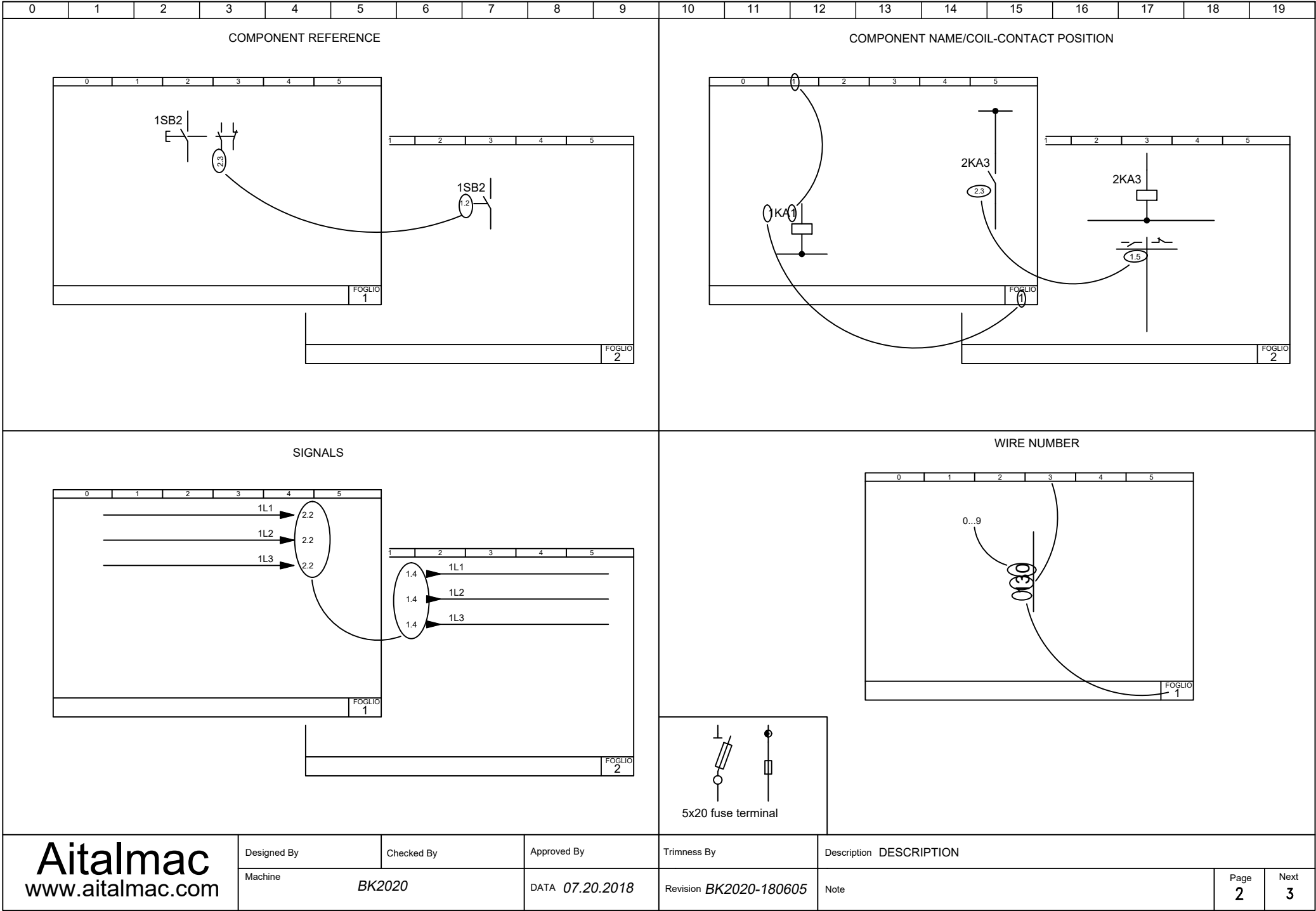
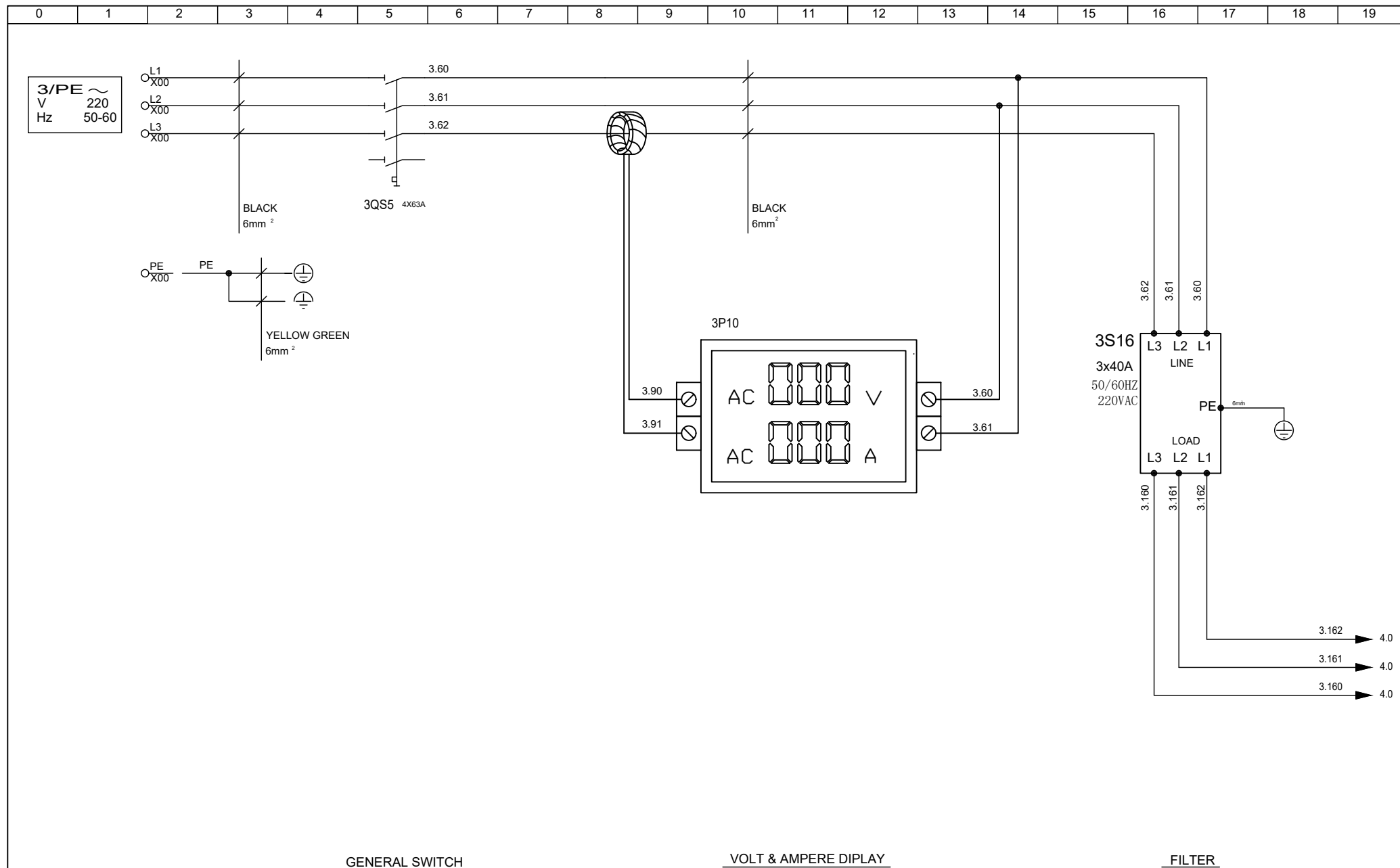
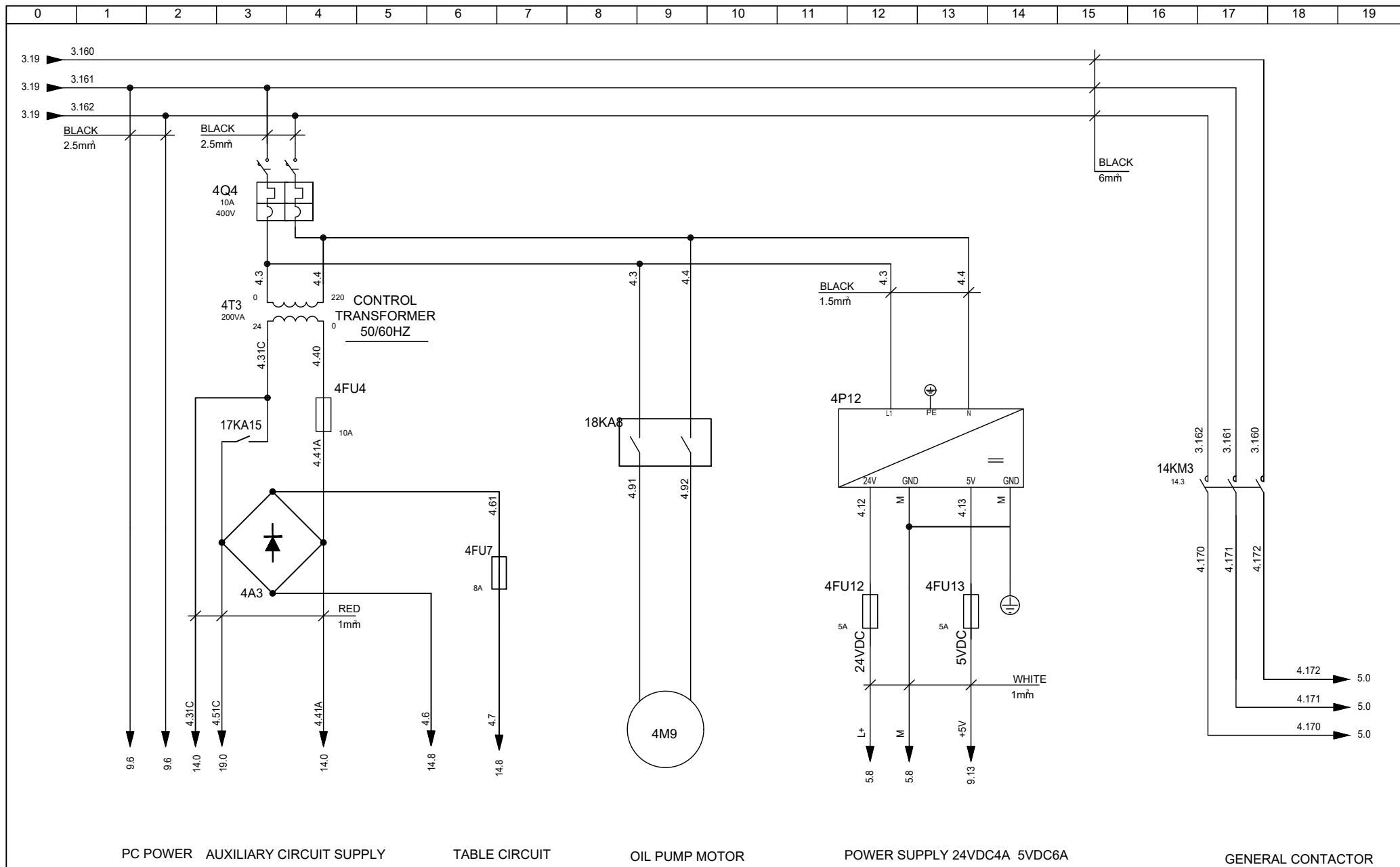


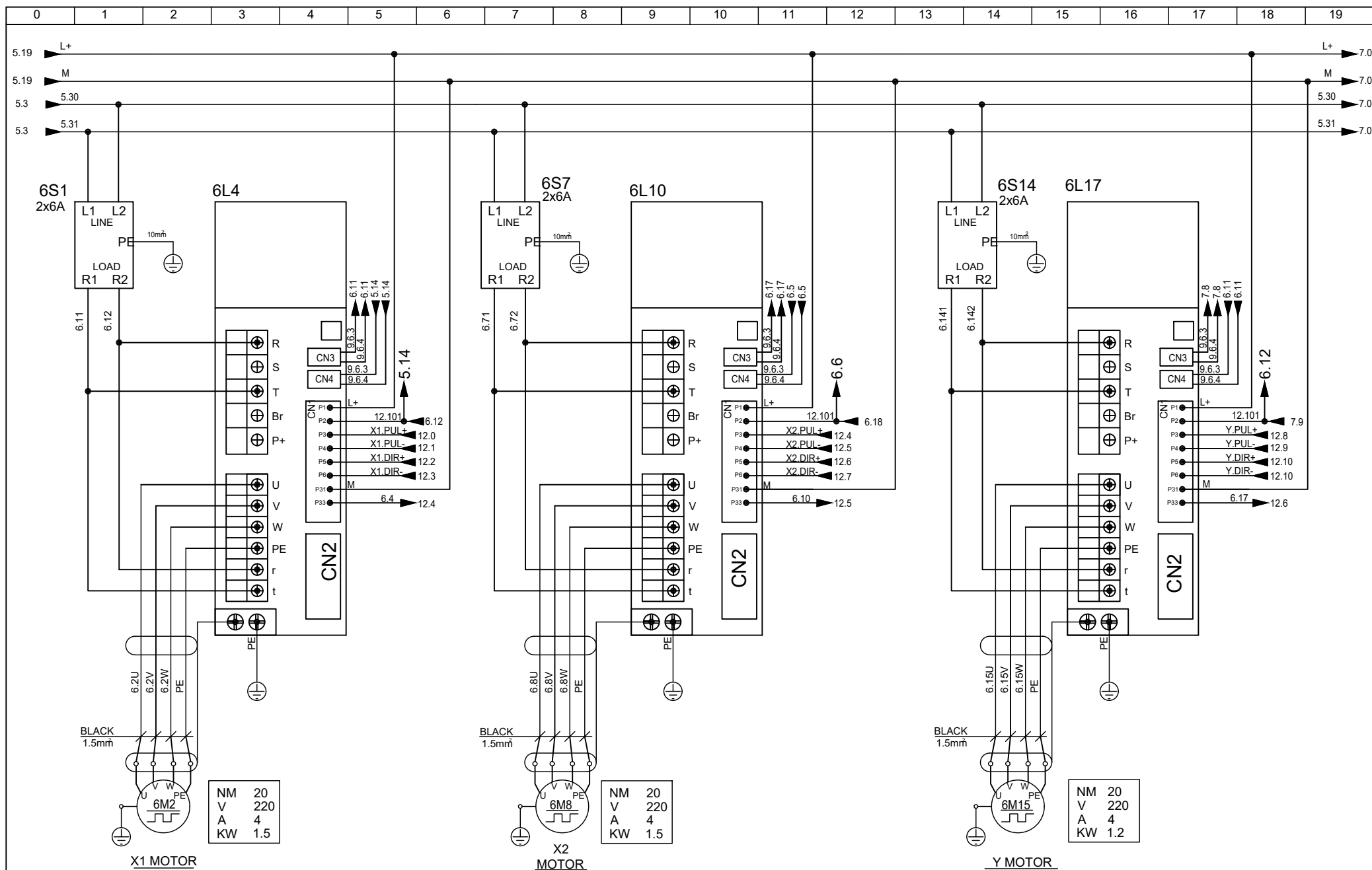
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19																												
AitalMac Heng Sheng Road , Gao Chun Economic Development Zone , NANJING,211300 P.R.CHINA										LOCATION SYMBOLS ☐ Components on the door ☐ Components inside the cubicle (usually omitted) ☐ Machine components (usually omitted)			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 <u>AitalMac CO.,LTD</u>																																															
MACHINE <u>CNC</u> <u>BK2020</u>					MAIN POWER SUPPLY VOLT. <u>220</u> FREQ. <u>50-60</u>																																										
WIRING DIAGRAM <u>BK2020-180605</u>					CUBICLE DIMENSION L (mm) <u>1835</u> H (mm) <u>560</u> P (mm) <u>320</u>																																										
CONDUCTORS DESIGNATION <table border="1" style="width: 100%;"> <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>1,5 mm ²</td> </tr> <tr> <td>RED</td> <td>A.C. auxiliary circuit</td> <td>1,5 mm ²</td> </tr> <tr> <td>BLUE</td> <td>D.C. auxiliary circuit</td> <td>1,5 mm ²</td> </tr> <tr> <td>WHITE or GRAY</td> <td>D.C. auxiliary circuit (with blue neutral wire)</td> <td>1,5 mm ²</td> </tr> <tr> <td>YELLOW-GREEN</td> <td>protection earth</td> <td>1,5 mm ²</td> </tr> <tr> <td>SCREENED CABLE</td> <td>reference - signal</td> <td>0,75 mm ²</td> </tr> <tr> <td>RED + / BLUE -</td> <td>thermocouples</td> <td>COMPENSATED CABLE</td> </tr> <tr> <td></td> <td>PLC circuit</td> <td>0,75mm (Ø,5mm I<2A)²</td> </tr> </tbody> </table>										COLOR	FUNCTION	MINIMUM SECTION	BLACK	power circuit A.C./D.C.	1,5 mm ²	RED	A.C. auxiliary circuit	1,5 mm ²	BLUE	D.C. auxiliary circuit	1,5 mm ²	WHITE or GRAY	D.C. auxiliary circuit (with blue neutral wire)	1,5 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 (Ø,5mm I<2A) ²	COLORS <table border="1" style="width: 100%;"> <tbody> <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> </tbody> </table>			WH White	GN Verde	YE Yellow	BU Blue	RD Red	BK Black	OG Orange	
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THE WIRING DIAGRAM IS INDICATED WITHOUT TENSION, AIR, OIL AND WATER FLOW.										MAIN CIRCUIT BREAKER OPERATING TIME:_____ SYMMETRICAL SHORT-CIRCUIT CURRENT:_____																																					
										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.																																					
Aitalmac www.aitalmac.com		Designed By		Checked By		Approved By		Trimness By		Description																																					
		Machine		<i>BK2020</i>		DATA <i>07.20.2018</i>		Revision <i>BK2020-180605</i>		Note						Page 1	Next 2																														

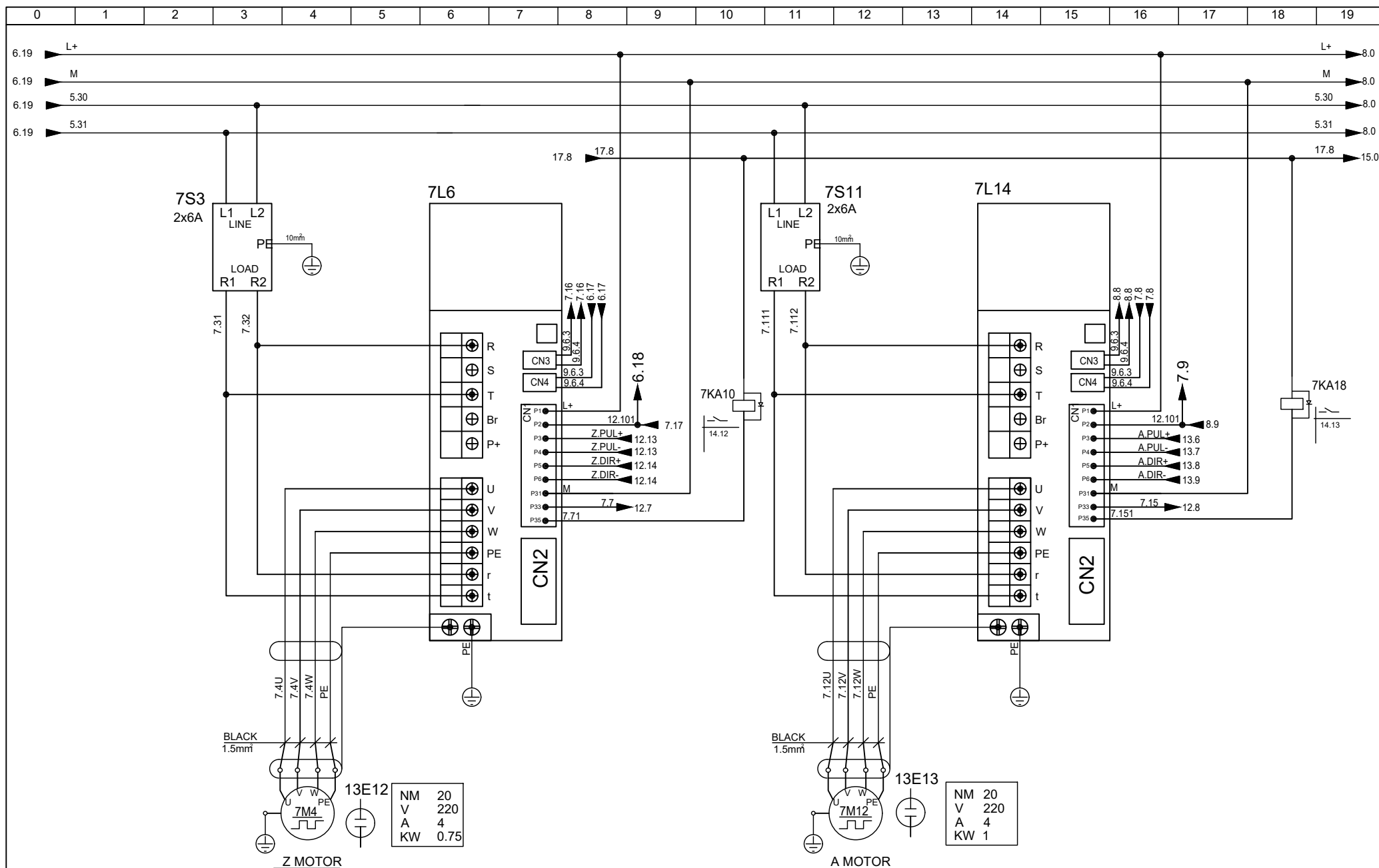


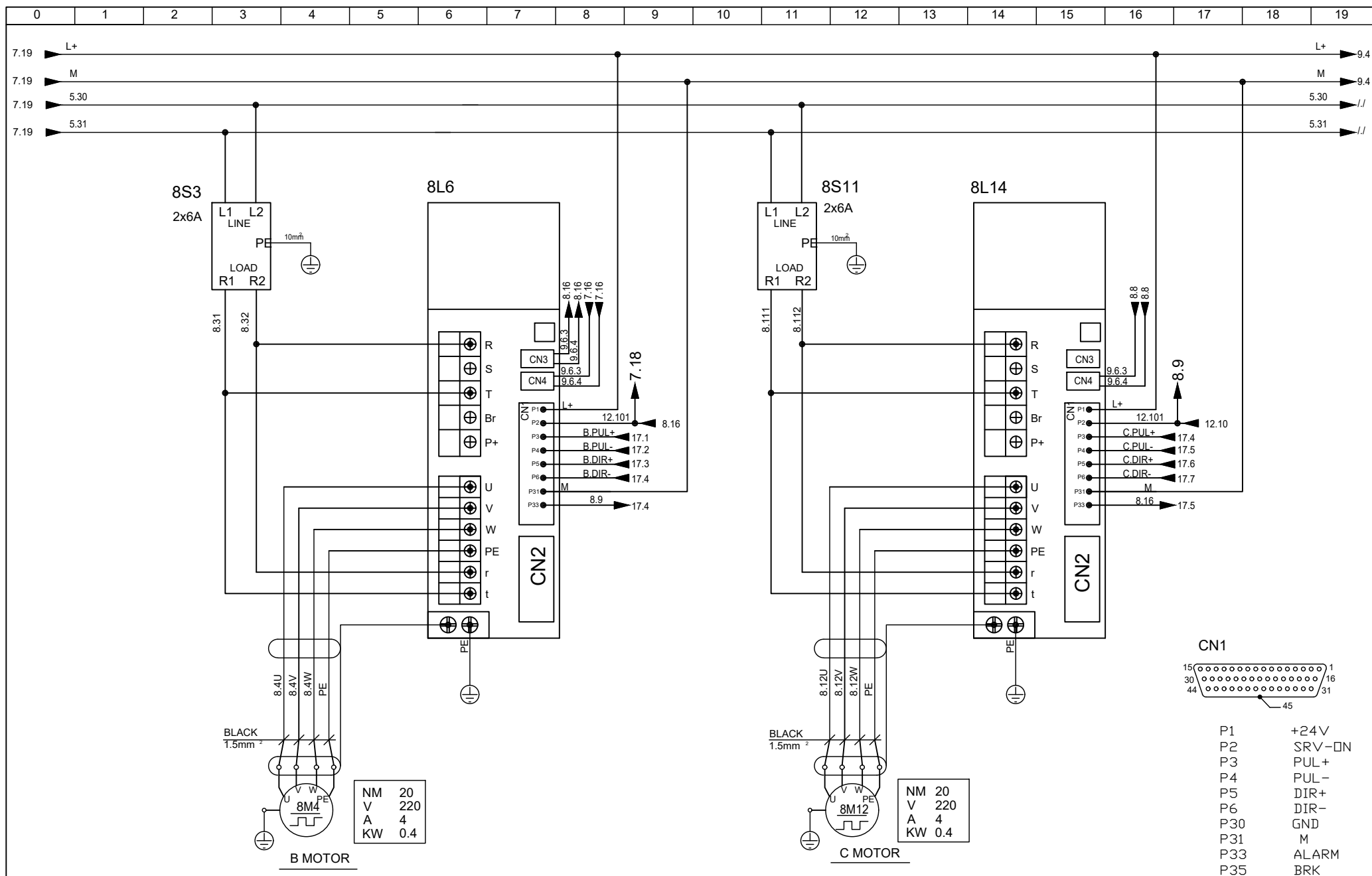
COMPONENT NAME/COIL-CONTACT POSITION

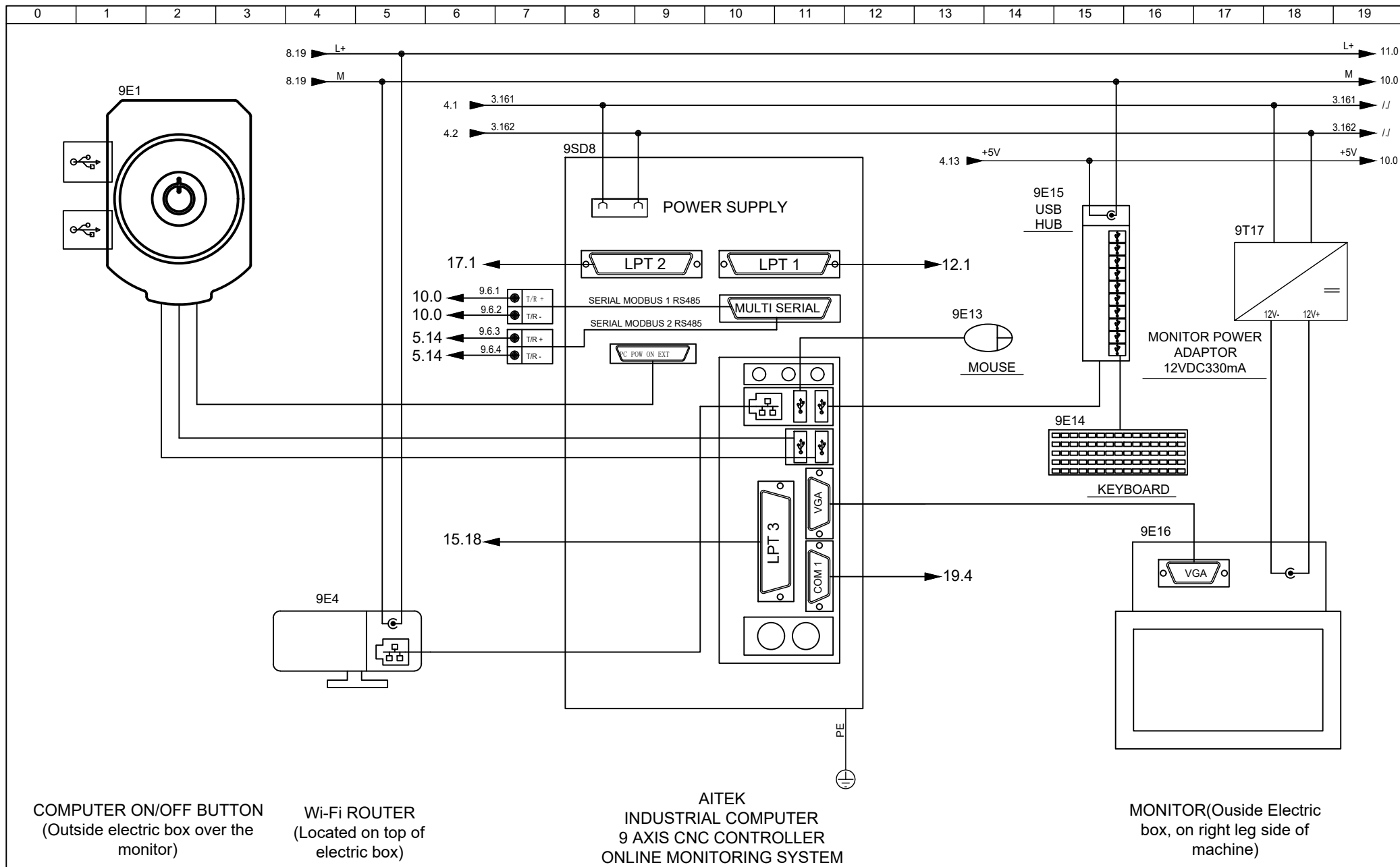


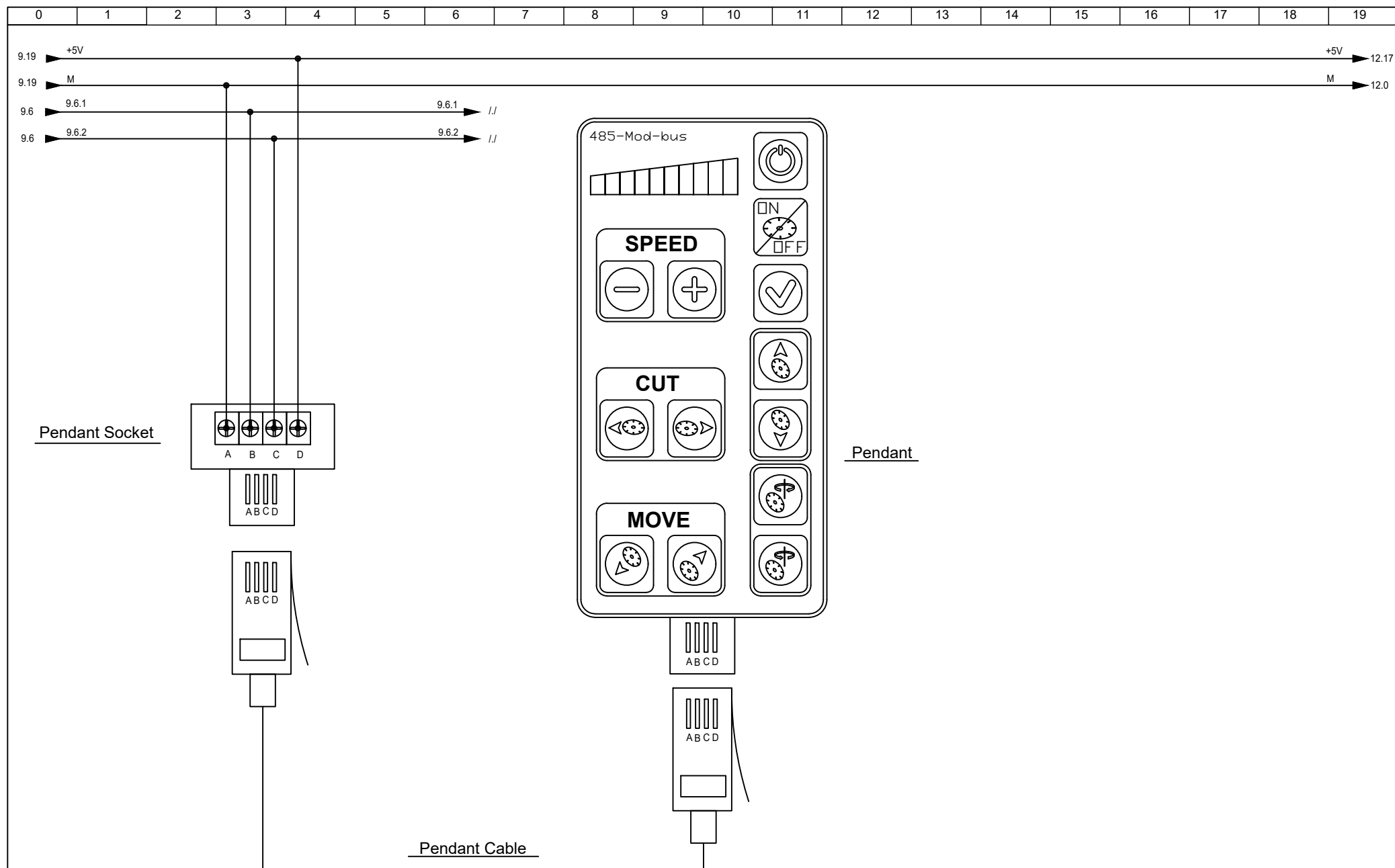




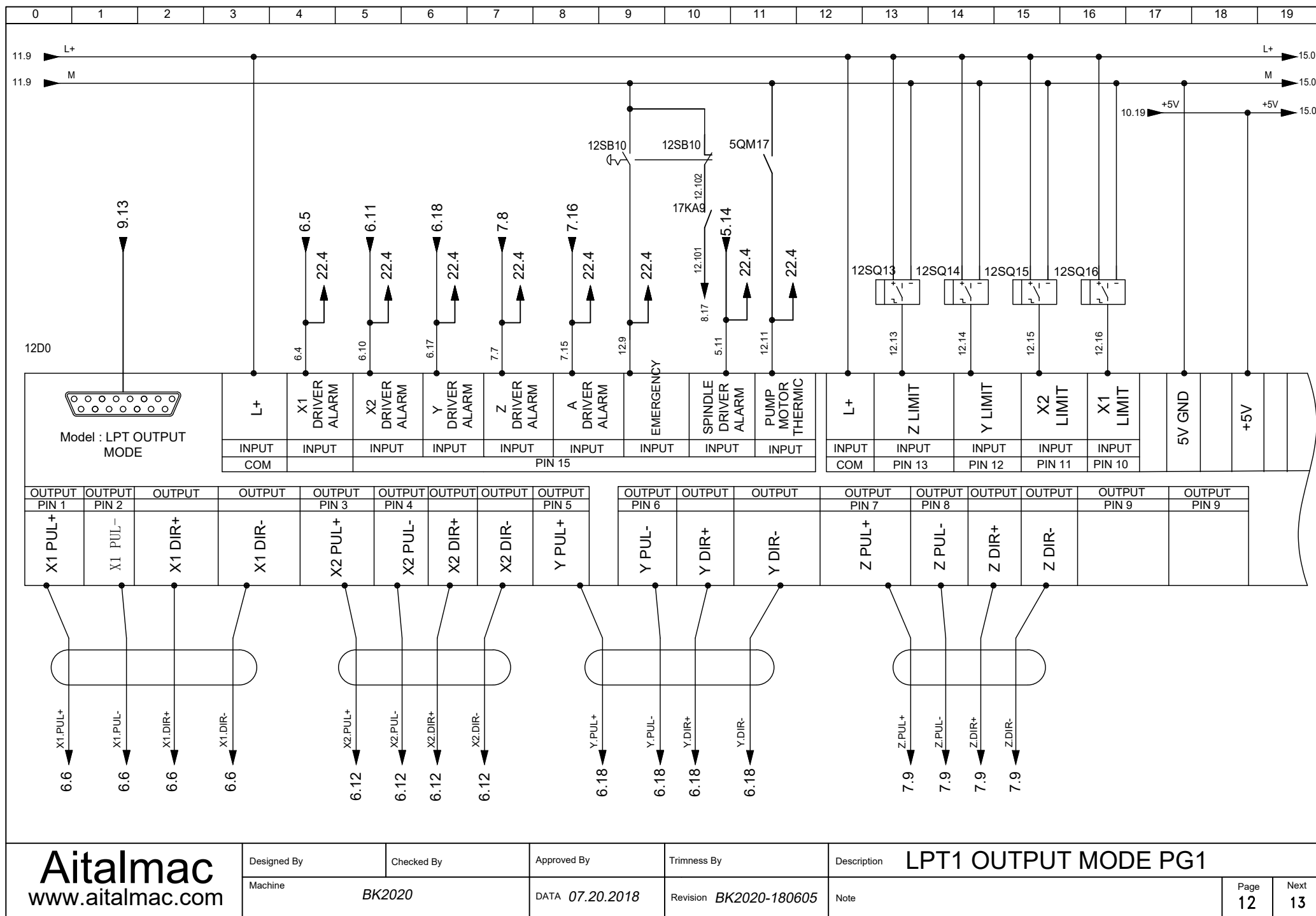




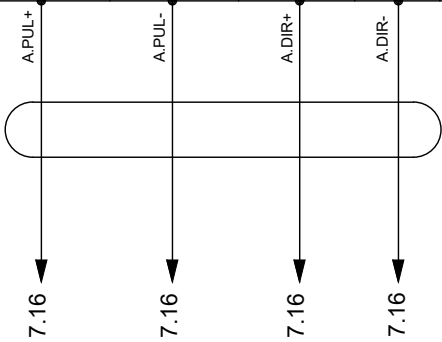
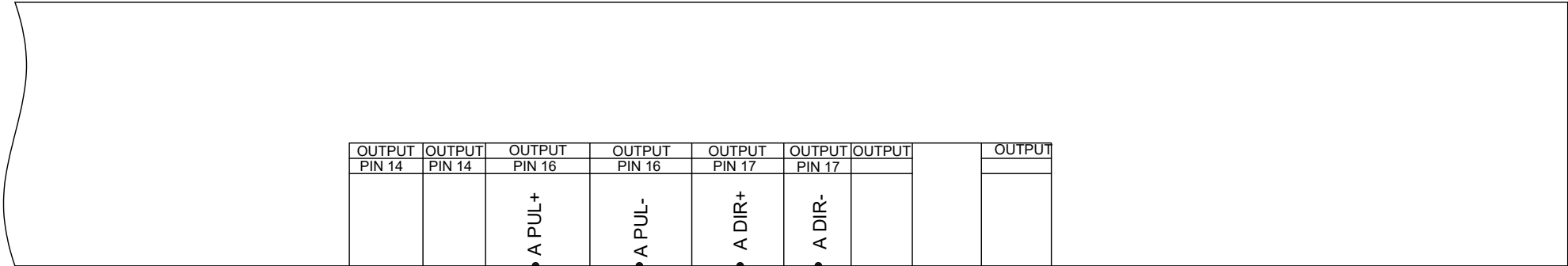


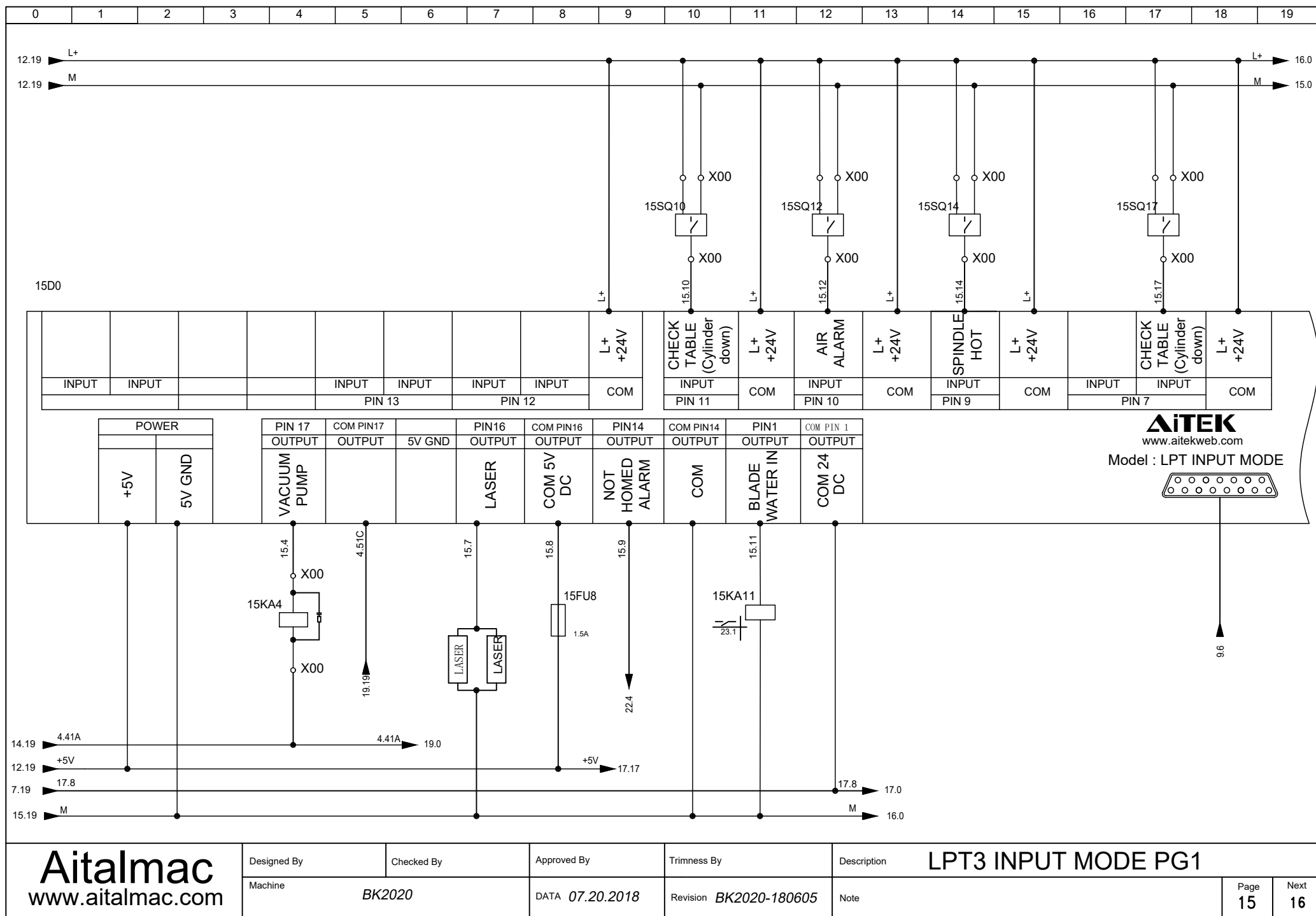


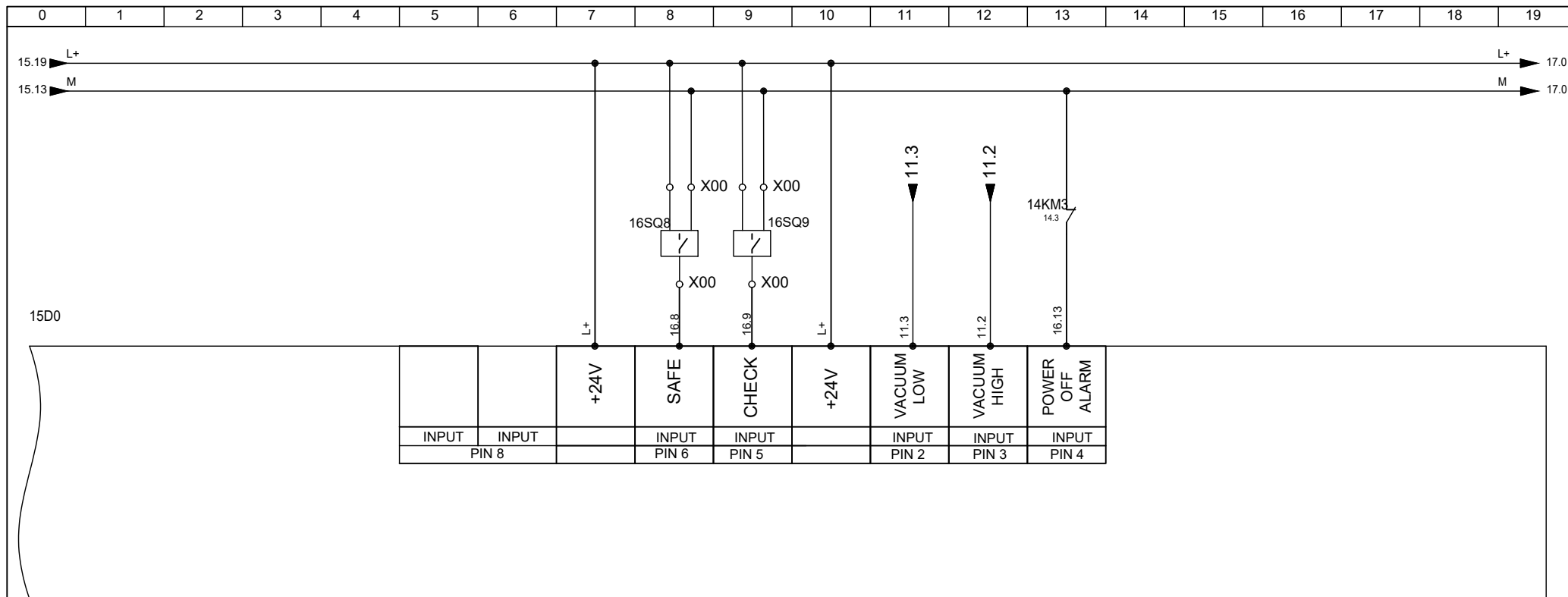
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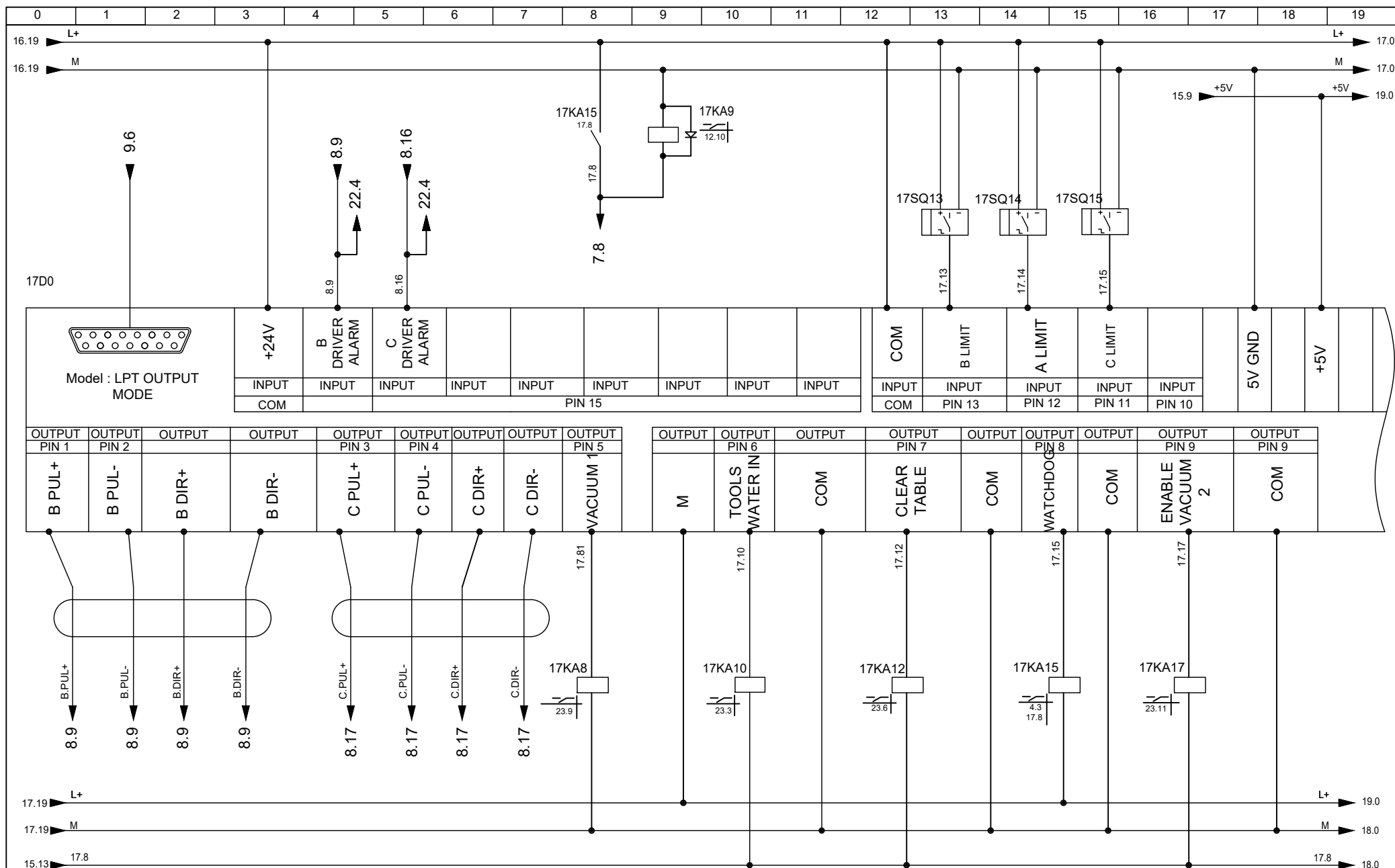


12D0

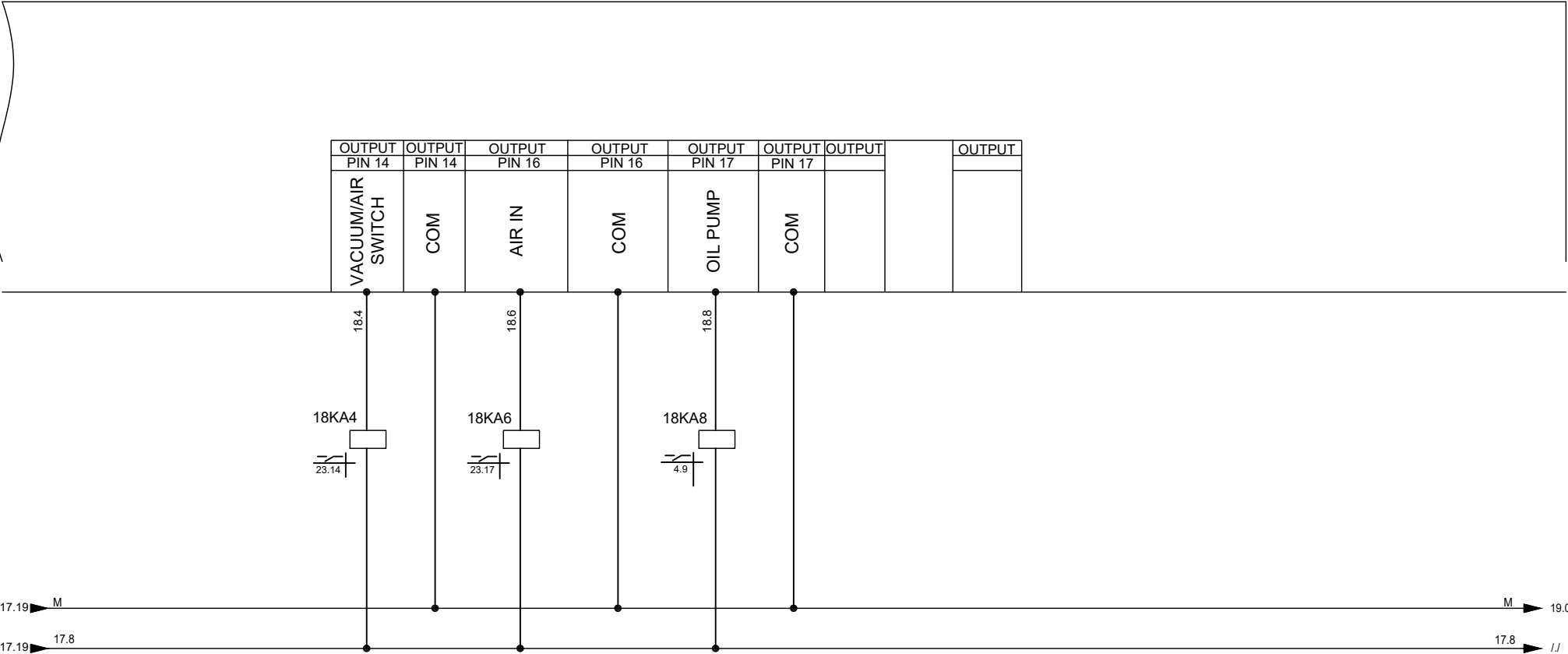


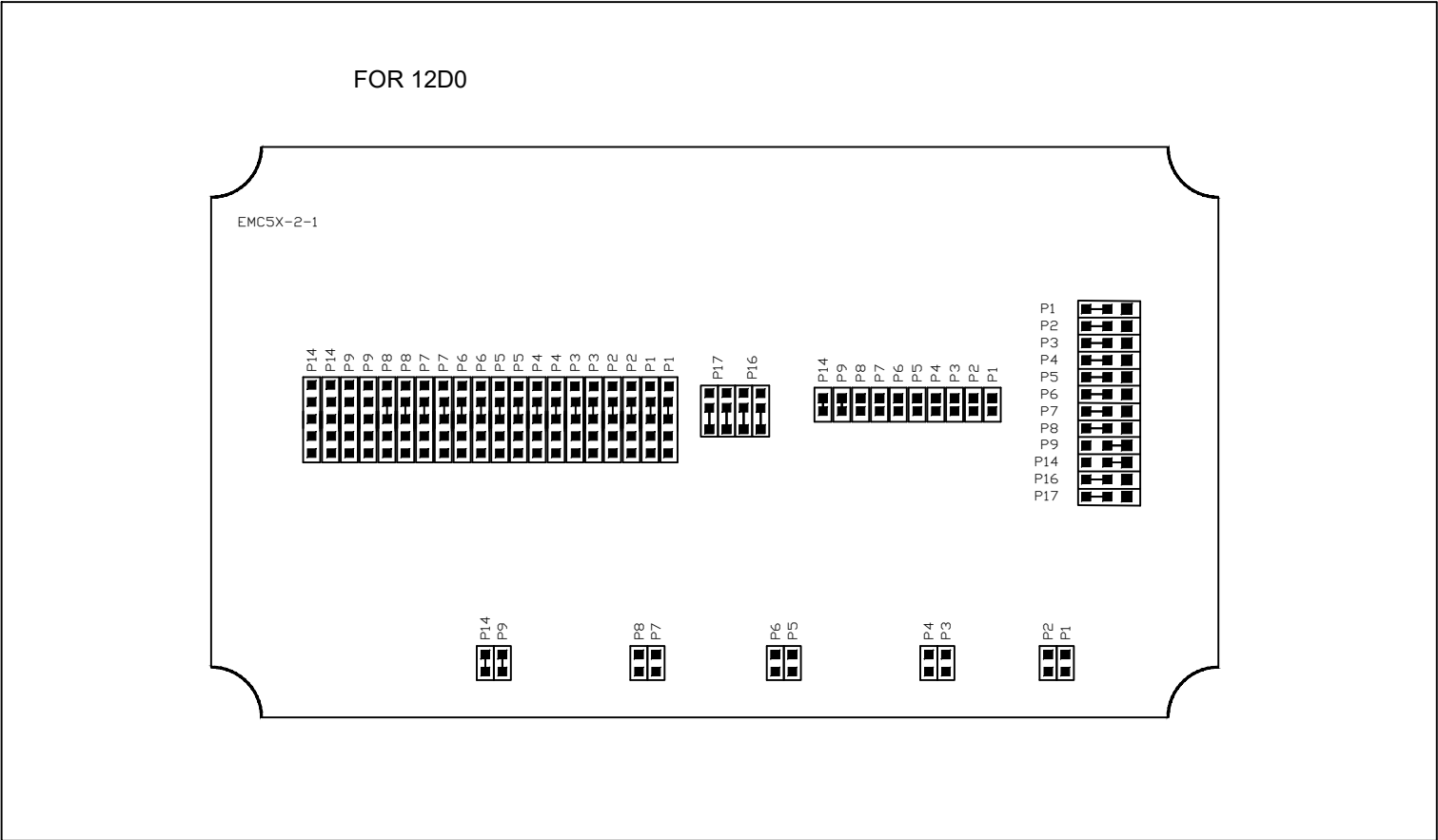






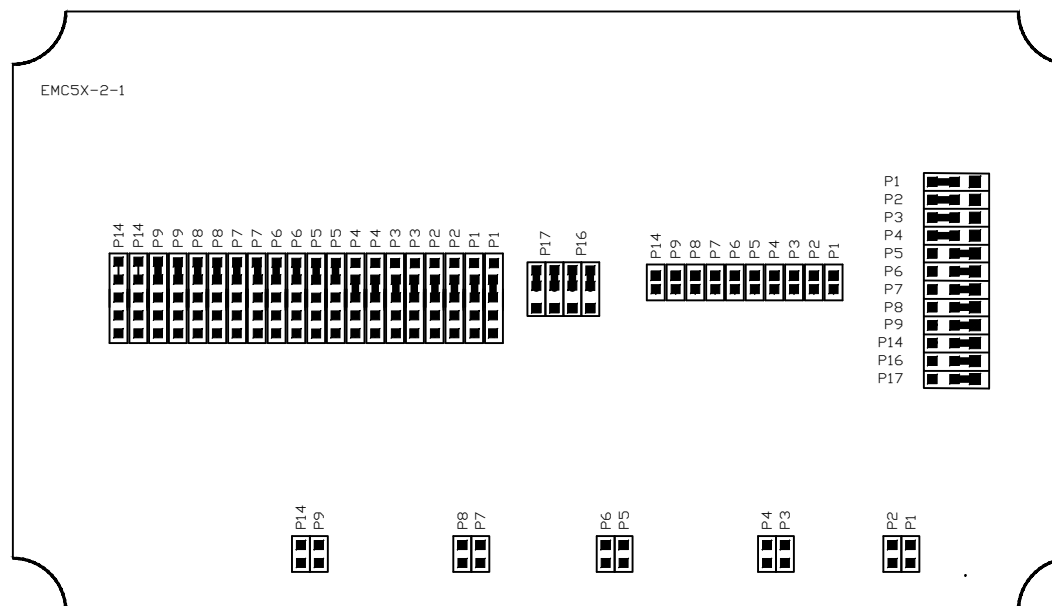
17D0



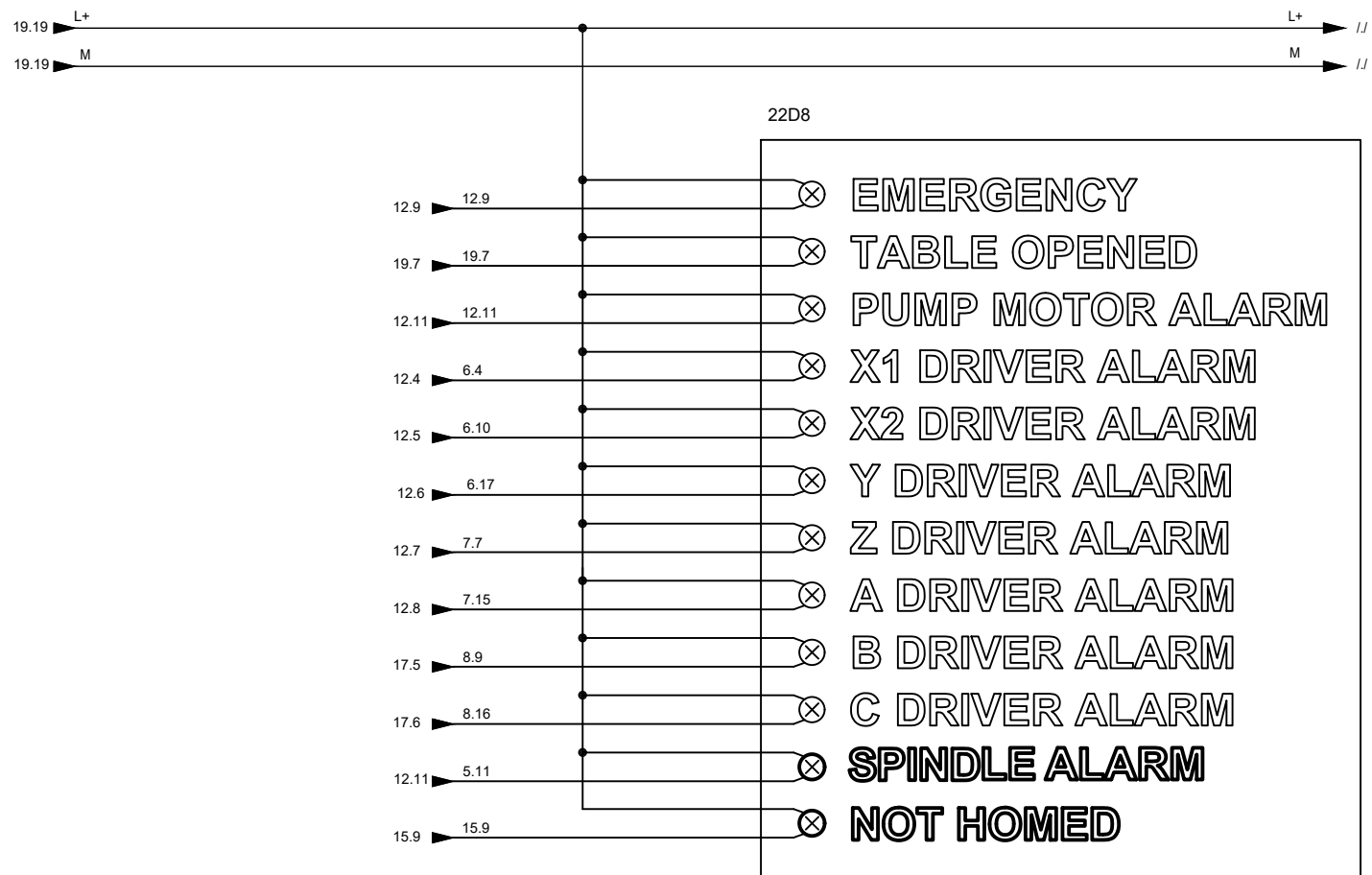


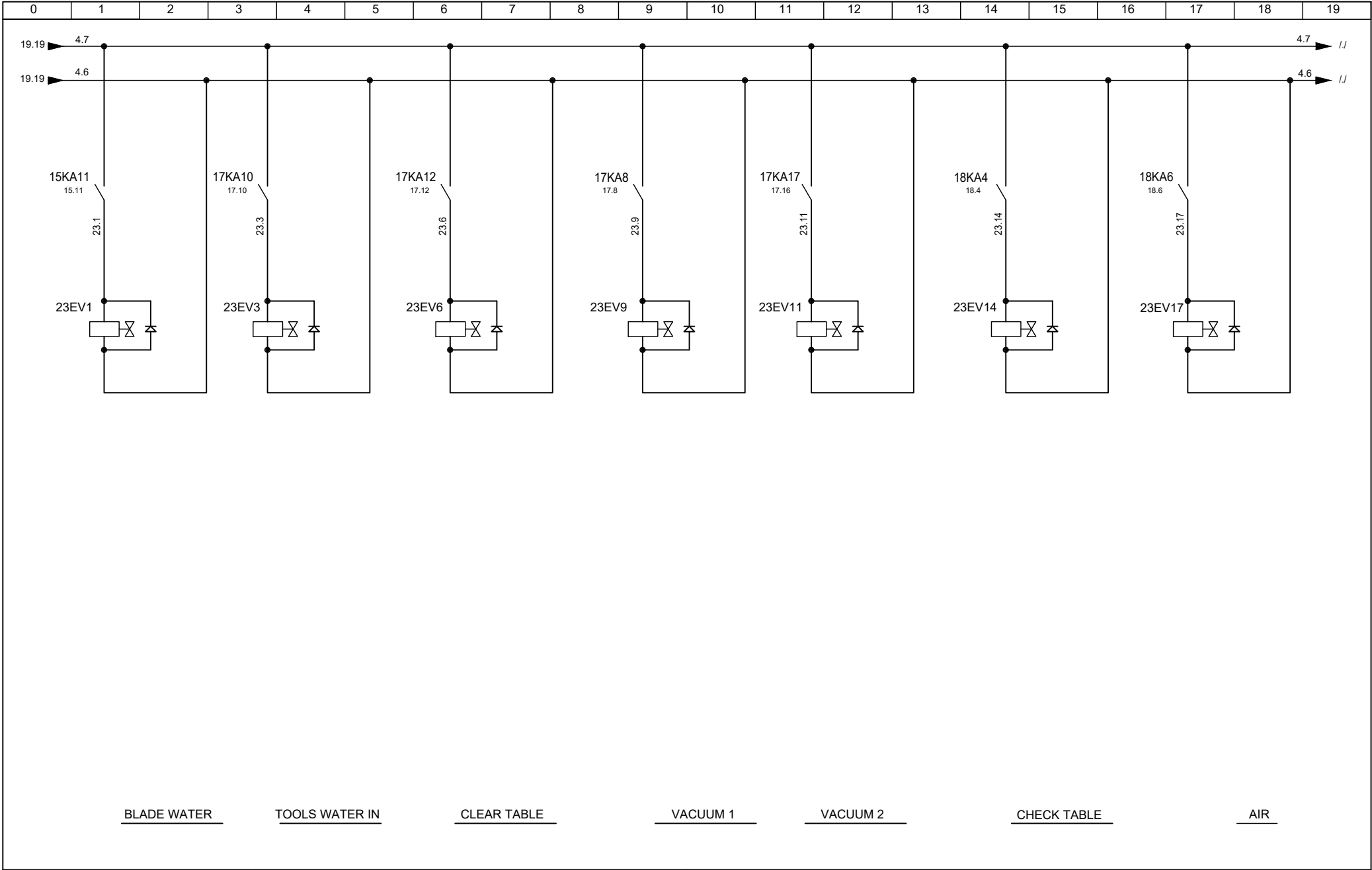
OUTPUT CONTROL CARD JUMPERS SETTINGS

FOR 17D0



SECOND OUTPUT CONTROL CARD JUMPERS SETTINGS





0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
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0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
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Page	Cod	Manufacturer	Manufacturers COD.
3	3QS5	GLELE	GLD11-63/08 +4P
3	3P10	--	--
3	3S16	FILTEMC	DTT1021-40-S6-S47

4	4T3	CHNT	NDK(BK)-300VA
4	4A3	--	2510 (10A/250V)
4	4Q4	Schneider	IC65N 2P D10A
4	4M9	--	--
4	4P12	WH	D-120B
4	4FU4	Phoenix	10A-250V
4	4FU7	Phoenix	8A-250V
4	4FU12	Phoenix	5A-250V
4	4FU13	Phoenix	5A-250V

5	5Q3	Schneider	IC65N 2P D20A
5	5Q6	Schneider	IC65N 3P D20A
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	L5-1500
6	6M2	LEADSHINE	ACM8010M2H-51-B
6	6S7	EMI	SGAA1-6A2
6	6M8	LEADSHINE	ACM8010M2H-51-B
6	6L10	LEADSHINE	L5-1500
6	6S14	EMI	SGAA1-6A2
6	6M15	LEADSHINE	ACM8010M2H-51-B
6	6L17	LEADSHINE	L5-1500

7	7S3	EMI	SGAA1-6A2
7	7M4	LEADSHINE	ACM8010M2H-51-B
7	7L6	LEADSHINE	L5-750
7	7KA10	OMRON	G2R-2-SND(S) 24V DC

Page	Cod	Manufacturer	Manufacturers COD.
7	7S11	EMI	SGAA1-6A2
7	7M12	LEADSHINE	ACM8008L2G-60-B
7	7L14	LEADSHINE	L5-1000
7	7KA18	OMRON	G2R-2-SND(S) 24V DC

8	8S3	--	--
8	8M4	--	--
8	8L6	--	L5-400
8	8S11	--	--
8	8M12	--	--
8	8L14	--	L5-400

9	9E1	--	--
9	9E4	--	--
9	9SD8	AITEK	INDUSTRIAL COMPUTER
9	9E13	--	--
9	9E14	--	--
9	9E15	--	--
9	9T17	--	--

11	11QS2	--	--
11	11KA7	Omron	G2R-2-SND(S) 24V DC
11	11QS7	--	--
11			
11			

12	12D0	AITEK	LPT OUTPUT CARD
12	12SQ13	SANWEVI	M12-NPN NO
12	12SQ14	SANWEVI	M12-NPN NO
12	12SQ15	SANWEVI	M12-NPN NO
12	12SQ16	SANWEVI	M12-NPN NO
12	12SB10	RENY	RAPNR4-22Ø

14	14KM3	Schneider	LC1D 50AB7C
14	14SB3	RENY	RAPNR4-22Ø
14	14SB3.1	RENY	R2PIF-22Ø
14			
14	14FU12	Phoenix	2A-250V
14	14FU13	Phoenix	2A-250V
14	14E12	--	--
14	14E13	--	--

Page	Cod	Manufacturer	Manufacturers COD.
15	15D0	AITEK	LPT INPUT CARD
15	15KA4	Omron	G2R-2-SND(S) 24V DC
15	15FU8	Phoenix	1.5A-250V
15	15KA11	Omron	G2R-2-SND(S) 24V DC
15	15SQ17	--	--

16	16SQ6	--	--
16	16SQ8	--	--
16	16SQ9	--	--

17	17D0	AITEK	LPT OUTPUT CARD
17	17KA8	Omron	G2R-2-SND(S) 24V DC
17	17KA9	Omron	G2R-2-SND(S) 24V DC
17	17KA10	Omron	G2R-2-SND(S) 24V DC
17	17KA12	Omron	G2R-2-SND(S) 24V DC
17	17SQ13	--	--
17	17SQ14	--	--
17	17SQ15	--	--
17	17KA15	Omron	G2R-2-SND(S) 24V DC
17	17KA17	Omron	G2R-2-SND(S) 24V DC

18	18KA4	Omron	G2R-2-SND(S) 24V DC
18	18KA6	Omron	G2R-2-SND(S) 24V DC
18	18KA8	Omron	G2R-2-SND(S) 24V DC

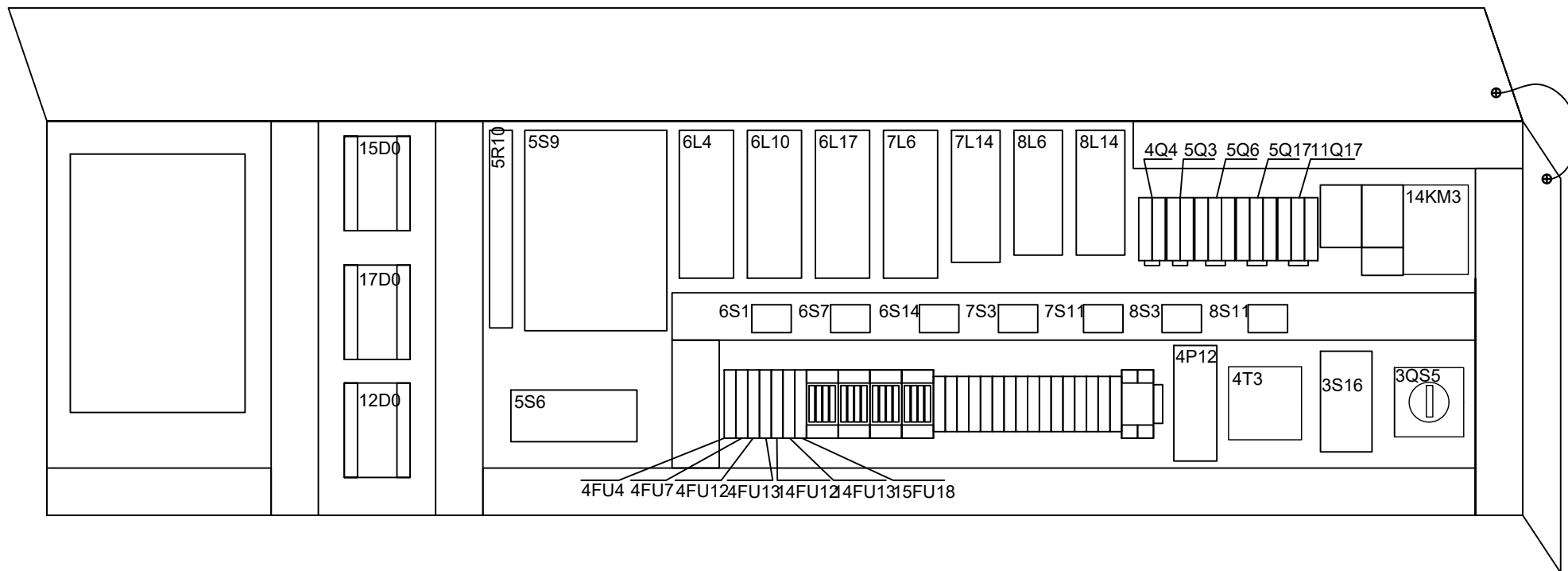
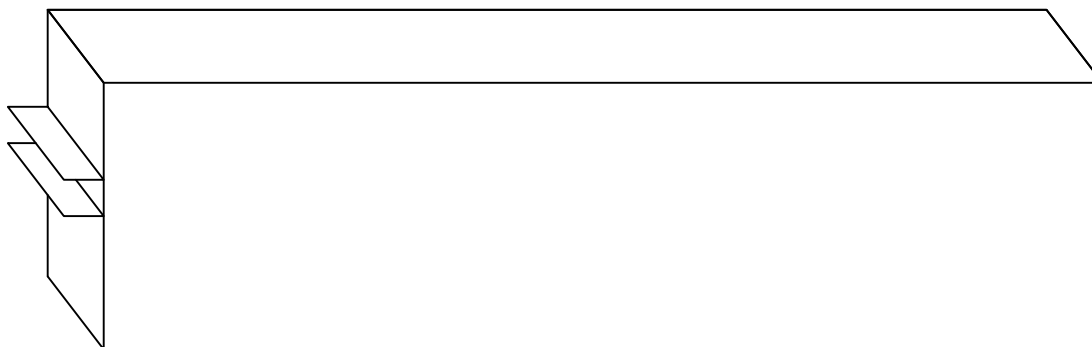
19	19D2	AITEK	--
19	19QS6	--	--
19	19QS7	--	--
19	19EV10	--	--
19	19EV12	--	--
19	19KM14	--	LC1D18
19			

22	22D8	--	--
----	------	----	----

23	23EV1	--	--
23	23EV3	--	--
23	23EV6	--	--
23	23EV9	--	--
23	23EV11	--	--
23	23EV14	--	--
23	23EV17	--	--

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Inverter Parameter

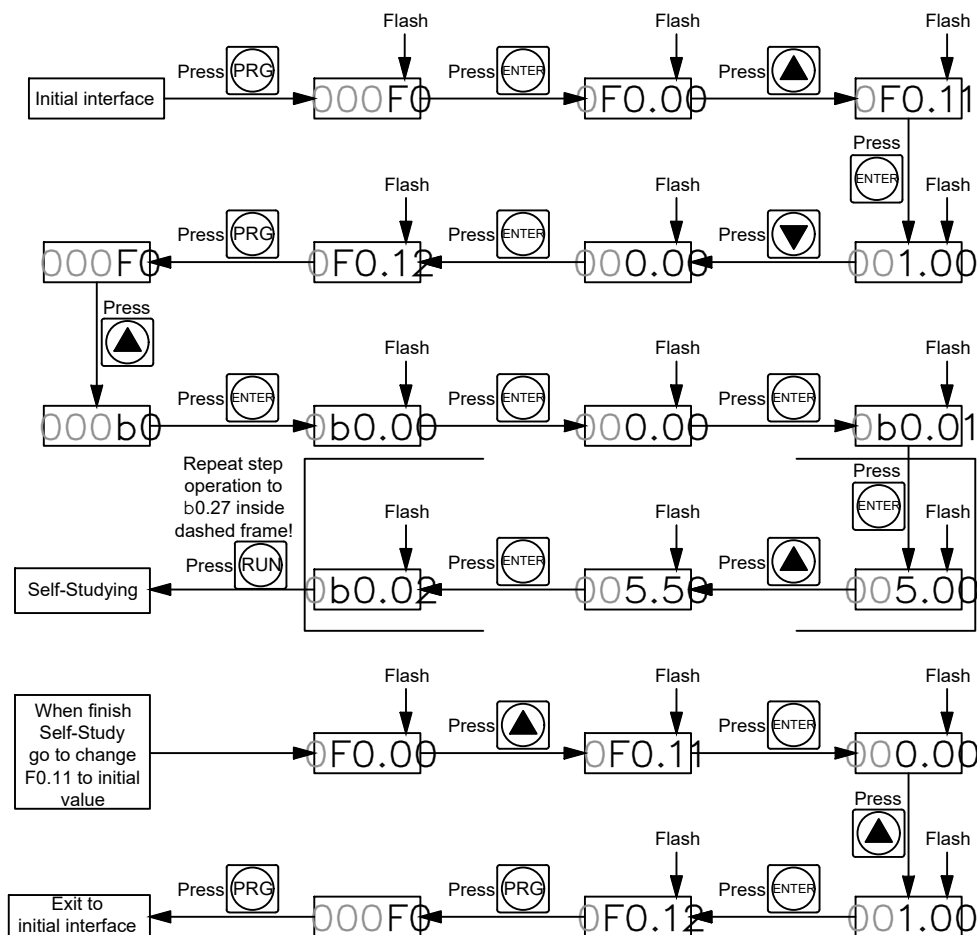
Name	Range	Default	Units
F0.00	0,1,2	2	
F0.01	0.00Hz~F0.19(MAX)	1000	Hz
F0.02	1:0.1Hz,2:0.01Hz	1	
F0.03	0~9	9	
F0.04	0~9	0	
F0.11	0,1,2,3,4	1	
F0.13	0.0s~6500s	15	
F0.14	0.0s~6500s	15	
F0.18	0.5k~16k	10k	Hz
F0.19	50.00Hz~3200.00Hz	1000.00	Hz
F1.04	-	30	
F9.00		6005	9600BPS
F9.01	0~3	3	(8-N-1)
F9.02	1~250	6	
F9.05	0~3	1	MODBUS
F9.07		0	MODBUS

Servo Driver Parameter

Name	Range	X1	X2	Y	Z	A	B	C
PA-003		13	13	13	13	13	13	13
PA-004		750	750	800	800	450	250	250
PA-006	0/1	1	1	1	1	1	0	0
PA-008							500	500
PA-009							16384	16384
PA-010							1250	1250
PA-410	101-181	181	181	181	181	181	181	181
PA-529		53	53	53	53	53	53	53
PA-531	1-256	1	2	3	4	5	7	8

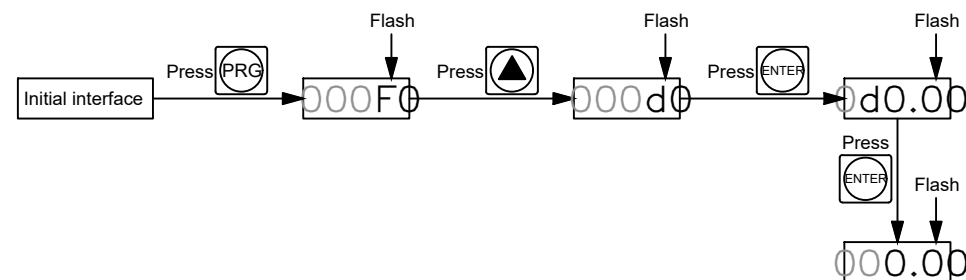
Motor Self-Study

F0.11=0 b0.03=18.2
 b0.00=0 b0.04=60
 b0.01=5.5 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



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		Checked By		Approved By		Trimness By		Description									
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