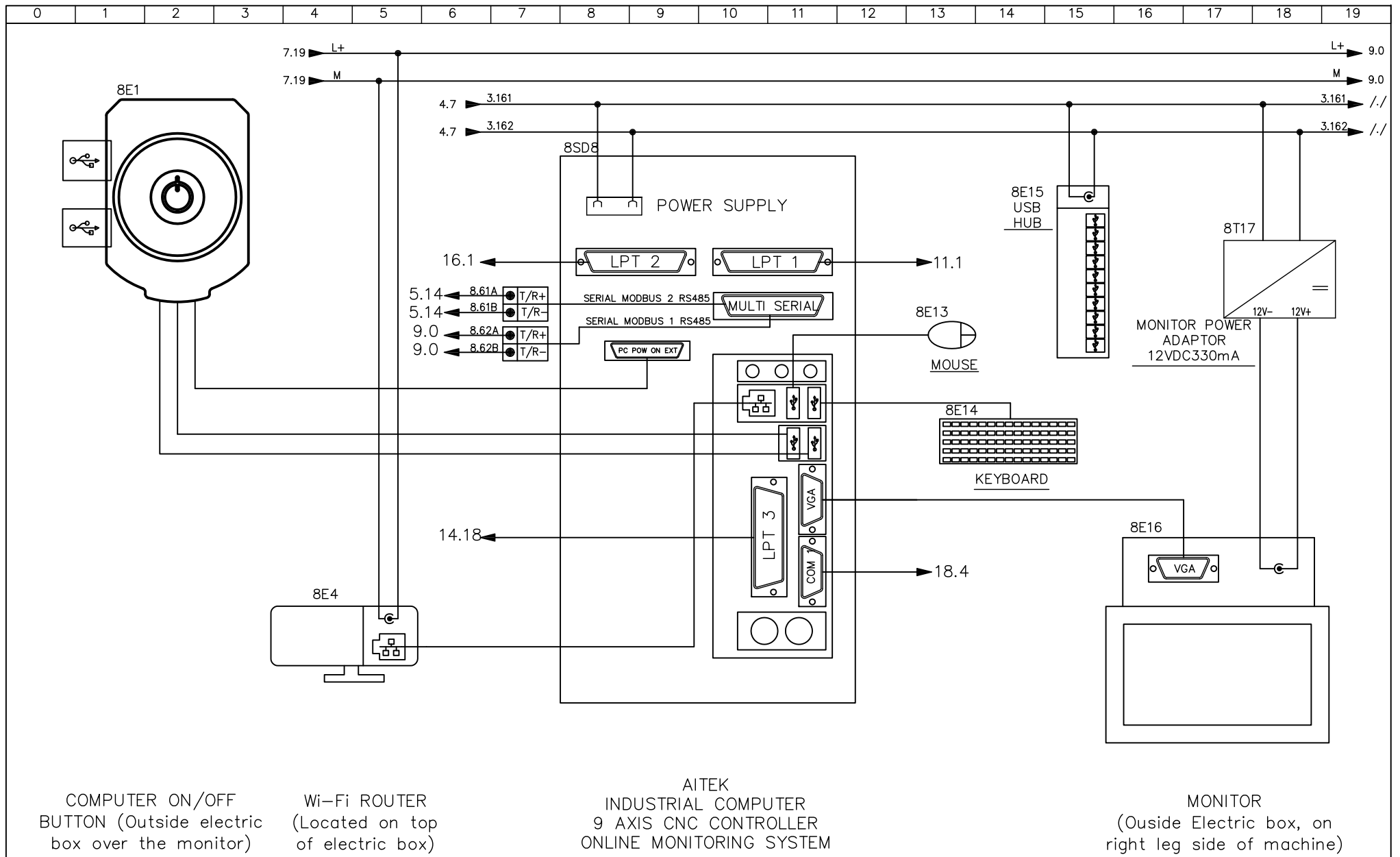
AiTEK www.aitekweb.com	Designed By ZLJ	Checked By	Approved By	Trimness By	Description	POWER LINE	
	Machine	BK4	DATA 31.03.2016	Revision BK4-160302	Note	Page 3	Next 4



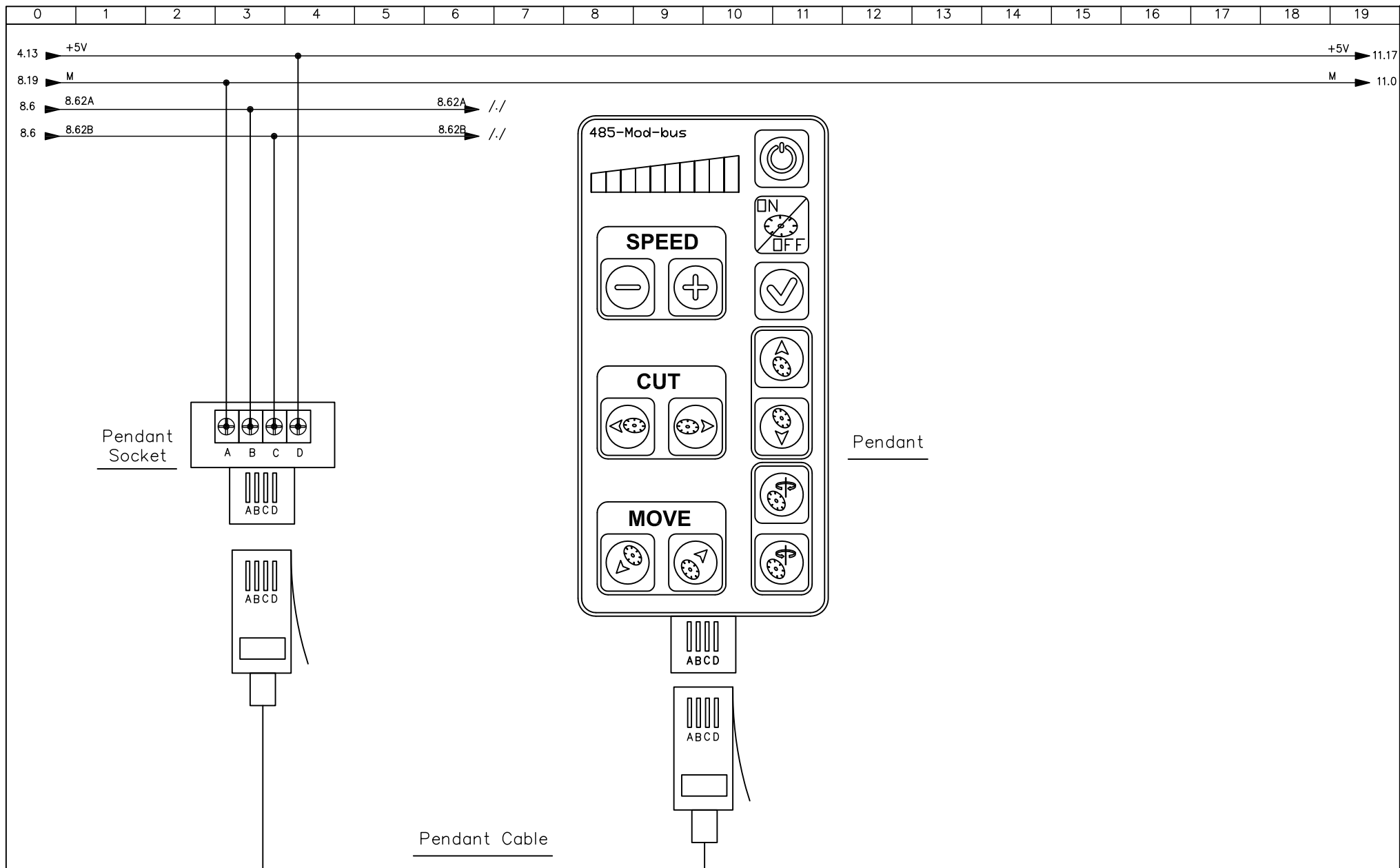




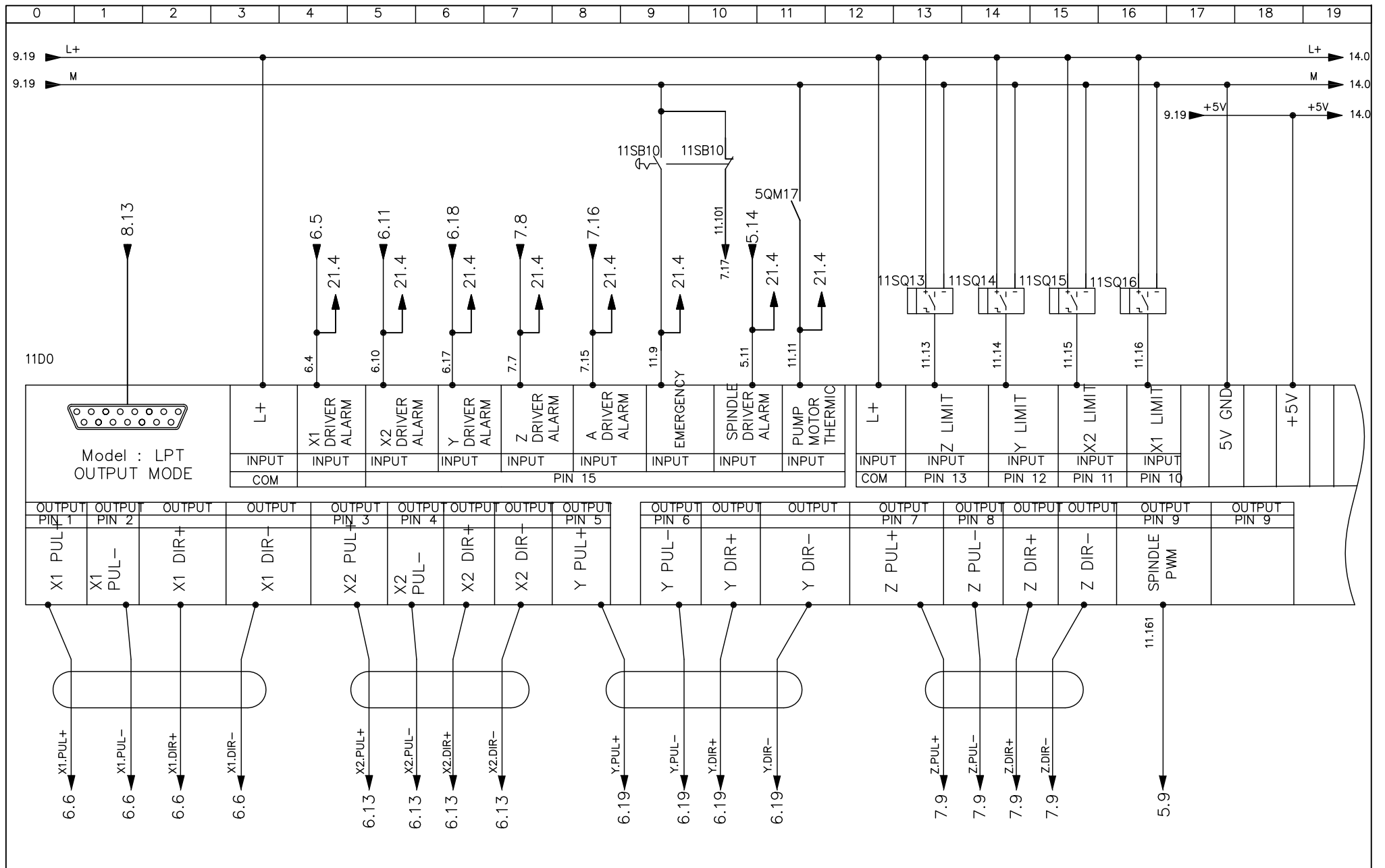
- P1 +24V
- P2 SRV-ON
- P3 PUL+
- P4 PUL-
- P5 DIR+
- P6 DIR-
- P31 GND
- P33 ALARM
- P35 BRK



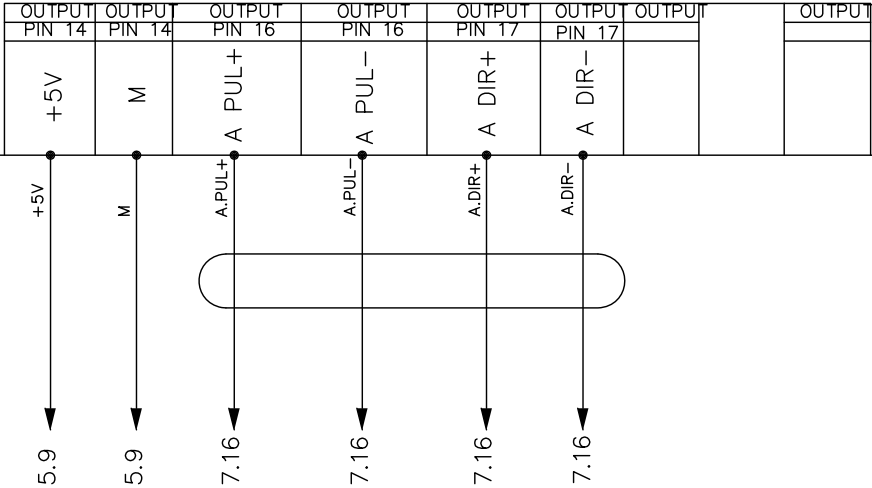
AITEK
INDUSTRIAL COMPUTER
9 AXIS CNC CONTROLLER
ONLINE MONITORING SYSTEM

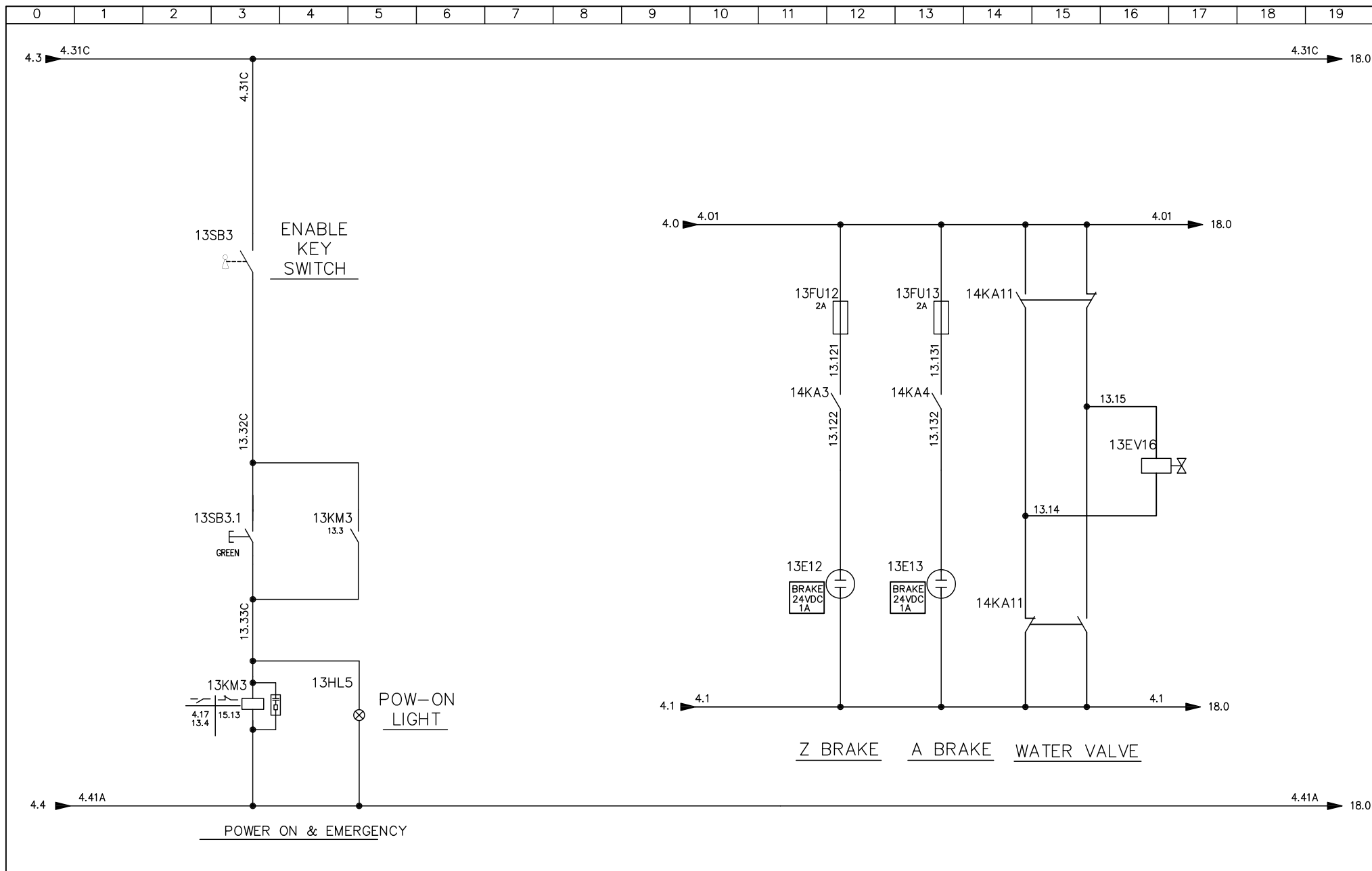


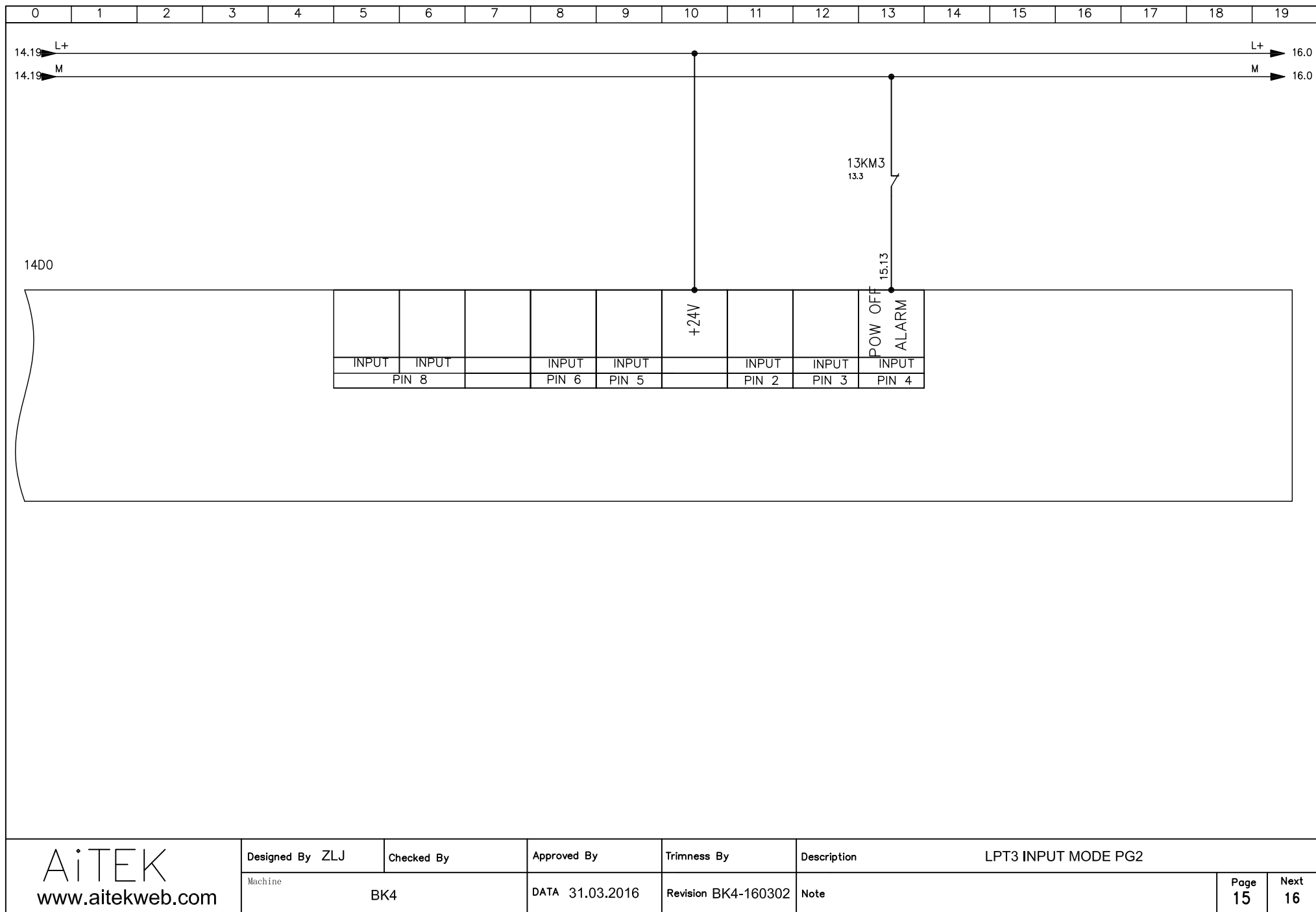
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AiTEK www.aitekweb.com			Designed By ZLJ		Checked By		Approved By		Trimness By		Description											
			Machine BK4					DATA 31.03.2016		Revision BK4-160302		Note								Page 10		Next 11

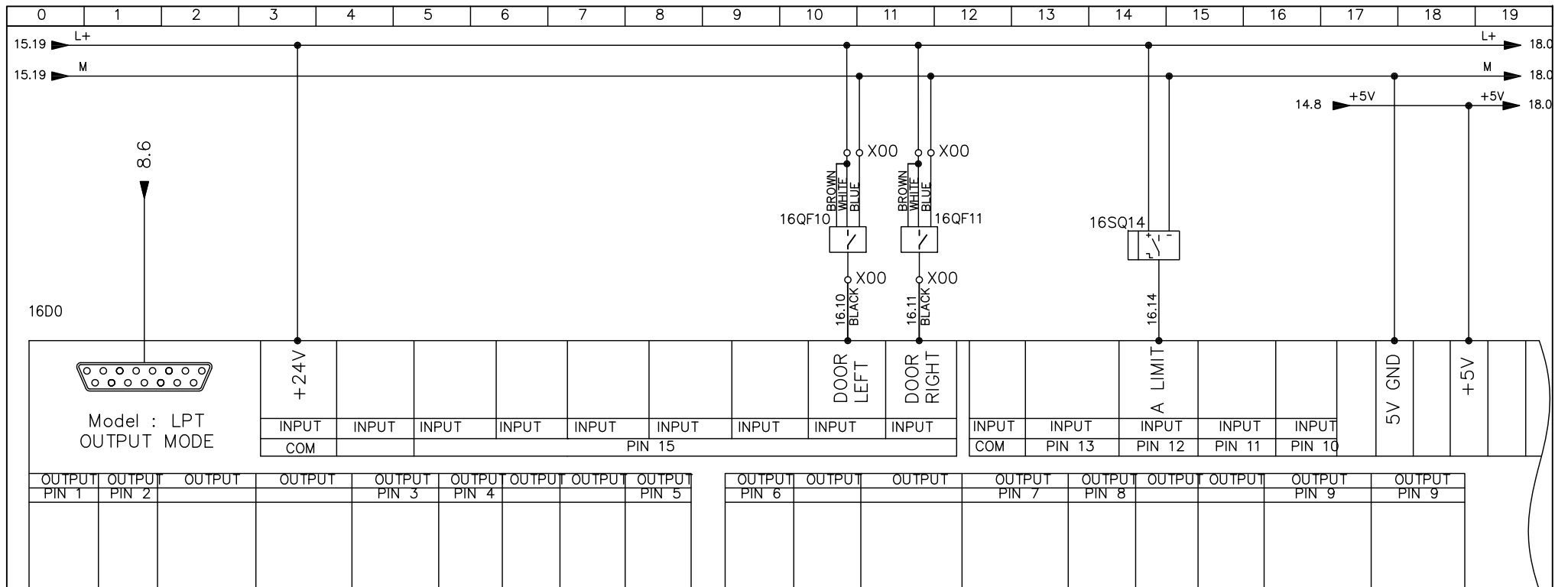


11D0



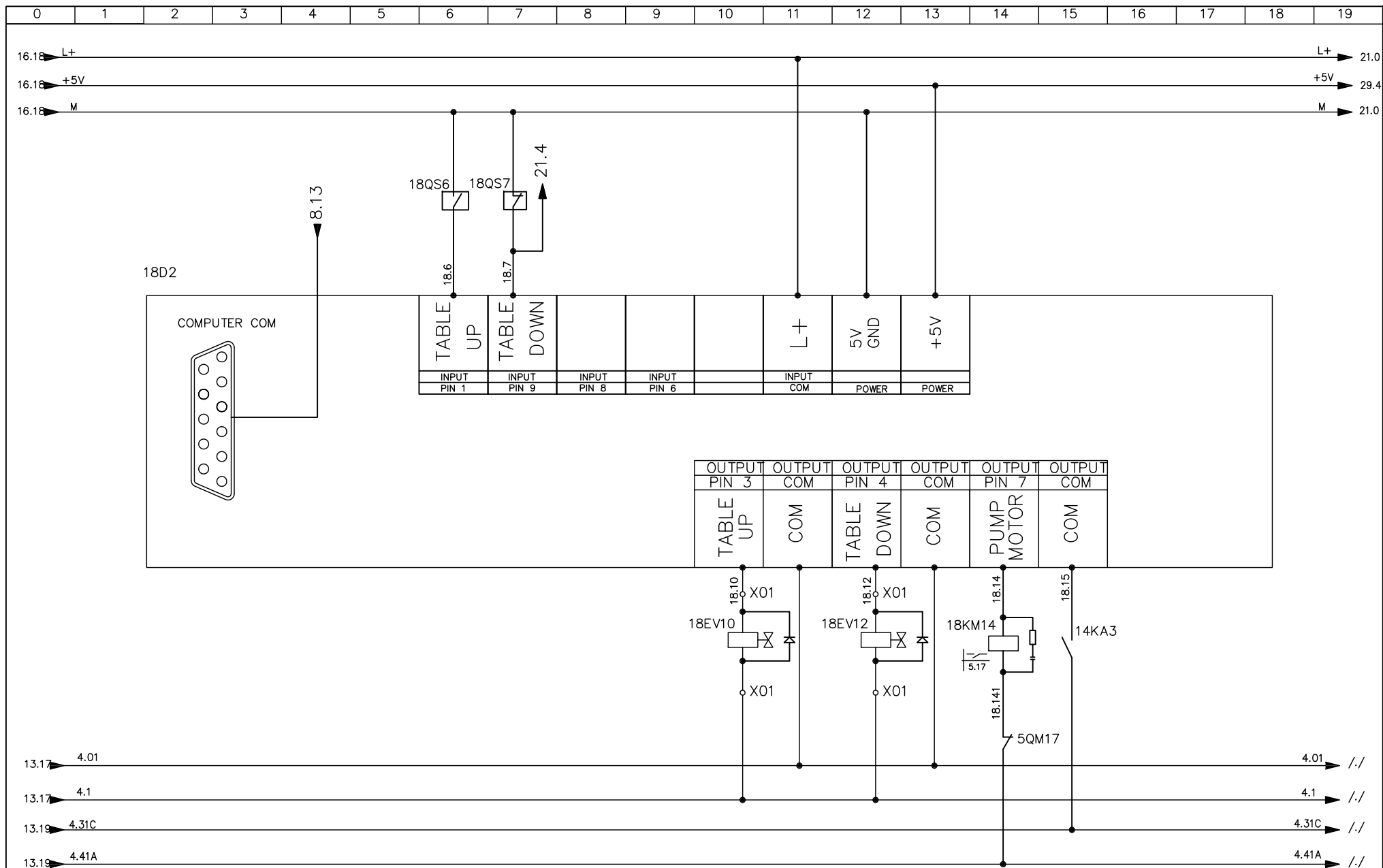


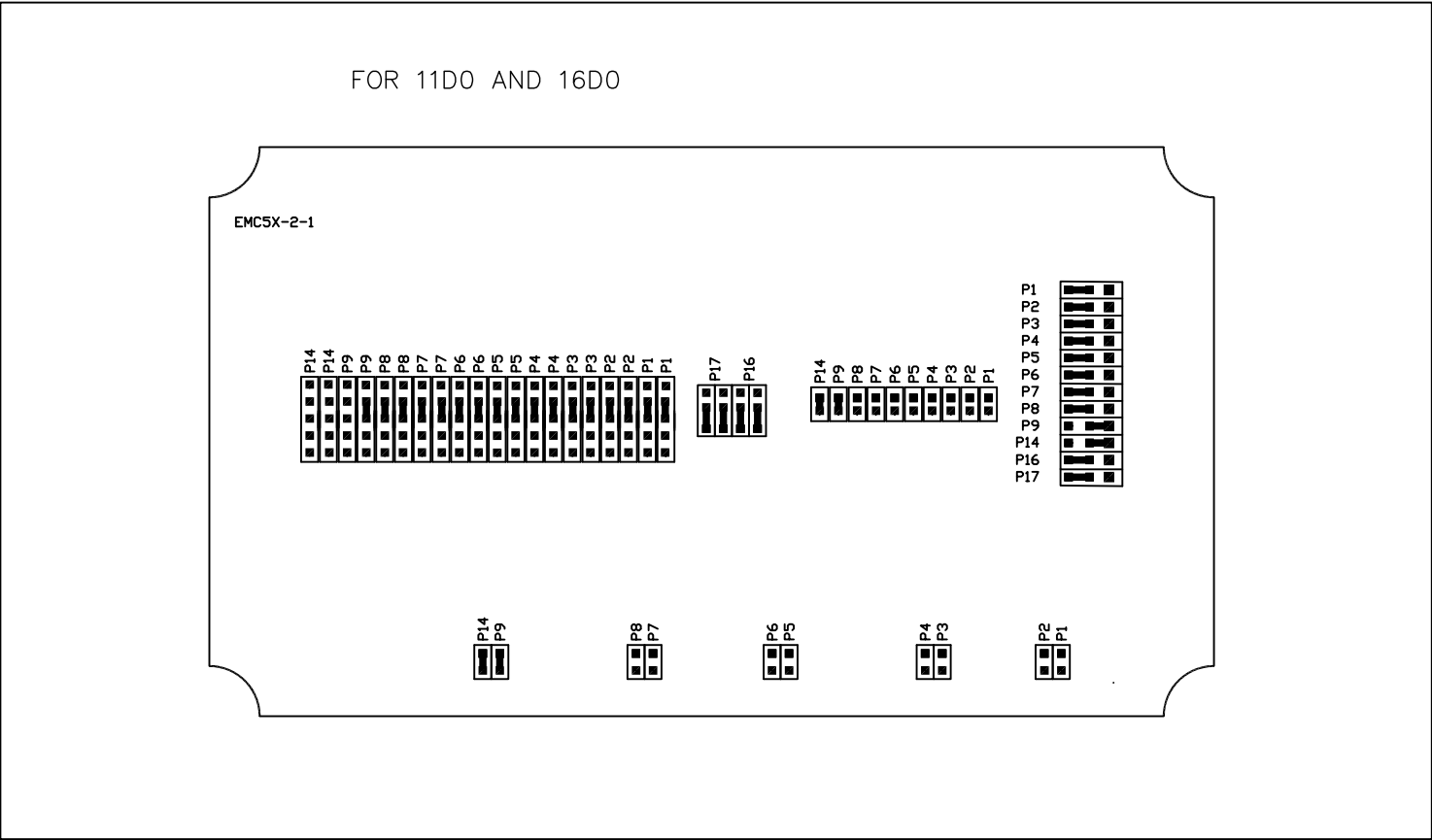




16D0

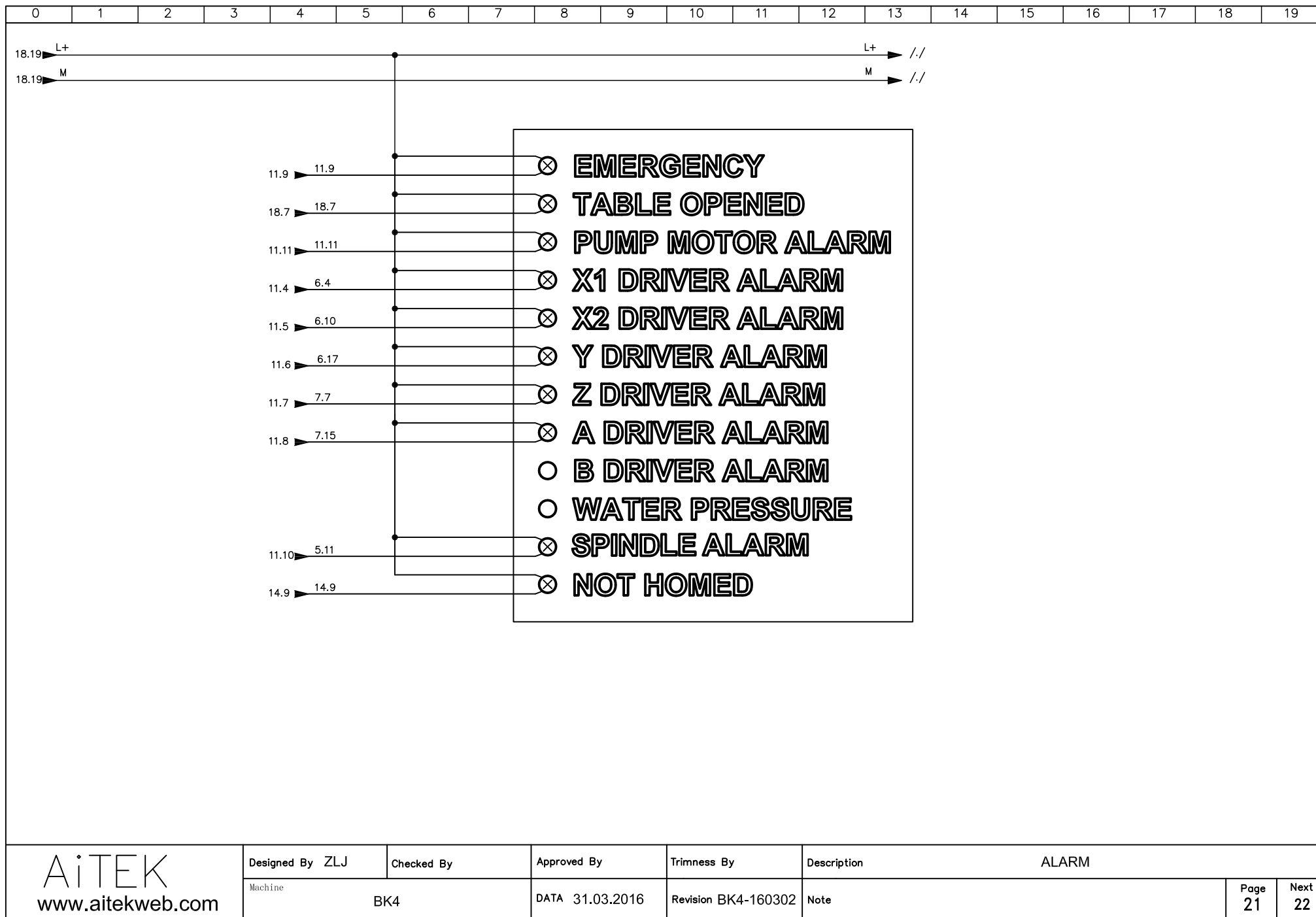
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PIN 14	PIN 14	PIN 16	PIN 16	PIN 17	PIN 17			





OUTPUT CONTROL CARD JUMPERS SETTINGS

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AiTEK www.aitekweb.com		Designed By ZLJ		Checked By		Approved By		Trimness By		Description									
		MachineBK4				DATA 31.03.2016		Revision BK4-160302		Note							Page20	Next21	



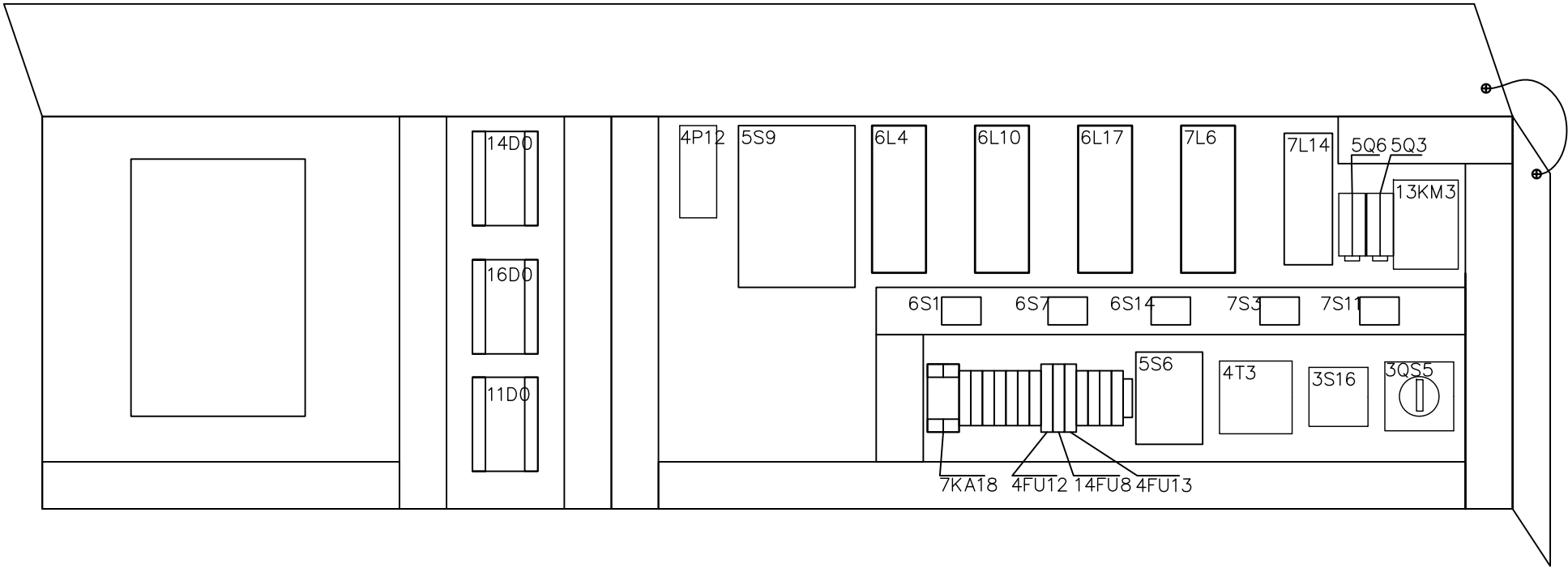
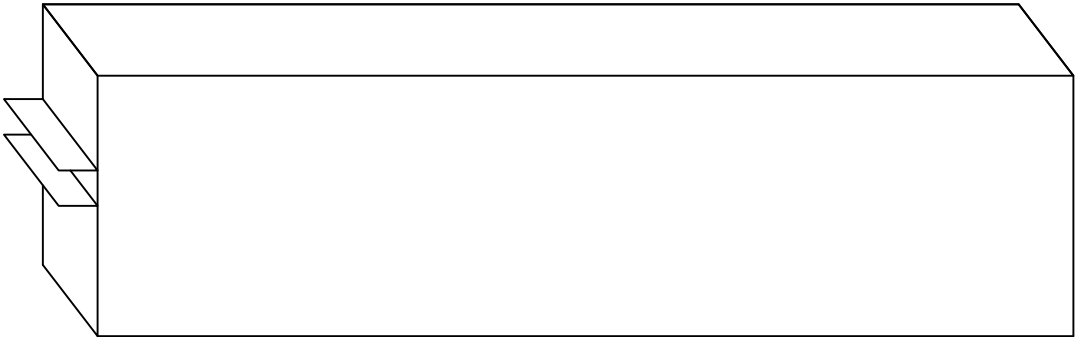
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		Machine		BK4		DATA 31.03.2016		Revision BK4-160302		Note							Page 22	Next 23	

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
AiTEK www.aitekweb.com			Designed By ZLJ		Checked By		Approved By		Trimness By		Description								Page	Next
			Machine BK4		DATA 31.03.2016		Revision BK4-160302		Note	23									24	

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
AiTEK www.aitekweb.com		Designed By ZLJ		Checked By		Approved By		Trimness By		Description									
		Machine		BK4		DATA 31.03.2016		Revision BK4-160302		Note							Page 24	Next 25	

Page	Cod	Manufacturer	Manufacturers COD.
3	3QS5	GLELE	GLD11-63/08 +4P
3	3S16	FILTEMC	FT121-20
3	3P10	--	--
4	4T3	CHNT	NDK(BK)-150VA
4	4P12	WH	D-120B
4	4FU13	Phoenix	2A-250V
4	4FU12	Phoenix	5A-250V
4	4Q3	Schneider	IC65N 2P D10A
4	4A3	--	--
4	4FU0	Phoenix	5A-250V
5	5Q3	Schneider	IC65N 2P D10A
5	5Q6	Schneider	IC65N 3P D10A
5	5S6	FILTEMC	FT130-10
5	5S9	POWTRAN	PI9130A
5	5R10	--	500W 30Ω
5	5M11	--	--
5	5Q17	Schneider	IC65N 3P D10A
5	5QM17	Schneider	LRD08
5	5M17	--	--
6	6S1	EMI	SGAA1-6A2
6	6L4	LEADSHINE	L5-1000
6	6M2	LEADSHINE	ACM8010M2H-51-B
6	6S7	EMI	SGAA1-6A2
6	6M8	LEADSHINE	ACM8010M2H-51-B
6	6L10	LEADSHINE	L5-1000
6	6S14	EMI	SGAA1-6A2
6	6M15	LEADSHINE	ACM8010M2H-51-B
6	6L17	LEADSHINE	L5-1000
7	7S3	EMI	SGAA1-6A2
7	7M4	LEADSHINE	ACM8010M2H-51-B
7	7L6	LEADSHINE	L5-1000
7	7S11	EMI	SGAA1-6A2
7	7M12	LEADSHINE	ACM8008L2G-60-B
7	7L14	LEADSHINE	ACH750
7	7KA10	OMRON	G2R-2-SND(S) 24V DC
7	7KA18	OMRON	G2R-2-SND(S) 24V DC

Page	Cod	Manufacturer	Manufacturers COD.
8	8E1	--	POWER
8	8E4	--	WIFI
8	8SD8	AITEK	INDUSTRIAL COMPUTER
8	8E13	--	MOUSE
8	8E14	--	KEYBOARD
8	8E15	--	USB HUB
8	8E16	--	MONITOR
8	8T17	--	MONITOR POWER
11	11D0	AITEK	LPT OUTPUT CARD
11	11SQ13	SANWEVI	M12-NPN NO
11	11SQ14	SANWEVI	M12-NPN NO
11	11SQ15	SANWEVI	M12-NPN NO
11	11SQ16	SANWEVI	M12-NPN NO
11	11SB10	RENY	RAPNR4-22Ø
13	13KM3	Schneider	LC1D 50AB7C
13	13SB3	RENY	RAPNR4-22Ø
13	13SB3.1	RENY	R2PIF-22Ø
13	13EV16	CNSY	4V210-08
13	13FU12	Phoenix	1.5A-250V
13	13FU13	Phoenix	1.5A-250V
14	14EV9	CNSY	4V210-08
14	14EV11	CNSY	4V210-08
14	14D0	AITEK	LPT INPUT CARD
14	14KA3	Omron	G2R-2-SND(S) 24V DC
14	14KA4	Omron	G2R-2-SND(S) 24V DC
14	14FU8	Phoenix	1.5A-250V
14	14KA11	Omron	G2R-2-SND(S) 24V DC
16	16QF10	--	--
16	16QF11	--	--
16	16SQ14	SANWEVI	M12-NPN NO
18	18D2	AITEK	--
18	18KM14	Schneider	LC1D18
18	18QS6	--	--
18	18QS7	--	--
18	18EV10	CNSY	4V210-08
18	18EV12	CNSY	4V210-08



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	5	
F0.04	0~9	0	
F0.11	0,1,2,3,4	1	
F0.13	0.0s~6500s	1.00	
F0.14	0.0s~6500s	1.00	
F0.18	0.5k~16k	10k	Hz
F0.19	50.00Hz~3200.00Hz	1000.00	Hz
F1.04	-	30	
F9.00		6005	9600BPS
F9.01	0~3	3	(8-N-1)
F9.02	1~250	6	
F9.05	0~3	1	MODBUS
F9.07		0	MODBUS

Servo Driver Parameter

Name	Range	X1	X2	Y	Z	A
PA-003		13	13	13	13	13
PA-004		750	750	800	800	450
PA-006	0/1	0	0	0	0	0
PA-410	101-181	181	181	181	181	181
PA-529		21	21	21	21	21
PA-531	1-256	1	2	3	4	5

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
AiTEK www.aitekweb.com		Designed By ZLJ		Checked By		Approved By		Trimness By		Description									
		Machine BK4				DATA 31.03.2016		Revision BK4-160302		Note							Page 28	Next /./	