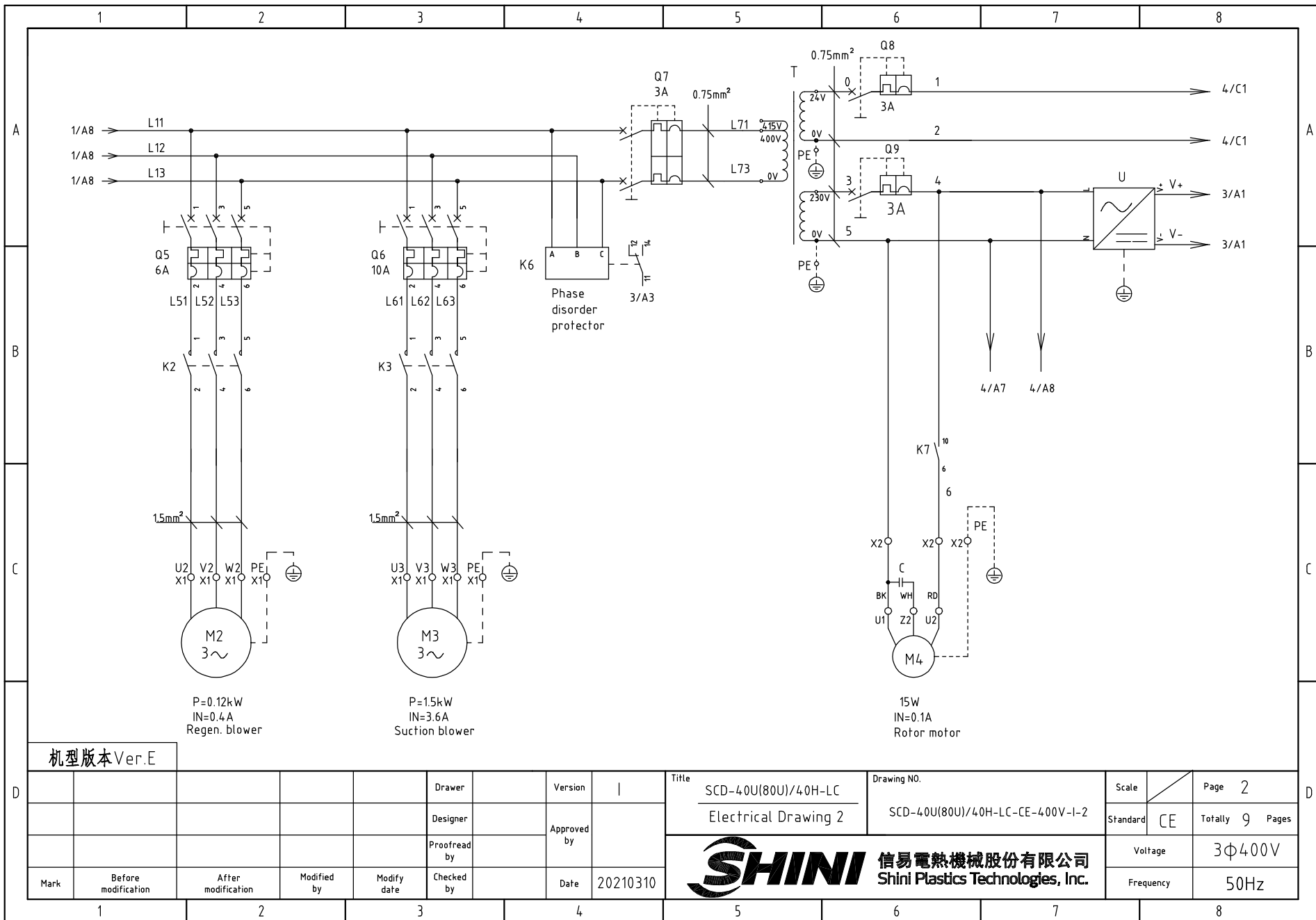


机型版本 Ver.E

D	Drawer	Version	Title SCD-40U(80U)/40H-LC Electrical Drawing 1		Drawing NO. SCD-40U(80U)/40H-LC-CE-400V-I-1		Scale	Page 1
	Designer	Approved by	SHINI 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Standard	CE	Totally 9 Pages	
Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date	Voltage	3φ400V
	1	2	3	4	5	20210310	Frequency	50Hz

1 2 3 4 5 6 7 8



机型版本 Ver.E

D					Drawer		Version		Title	SCD-40U(80U)/40H-LC	Drawing NO.	Scale	Page	2
					Designer		Approved by		Electrical Drawing 2	SCD-40U(80U)/40H-LC-CE-400V-I-2	Standard	CE	Totally	9 Pages
Mark	Before modification	After modification	Modified by	Modify date	Checked by		Date	20210310	信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Voltage	3Φ400V		
								Frequency			50Hz			

1

2

3

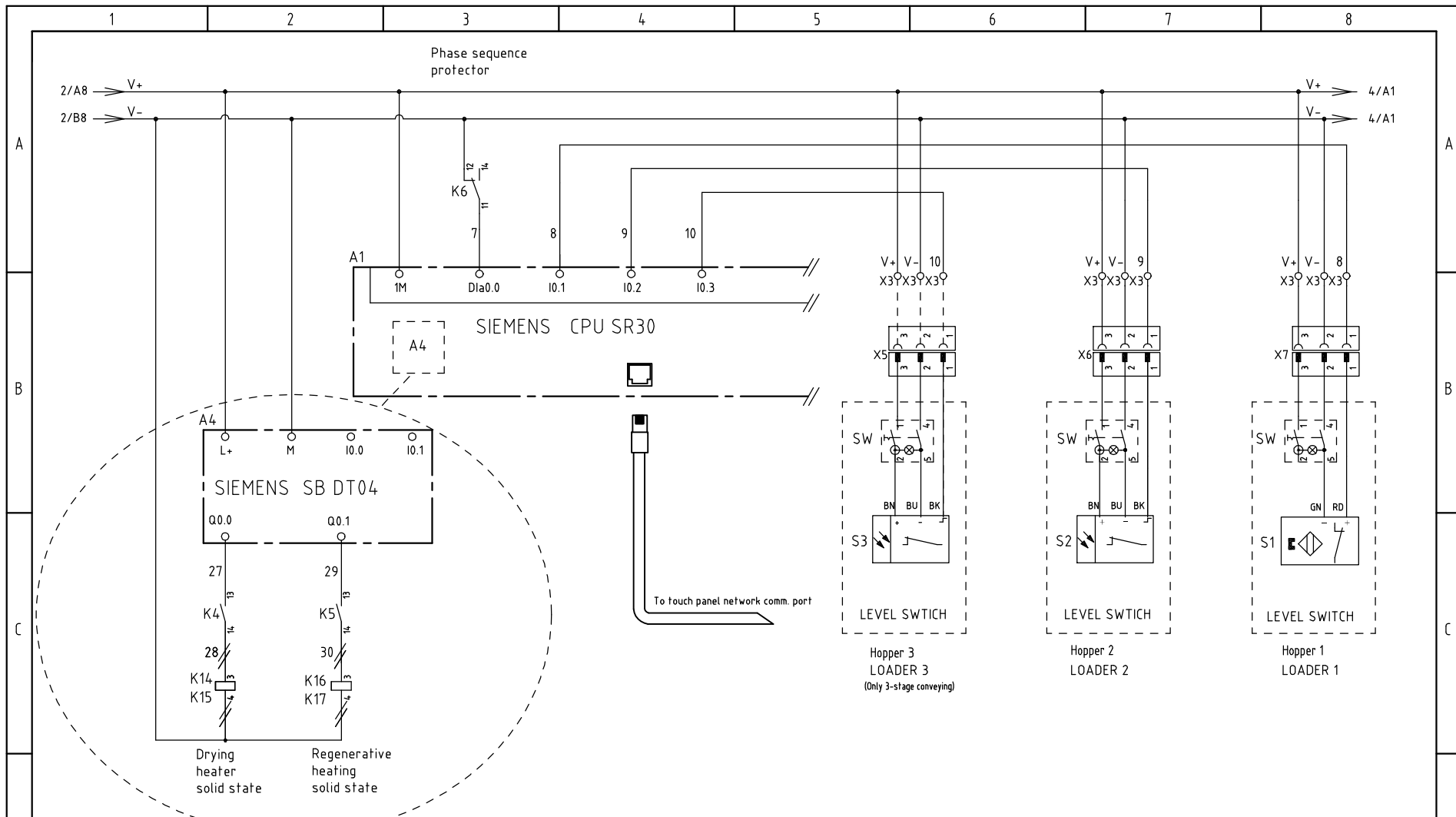
4

5


6

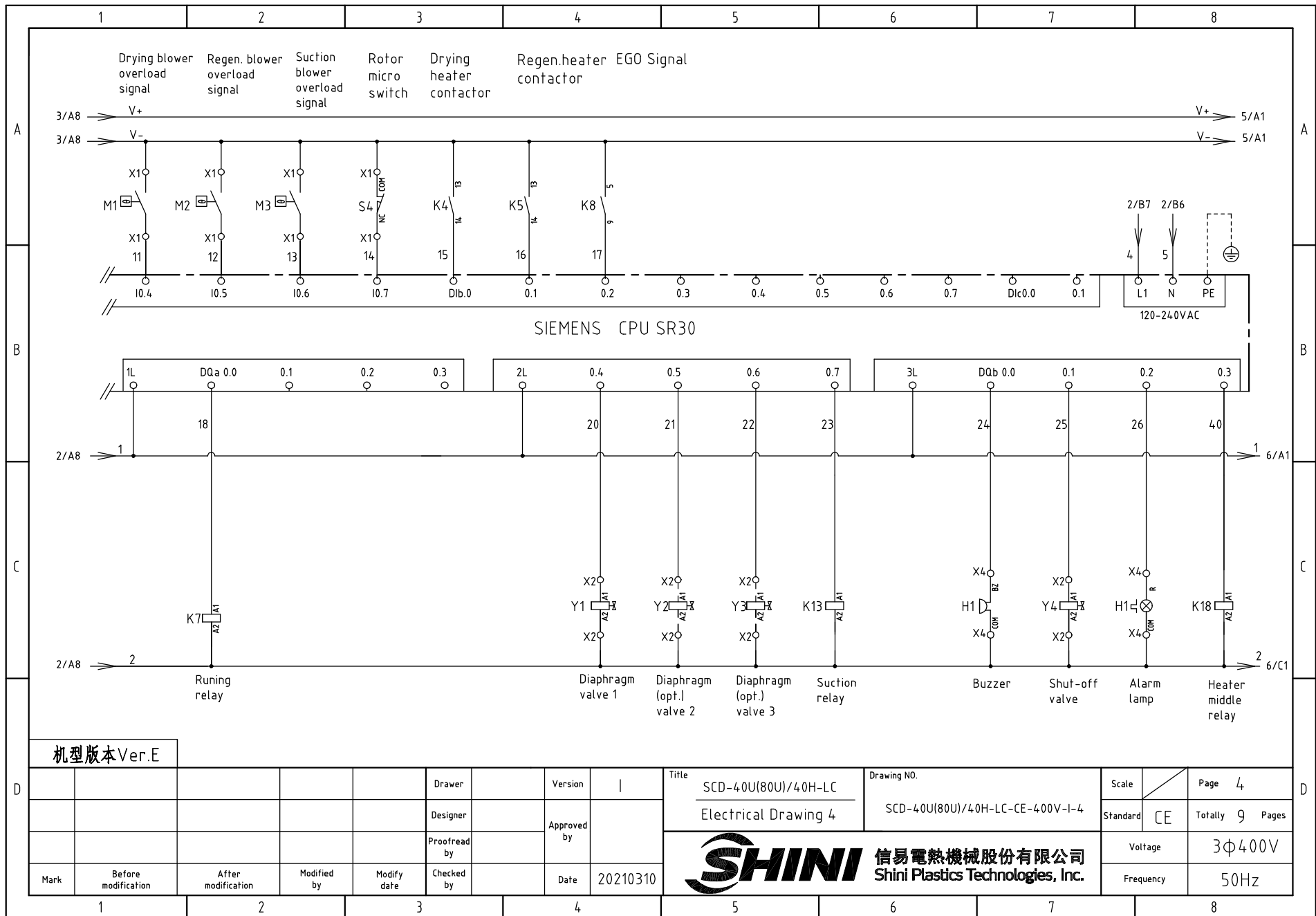
7

8



机型版本 Ver.E

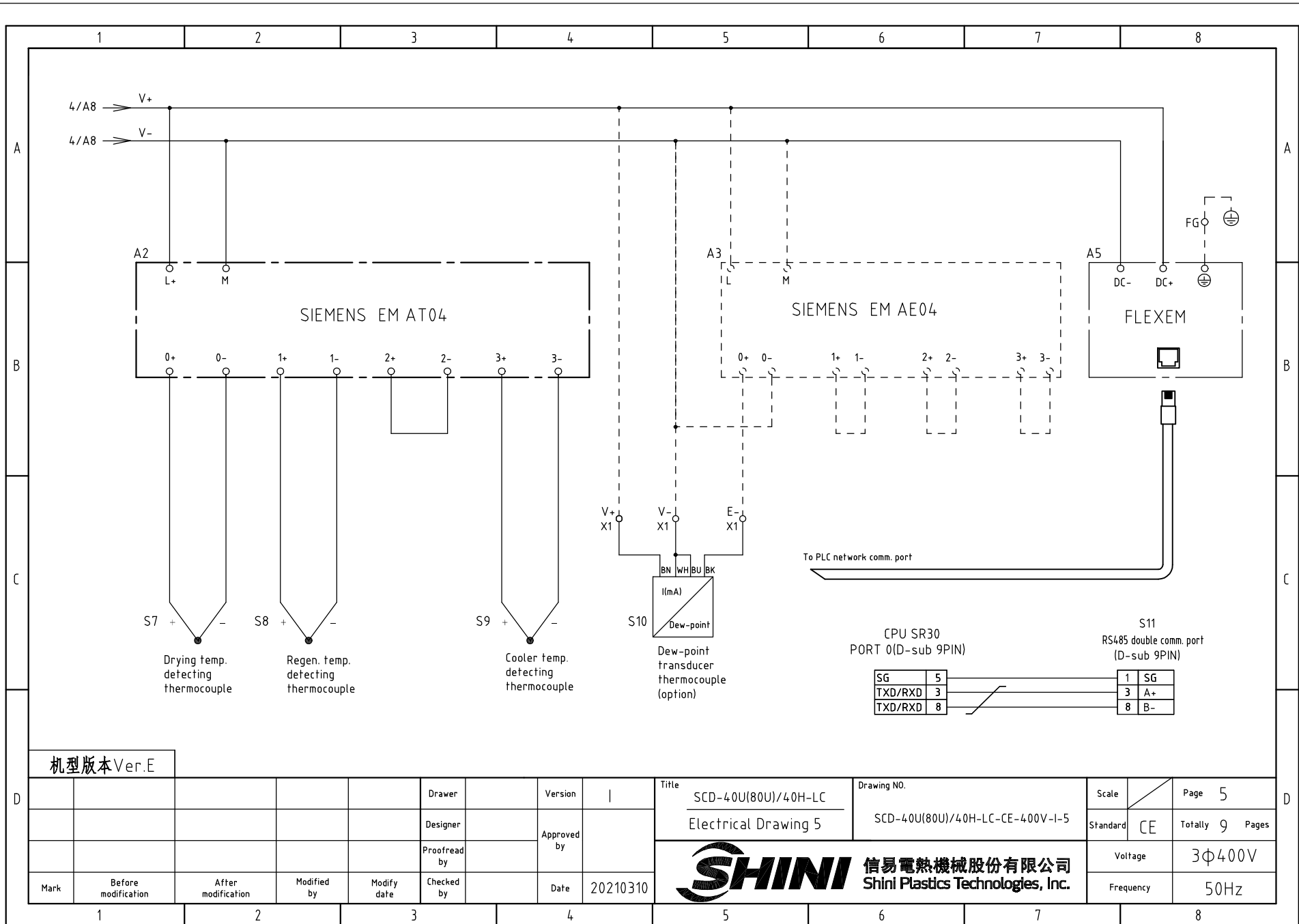
D					Drawer		Version	I	Title	SCD-40U(80U)/40H-LC	Drawing NO.	Scale	Page 3
					Designer		Approved by		Electrical Drawing 3	SCD-40U(80U)/40H-LC-CE-400V-I-3	Standard	CE	Totally 9 Pages
Mark	Before modification	After modification	Modified by	Modify date	Checked by		Date	20210310	 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Voltage	3φ400V	
											Frequency	50Hz	



机型版本 Ver.E

D	Drawer	Version	Title		Drawing NO.		Scale	Page
	Designer	Approved by	SCD-40U(80U)/40H-LC		SCD-40U(80U)/40H-LC-CE-400V-I-4			4
	Proofread by	Date	Electrical Drawing 4				Standard	Totally
Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date	CE	9 Pages
						20210310	Voltage	3Φ400V
							Frequency	50Hz

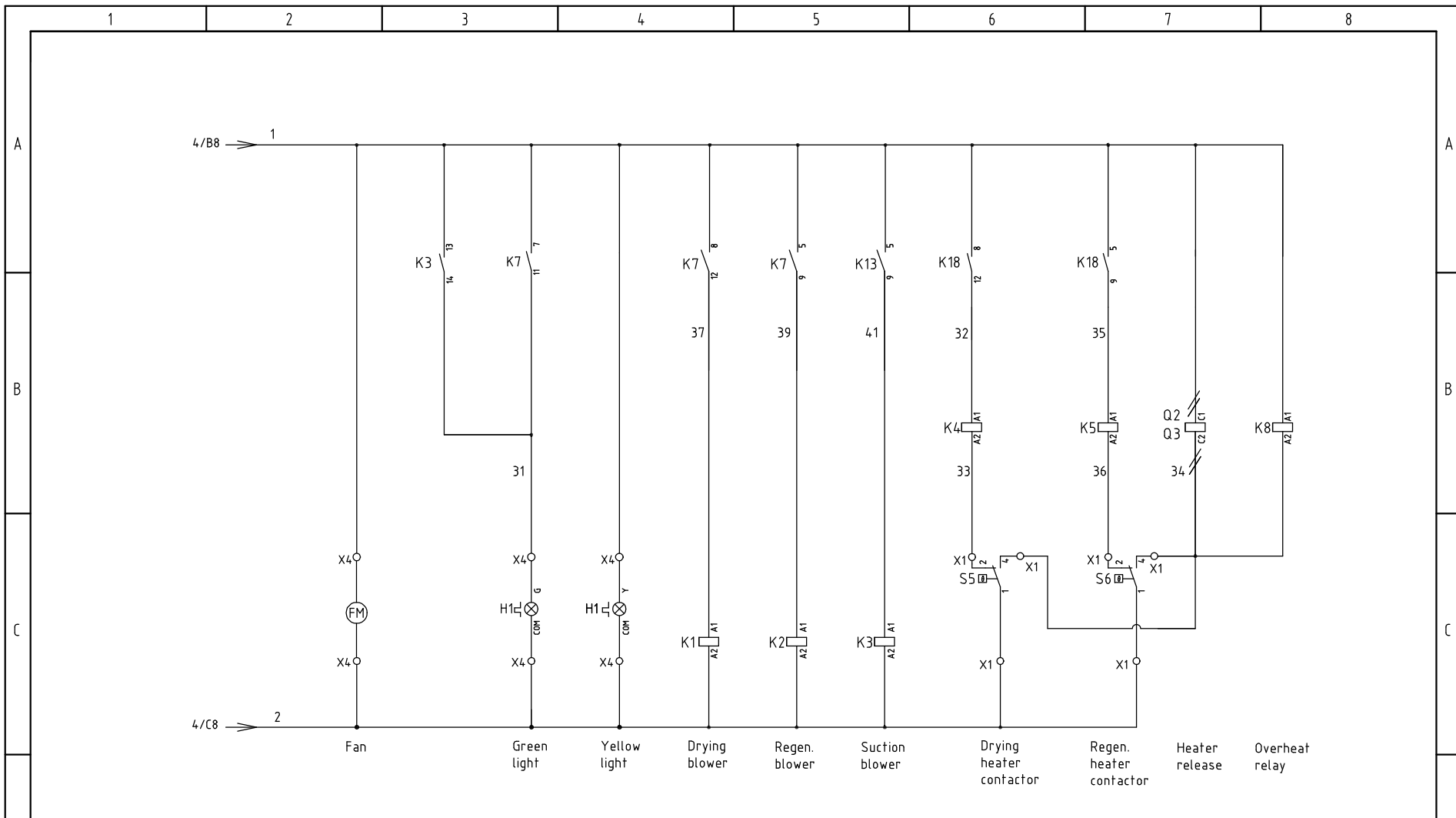





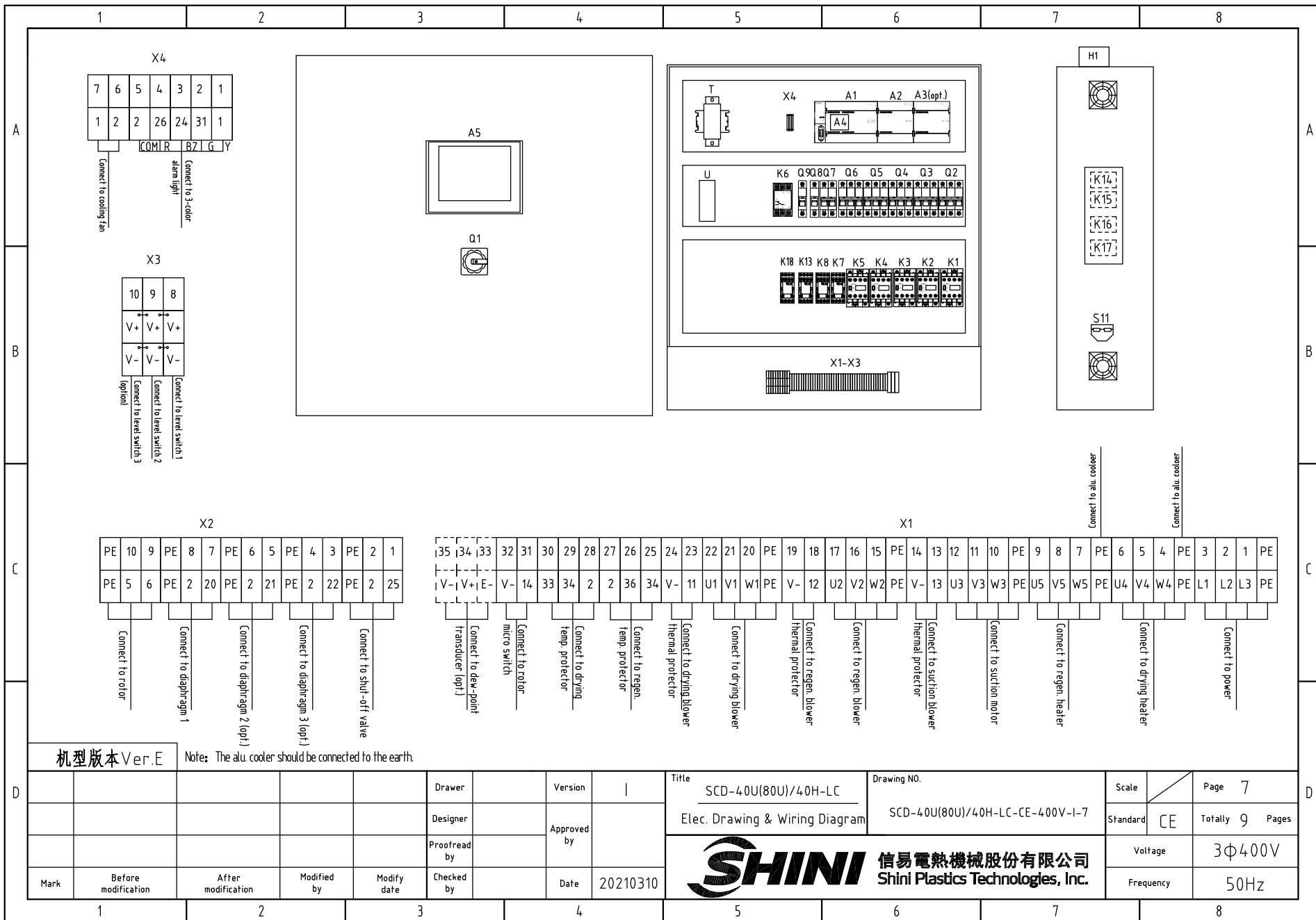
机型版本 Ver.E

D	Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date	20210310	Drawer	Version		Title	SCD-40U(80U)/40H-LC	Drawing NO.	SCD-40U(80U)/40H-LC-CE-400V-I-5	Scale	Page	5
									Designer	Approved by		Electrical Drawing 5			Standard	CE	Totally	9 Pages
									Proofread by							Voltage		3φ400V
																Frequency		50Hz





机型版本 Ver.E				Drawer	Version	I	Title	SCD-40U(80U)/40H-LC	Drawing NO.	Scale	Page
Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date	20210310	Electrical Drawing 6	SCD-40U(80U)/40H-LC-CE-400V-I-6	Standard	Totally 9 Pages
 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.										Voltage	3φ400V
										Frequency	50Hz



机型版本 Ver.E

Note: The a/c cooler should be connected to the earth.

Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date	20210310

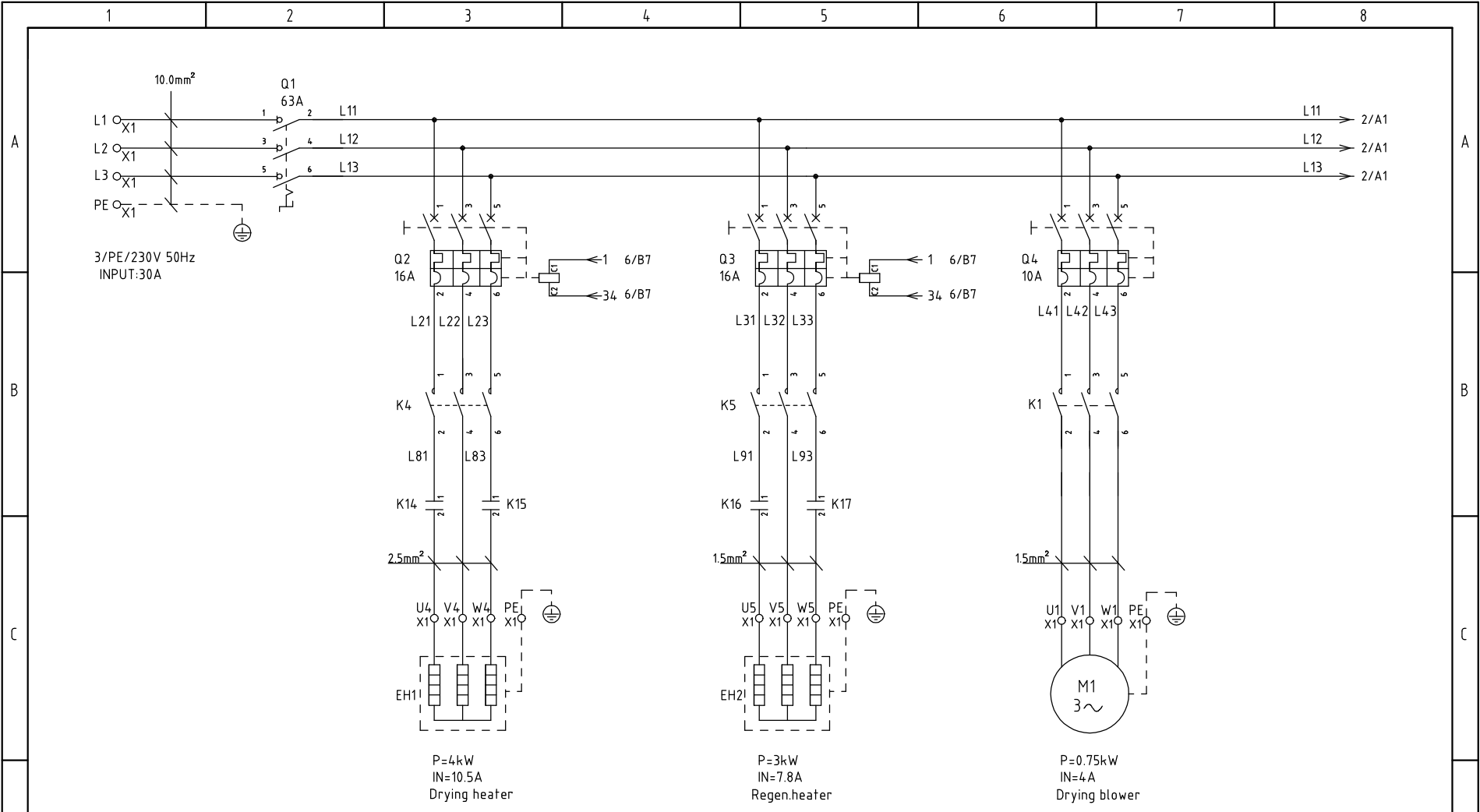
Title SCD-40U(80U)/40H-LC Elec. Drawing & Wiring Diagram		Drawing NO. SCD-40U(80U)/40H-LC-CE-400V-I-7		Scale	Page 7
				Standard CE	Totally 9 Pages
				Voltage	3Φ400V
				Frequency	50Hz




1		2		3		4		5		6		7		8	
NO.	Symbol	Name		Manufacturer		Type		Specification		Number	Material number		Remark		
A	1	Q1	Main power switch		EATON		TO-2-1/EA/SVB		20A		1	YE10021160000			
	2	Q2 Q3 Q6	Circuit breaker		TECO		BM-63C 3P		10A		3	YE40301003000			
	3		Excitation release		YIJIN		MX		24 VAC 50/60Hz		2	YE40024000000			
	4	Q4 Q5	Circuit breaker		TECO		BM-63C 3P		6A		2	YE40300603000			
	5	Q7	Circuit breaker		TECO		BM-63C 2P		3A		1	YE40200203000			
	6	Q8 Q9	Circuit breaker		TECO		BM-63C 1P		3A		2	YE40100203000			
	7	K1 K2 K4 K5	Contactor		SIEMENS		3RT6015-1AB01		24 VAC 50/60Hz		4	YE00601502500			
B	8	K3	Contactor		SIEMENS		3RT6016-1AB01		24 VAC 50/60Hz		1	YE00601602500			
	9		Auxiliary contactor		SIEMENS		3RH6911		1AA10		2	YE00691110000			
	10	K6	Phase sequence relay		CHAOSHI		ABJ2-12W/380V		400V 50/60Hz		1	YE03103800000			
	11	K7	Middle relay		Honeywell		GR-4C-base PGR-4C-E		AC24V 50/60Hz		1	YE03042400300			
	12	K8 K13 K18	Middle relay		Honeywell		GR-2C-base PGR-2C-E		AC24V 50/60Hz		3	YE03022400300			
	13	K14-K17	Solid state relay		FOTEK		KSR-40DA-H		40A/480VAC/4-32VDC		4	YE03404003200			
	14	A1	Programmable logic controller		SIEMENS		CPU SR30 AC/DC/RLY		100-230VAC 50/60Hz		1	YE81003006000			
	15	A2	PLC extended module		SIEMENS		4-point thermocouple temp. module EM AT04		24VDC		1	YE82000400300			
C	16	A3	PLC extended module		SIEMENS		4-point input analog module EM AT04		24VDC		1	YE82000400100		(2)	
	17	A4	PLC extended module		SIEMENS		Signal extended circuit board SB DT04		24VDC		1	YE90000401300			
	18	A5	Human-machine interface		FLEXEM		F007R		24VDC		1	YE80072400000			
	19	T	Transformer		JIUXIN		400V/415V OUT=24V/230V		120VA 350MA		1	YE70040007300			
	20	U	DC power		MEAN WELL		NES-35-24		OUT=DC24V 1.5A		1	YE71352400100			
	21	S1	Reed switch		FOTEK		FC-12V		24VDC		1	-----		(1)	
	22	S2 S3	Photosensor switch		FOTEK		T18-3MNB-PE		24VDC		2	-----		(1)	
	23	S4	Micro switch		TEND		LXW5-11G1		250V 5(4)A		1	-----		(1)	
D	24	S5 S6	Overheat protector		----		----		250V 5(4)A		2	-----		(1)	
	25	S7 S8 S9	Thermocouple		SHINI		ST-K		K		3	-----		(1)	
	机型版本 Ver.E		Notes: (1)Materials not in the control; (2)Dew-point function (3) Optional M2 function;												
Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date	20210310	Title SCD-40U(80U)/40H-LC Electrical Parts List 1	Drawing NO. SCD-40U(80U)/40H-LC-CE-400V-I-8	Scale	Page 8	Standard	CE	Totally 9 Pages	
	Voltage		3φ400V		Frequency		50Hz								
1		2		3		4		5		6		7		8	

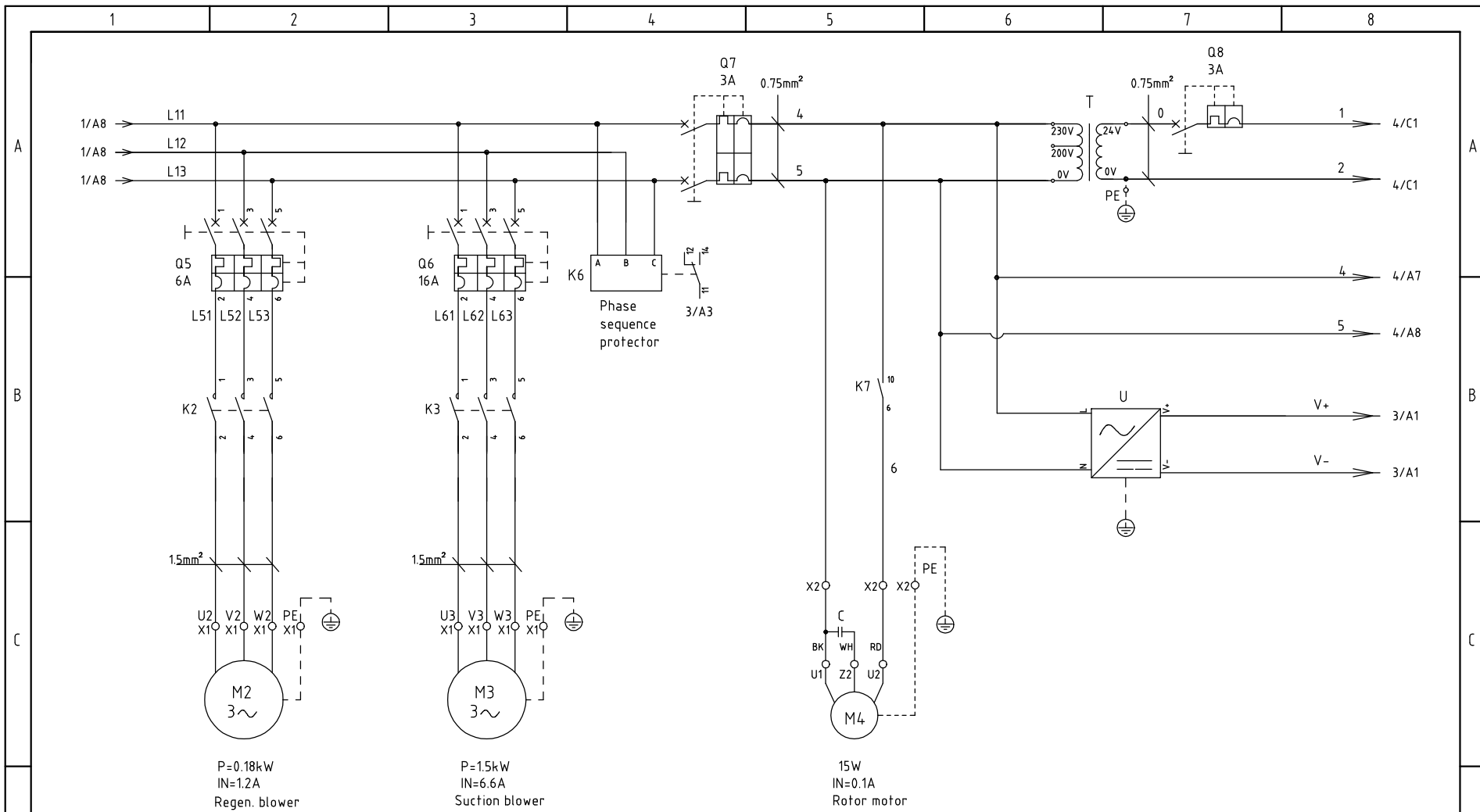


1		2		3		4		5		6		7		8	
N0.	Symbol	Name		Manufacturer		Type		Specification		Number	Material number		Remark		
26	S10	Dew-point transducer		VAISALA		DMT141		POWER=24VDC OUT=4-20mA		1	YE90014100100		(1) (2)		
27	S11	Connect to interface board RS-485(Dsub-9pin connector)		YUYUN		----		PCS		1	YE90048501200				
28		Shell RS-485(SAL-700G-A-19)ver.0		BINCHENG		----		PCS		1	YR40048500000				
29		Super 5 network jumper		----		2M		BA		1	YE90000201600				
30	Y1-Y5	Solenoid valve		----		MSFW-230-50/60		24V 50/60Hz		5	-----		(1)		
31	H1	Alarm indicator		SHINI		Priority		24V AC/DC		1	BL90002401520		(1)		
32	X1 X2 X4	Terminal board		Honeywell		SK4		4mm ²		24	YE60000403200				
33		Terminal board		Honeywell		GK5PE		4mm ² PE		6	YE60000403500				
34		Terminal board		Honeywell		SK2.5		2.5mm ²		25	YE60002503200				
35		Terminal board		Honeywell		GK2.5PE		2.5mm ² PE		6	YE60002503400				
36		Terminal board		Honeywell		SK2.5		2.5mm ²		3	YE60002503200		(2)		
37	X3	Terminal board		Honeywell		3-layer spring terminal SK2.5-TL		10A 250V		3	YE60002503600				
38		Terminal board		Honeywell		SK-2.5TL bridging parts 10bits		FB10-2.5		1	YE60001003600				
39		Terminal fittings E/GK series		Honeywell		E		GK		7	YE60000003900				
40	X6 X7	Heavy-duty connector		HARTING		4P+PE(socket)Han 4A-F		PCS		2	YE68000401400		(1)		
41	X5	Heavy-duty connector		HARTING		4P+PE(socket)Han 4A-F		PCS		1	YE68000401400		(1)(3)		
42	FM	Fan		SUNON		DP-200A		24VAC 40W		1	-----		(1)		
43	M1	Blower		SHINI		-----		400V 0.18kW		1	-----		(1)		
44	M2	Blower		SHINI		-----		400V 0.12kW		1	-----		(1)		
45	M3	Blower		SHINI		-----		400V 1.5kW		1	-----		(1)		
46	M4	Motor		----		-----		230V 0.015kW		1	-----		(1)		
47	EH2	Pipe heater		SHINI		-----		400V 3kW		1	-----		(1)		
48	EH1	Pipe heater		SHINI		-----		400V 4kW		1	-----		(1)		
机型版本 Ver.E Notes: (1)Materials not in the control; (2)Dew-point function (3) Optional M2 function;															
D					Drawer	Version		Title		Drawing NO.		Scale	Page 9		
					Designer	Approved by		SCD-40U(80U)/40H-LC		SCD-40U(80U)/40H-LC-CE-400V-I-9		Standard	CE Totally 9 Pages		
					Proofread by	Date		 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Voltage		3φ400V			
	Mark	Before modification	After modification	Modified by	Modify date	Checked by	20210310			Frequency		50Hz			




机型版本 Ver.F

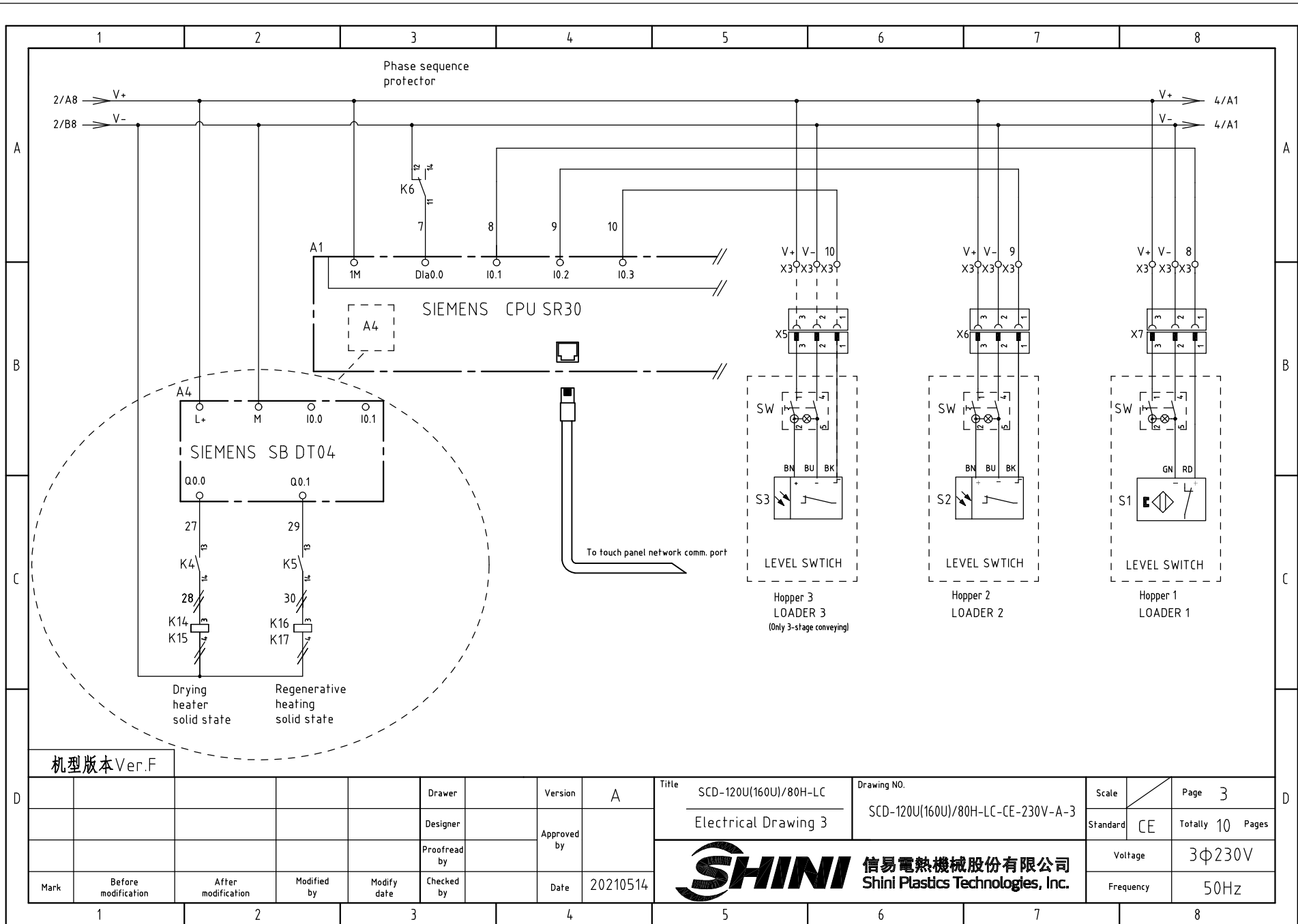
D					Drawer		Version	A	Title	SCD-120U(160U)/80H-LC	Drawing NO.	Scale	Page	1
					Designer		Approved by		Electrical Drawing 1	SCD-120U(160U)/80H-LC-CE-230V-A-1	Standard	CE	Totally	10 Pages
D					Proofread by		Date	20210514	 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Voltage	3φ230V		
	Mark	Before modification	After modification	Modified by	Modify date	Checked by					Frequency	50Hz		




机型版本 Ver.F

D					Drawer		Version	A	Title	SCD-120U(160U)/80H-LC	Drawing NO.	Scale	Page	2
					Designer		Approved by		Electrical Drawing 2	SCD-120U(160U)/80H-LC-CE-230V-A-2	Standard	CE	Totally	10 Pages
D					Proofread by		Date	20210514	 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Voltage	3φ230V		
	Mark	Before modification	After modification	Modified by	Modify date	Checked by					Frequency	50Hz		

1 2 3 4 5 6 7 8



机型版本 Ver.F

D	Drawer	Version	A	Title	SCD-120U(160U)/80H-LC	Drawing NO.	SCD-120U(160U)/80H-LC-CE-230V-A-3	Scale	Page	3
	Designer	Approved by		Electrical Drawing 3		Standard	CE	Totally	10	Pages
D	Proofread by	Date	20210514	 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.				Voltage	3Φ230V	
	Mark	Before modification	After modification					Modified by	Modify date	Checked by

1

2

3

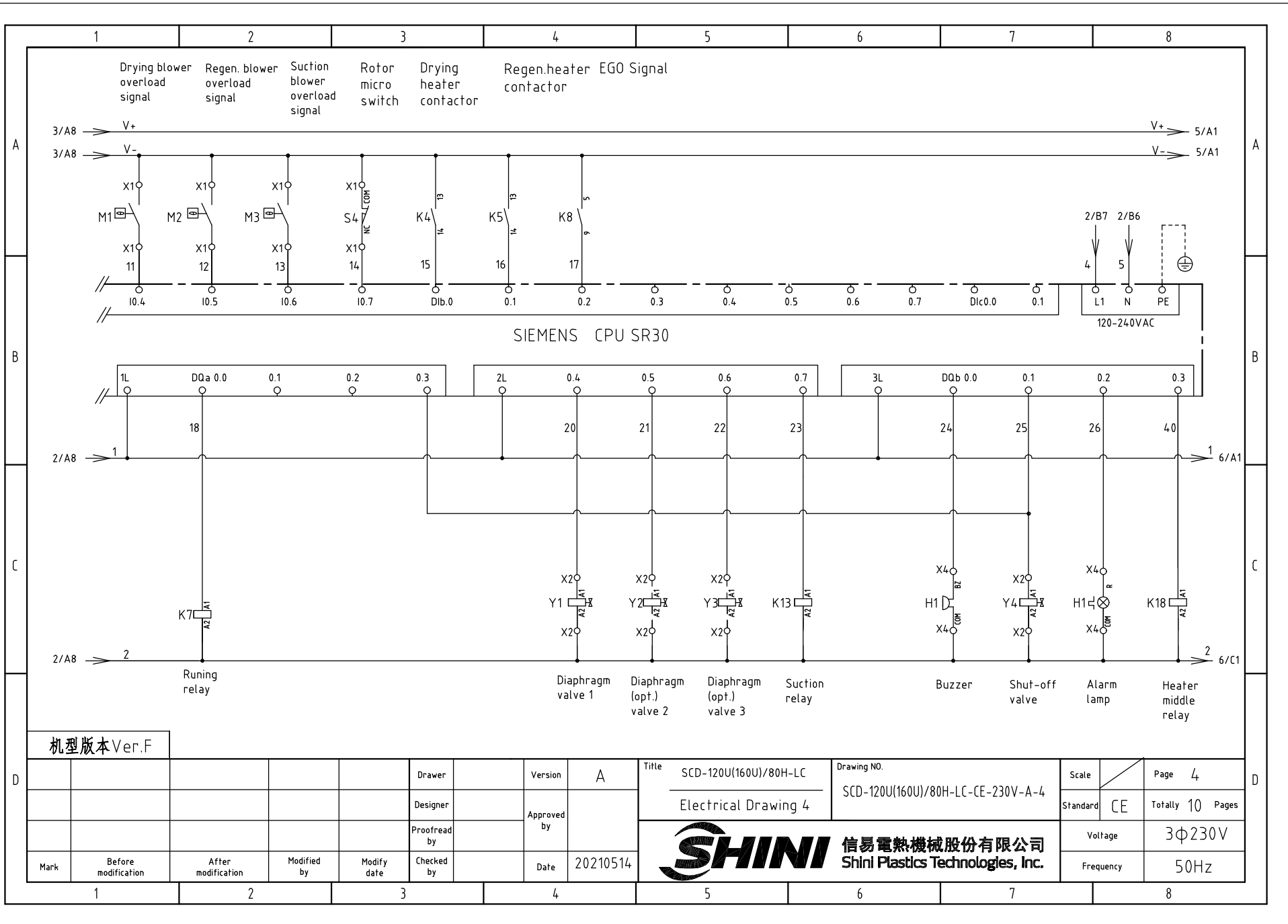
4

5


6

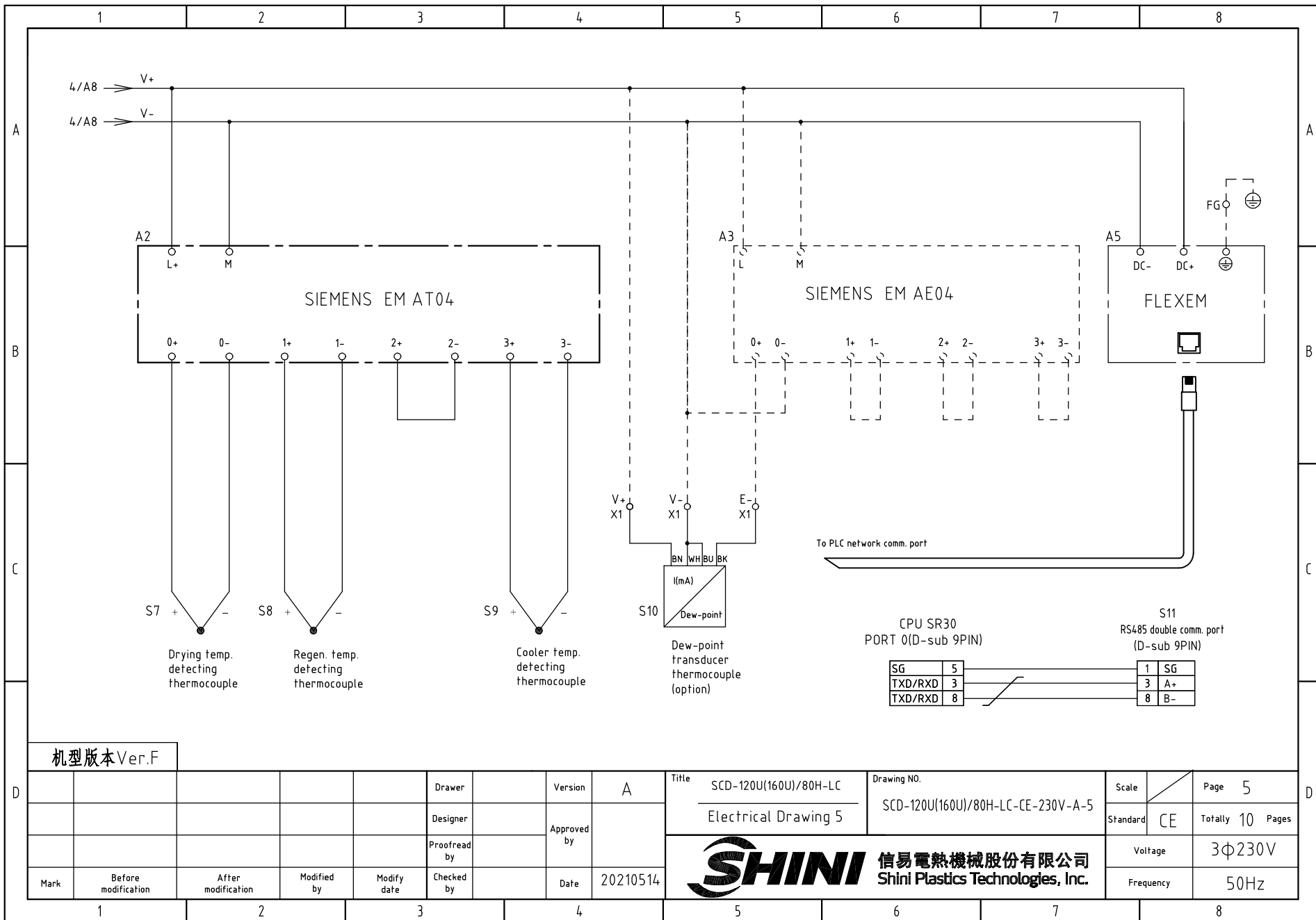
7

8




机型版本 Ver.F

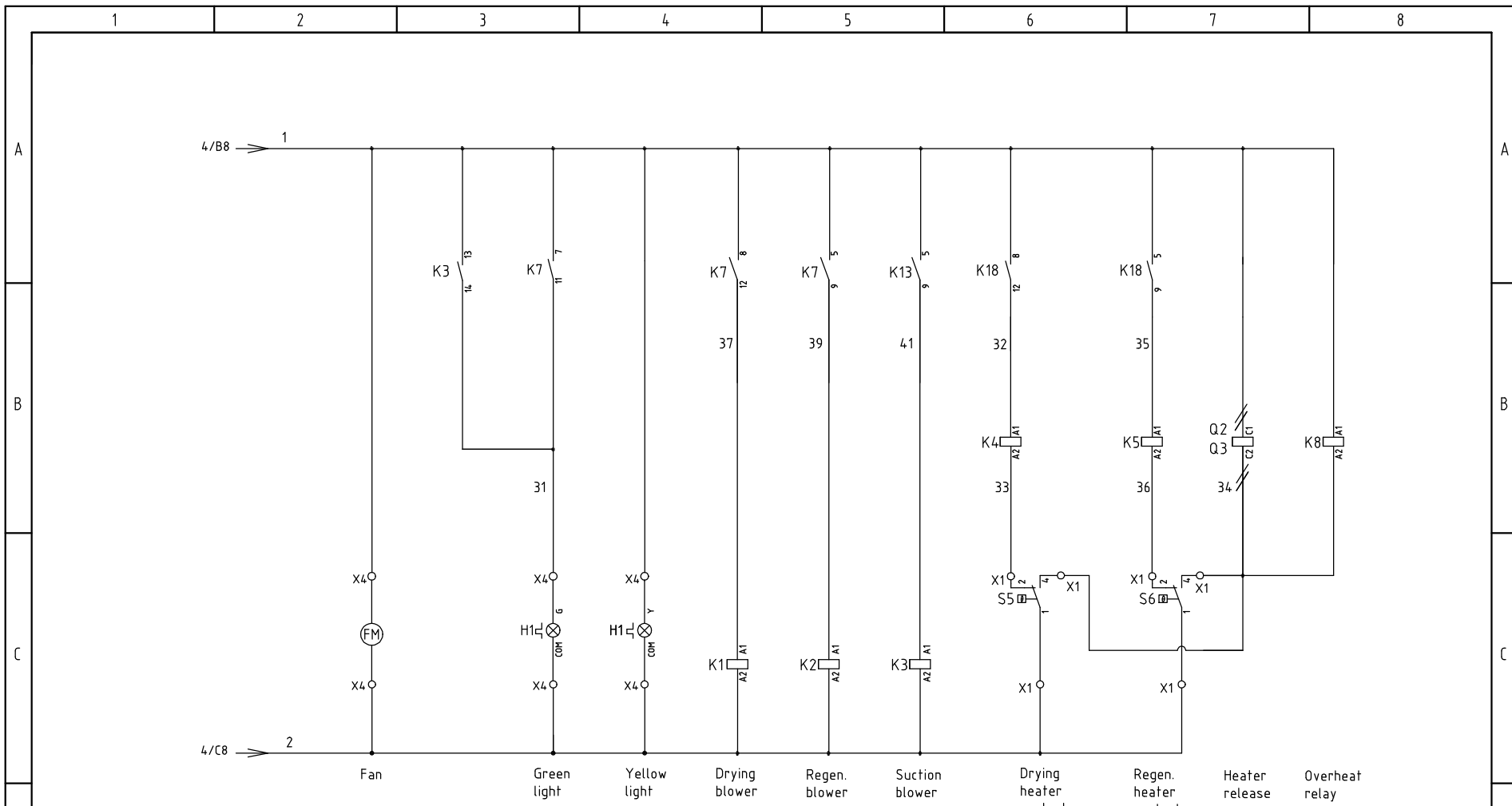
Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date	20210514	 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.	Drawer	Version	A	Title	SCD-120U(160U)/80H-LC	Drawing NO.	SCD-120U(160U)/80H-LC-CE-230V-A-4	Scale	Page	4	
									Designer	Approved by			Electrical Drawing 4		Standard	CE	Totally	10	Pages
										Proofread by						Voltage	3Φ230V		
																Frequency	50Hz		




机型版本 Ver.F

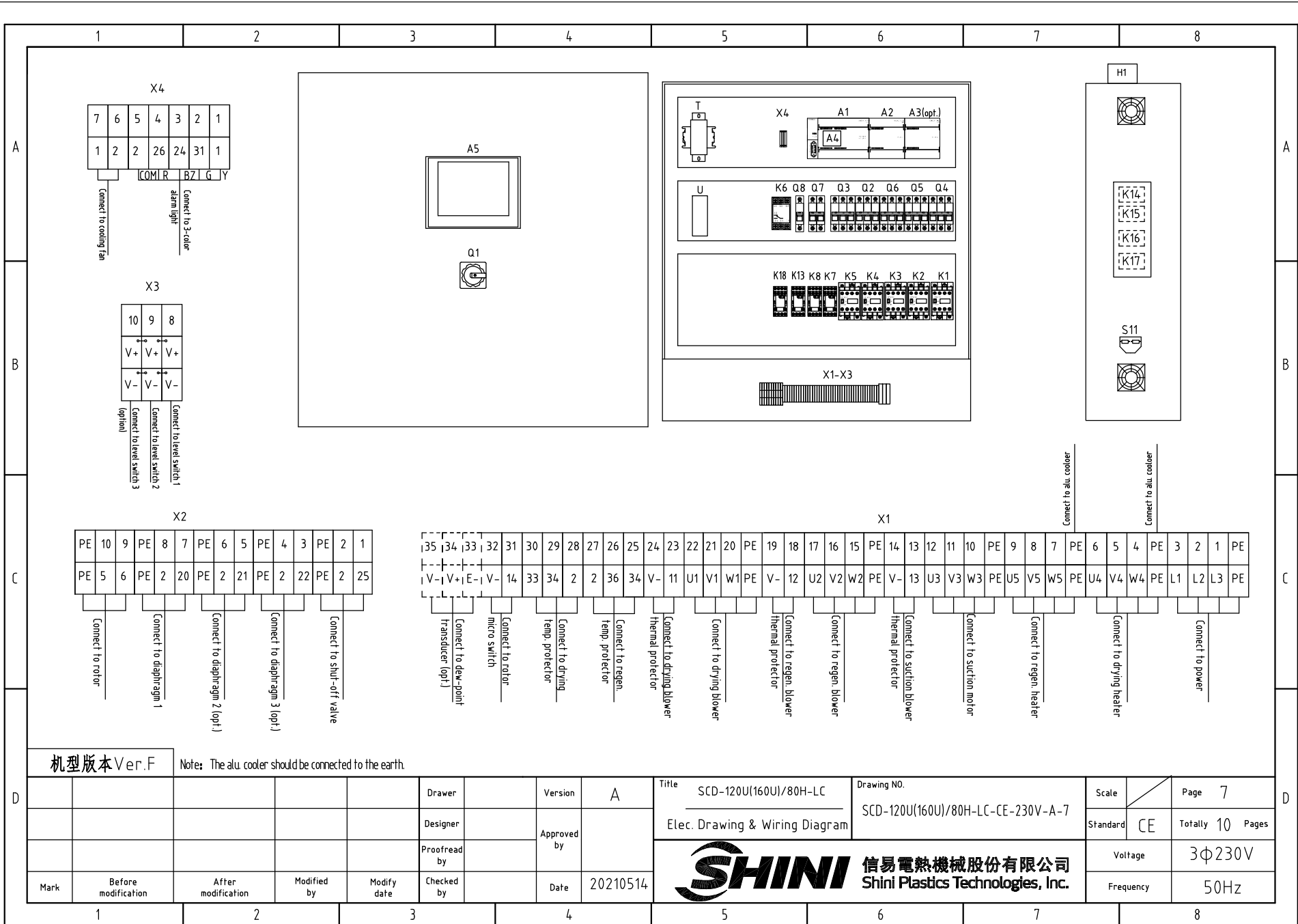
D					Drawer		Version	A	Title	SCD-120U(160U)/80H-LC	Drawing NO.	Scale	Page	5
					Designer		Approved by		Electrical Drawing 5	SCD-120U(160U)/80H-LC-CE-230V-A-5		Standard	CE	Totally 10 Pages
D					Proofread by		Date	20210514	 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.			Voltage	3Φ230V	
	Mark	Before modification	After modification	Modified by	Modify date	Checked by						Frequency	50Hz	

1 2 3 4 5 6 7 8



机型版本 Ver.F

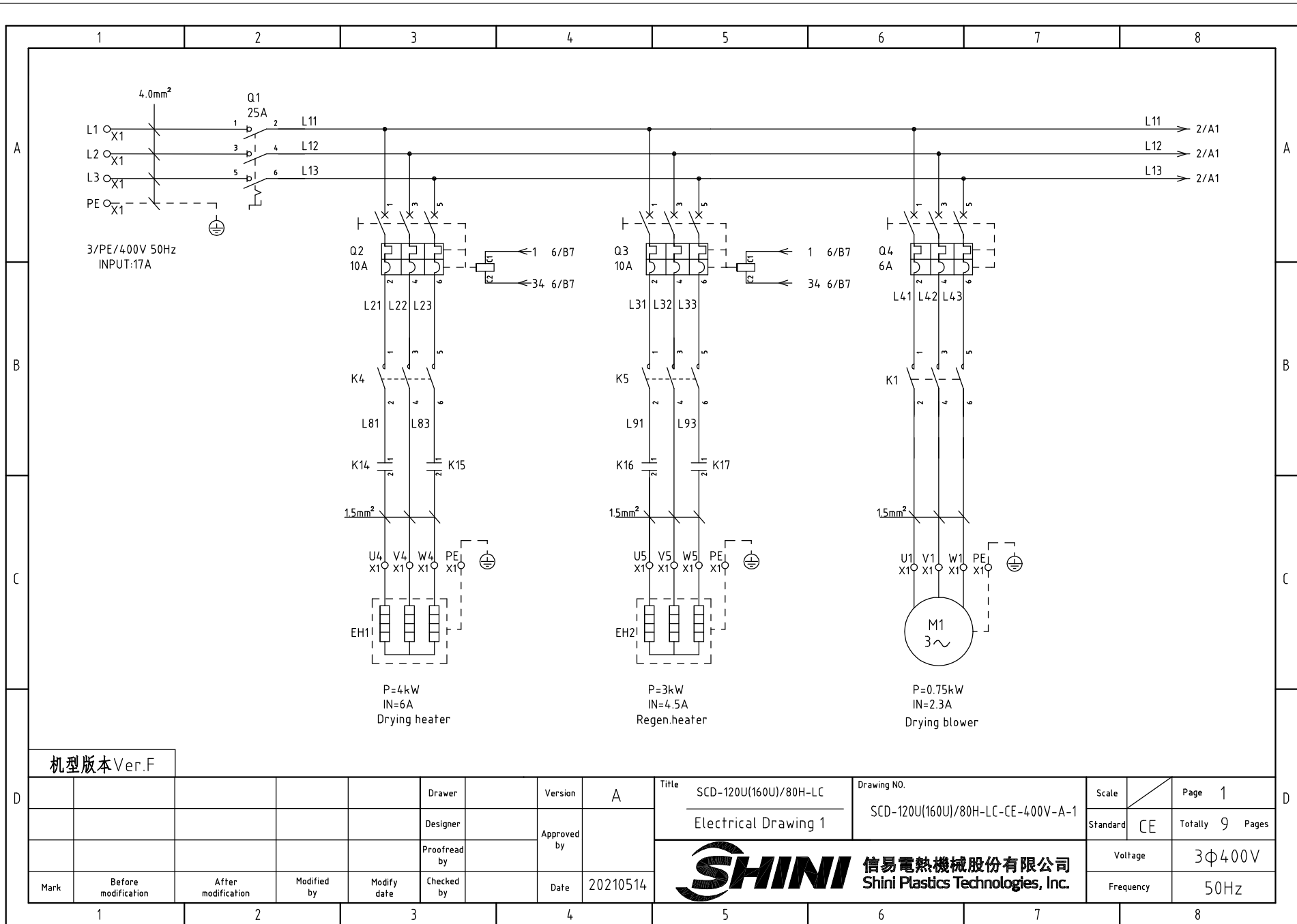
D					Drawer		Version	A	Title	SCD-120U(160U)/80H-LC	Drawing NO.	Scale	Page	6
					Designer		Approved by		Electrical Drawing 6		SCD-120U(160U)/80H-LC-CE-230V-A-6	Standard	CE	Totally 10 Pages
					Proofread by					Voltage	3φ230V			
	Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date	20210514	 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Frequency	50Hz		



1		2		3		4		5		6		7		8				
N0.	Symbol	Name		Manufacturer		Type		Specification		Number	Material number		Remark					
A	1	Q1	Main power switch		EATON		P3-63-EA/SVB		63A		1	YE10163630000						
	2	Q2	Circuit breaker		TECO		BM-63C 3P		16A		1	YE40301603000						
	3	Q3 Q6	Circuit breaker		TECO		BM-63C 3P		16A		2	YE40301603000						
	4		Excitation release		YIJIN		MX		24 VAC 50/60Hz		2	YE40024000000						
	5	Q4	Circuit-breaker		TECO		BM-63C 3P		10A		1	YE40301003000						
	6	Q5	Circuit-breaker		TECO		BM-63C 3P		6A		1	YE40300603000						
	7	Q7	Circuit-breaker		TECO		BM-63C 2P		3A		1	YE40200203000						
B	8	Q8	Circuit-breaker		TECO		BM-63C 1P		3A		1	YE40100203000						
	9	K1 K2 K4 K5	Contactor		SIEMENS		3RT6015-1AB01		24 VAC 50/60Hz		4	YE00601502500						
	10	K3	Contactor		SIEMENS		3RT6016-1AB01		24 VAC 50/60Hz		1	YE00601602500						
	11		Auxiliary contactor		SIEMENS		3RH6911		1AA10		2	YE00691110000						
	12	K6	Phase sequence relay		CHAOSHI		ABJ-10W		230V 50/60Hz		1	YE03102200000						
	13	K7	Middle relay		Honeywell		GR-4C-base PGR-4C-E		AC24V 50/60Hz		1	YE03042400300						
	14	K8 K13 K18	Middle relay		Honeywell		GR-2C-base PGR-2C-E		AC24V 50/60Hz		3	YE03022400300						
C	15	K14-K17	Solid state relay		FOTEK		KSR-40DA-H		40A/480VAC/4-32VDC		4	YE03404003200						
	16	A1	Programmable logic controller		SIEMENS		CPU SR30 AC/DC/RLY		100-230VAC 50/60Hz		1	YE81003006000						
	17	A2	PLC extended module		SIEMENS		4-point thermocouple temp. module EM AT04		24 VDC		1	YE82000400300						
	18	A3	PLC extended module		SIEMENS		4-point input analog module EM AT04		24 VDC		1	YE82000400100		(2)				
	19	A4	PLC extended module		SIEMENS		Signal extended circuit board SB DT04		24 VDC		1	YE90000401300						
	20	A5	Human-machine interface		FLEXEM		F007R		24 VDC		1	YE80072400000						
	21	T	Transformer		JIUXIN		IN=230V/200V OUT=24V		180VA		1	YE70023005400						
D	22	U	DC power		MEAN WELL		NES-35-24		OUT=DC24V 1.5A		1	YE71352400100						
	23	S1	Reed switch		FOTEK		FC-12V		24 VDC		1	YE15001200000		(1)				
	24	S2 S3	Photosensor switch		FOTEK		T18-3MNB-PE		24 VDC		2	-----		(1)				
	25	S4	Micro switch		TEND		LXW5-11G1		250V 5(4)A		1	-----		(1)				
	机型版本 Ver.F		Notes: (1)Materials not in the control; (2)Dew-point function (3) Optional M2 function;															
	Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date	20210514	Drawer	Version	A	Title	SCD-120U(160U)/80H-LC		Drawing NO.	Scale	Page	8
												Electrical Parts List 1	SCD-120U(160U)/80H-LC-CE-230V-A-8		Standard	CE	Totally	10
										 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Voltage		3φ230V				
												Frequency		50Hz				

1		2		3		4		5		6		7		8						
NO.	Symbol	Name		Manufacturer		Type		Specification		Number	Material number		Remark							
26	S5 S6	Overheat protector		----		-----		250V 5(4)A		2	-----		(1)							
27	S7 S8 S9	Thermocouple		SHINI		ST-K		K		3	-----		(1)							
A 28	S10	Dew-point transducer		VAISALA		DMT141		POWER=24VDC OUT=4-20mA		1	YE90014100100		(1) (2)							
29	S11	Connect to interface board RS-485(Dsub-9pin connector)		YUYUN		----		----		1	YE90048501200									
30		Shell RS-485(SAL-700G-A-19)ver.0		BINCHENG		----		----		1	YR40048500000									
31		Super 5 network jumper		----		2M		BA		1	YE90000201600									
32	Y1-Y5	Solenoid valve		----		MSFW-230-50/60		24V 50/60Hz		5	-----		(1)							
33	H1	Alarm indicator		SHINI		Priority		24V AC/DC		1	BL90002401520		(1)							
34	X1 X2 X4	Terminal board		Honeywell		GK10		10mm ²		3	YE60001003200									
35		Terminal board		Honeywell		GK10PE		10mm ² PE		1	YE60001003500									
B 36		Terminal board		Honeywell		SK4		4mm ²		21	YE60000403200									
37		Terminal board		Honeywell		GK5PE		4mm ² PE		5	YE60000403500									
38		Terminal board		Honeywell		SK2.5		2.5mm ²		25	YE60002503200									
39		Terminal board		Honeywell		GK2.5PE		2.5mm ² PE		6	YE60002503400									
40		Terminal board		Honeywell		SK2.5		2.5mm ²		3	YE60002503200		(2)							
41	X3	Terminal board		Honeywell		3-layer spring terminal SK2.5-TL		10A 250V		3	YE60002503600									
42		Terminal board		Honeywell		SK-2.5TL bridging parts 10bits		FB10-2.5		1	YE60001003600									
43		Terminal fittings E/GK series		Honeywell		E		GK		7	YE60000003900									
C 44	X6 X7	Heavy-duty connector		HARTING		4P+PE(socket)Han 4A-F		PCS		2	YE68000401400		(1)							
45	X5	Heavy-duty connector		HARTING		4P+PE(socket)Han 4A-F		PCS		1	YE68000401400		(1)(3)							
46	FM	Fan		SUNON		DP-200A		24VAC 40W		1	-----		(1)							
47	M1	Blower		SHINI		-----		230V 0.75kW		1	-----		(1)							
48	M2	Blower		SHINI		-----		230V 0.18kW		1	-----		(1)							
49	M3	Blower		SHINI		-----		230V 1.5kW		1	-----		(1)							
50	M4	Motor		----		-----		230V 0.015kW		1	-----		(1)							
机型版本 Ver.F		Notes: (1)Materials not in the control; (2)Dew-point function (3) Optional M2 function;																		
D					Drawer		Version		A		Title		SCD-120U(160U)/80H-LC		Drawing NO.		Scale		Page 9	
					Designer		Approved by				Electrical Parts List 2		SCD-120U(160U)/80H-LC-CE-230V-A-9		Standard		CE		Totally 10 Pages	
					Proofread by		Checked by		Date		20210514		 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Voltage		3φ230V			
	Mark		Before modification		After modification		Modified by		Modify date						Frequency		50Hz			
1		2		3		4		5		6		7		8						

1		2		3		4		5		6		7		8				
NO.	Symbol	Name		Manufacturer		Type		Specification		Number	Material number		Remark					
51	EH1	Heater		SHINI		-----		230V 4kW		1	-----		(1)					
52	EH2	Heater		SHINI		-----		230V 3kW		1	----- 60Hz model is 4kw		(1)					
A																		
B																		
C																		
D																		
机型版本 Ver.F Notes: (1)Materials not in the control; (2)Dew-point function (3) Optional M2 function;																		
Mark		Before modification	After modification	Modified by	Modify date	Checked by	Date	20210514	SHINI 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Title SCD-120U(160U)/80H-LC Electrical Parts List 3		Drawing NO. SCD-120U(160U)/80H-LC-CE-230V-A-10		Scale / Standard CE Page 10 Totally 10 Pages		Voltage 3φ230V Frequency 50Hz	
1		2		3		4		5		6		7		8				

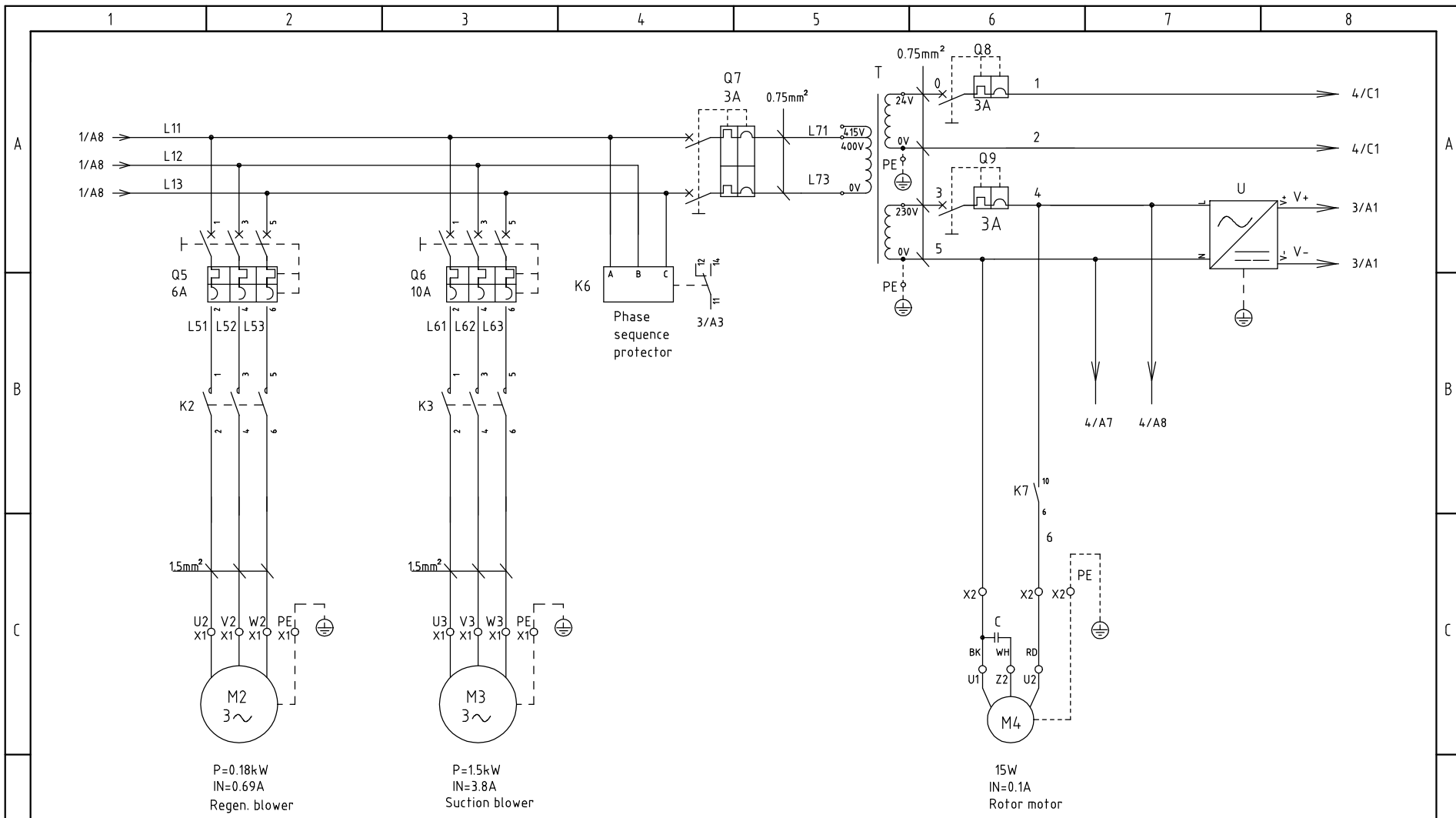


机型版本 Ver.F


D	Drawer	Version	A	Title	SCD-120U(160U)/80H-LC	Drawing NO.	SCD-120U(160U)/80H-LC-CE-400V-A-1	Scale	Page 1
	Designer	Approved by		Electrical Drawing 1		Standard	CE	Totally 9 Pages	
Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date	20210514	Voltage	3φ400V
								Frequency	50Hz



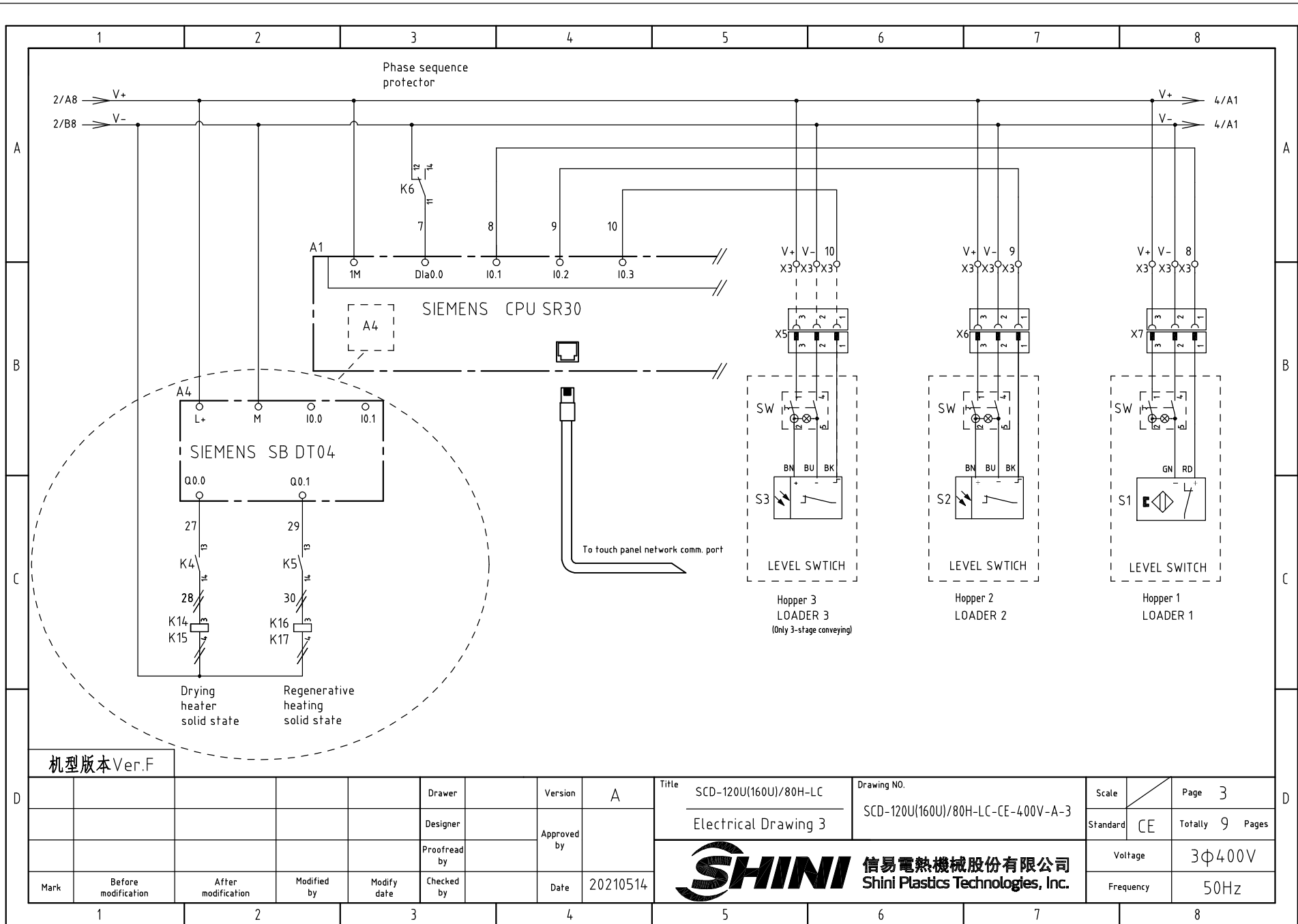
1 2 3 4 5 6 7 8



机型版本 Ver.F

D					Drawer		Version	A	Title	SCD-120U(160U)/80H-LC	Drawing NO.	SCD-120U(160U)/80H-LC-CE-400V-A-2	Scale		Page	2
					Designer		Approved by		Electrical Drawing 2		Standard	CE	Totally	9	Pages	
D					Proofread by		Date	20210514	 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.				Voltage	3φ400V		
	Mark	Before modification	After modification	Modified by	Modify date	Checked by							Frequency	50Hz		

1 2 3 4 5 6 7 8

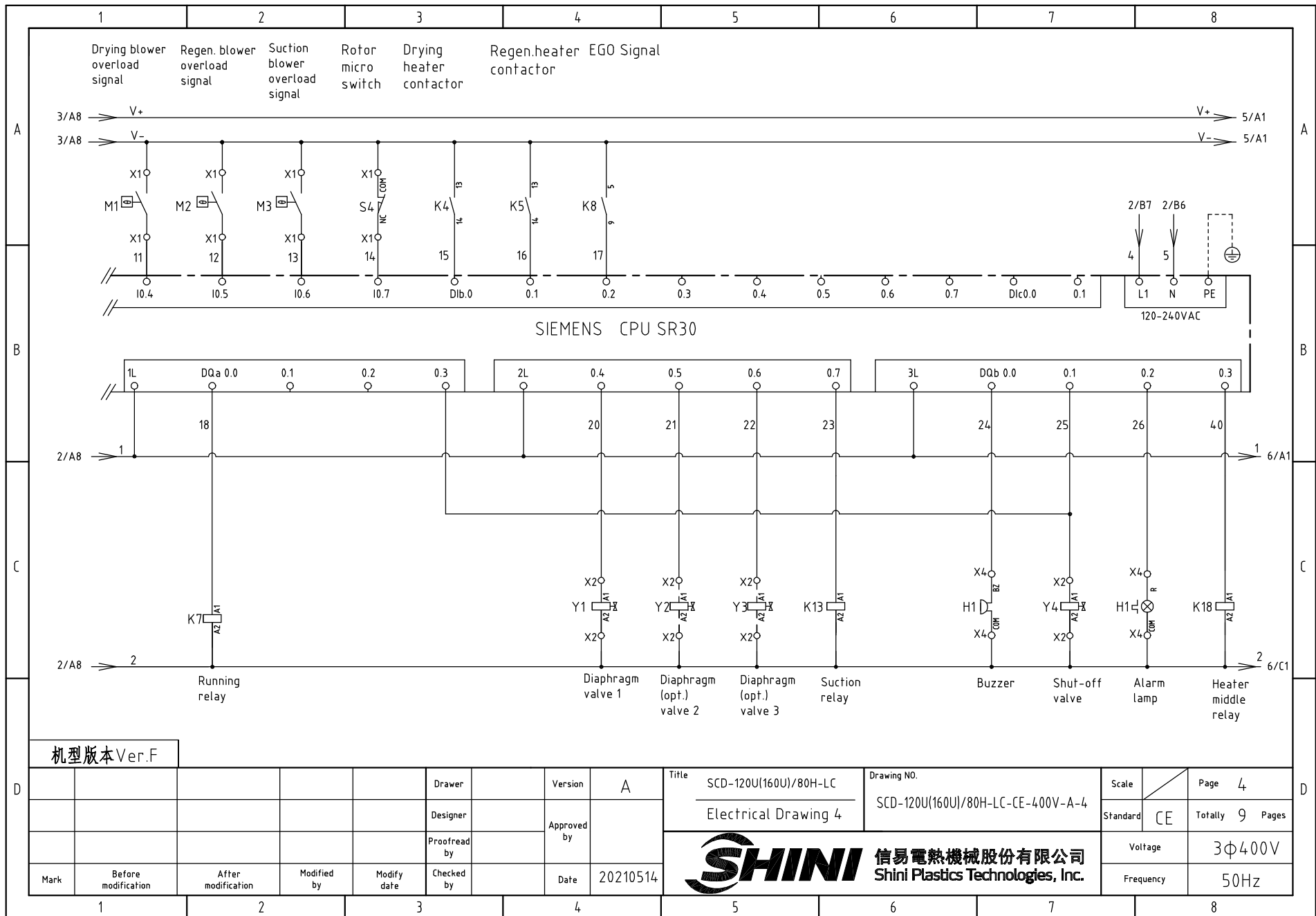


机型版本 Ver.F


D	Drawer	Version	A	Title	SCD-120U(160U)/80H-LC	Drawing NO.	Scale	Page	3
	Designer	Approved by		Electrical Drawing 3	SCD-120U(160U)/80H-LC-CE-400V-A-3	Standard	CE	Totally	9 Pages
Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date	20210514	Voltage	3Φ400V
								Frequency	50Hz



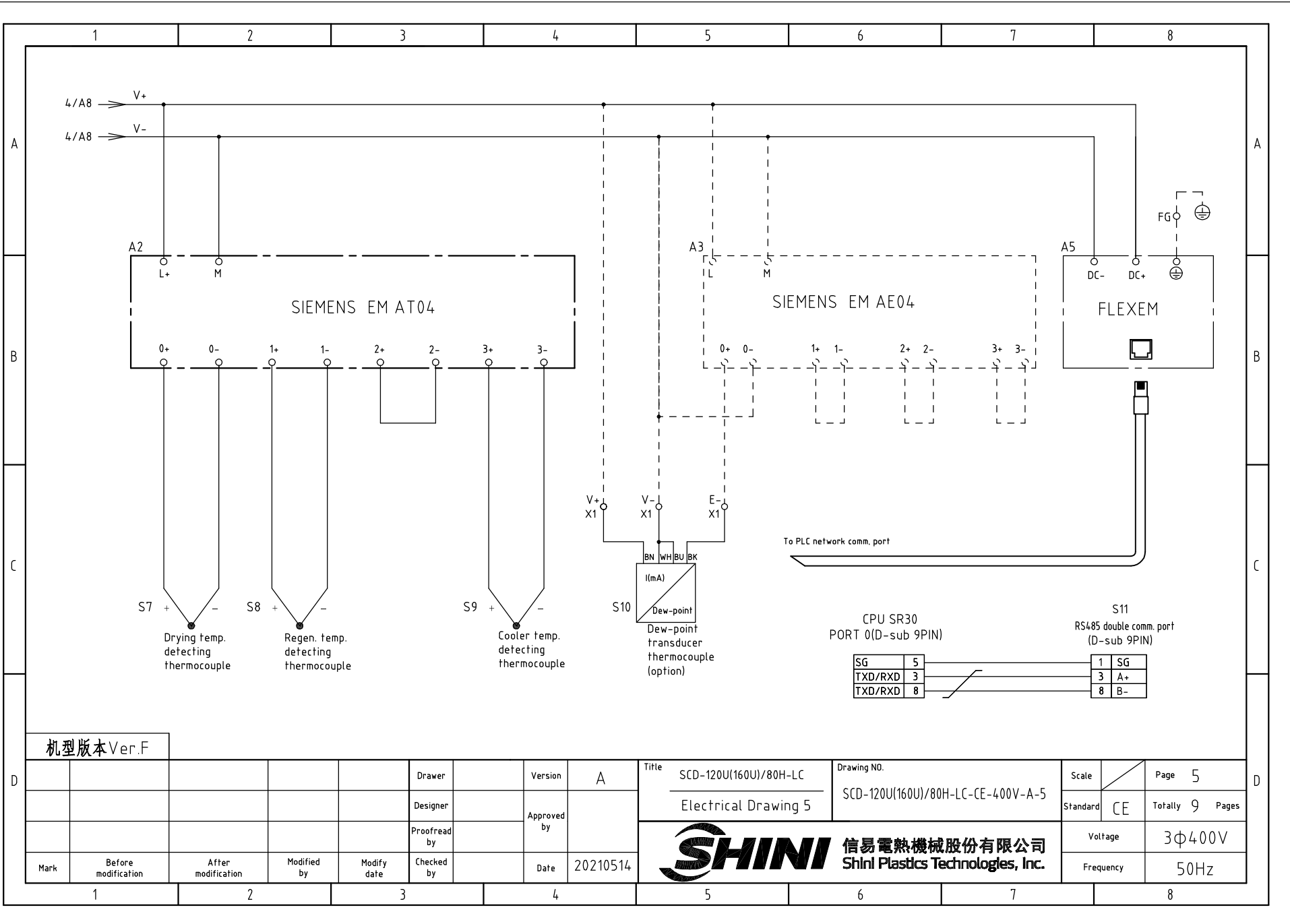
信易電熱機械股份有限公司
Shini Plastics Technologies, Inc.



机型版本 Ver.F

D	Drawer	Version	A	Title	SCD-120U(160U)/80H-LC	Drawing NO.	Scale	Page	4
	Designer	Approved by		Electrical Drawing 4	SCD-120U(160U)/80H-LC-CE-400V-A-4	Standard	CE	Totally	9 Pages
D	Proofread by	Date	20210514	 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.			Voltage	3Φ400V	
	Mark	Before modification	After modification				Modified by	Modify date	Checked by

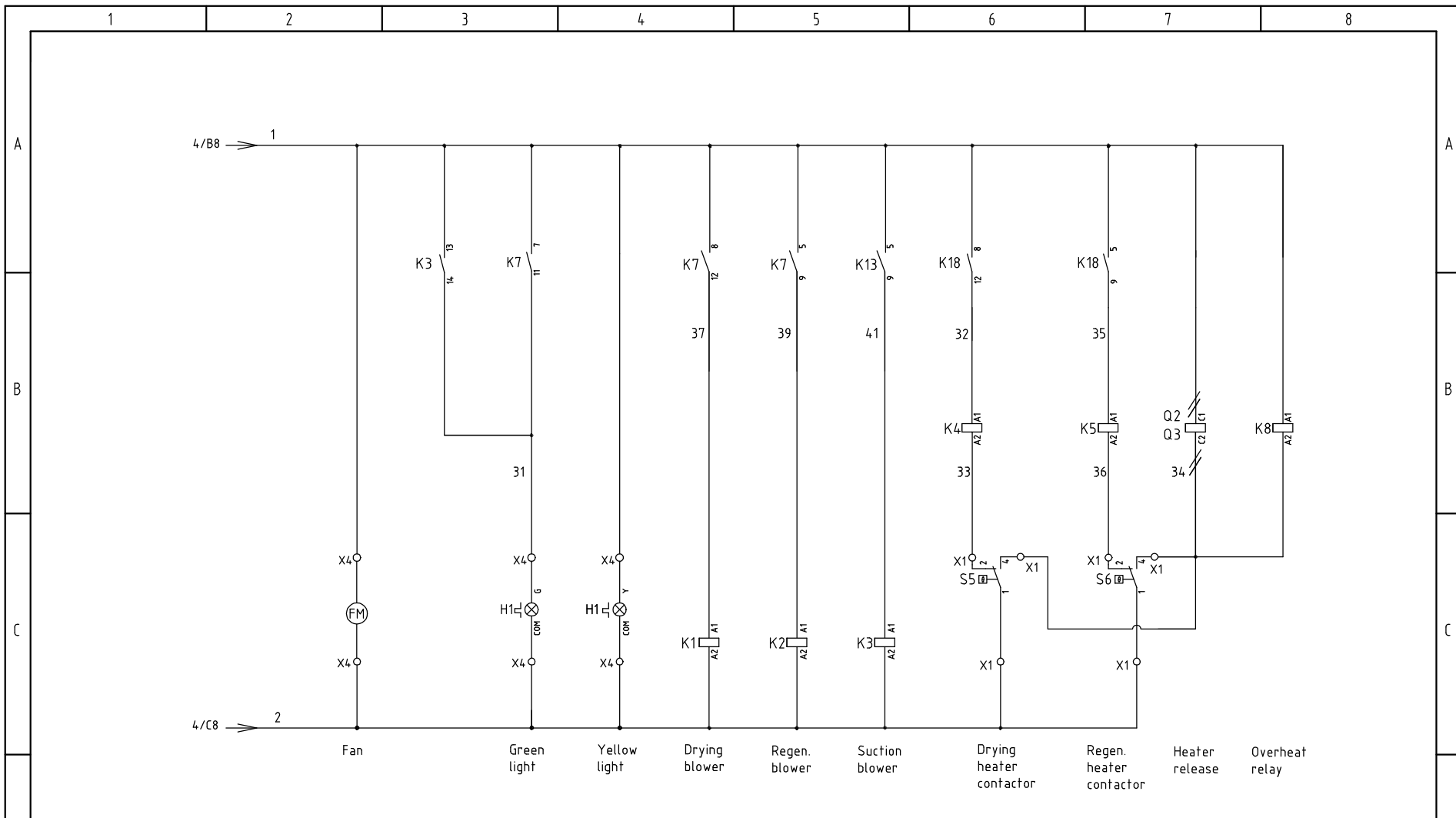
1 2 3 4 5 6 7 8




机型版本 Ver.F

Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date	20210514	Drawer	Version	A	Title	SCD-120U(160U)/80H-LC Electrical Drawing 5	Drawing NO.	SCD-120U(160U)/80H-LC-CE-400V-A-5	Scale	Page	5
								Designer	Approved by					Standard	CE	Totally	9 Pages
								Proofread by							Voltage	3φ400V	
															Frequency	50Hz	

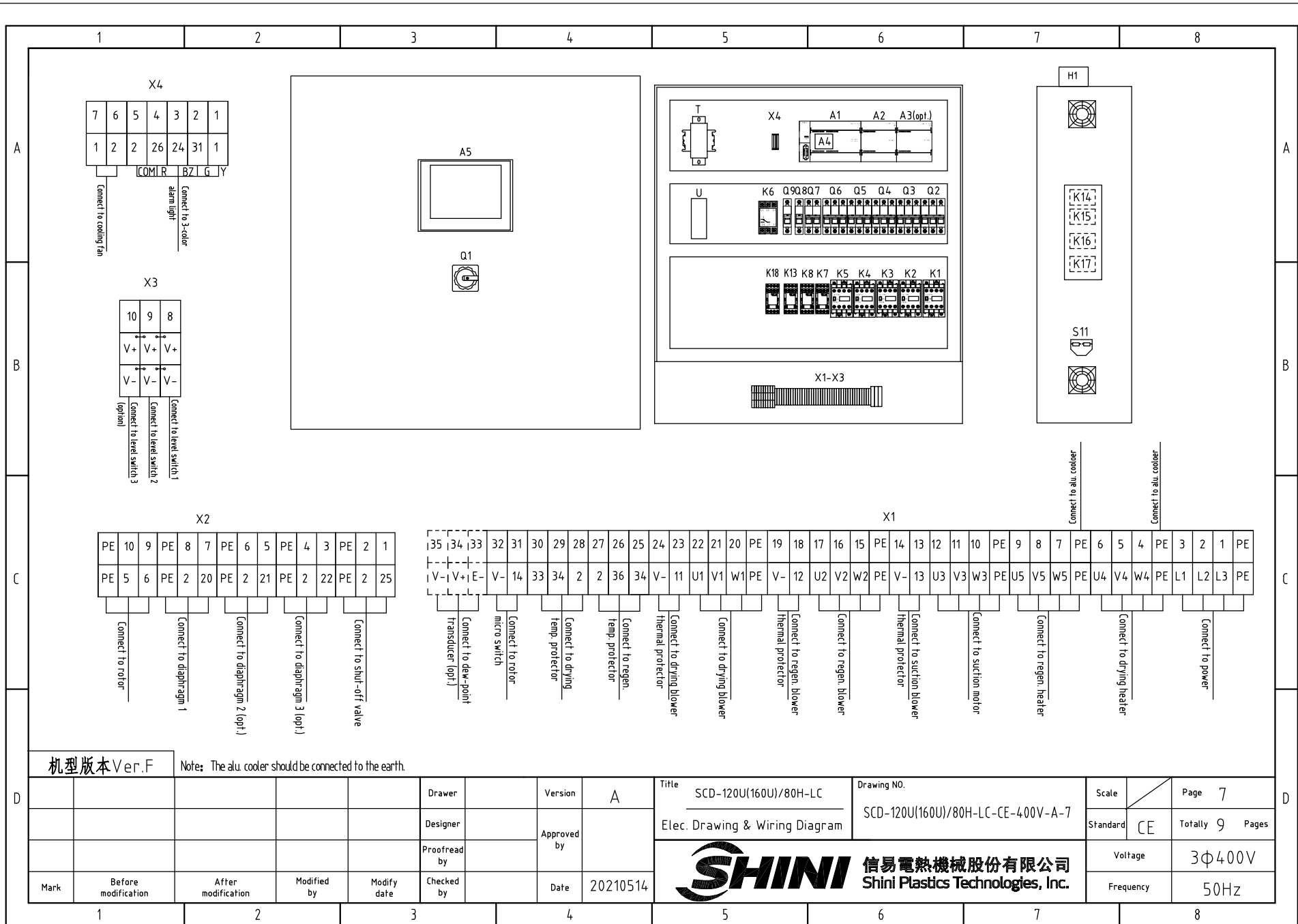




机型版本 Ver.F

D					Drawer		Version	A	Title	SCD-120U(160U)/80H-LC	Drawing NO.	SCD-120U(160U)/80H-LC-CE-400V-A-6	Scale	Page 6
					Designer		Approved by		Electrical Drawing 6			Standard	CE	Totally 9 Pages
					Proofread by		Date	20210514	 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Voltage	3Φ400V		
	Mark	Before modification	After modification	Modified by	Modify date	Checked by					Frequency	50Hz		

1 2 3 4 5 6 7 8



机型版本 Ver.F

Note: The a.u. cooler should be connected to the earth.

Title SCD-120U(160U)/80H-LC
Elec. Drawing & Wiring Diagram

Drawing NO. SCD-120U(160U)/80H-LC-CE-400V-A-7

Scale	Page 7
Standard CE	Totally 9 Pages

SHINI 信易電熱機械股份有限公司
Shini Plastics Technologies, Inc.

Voltage	3Φ400V
Frequency	50Hz

Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date	20210514
Drawer	Version	A	Approved by	Date			
Designer	Proofread by						

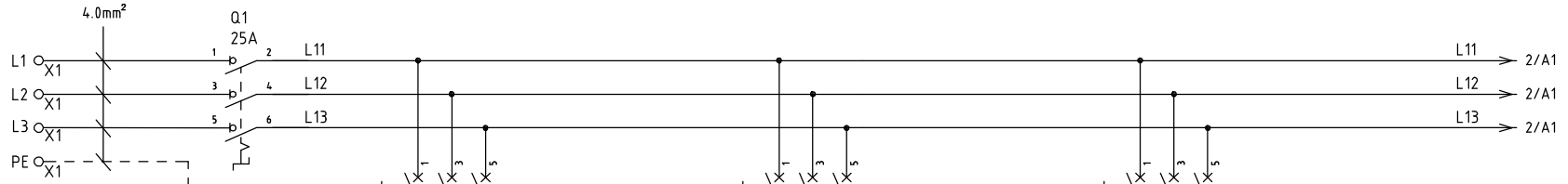
1		2		3		4		5		6		7		8	
NO.	Symbol	Name		Manufacturer		Type		Specification		Number	Material number		Remark		
A	1	Q1	Main power switch		EATON		P1-25-EA/SVB		25A		1	YE10125250000			
	2	Q2	Circuit breaker		TECO		BM-63C 3P		10A		1	YE40301003000			
	3	Q3 Q6	Circuit breaker		TECO		BM-63C 3P		10A		2	YE40301003000			
	4		Excitation release		YIJIN		MX		24VAC 50/60Hz		2	YE40024000000			
	5	Q4 Q5	Circuit breaker		TECO		BM-63C 3P		6A		2	YE40300603000			
	6	Q7	Circuit breaker		TECO		BM-63C 2P		3A		1	YE40200203000			
	7	Q8 Q9	Circuit breaker		TECO		BM-63C 1P		3A		2	YE40100203000			
B	8	K1 K2 K4 K5	Contactor		SIEMENS		3RT6015-1AB01		24VAC 50/60Hz		4	YE00601502500			
	9	K3	Contactor		SIEMENS		3RT6016-1AB01		24VAC 50/60Hz		1	YE00601602500			
	10		Auxiliary contactor		SIEMENS		3RH6911		1AA10		2	YE00691100000			
	11	K6	Phase sequence relay		CHAOSHI		ABJ-10W		400V 50/60Hz		1	YE03103800000			
	12	K7	Middle relay		Honeywell		GR-4C-base PGR-4C-E		AC24V 50/60Hz		1	YE03042400300			
	13	K8 K13 K18	Middle relay		Honeywell		GR-2C-base PGR-2C-E		AC24V 50/60Hz		3	YE03022400300			
	14	K14-K17	Solid state relay		FOTEK		KSR-40DA-H		40A/480VAC/4-32VDC		4	YE03404003200			
C	15	A1	Programmable logic controller		SIEMENS		CPU SR30 AC/DC/RLY		100-230VAC 50/60Hz		1	YE81003006000			
	16	A2	PLC extended module		SIEMENS		4-point thermocouple temp. module EM AT04		24VDC		1	YE82000400300			
	17	A3	PLC extended module		SIEMENS		4-point input analog module EM AT04		24VDC		1	YE82000400100		(2)	
	18	A4	PLC extended module		SIEMENS		Signal extended circuit board SB DT04		24VDC		1	YE90000401300			
	19	A5	Human-machine interface		FLEXEM		F007R		24VDC		1	YE80072400000			
	20	T	Transformer		JIUXIN		400V/415V OUT=24V/230V		120VA 350MA		1	YE70040007300			
	21	U	DC power		MEAN WELL		NES-35-24		OUT=DC24V 1.5A		1	YE71352400100			
	22	S1	Reed switch		FOTEK		FC-12V		24VDC		1	-----		(1)	
	23	S2 S3	Photosensor switch		FOTEK		T18-3MNB-PE		24VDC		2	-----		(1)	
D	24	S4	Micro switch		TEND		LXW5-11G1		250V 5(4)A		1	-----		(1)	
	25	S5 S6	Overheat protector		----		----		250V 5(4)A		2	-----		(1)	
	机型版本 Ver.F Notes: (1)Materials not in the control; (2)Dew-point function (3) Optional M2 function;														
Mark	Before modification		After modification		Modified by	Modify date	Checked by	Date	20210514	 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Voltage		3φ400V	
										Title		Scale		Page 8	
										Drawing NO.		Standard		Totally 9 Pages	
										Electrical Parts List 1		CE			
											Frequency		50Hz		

1		2		3		4		5		6		7		8						
NO.	Symbol	Name		Manufacturer		Type		Specification		Number	Material number		Remark							
A	26	S7 S8 S9	Thermocouple		SHINI		ST-K		K		3	-----		(1)						
	27	S10	Dew-point transducer		VAISALA		DMT141		POWER=24VDC OUT=4-20mA		1	YE90014100100		(1) (2)						
	28	S11	Connect to interface board RS-485(Dsub-9pin connector)		YUYUN		----		PCS		1	YE90048501200								
	29		Shell RS-485(SAL-700G-A-19)ver.0		BINCHENG		----		PCS		1	YR40048500000								
	30		Super 5 network jumper		----		2M		BA		1	YE90000201600								
	31	Y1-Y5	Solenoid valve		----		MSFW-230-50/60		24V 50/60Hz		5	-----		(1)						
	32	H1	Alarm indicator		SHINI		Priority		24V AC/DC		1	BL90002401520		(1)						
B	33	X1 X2 X4	Terminal board		Honeywell		SK4		4mm ²		24	YE60000403200								
	34		Terminal board		Honeywell		GK5PE		4mm ² PE		6	YE60000403500								
	35		Terminal board		Honeywell		SK2.5		2.5mm ²		25	YE60002503200								
	36		Terminal board		Honeywell		GK2.5PE		2.5mm ² PE		6	YE60002503400								
	37		Terminal board		Honeywell		SK2.5		2.5mm ²		3	YE60002503200		(2)						
	38	X3	Terminal board		Honeywell		3-layer spring terminal SK2.5-TL		10A 250V		3	YE60002503600								
	39		Terminal board		Honeywell		SK-2.5TL bridging parts 10bits		FB10-2.5		1	YE60001003600								
40		Terminal fittings E/GK series		Honeywell		E		GK		7	YE60000003900									
C	41	X6 X7	Heavy-duty connector		HARTING		4P+PE(socket)Han 4A-F		PCS		2	YE68000401400		(1)						
	42	X5	Heavy-duty connector		HARTING		4P+PE(socket)Han 4A-F		PCS		1	YE68000401400		(1) (3)						
	43	FM	Fan		SUNON		DP-200A		24VAC 40W		1	-----		(1)						
	44	M1	Blower		SHINI		-----		400V 0.75kW		1	-----		(1)						
	45	M2	Blower		SHINI		-----		400V 0.18kW		1	-----		(1)						
	46	M3	Blower		SHINI		-----		400V 1.5kW		1	-----		(1)						
	47	M4	Motor		----		-----		230V 0.015kW		1	-----		(1)						
D	48	EH1	Pipe heater		SHINI		-----		400V 4kW		1	-----		(1)						
	49	EH2	Pipe heater		SHINI		-----		400V 3kW		1	----- 60Hz model is 4kw		(1)						
机型版本 Ver.F		Notes: (1)Materials not in the control; (2)Dew-point function (3) Optional M2 function;																		
D					Drawer		Version		A		Title		SCD-120U(160U)/80H-LC		Drawing NO.		Scale		Page 9	
					Designer		Approved by				Electrical Parts List 2		SCD-120U(160U)/80H-LC-CE-400V-A-9		Standard		CE		Totally 9 Pages	
					Proofread by		Checked by		Date		20210514		 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Voltage		3Φ400V			
	Mark		Before modification		After modification		Modified by		Modify date						Frequency		50Hz			
1		2		3		4		5		6		7		8						

1 2 3 4 5 6 7 8

A

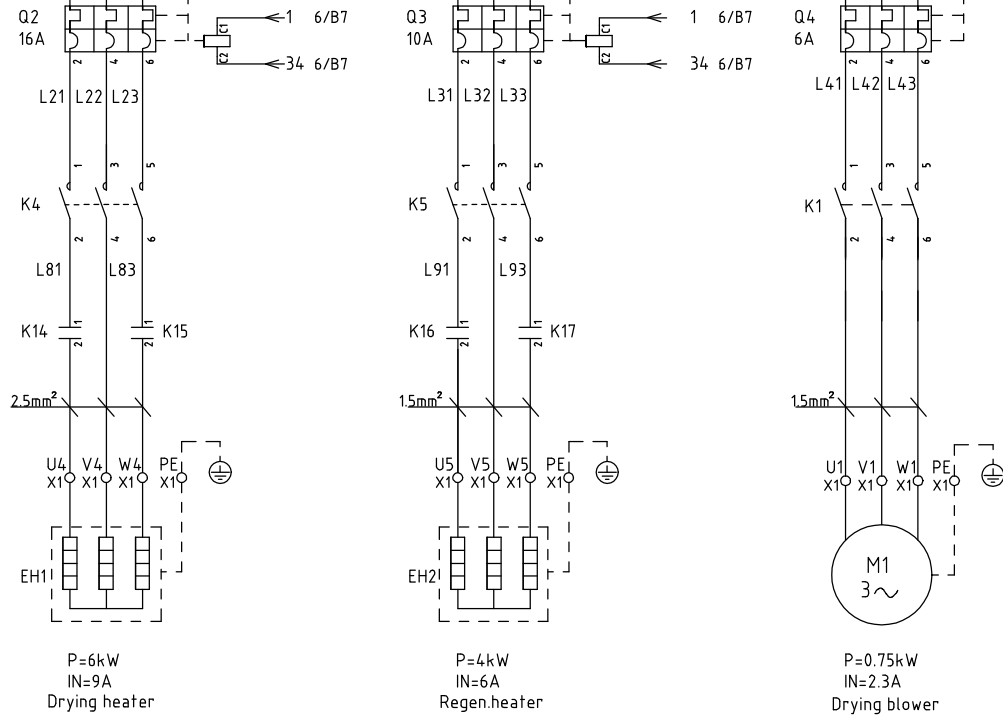
A



3/PE/400V 50Hz
INPUT:22A

B

B




C

C

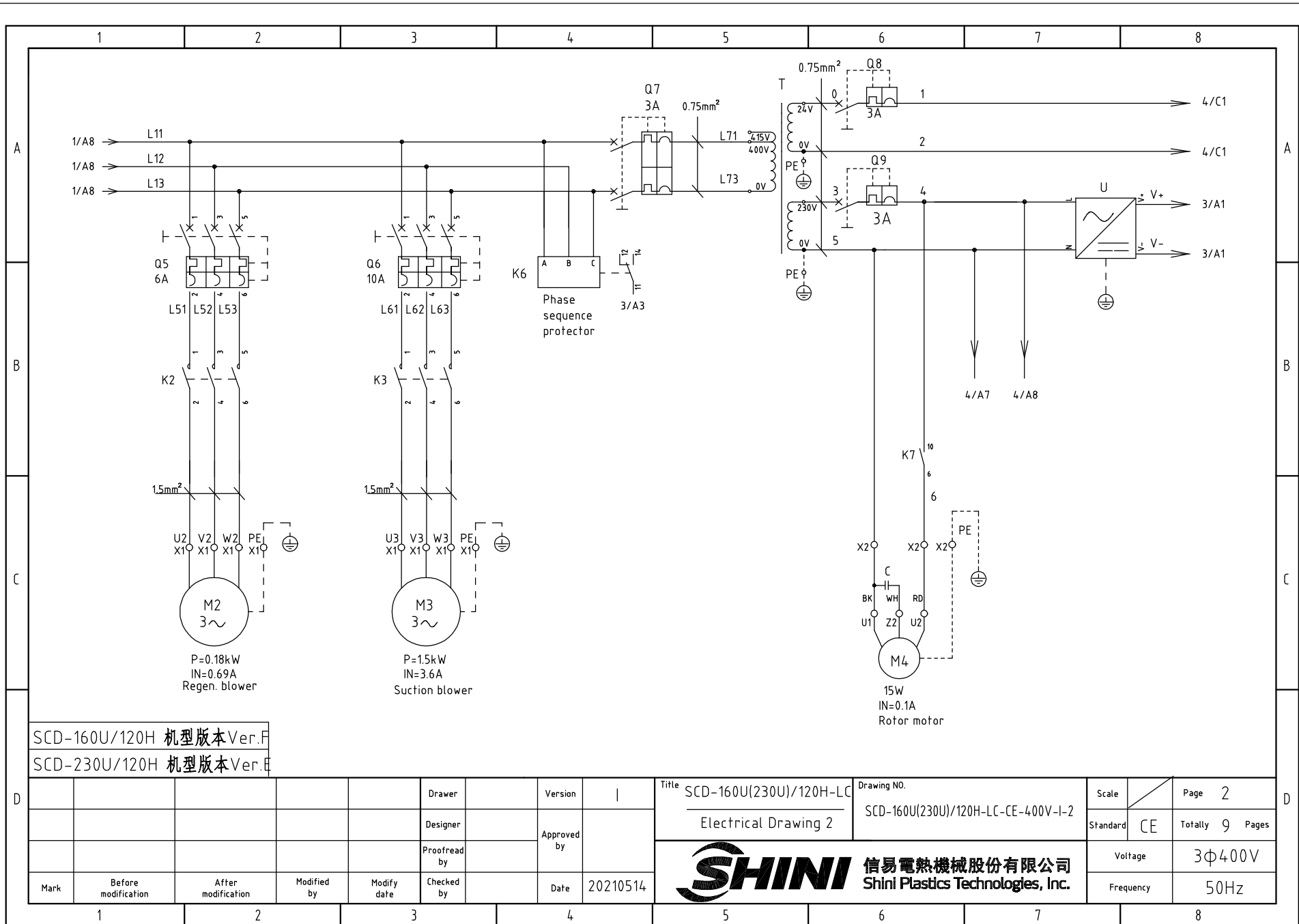
SCD-160U/120H 机型版本 Ver.F
SCD-230U/120H 机型版本 Ver.E

D

D


				Drawer	Version		Title		Drawing NO.		Scale	Page
				Designer	Approved by		SCD-160U(230U)/120H-LC		SCD-160U(230U)/120H-LC-CE-400V-I-1		CE	1
				Proofread by	Date		Electrical Drawing 1				Totally	9 Pages
Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date	20210514	 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Voltage		3Φ400V
										Frequency		50Hz

1 2 3 4 5 6 7 8

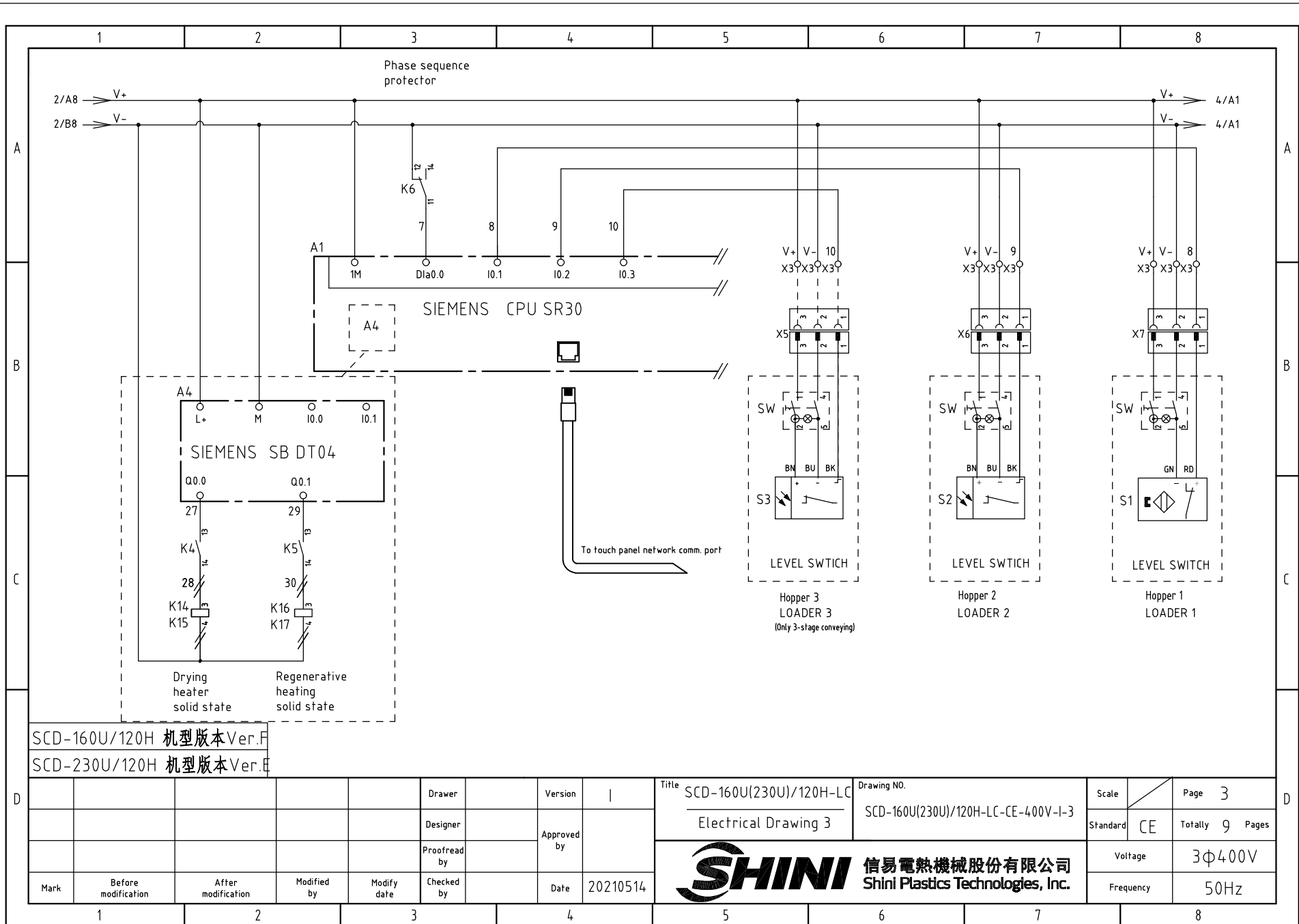


SCD-160U/120H 机型版本 Ver.F

SCD-230U/120H 机型版本 Ver.E

D					Drawer	Version		Title SCD-160U(230U)/120H-LC		Drawing NO.	Scale	Page 2
					Designer	Approved by		Electrical Drawing 2		SCD-160U(230U)/120H-LC-CE-400V-I-2	Standard CE	Totally 9 Pages
				Proofread by	Date		20210514		 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Voltage	3φ400V
Mark	Before modification	After modification	Modified by	Modify date	Checked by			Frequency			50Hz	

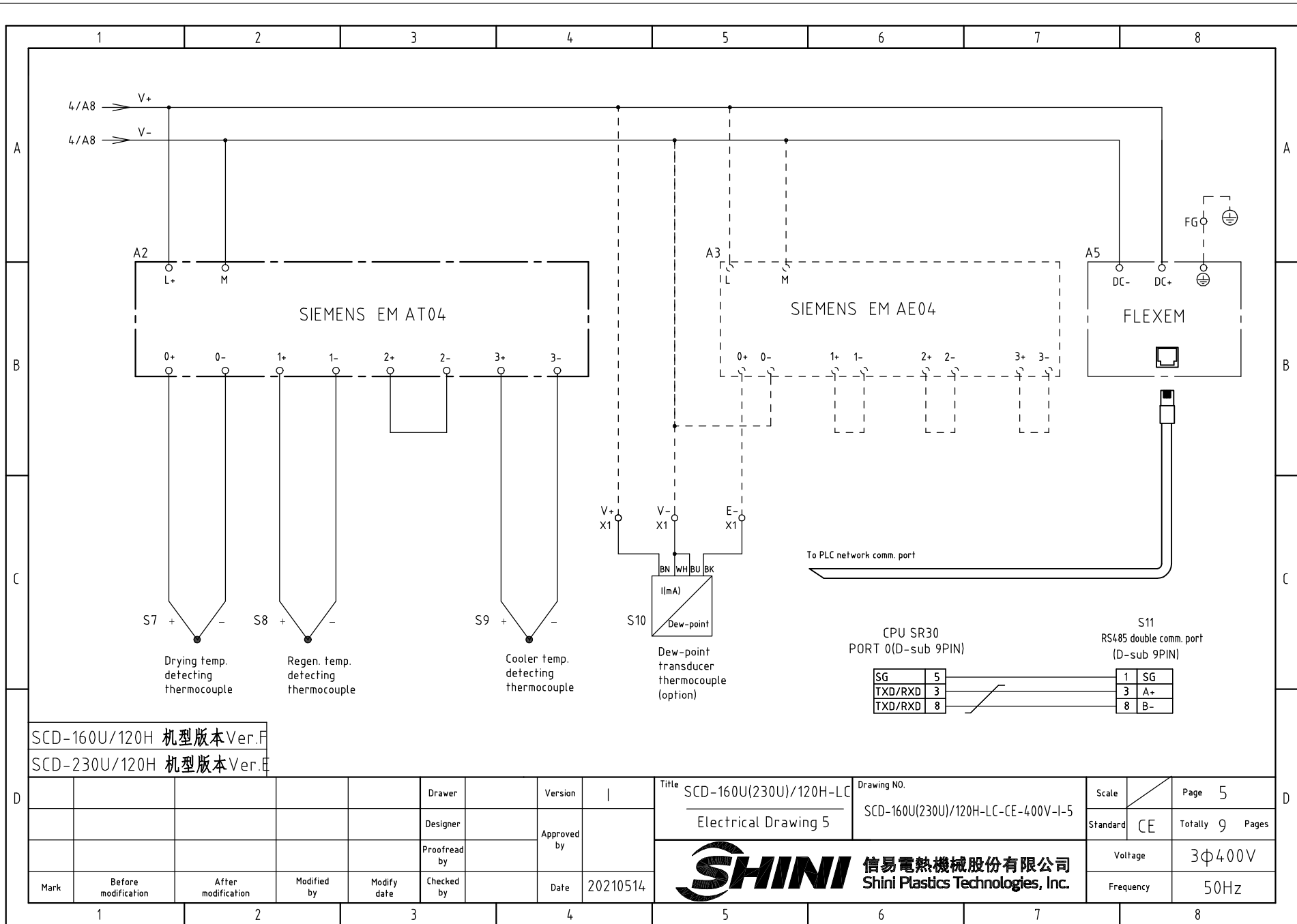
1 2 3 4 5 6 7 8



SCD-160U/120H 机型版本 Ver.F


SCD-230U/120H 机型版本 Ver.E

				Drawer	Version		Title SCD-160U(230U)/120H-LC		Drawing NO.		Scale	Page 3
				Designer	Approved by		Electrical Drawing 3		SCD-160U(230U)/120H-LC-CE-400V-I-3		Standard CE	Totally 9 Pages
				Proofread by	Date		SHINI 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Voltage		3φ400V	
Mark	Before modification	After modification	Modified by	Modify date	Checked by	20210514			Frequency		50Hz	



SCD-160U/120H 机型版本 Ver.F

SCD-230U/120H 机型版本 Ver.E

D					Drawer		Version	I	Title	SCD-160U(230U)/120H-LC	Drawing NO.	Scale	Page	5
					Designer		Approved by		Electrical Drawing 5	SCD-160U(230U)/120H-LC-CE-400V-I-5	Standard	CE	Totally	9 Pages
D					Proofread by		Date	20210514	 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.			Voltage	3φ400V	
					Checked by							Frequency	50Hz	

1

2

3

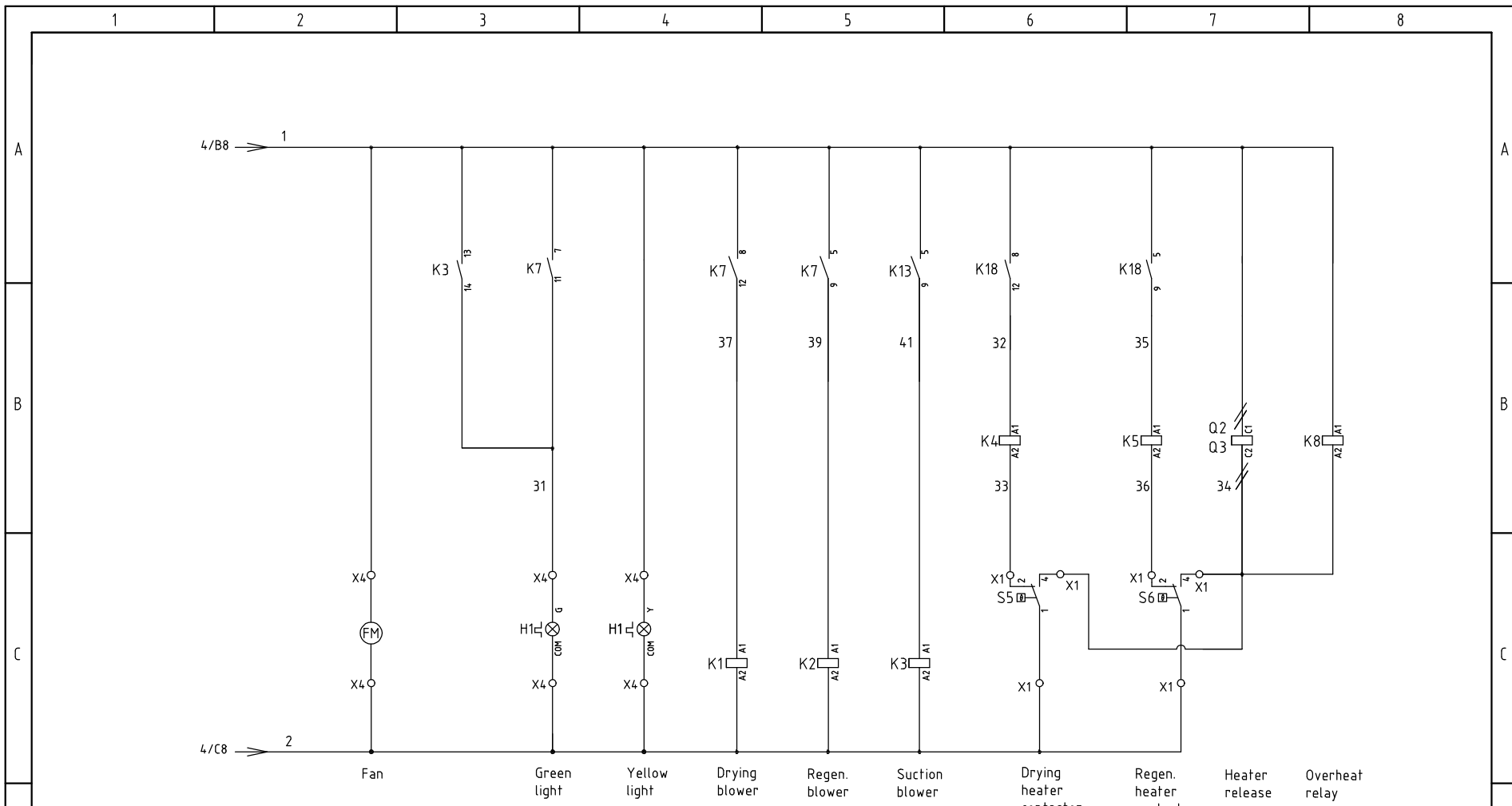
4

5

6

7

8



SCD-160U/120H 机型版本 Ver.F
 SCD-230U/120H 机型版本 Ver.E

Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date	20210514
					Proofread by	Approved by	
					Designer	Version	
					Drawer		

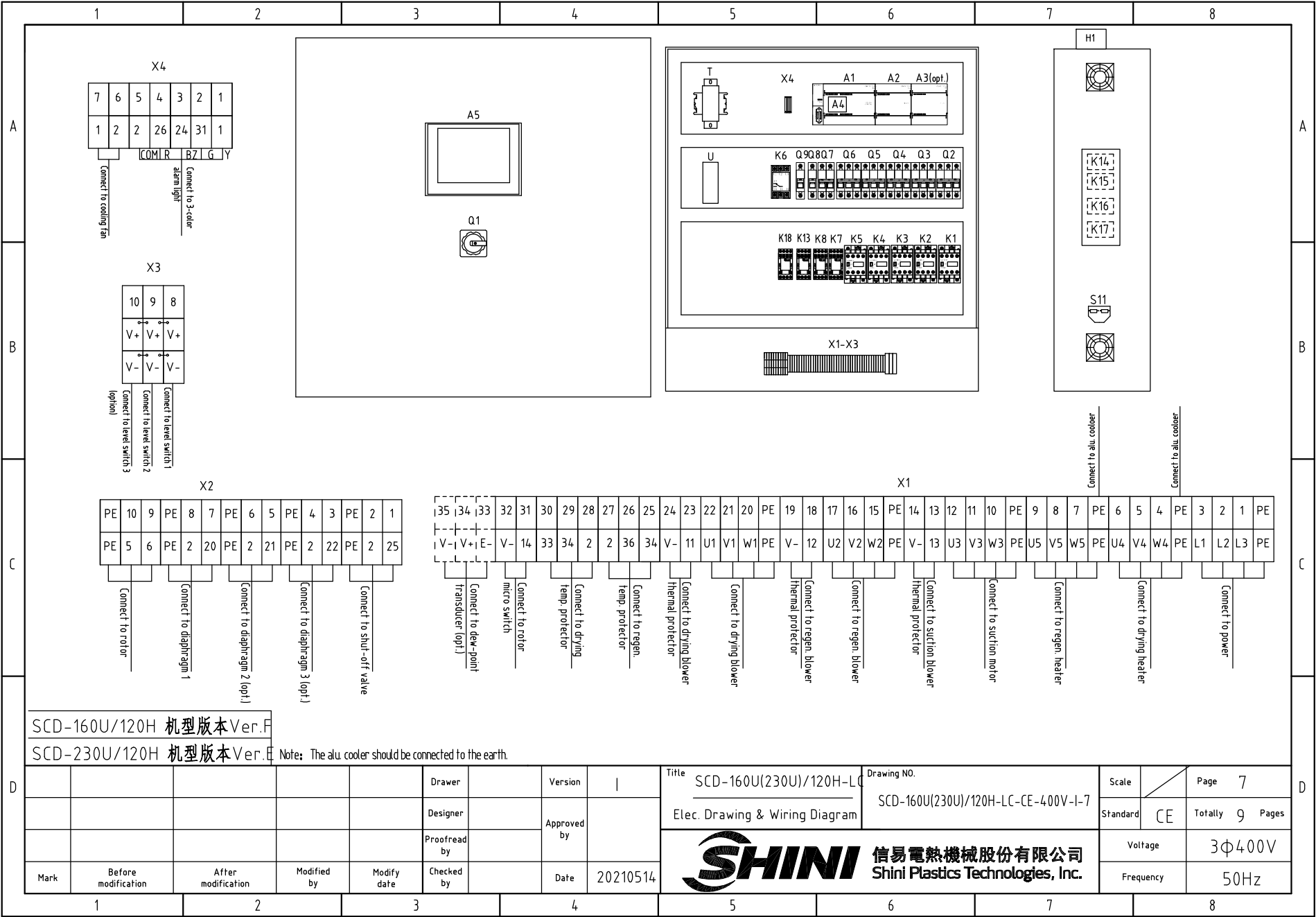
Title SCD-160U(230U)/120H-LC
 Electrical Drawing 6

Drawing NO.
 SCD-160U(230U)/120H-LC-CE-400V-1-6

Scale	Page 6
Standard CE	Totally 9 Pages

SHINI 信易電熱機械股份有限公司
 Shini Plastics Technologies, Inc.

Voltage	3φ400V
Frequency	50Hz



SCD-160U/120H 机型版本 Ver.F

SCD-230U/120H 机型版本 Ver.F

Note: The all-cooler should be connected to the earth.

Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date	20210514
					Proofread by	Approved by	
					Designer	Version	I
					Drawer		

Title SCD-160U(230U)/120H-LC
Elec. Drawing & Wiring Diagram

Drawing NO. SCD-160U(230U)/120H-LC-CE-400V-I-7



信易電熱機械股份有限公司
Shini Plastics Technologies, Inc.

Scale	Page 7
Standard CE	Totally 9 Pages
Voltage	3Φ400V
Frequency	50Hz

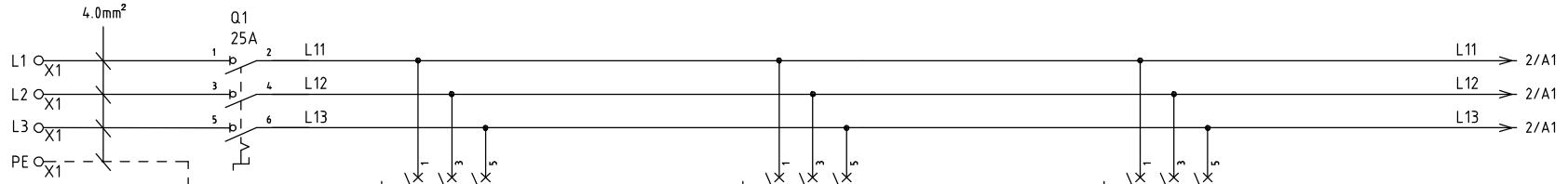
1		2		3		4		5		6		7		8	
N0.	Symbol	Name		Manufacturer		Type		Specification		Number	Material number		Remark		
A	1	Q1	Main power switch		EATON		P1-25-EA/SVB		25A		1	YE10125250000			
	2	Q2	Circuit breaker		TECO		BM-63C 3P		16A		1	YE40301603000			
	3	Q3 Q6	Circuit breaker		TECO		BM-63C 3P		10A		2	YE40301003000			
	4		Excitation release		YIJIN		MX		24 VAC 50/60Hz		2	YE40024000000			
	5	Q4 Q5	Circuit breaker		TECO		BM-63C 3P		6A		2	YE40300603000			
	6	Q7	Circuit breaker		TECO		BM-63C 2P		3A		1	YE40200203000			
	7	Q8 Q9	Circuit breaker		TECO		BM-63C 1P		3A		2	YE40100203000			
B	8	K1 K2 K4 K5	Contactor		SIEMENS		3RT6015-1AB01		24 VAC 50/60Hz		4	YE00601502500			
	9	K3	Contactor		SIEMENS		3RT6016-1AB01		24 VAC 50/60Hz		1	YE00601602500			
	10		Auxiliary contactor		SIEMENS		3RH6911		1AA10		2	YE00691110000			
	11	K6	Phase sequence relay		CHAOSHI		ABJ-10W		400V 50/60Hz		1	YE03103800000			
	12	K7	Middle relay		Honeywell		GR-4C-base PGR-4C-E		AC24V 50/60Hz		1	YE03042400300			
	13	K8 K13 K18	Middle relay		Honeywell		GR-2C-base PGR-2C-E		AC24V 50/60Hz		3	YE03022400300			
	14	K14-K17	Solid state relay		FOTEK		KSR-40DA-H		40A/480VAC/4-32VDC		4	YE03404003200			
C	15	A1	Programmable logic controller		SIEMENS		CPU SR30 AC/DC/RLY		100-230VAC 50/60Hz		1	YE81003006000			
	16	A2	PLC extended module		SIEMENS		4-point thermocouple temp. module EM AT04		24 VDC		1	YE82000400300			
	17	A3	PLC extended module		SIEMENS		4-point input analog module EM AT04		24 VDC		1	YE82000400100		(2)	
	18	A4	PLC extended module		SIEMENS		Signal extended circuit board SB DT04		24 VDC		1	YE90000401300			
	19	A5	Human-machine interface		FLEXEM		F007R		24 VDC		1	YE80072400000			
	20	T	Transformer		JIUXIN		400V/415V OUT=24V/230V		120VA 350MA		1	YE70040007300			
	21	U	DC power		MEAN WELL		NES-35-24		OUT=DC24V 1.5A		1	YE71352400100			
	22	S1	Reed switch		FOTEK		FC-12V		24 VDC		1	-----		(1)	
	23	S2 S3	Photosensor switch		FOTEK		T18-3MNB-PE		24 VDC		2	-----		(1)	
	24	S4	Micro switch		TEND		LXW5-11G1		250V 5(4)A		1	-----		(1)	
	25	S5 S6	Overheat protector		----		----		250V 5(4)A		2	-----		(1)	
SCD-160U/120H 机型版本 Ver.F SCD-230U/120H 机型版本 Ver.E															
Notes: (1)Materials not in the control; (2)Dew-point function (3) Optional M2 function;															
D	Drawer		Version		Title		Drawing NO.		Scale		Page		8		
	Designer		Approved by		SCD-160U(230U)/120H-LC		SCD-160U(230U)/120H-LC-CE-400V-I-8		Standard		CE		Totally 9 Pages		
	Proofread by		Date		20210514				Voltage		3φ400V				
	Mark		Before modification		After modification		Modified by		Modify date		Checked by				
1		2		3		4		5		6		7		8	

1		2		3		4		5		6		7		8	
NO.	Symbol	Name		Manufacturer		Type		Specification		Number	Material number		Remark		
26	S7 S8 S9	Thermocouple		SHINI		ST-K		K		3	-----		(1)		
27	S10	Dew-point transducer		VAISALA		DMT141		POWER=24VDC OUT=4-20mA		1	YE90014100100		(1) (2)		
A	28	S11	Connect to interface board RS-485(Dsub-9pin connector)		YUYUN		----		PCS		1	YE90048501200			
	29		Shell RS-485(SAL-700G-A-19)ver.0		BINCHENG		----		PCS		1	YR40048500000			
	30		Super 5 network jumper		----		2M		BA		1	YE90000201600			
	31	Y1~Y5	Solenoid valve		----		MSFW-230-50/60		24V 50/60Hz		5	-----		(1)	
	32	H1	Alarm indicator		SHINI		Priority		24V AC/DC		1	BL90002401520		(1)	
B	33	X1 X2 X4	Terminal board		Honeywell		SK4		4mm ²		24	YE60000403200			
	34		Terminal board		Honeywell		GK5PE		4mm ² PE		6	YE60000403500			
	35		Terminal board		Honeywell		SK2.5		2.5mm ²		25	YE60002503200			
	36		Terminal board		Honeywell		GK2.5PE		2.5mm ² PE		6	YE60002503400			
	37		Terminal board		Honeywell		SK2.5		2.5mm ²		3	YE60002503200		(2)	
	38	X3	Terminal board		Honeywell		3-layer spring terminal SK2.5-TL		10A 250V		3	YE60002503600			
	39		Terminal board		Honeywell		SK-2.5TL bridging parts 10bits		FB10-2.5		1	YE60001003600			
	40		Terminal fittings E/GK series		Honeywell		E		GK		7	YE60000003900			
C	41	X6 X7	Heavy-duty connector		HARTING		4P+PE(socket)Han 4A-F		PCS		2	YE68000401400		(1)	
	42	X5	Heavy-duty connector		HARTING		4P+PE(socket)Han 4A-F		PCS		1	YE68000401400		(1) (3)	
	43	FM	Fan		SUNON		DP-200A		24VAC 40W		1	-----		(1)	
	44	M1	Blower		SHINI		-----		400V 0.75kW		1	-----		(1)	
	45	M2	Blower		SHINI		-----		400V 0.18kW		1	-----		(1)	
	46	M3	Blower		SHINI		-----		400V 1.5kW		1	-----		(1)	
	47	M4	Motor		----		-----		230V 0.015kW		1	-----		(1)	
	48	EH1	Pipe heater		SHINI		-----		400V 6kW		1	-----		(1)	
	49	EH2	Pipe heater		SHINI		-----		400V 3kW		1	----- 60Hz model is 4kw		(1)	
SCD-160U/120H 机型版本 Ver.F SCD-230U/120H 机型版本 Ver.E Notes: (1)Materials not in the control; (2)Dew-point function (3) Optional M2 function;															
D					Drawer		Version	I	Title SCD-160U(230U)/120H-LC Electrical Parts List 2		Drawing NO. SCD-160U(230U)/120H-LC-CE-400V-I-9		Scale	Page 9	
					Designer		Approved by						Standard	CE	Totally 9 Pages
					Proofread by								Voltage		3Φ400V
Mark	Before modification	After modification	Modified by	Modify date	Checked by		Date	20210514	 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.				Frequency		50Hz
1		2		3		4		5		6		7		8	

1 2 3 4 5 6 7 8

A

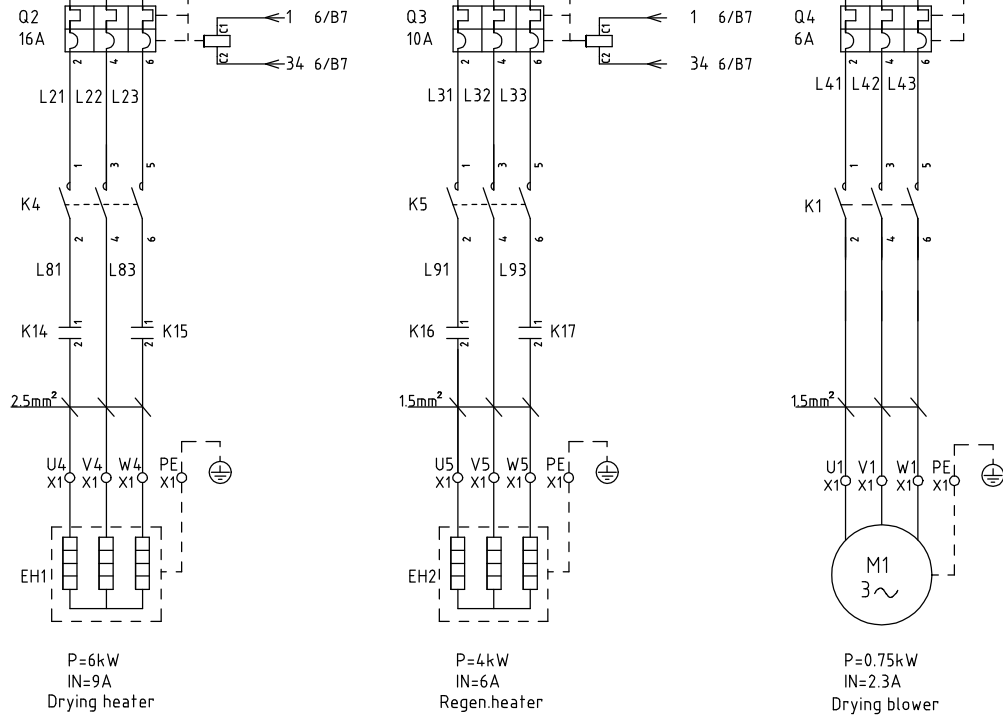
A



3/PE/400V 50Hz
INPUT:22A

B

B




C

C

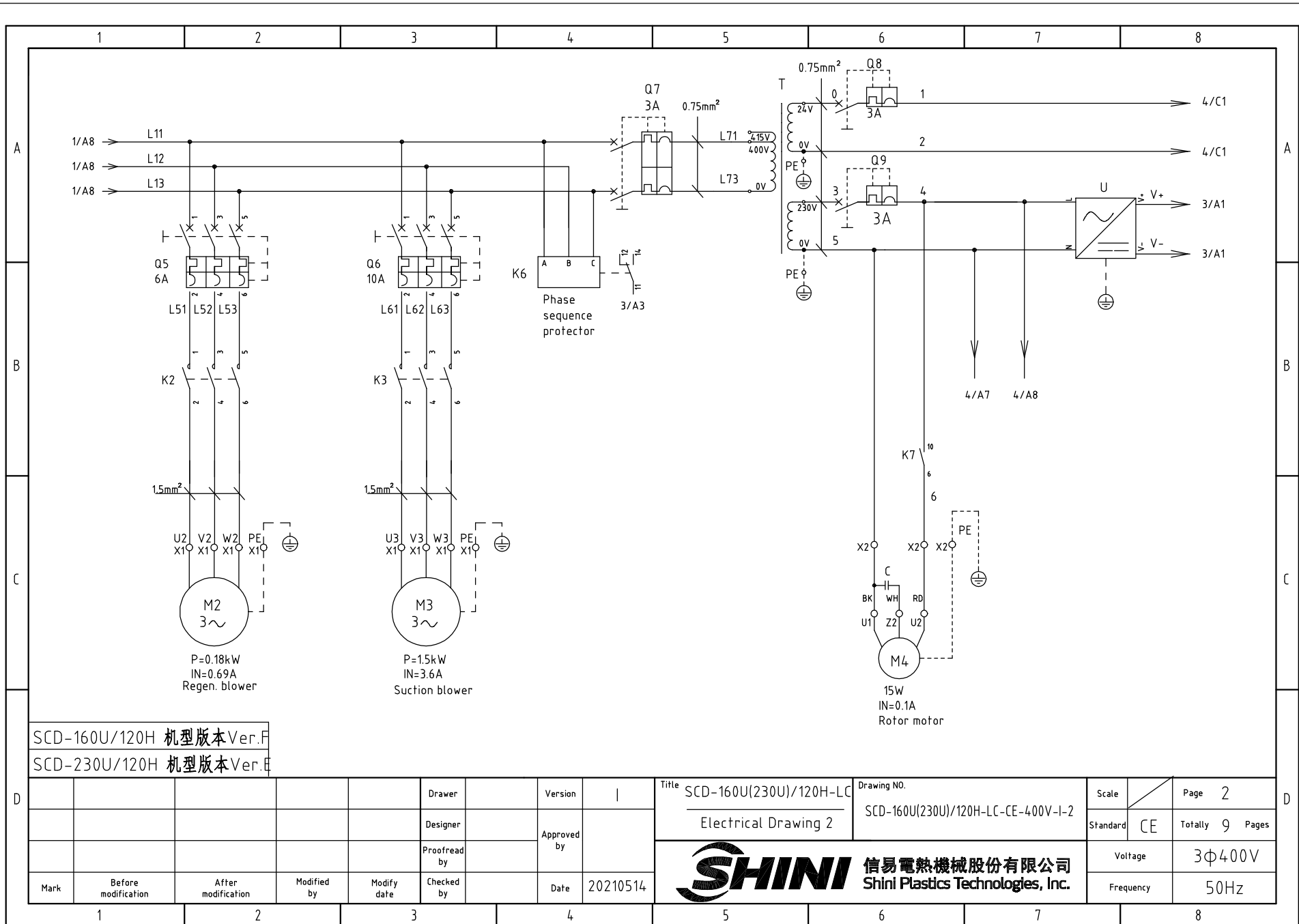
SCD-160U/120H 机型版本 Ver.F
SCD-230U/120H 机型版本 Ver.E

D

D


				Drawer	Version		Title SCD-160U(230U)/120H-LC		Drawing NO. SCD-160U(230U)/120H-LC-CE-400V-I-1		Scale	Page 1
				Designer	Approved by		Electrical Drawing 1		Standard		CE	Totally 9 Pages
				Proofread by	Date		 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Voltage		3Φ400V	
Mark	Before modification	After modification	Modified by	Modify date	Checked by	20210514			Frequency		50Hz	

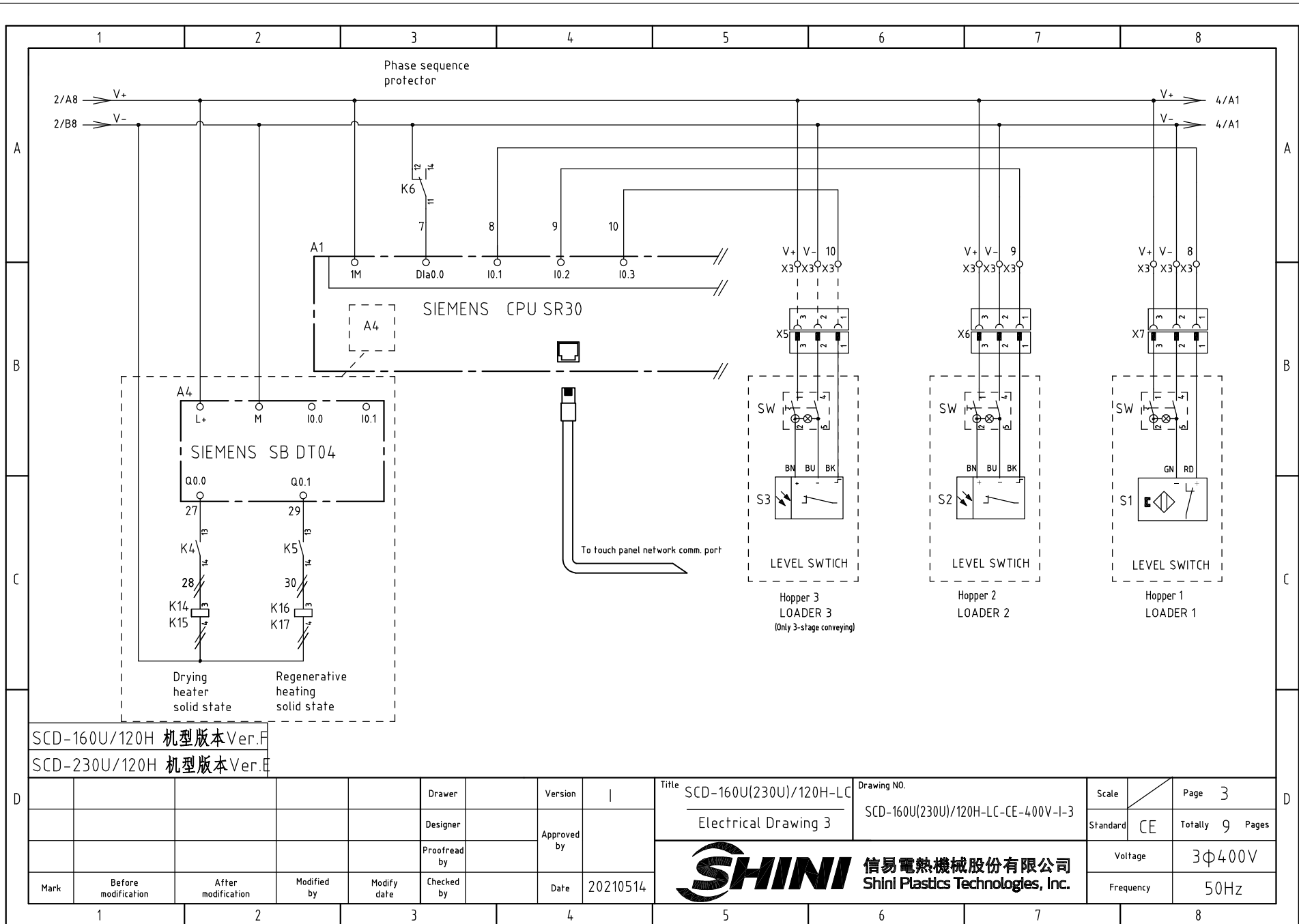
1 2 3 4 5 6 7 8



SCD-160U/120H 机型版本 Ver.F

SCD-230U/120H 机型版本 Ver.E

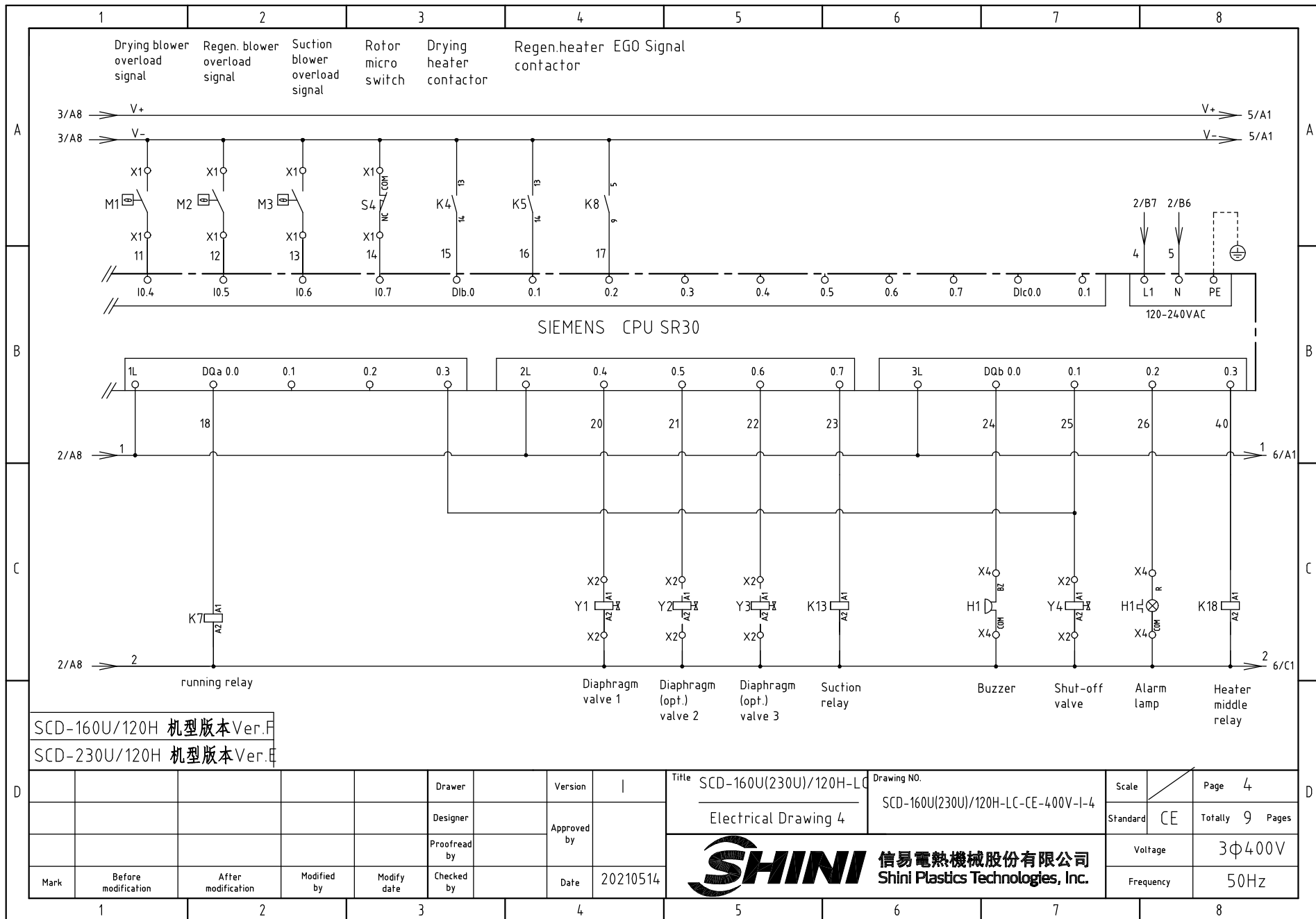
D					Drawer	Version		Title SCD-160U(230U)/120H-LC		Drawing NO.	Scale	Page 2
					Designer	Approved by		Electrical Drawing 2		SCD-160U(230U)/120H-LC-CE-400V-I-2	Standard CE	Totally 9 Pages
				Proofread by	Date		20210514		 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Voltage	3φ400V
Mark	Before modification	After modification	Modified by	Modify date	Checked by			Frequency			50Hz	



SCD-160U/120H 机型版本 Ver.F

SCD-230U/120H 机型版本 Ver.E

				Drawer	Version		Title SCD-160U(230U)/120H-LC		Drawing NO.		Scale	Page 3
				Designer	Approved by		Electrical Drawing 3		SCD-160U(230U)/120H-LC-CE-400V-I-3		Standard CE	Totally 9 Pages
				Proofread by	Date		SHINI 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Voltage		3φ400V	
Mark	Before modification	After modification	Modified by	Modify date	Checked by	20210514			Frequency		50Hz	

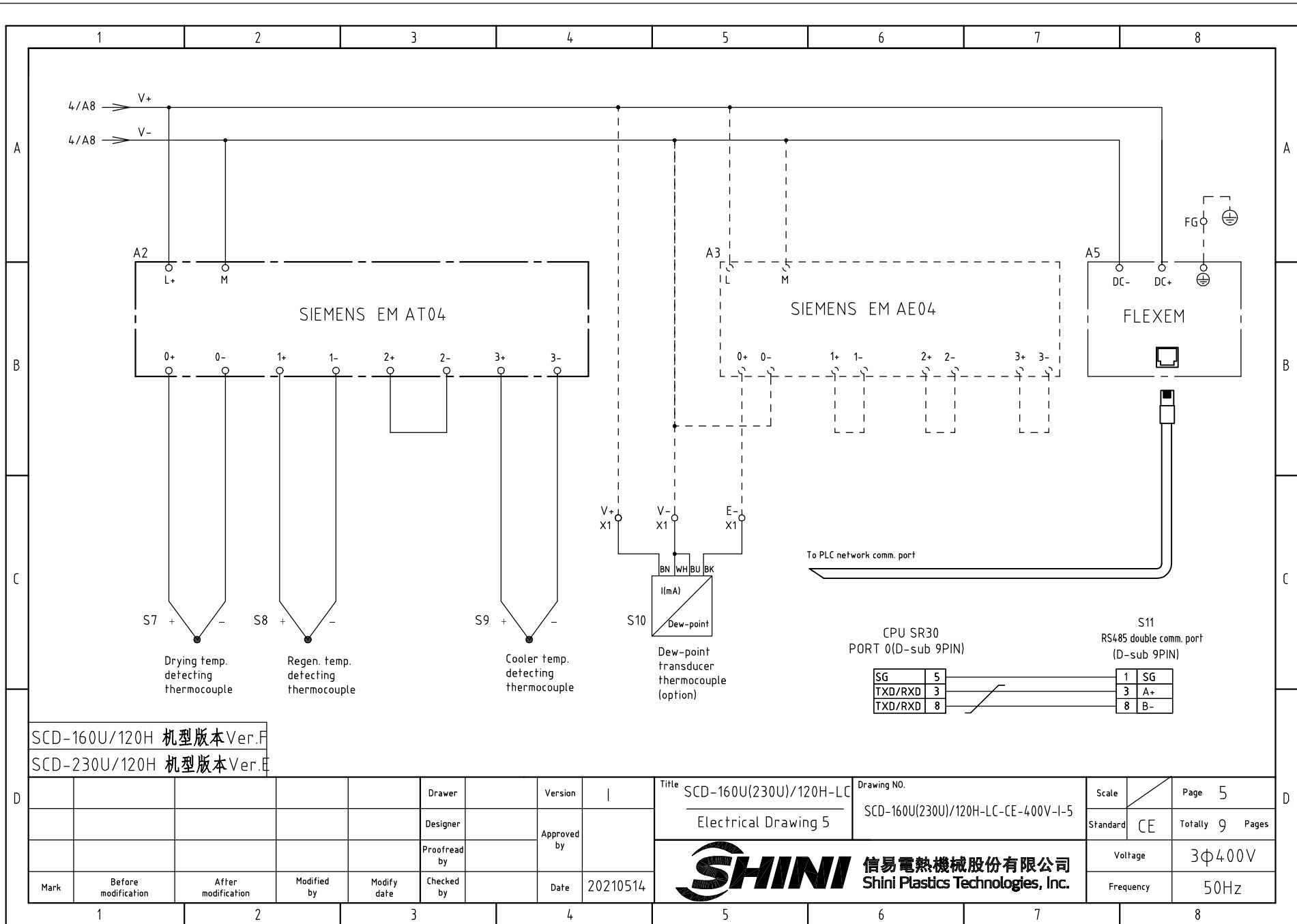


SCD-160U/120H 机型版本 Ver.F
 SCD-230U/120H 机型版本 Ver.F

Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date	20210514

Title SCD-160U(230U)/120H-LC Electrical Drawing 4		Drawing NO. SCD-160U(230U)/120H-LC-CE-400V-I-4		Scale	Page 4
				Standard CE	Totally 9 Pages
				Voltage	3Φ400V
				Frequency	50Hz





SCD-160U/120H 机型版本 Ver.F

SCD-230U/120H 机型版本 Ver.E

D	Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date	20210514
	Drawer							
	Designer					Approved by		
	Proofread by							

Title SCD-160U(230U)/120H-LC
Electrical Drawing 5

Drawing NO. SCD-160U(230U)/120H-LC-CE-400V-I-5

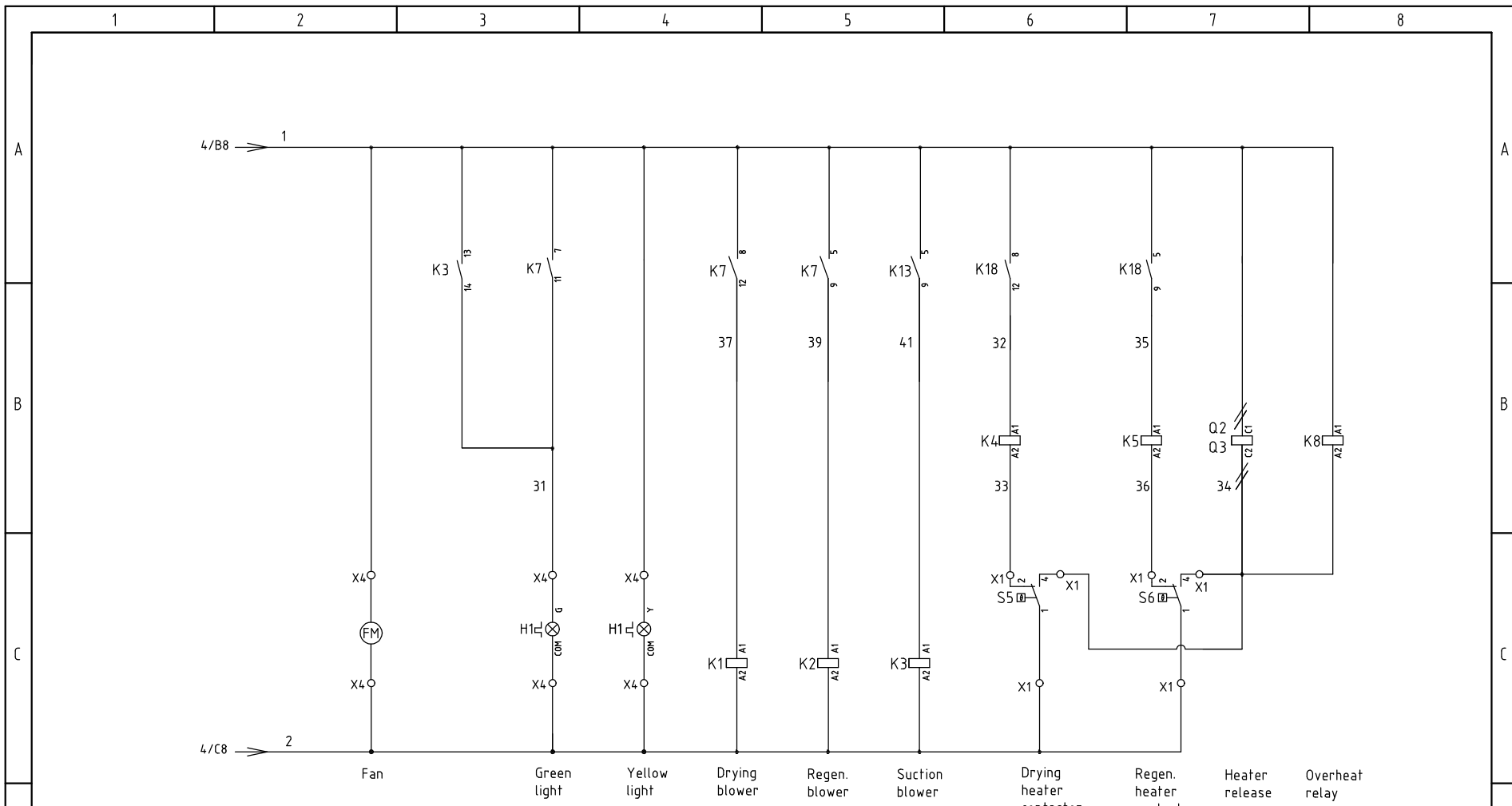
Scale	Page 5
Standard CE	Totally 9 Pages




信易電熱機械股份有限公司
Shini Plastics Technologies, Inc.

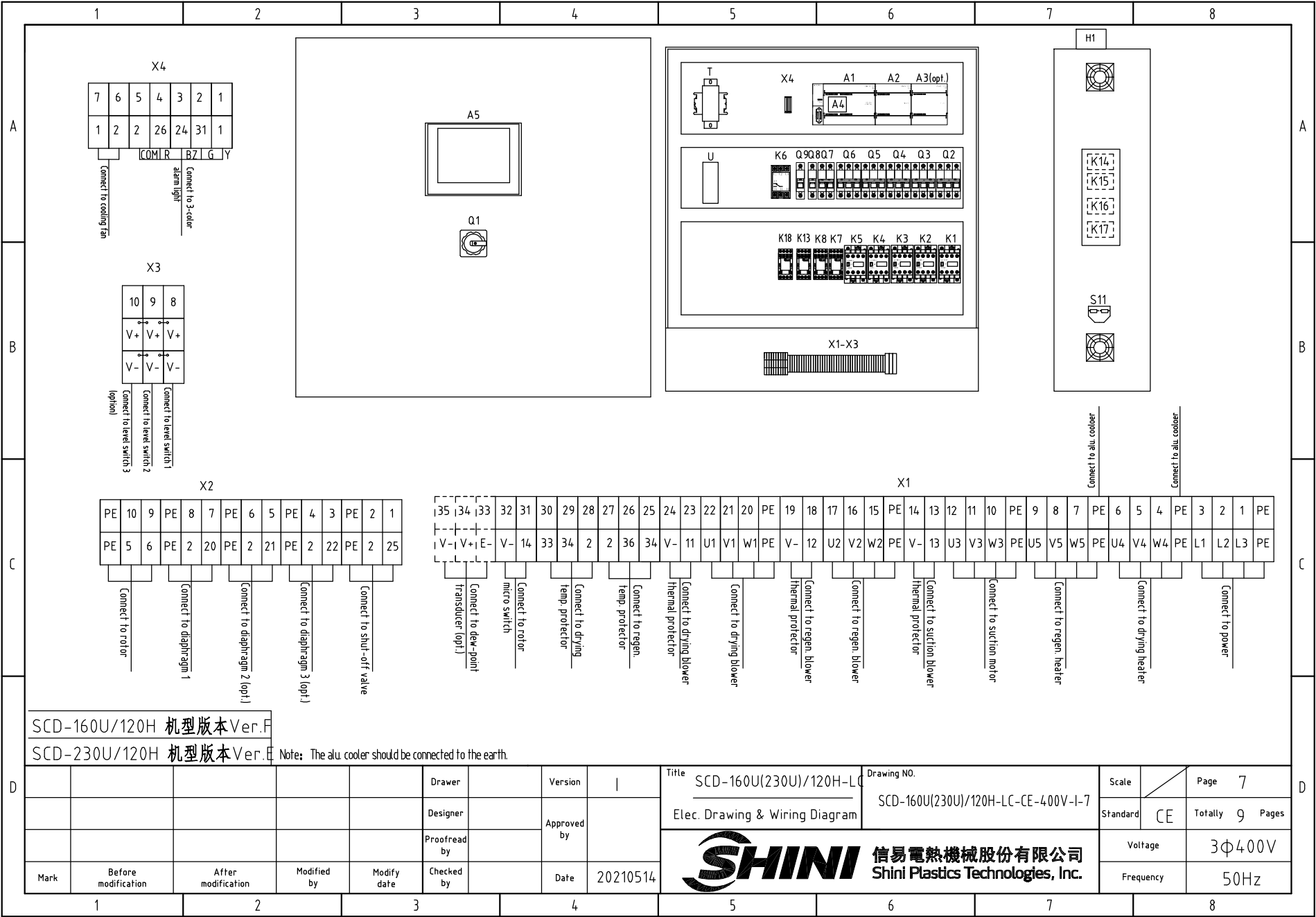
Voltage	3φ400V
Frequency	50Hz

1 2 3 4 5 6 7 8



SCD-160U/120H 机型版本 Ver.F
 SCD-230U/120H 机型版本 Ver.E

				Drawer	Version		Title SCD-160U(230U)/120H-LC		Drawing NO.		Scale	Page 6
				Designer	Approved by		Electrical Drawing 6		SCD-160U(230U)/120H-LC-CE-400V-1-6		Standard CE	Totally 9 Pages
				Proofread by	Date		 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Voltage		3φ400V	
Mark	Before modification	After modification	Modified by	Modify date	Checked by	20210514			Frequency		50Hz	



SCD-160U/120H 机型版本 Ver.F

SCD-230U/120H 机型版本 Ver.F

Note: The all-cooler should be connected to the earth.

Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date	20210514
					Drawer	Version	I
					Designer	Approved by	
					Proofread by		

Title		SCD-160U(230U)/120H-LC		Drawing NO.		SCD-160U(230U)/120H-LC-CE-400V-I-7	
Elec. Drawing & Wiring Diagram				Scale		Page 7	
				Standard		CE	
				Voltage		3Φ400V	
				Frequency		50Hz	
				Totally		9 Pages	

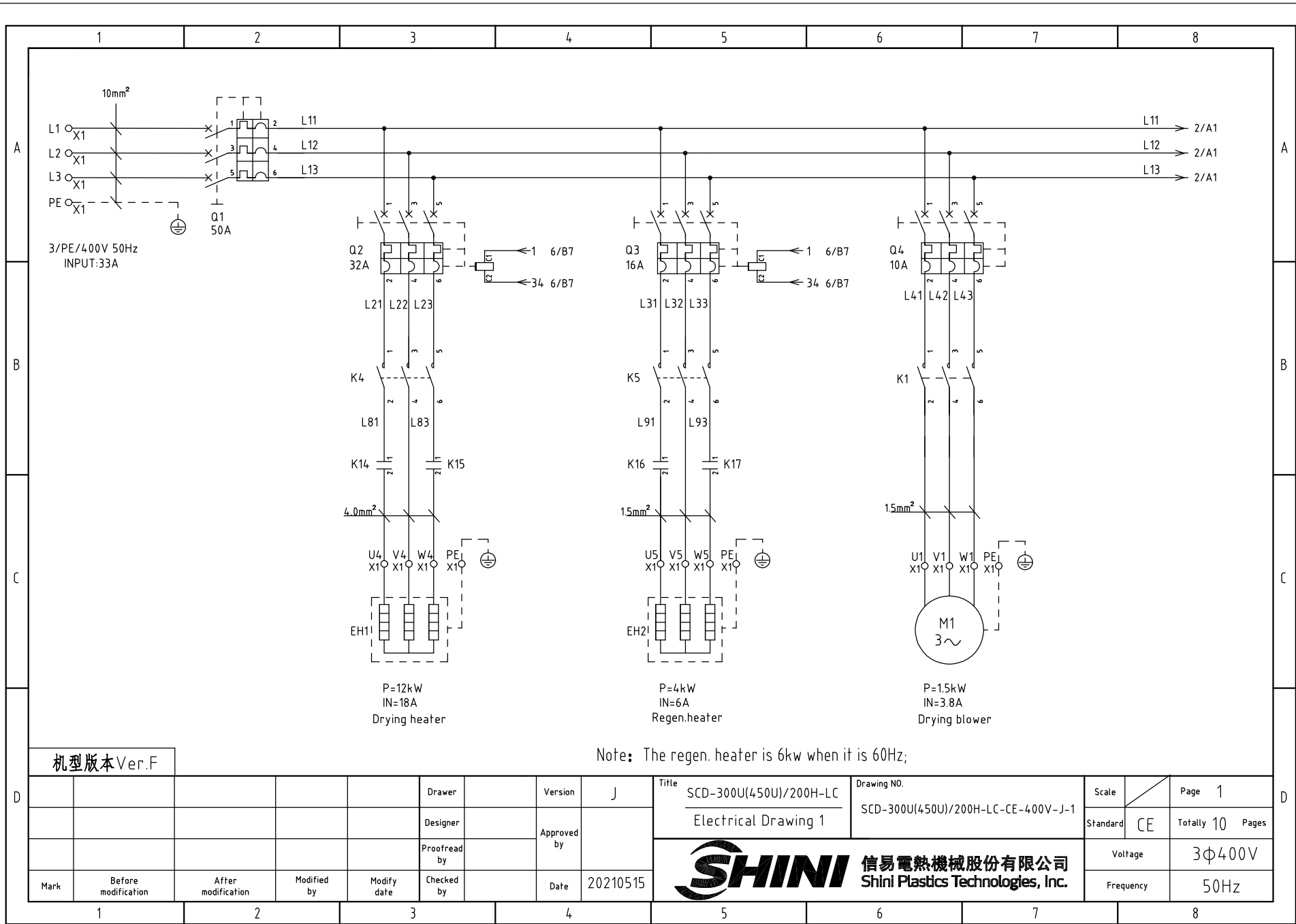


1		2		3		4		5		6		7		8	
N0.	Symbol	Name		Manufacturer		Type		Specification		Number	Material number		Remark		
A	1	Q1	Main power switch		EATON		P1-25-EA/SVB		25A		1	YE10125250000			
	2	Q2	Circuit breaker		TECO		BM-63C 3P		16A		1	YE40301603000			
	3	Q3 Q6	Circuit breaker		TECO		BM-63C 3P		10A		2	YE40301003000			
	4		Excitation release		YIJIN		MX		24 VAC 50/60Hz		2	YE40024000000			
	5	Q4 Q5	Circuit breaker		TECO		BM-63C 3P		6A		2	YE40300603000			
	6	Q7	Circuit breaker		TECO		BM-63C 2P		3A		1	YE40200203000			
	7	Q8 Q9	Circuit breaker		TECO		BM-63C 1P		3A		2	YE40100203000			
B	8	K1 K2 K4 K5	Contactor		SIEMENS		3RT6015-1AB01		24 VAC 50/60Hz		4	YE00601502500			
	9	K3	Contactor		SIEMENS		3RT6016-1AB01		24 VAC 50/60Hz		1	YE00601602500			
	10		Auxiliary contactor		SIEMENS		3RH6911		1AA10		2	YE00691110000			
	11	K6	Phase sequence relay		CHAOSHI		ABJ-10W		400V 50/60Hz		1	YE03103800000			
	12	K7	Middle relay		Honeywell		GR-4C-base PGR-4C-E		AC24V 50/60Hz		1	YE03042400300			
	13	K8 K13 K18	Middle relay		Honeywell		GR-2C-base PGR-2C-E		AC24V 50/60Hz		3	YE03022400300			
	14	K14-K17	Solid state relay		FOTEK		KSR-40DA-H		40A/480VAC/4-32VDC		4	YE03404003200			
C	15	A1	Programmable logic controller		SIEMENS		CPU SR30 AC/DC/RLY		100-230VAC 50/60Hz		1	YE81003006000			
	16	A2	PLC extended module		SIEMENS		4-point thermocouple temp. module EM AT04		24 VDC		1	YE82000400300			
	17	A3	PLC extended module		SIEMENS		4-point input analog module EM AT04		24 VDC		1	YE82000400100		(2)	
	18	A4	PLC extended module		SIEMENS		Signal extended circuit board SB DT04		24 VDC		1	YE90000401300			
	19	A5	Human-machine interface		FLEXEM		F007R		24 VDC		1	YE80072400000			
	20	T	Transformer		JIUXIN		400V/415V OUT=24V/230V		120VA 350MA		1	YE70040007300			
	21	U	DC power		MEAN WELL		NES-35-24		OUT=DC24V 1.5A		1	YE71352400100			
	22	S1	Reed switch		FOTEK		FC-12V		24 VDC		1	-----		(1)	
	23	S2 S3	Photosensor switch		FOTEK		T18-3MNB-PE		24 VDC		2	-----		(1)	
	24	S4	Micro switch		TEND		LXW5-11G1		250V 5(4)A		1	-----		(1)	
	25	S5 S6	Overheat protector		----		----		250V 5(4)A		2	-----		(1)	
SCD-160U/120H 机型版本 Ver.F SCD-230U/120H 机型版本 Ver.E															
Notes: (1)Materials not in the control; (2)Dew-point function (3) Optional M2 function;															
D					Drawer			Version	1		Title SCD-160U(230U)/120H-LC		Drawing NO.		
					Designer			Approved by			Electrical Parts List 1		SCD-160U(230U)/120H-LC-CE-400V-I-8		
					Proofread by			Date	20210514		SHINI 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Standard CE		
	Mark	Before modification	After modification	Modified by	Modify date	Checked by			Date	20210514		Voltage 3φ400V		Totally 9 Pages	
												Frequency 50Hz			

1		2		3		4		5		6		7		8		
NO.	Symbol	Name		Manufacturer		Type		Specification		Number	Material number		Remark			
26	S7 S8 S9	Thermocouple		SHINI		ST-K		K		3	-----		(1)			
27	S10	Dew-point transducer		VAISALA		DMT141		POWER=24VDC OUT=4-20mA		1	YE90014100100		(1) (2)			
A	28	S11		Connect to interface board RS-485(Dsub-9pin connector)		YUYUN		----		PCS		1		YE90048501200		
	29			Shell RS-485(SAL-700G-A-19)ver.0		BINCHENG		----		PCS		1		YR40048500000		
	30			Super 5 network jumper		----		2M		BA		1		YE90000201600		
	31	Y1~Y5		Solenoid valve		----		MSFW-230-50/60		24V 50/60Hz		5		----- (1)		
	32	H1		Alarm indicator		SHINI		Priority		24V AC/DC		1		BL90002401520 (1)		
B	33	X1 X2 X4		Terminal board		Honeywell		SK4		4mm ²		24		YE60000403200		
	34			Terminal board		Honeywell		GK5PE		4mm ² PE		6		YE60000403500		
	35			Terminal board		Honeywell		SK2.5		2.5mm ²		25		YE60002503200		
	36			Terminal board		Honeywell		GK2.5PE		2.5mm ² PE		6		YE60002503400		
	37			Terminal board		Honeywell		SK2.5		2.5mm ²		3		YE60002503200 (2)		
	38	X3		Terminal board		Honeywell		3-layer spring terminal SK2.5-TL		10A 250V		3		YE60002503600		
	39			Terminal board		Honeywell		SK-2.5TL bridging parts 10bits		FB10-2.5		1		YE60001003600		
	40			Terminal fittings E/GK series		Honeywell		E		GK		7		YE60000003900		
C	41	X6 X7		Heavy-duty connector		HARTING		4P+PE(socket)Han 4A-F		PCS		2		YE68000401400 (1)		
	42	X5		Heavy-duty connector		HARTING		4P+PE(socket)Han 4A-F		PCS		1		YE68000401400 (1) (3)		
	43	FM		Fan		SUNON		DP-200A		24VAC 40W		1		----- (1)		
	44	M1		Blower		SHINI		-----		400V 0.75kW		1		----- (1)		
	45	M2		Blower		SHINI		-----		400V 0.18kW		1		----- (1)		
	46	M3		Blower		SHINI		-----		400V 1.5kW		1		----- (1)		
	47	M4		Motor		----		-----		230V 0.015kW		1		----- (1)		
	48	EH1		Pipe heater		SHINI		-----		400V 6kW		1		----- (1)		
	49	EH2		Pipe heater		SHINI		-----		400V 3kW		1		----- 60Hz model is 4kw (1)		
SCD-160U/120H 机型版本 Ver.F SCD-230U/120H 机型版本 Ver.E Notes: (1)Materials not in the control; (2)Dew-point function (3) Optional M2 function;																
D					Drawer		Version		Title		Drawing NO.		Scale		Page 9	
					Designer		Approved by		SCD-160U(230U)/120H-LC		SCD-160U(230U)/120H-LC-CE-400V-I-9		Standard		CE Totally 9 Pages	
					Proofread by		Date		Electrical Parts List 2				Voltage		3Φ400V	
Mark	Before modification		After modification		Modified by		Modify date		Checked by		Date		Frequency		50Hz	
	1		2		3		4		5		6		7		8	




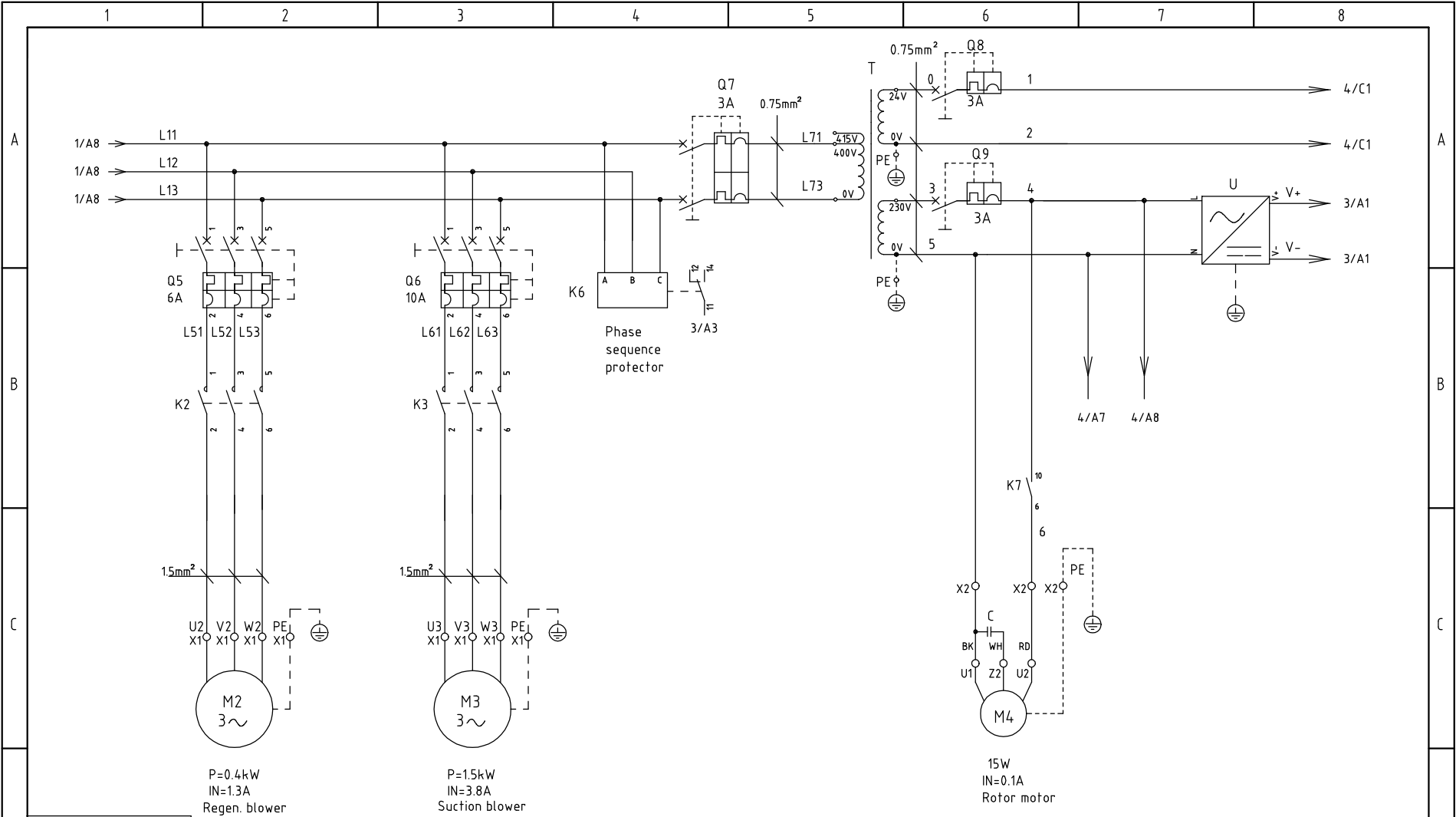
信易電熱機械股份有限公司
Shini Plastics Technologies, Inc.




Note: The regen. heater is 6kw when it is 60Hz;

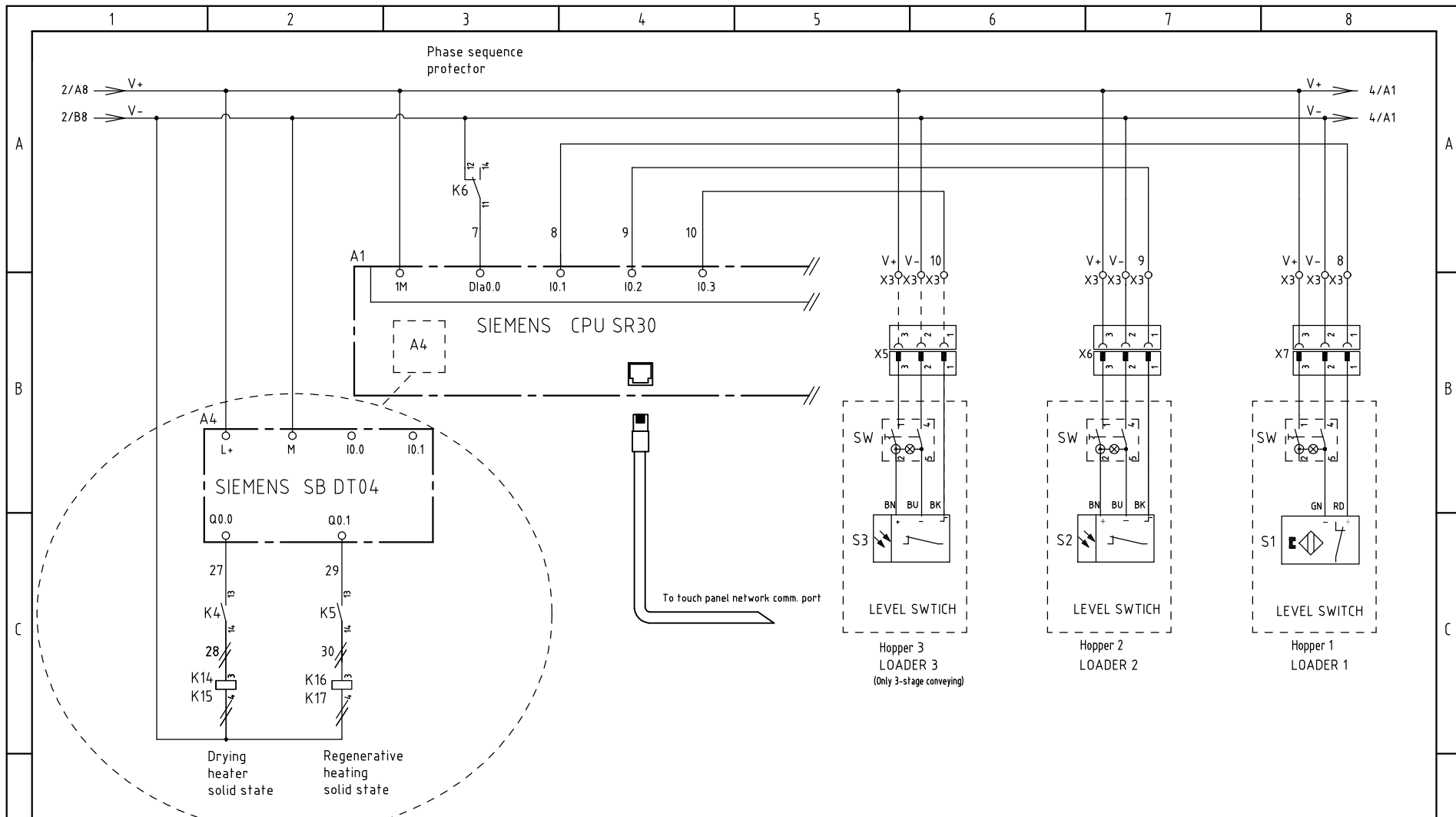
机型版本 Ver.F

D					Drawer		Version	J	Title	SCD-300U(450U)/200H-LC	Drawing NO.	Scale	Page	1
					Designer		Approved by		Electrical Drawing 1		SCD-300U(450U)/200H-LC-CE-400V-J-1	Standard	CE	Totally 10 Pages
Mark	Before modification	After modification	Modified by	Modify date	Checked by		Date	20210515	 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.			Voltage	3φ400V	
	1	2	3	4	5	6	7	8				Frequency	50Hz	



机型版本 Ver.F

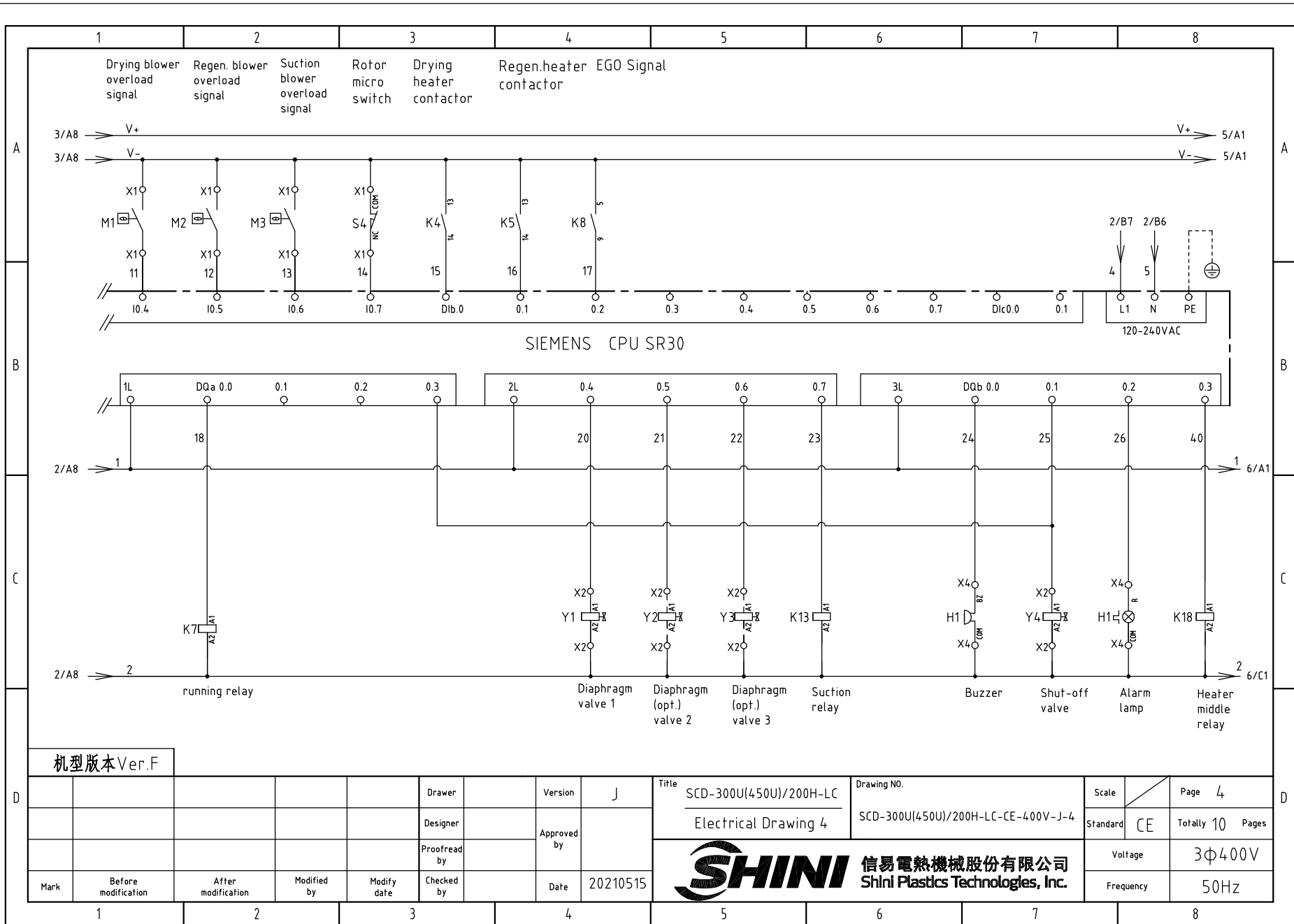
D					Drawer		Version	J	Title	SCD-300U(450U)/200H-LC	Drawing NO.	Scale	Page	2
					Designer		Approved by		Electrical Drawing 2	SCD-300U(450U)/200H-LC-CE-400V-J-2	Standard	CE	Totally	10 Pages
D					Proofread by		Date	20210515	 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.	Voltage	3Φ400V			
	Mark	Before modification	After modification	Modified by	Modify date	Checked by				Frequency	50Hz			
	1	2	3	4	5	6	7	8						

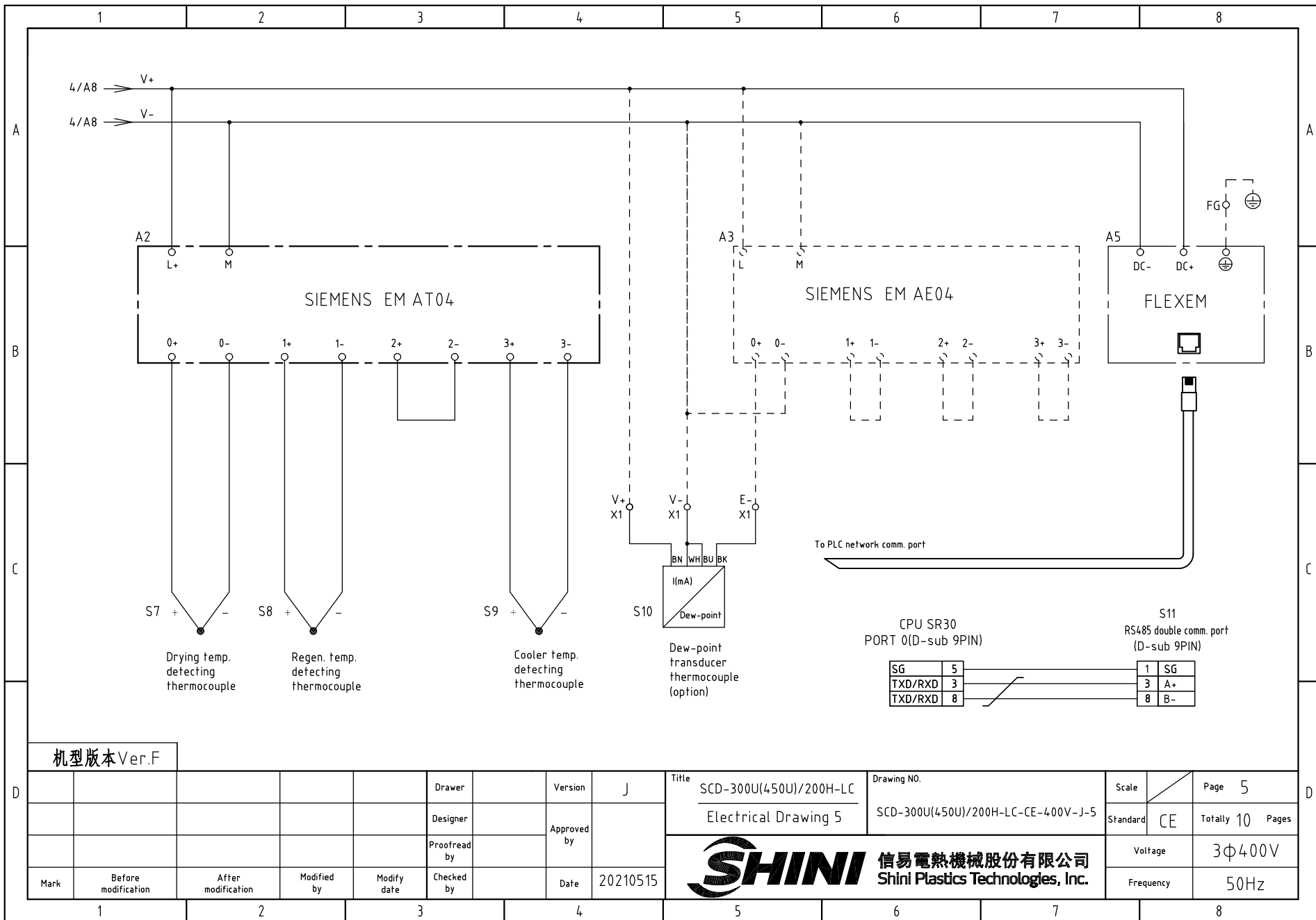


机型版本 Ver.F

D	Drawer	Version	J	Title	SCD-300U(450U)/200H-LC	Drawing NO.	Scale	Page	3
	Designer	Approved by		Electrical Drawing 3	SCD-300U(450U)/200H-LC-CE-400V-J-3	Standard	CE	Totally	10 Pages
Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date	20210515	Voltage	3φ400V
								Frequency	50Hz



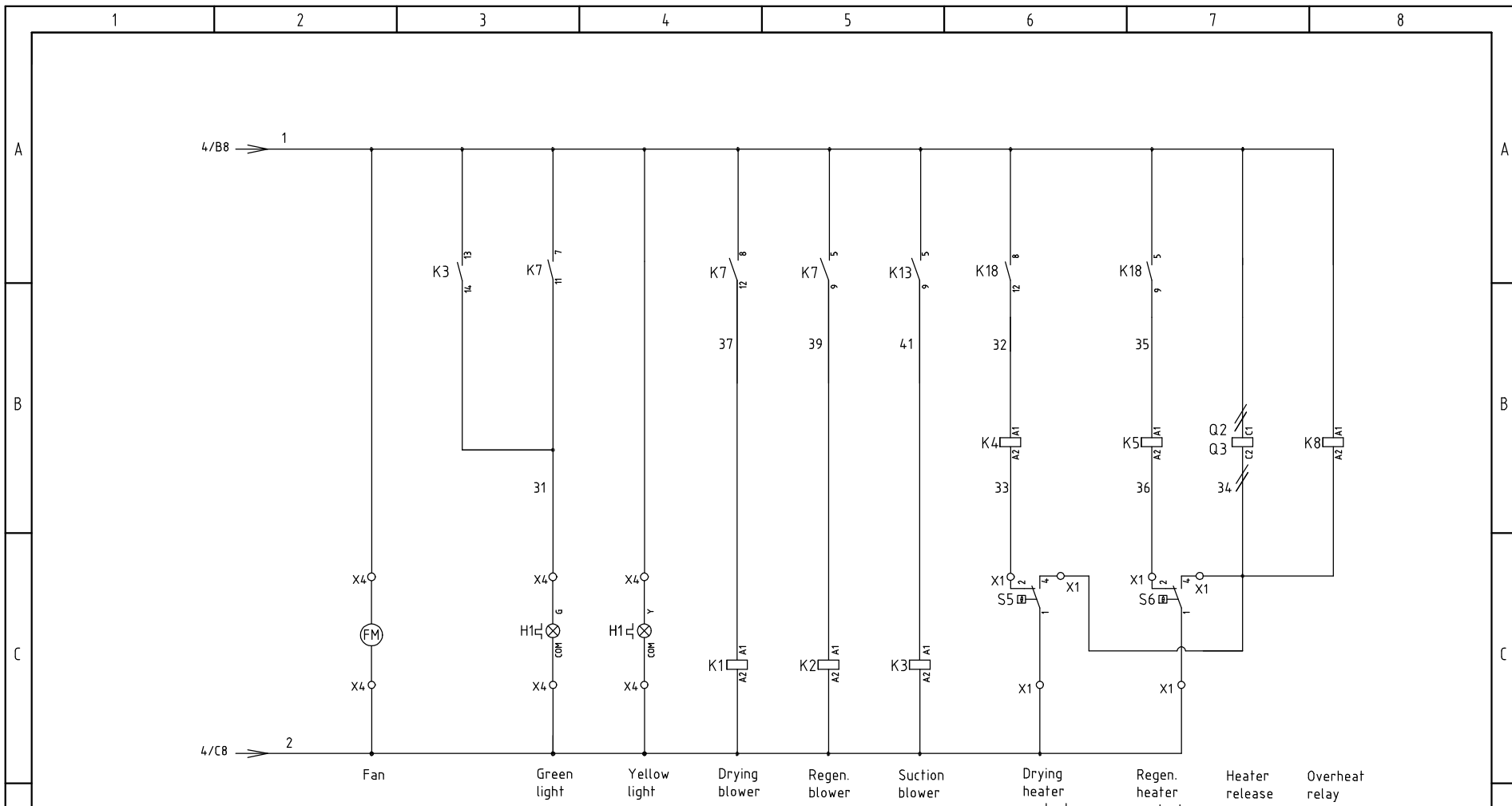





机型版本 Ver.F

D					Drawer		Version	J	Title	SCD-300U(450U)/200H-LC	Drawing NO.		Scale		Page	5
					Designer		Approved by		Electrical Drawing 5		SCD-300U(450U)/200H-LC-CE-400V-J-5		Standard	CE	Totally	10 Pages
D					Proofread by		Date	20210515	信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.			Voltage	3φ400V			
	Mark	Before modification	After modification	Modified by	Modify date	Checked by						Frequency	50Hz			

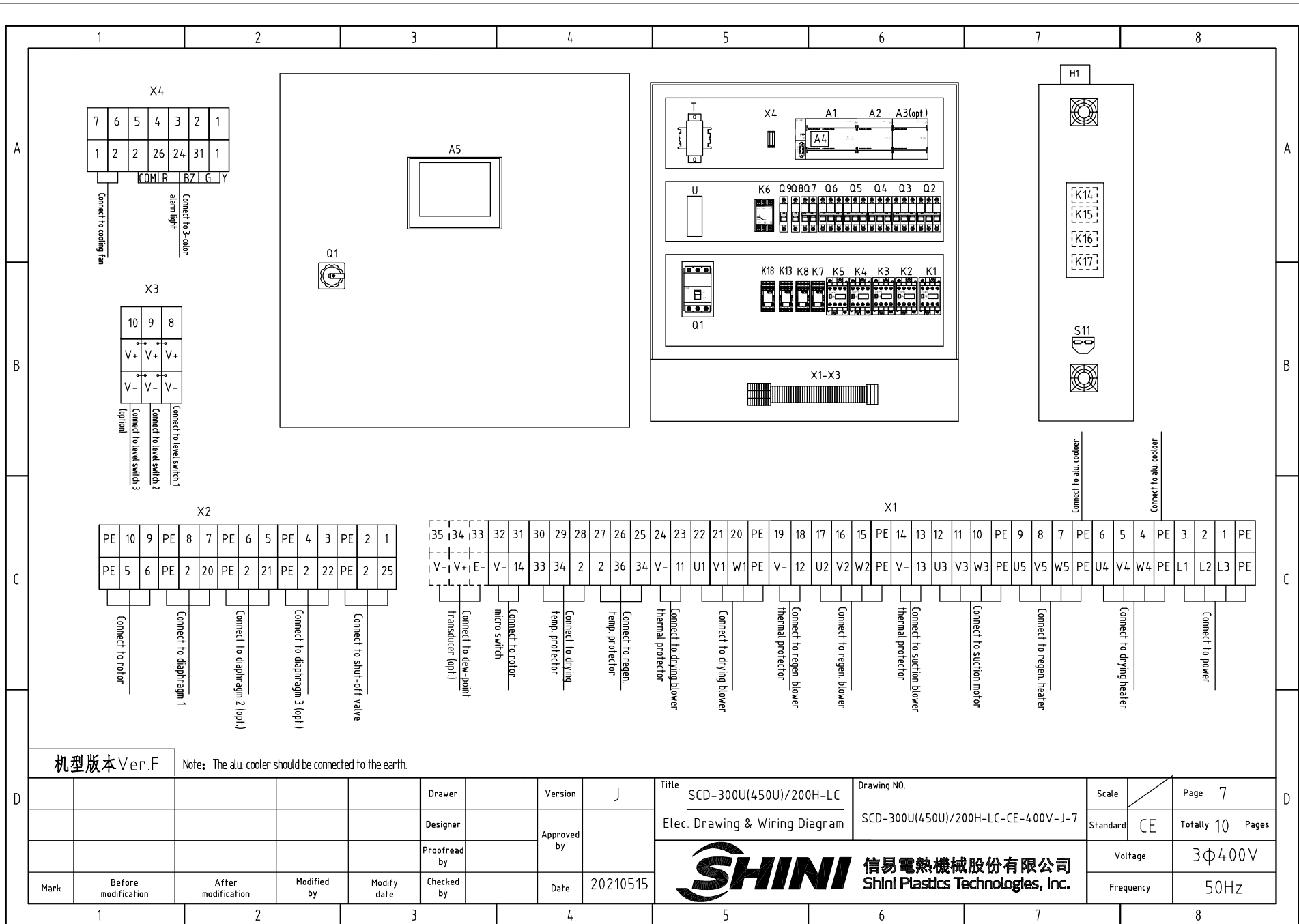
1 2 3 4 5 6 7 8



机型版本 Ver.F

D					Drawer		Version	J	Title	SCD-300U(450U)/200H-LC	Drawing NO.	Scale	Page	6
					Designer		Approved by		Electrical Drawing 6	SCD-300U(450U)/200H-LC-CE-400V-J-6	Standard	CE	Totally	10 Pages
D					Proofread by		Date	20210515	 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Voltage	3φ400V		
	Mark	Before modification	After modification	Modified by	Modify date	Checked by					Frequency	50Hz		

1 2 3 4 5 6 7 8



机型版本 Ver.F

Note: The alu. cooler should be connected to the earth.

Title SCD-300U(450U)/200H-LC
Elec. Drawing & Wiring Diagram

Drawing NO. SCD-300U(450U)/200H-LC-CE-400V-J-7

Scale	Page 7
Standard CE	Totally 10 Pages

SHINI 信易電熱機械股份有限公司
Shini Plastics Technologies, Inc.

Voltage	3Φ400V
Frequency	50Hz

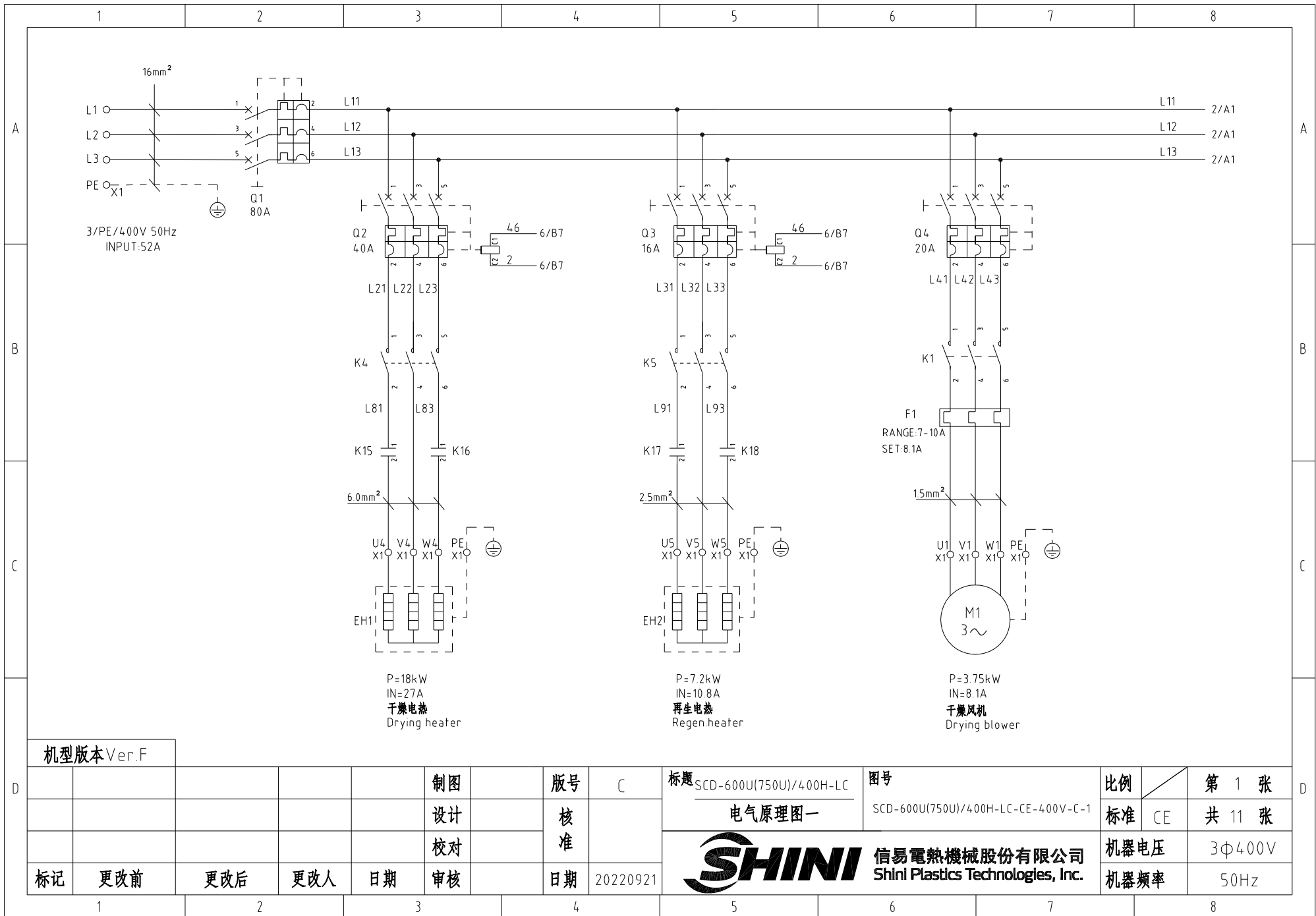
Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date	20210515
Drawer	Version	J	Approved by	Date			
Designer	Proofread by						

1		2		3		4		5		6		7		8	
N0.	Symbol	Name		Manufacturer		Type		Specification		Number	Material number		Remark		
A	1	Q1	Main power switch		ABB		A1A125TMF50		50A		1	YE41105200000			
	2	Q2	Circuit breaker		TECO		BM-63C 3P		32A		1	YE40303203000			
	3	Q3	Circuit breaker		TECO		BM-63C 3P		16A		1	YE40301603000			
	4		Excitation release		YIJIN		MX		24VAC 50/60Hz		2	YE40024000000			
	5	Q4 Q6	Circuit breaker		TECO		BM-63C 3P		10A		2	YE40301003000			
	6	Q5	Circuit breaker		TECO		BM-63C 3P		6A		1	YE40300603000			
	7	Q7	Circuit breaker		TECO		BM-63C 2P		3A		1	YE40200203000			
B	8	Q8 Q9	Circuit breaker		TECO		BM-63C 1P		3A		2	YE40100203000			
	9	K1 K2 K5	Contactor		SIEMENS		3RT6015-1AB01		24VAC 50/60Hz		3	YE00601502500			
	10	K3	Contactor		SIEMENS		3RT6016-1AB01		24VAC 50/60Hz		1	YE00601602500			
	11	K4	Contactor		SIEMENS		3RT6023-1AC20		24VAC 50/60Hz		1	YE00602301100			
	12		Auxiliary contactor		SIEMENS		3RH6911		1AA10		2	YE00691110000			
	13	K6	Phase sequence relay		CHAOSHI		ABJ-10W		400V 50/60Hz		1	YE03103800000			
	14	K7	Middle relay		Honeywell		GR-4C-base PGR-4C-E		AC24V 50/60Hz		1	YE03042400300			
	15	K8 K13 K18	Middle relay		Honeywell		GR-2C-base PGR-2C-E		AC24V 50/60Hz		3	YE03022400300			
C	16	K14-K17	Solid state relay		FOTEK		KSR-40DA-H		40A/480VAC/4-32VDC		4	YE03404003200			
	17	A1	Programmable logic controller		SIEMENS		CPU SR30 AC/DC/RLY		100-230VAC 50/60Hz		1	YE81003006000			
	18	A2	PLC extended module		SIEMENS		4-point thermocouple temp. module EM AT04		24VDC		1	YE82000400300			
	19	A3	PLC extended module		SIEMENS		4-point input analog module EM AT04		24VDC		1	YE82000400100		(2)	
	20	A4	PLC extended module		SIEMENS		Signal extended circuit board SB DT04		24VDC		1	YE90000401300			
	21	A5	Human-machine interface		FLEXEM		F007R		24VDC		1	YE80072400000			
	22	T	Transformer		JIUXIN		400V/415V OUT=24V/230V		120VA 350MA		1	YE700400007300			
	23	U	DC power		MEAN WELL		NES-35-24		OUT=DC24V 1.5A		1	YE71352400100			
D	24	S1	Reed switch		FOTEK		FC-12V		24VDC		1	-----		(1)	
	25	S2 S3	Photosensor switch		FOTEK		T18-3MNB-PE		24VDC		2	-----		(1)	
	机型版本 Ver.F		Notes: (1)Materials not in the control; (2)Dew-point function (3) Optional M2 function;												
Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date	20210515	Title SCD-300U(450U)/200H-LC Electrical Parts List 1	Drawing NO. SCD-300U(450U)/200H-LC-CE-400V-J-8	Scale Standard	CE	Page 8	Totally 10	Pages	
	Voltage 3φ400V		Frequency 50Hz												
1		2		3		4		5		6		7		8	



信易電熱機械股份有限公司
Shini Plastics Technologies, Inc.

1		2		3		4		5		6		7		8		
NO.	Symbol	Name		Manufacturer		Type		Specification		Number	Material number		Remark			
26	S4	Main power switch		TEND		LXW5-11G1		250V 5(4)A		1	-----		(1)			
27	S5	Overheat protector		----		-----		250V 5(4)A		1	-----		(1)			
28	S6	Overheat protector		----		-----		250V 5(4)A		1	-----		(1)			
29	S7 S8 S9	Thermocouple		SHINI		ST-K		K		3	-----		(1)			
30	S10	Dew-point transducer		VAISALA		DMT141		POWER=24VDC OUT=4-20mA		1	YE90014.100100		(1)(2)			
31	S11	Connect to interface board RS-485(Dsub-9pin connector)		YUYUN		----		PCS		1	YE9004.8501200					
32		Shell RS-485(SAL-700G-A-19)ver.0		BINCHENG		----		PCS		1	YR4004.8500000					
33		Super 5 network jumper		----		2M		BA		1	YE90000201600					
34	Y1~Y5	Solenoid valve		----		MSFW-230-50/60		24V 50/60Hz		5	-----		(1)			
35	H1	Alarm indicator		SHINI		Priority(high)		24V AC/DC		1	BL9024.2201520		(1)			
36	X1 X2 X4	Terminal board		Honeywell		GK10		10mm ²		3	YE60001003200					
37		Terminal board		Honeywell		GK10PE		10mm ² PE		1	YE60001003500					
38		Terminal board		Honeywell		SK4		4mm ²		21	YE60000403200					
39		Terminal board		Honeywell		GK5PE		4mm ² PE		5	YE60000403500					
40		Terminal board		Honeywell		SK2.5		2.5mm ²		25	YE60002503200					
41		Terminal board		Honeywell		GK2.5PE		2.5mm ² PE		6	YE60002503400					
42		Terminal board		Honeywell		SK2.5		2.5mm ²		3	YE60002503200		(2)			
43	X3	Terminal board		Honeywell		3-layer spring terminal SK2.5-TL		10A 250V		3	YE60002503600					
44		Terminal board		Honeywell		SK-2.5TL bridging parts 10bits		FB10-2.5		1	YE60001003600					
45		Terminal fittings E/GK series		Honeywell		E		GK		7	YE60000003900					
46	X6 X7	Heavy-duty connector		HARTING		4P+PE(socket)Han 4A-F		PCS		2	YE68000401400		(1)			
47	X5	Heavy-duty connector		HARTING		4P+PE(socket)Han 4A-F		PCS		1	YE68000401400		(1) (3)			
48	FM	Fan		SUNON		DP-200A		24VAC 40W		1	-----		(1)			
49	M1	Blower		SHINI		-----		400V 1.5kW		1	-----		(1)			
50	M2	Blower		SHINI		-----		400V 0.4kW		1	-----		(1)			
机型版本 Ver.F Notes: (1)Materials not in the control; (2)Dew-point function (3) Optional M2 function;																
D					Drawer	Version		J		Title SCD-300U(450U)/200H-LC		Drawing NO.		Scale	Page 9	
					Designer	Approved by				Electrical Parts List 2		SCD-300U(450U)/200H-LC-CE-400V-J-9		Standard	CE	Totally 10 Pages
					Proofread by	Date		20210515		 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Voltage		3Φ400V		
	Mark	Before modification	After modification	Modified by	Modify date	Checked by			Frequency			50Hz				
1		2		3		4		5		6		7		8		

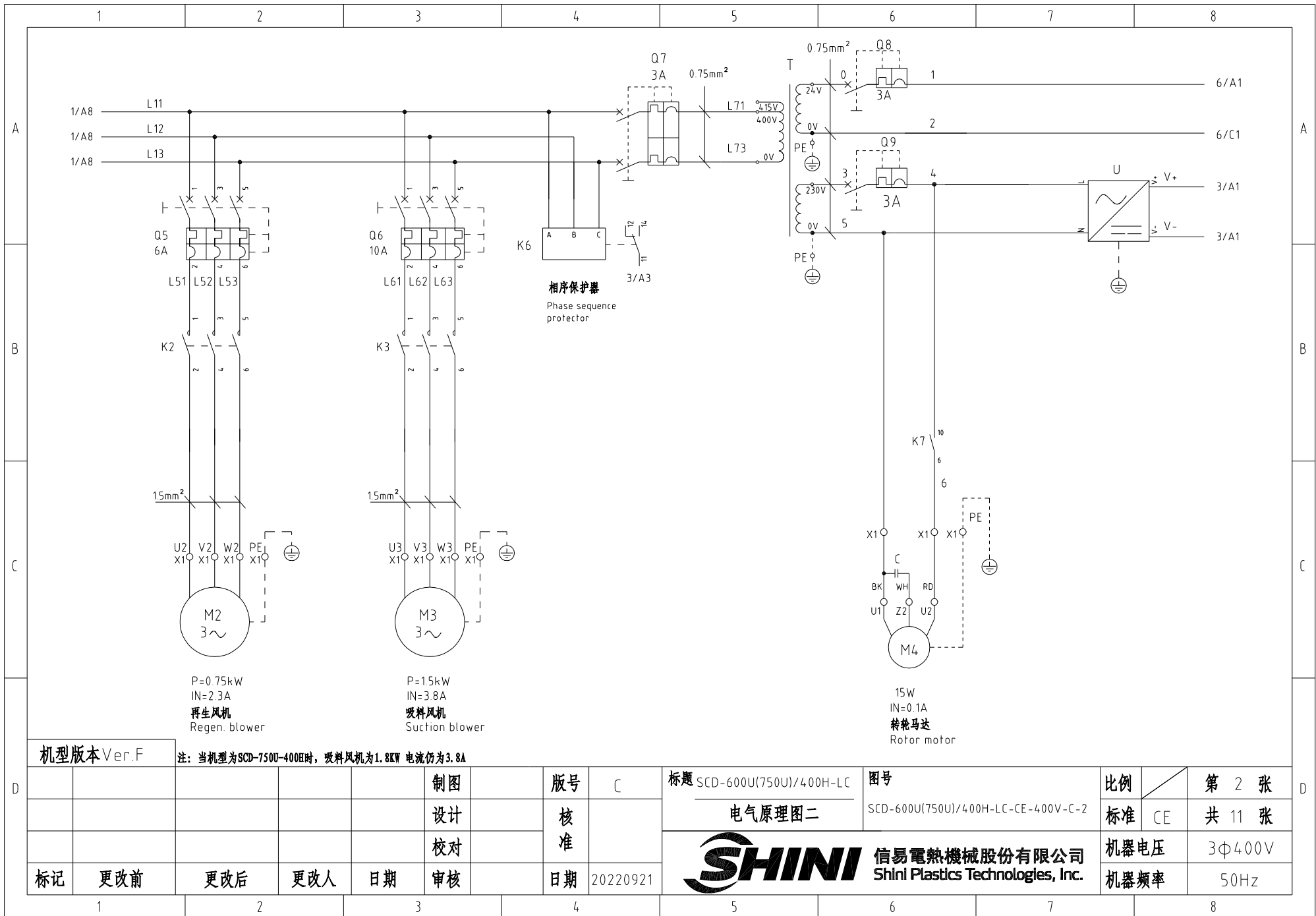


机型版本 Ver.F

					制图		版号	C	标题	SCD-600U(750U)/400H-LC	图号		比例	第 1 张
					设计		核准		电气原理图一		SCD-600U(750U)/400H-LC-CE-400V-C-1		标准	CE
					校对								机器电压	3φ400V
标记	更改前	更改后	更改人	日期	审核		日期	20220921					机器频率	50Hz



信易電熱機械股份有限公司
Shini Plastics Technologies, Inc.



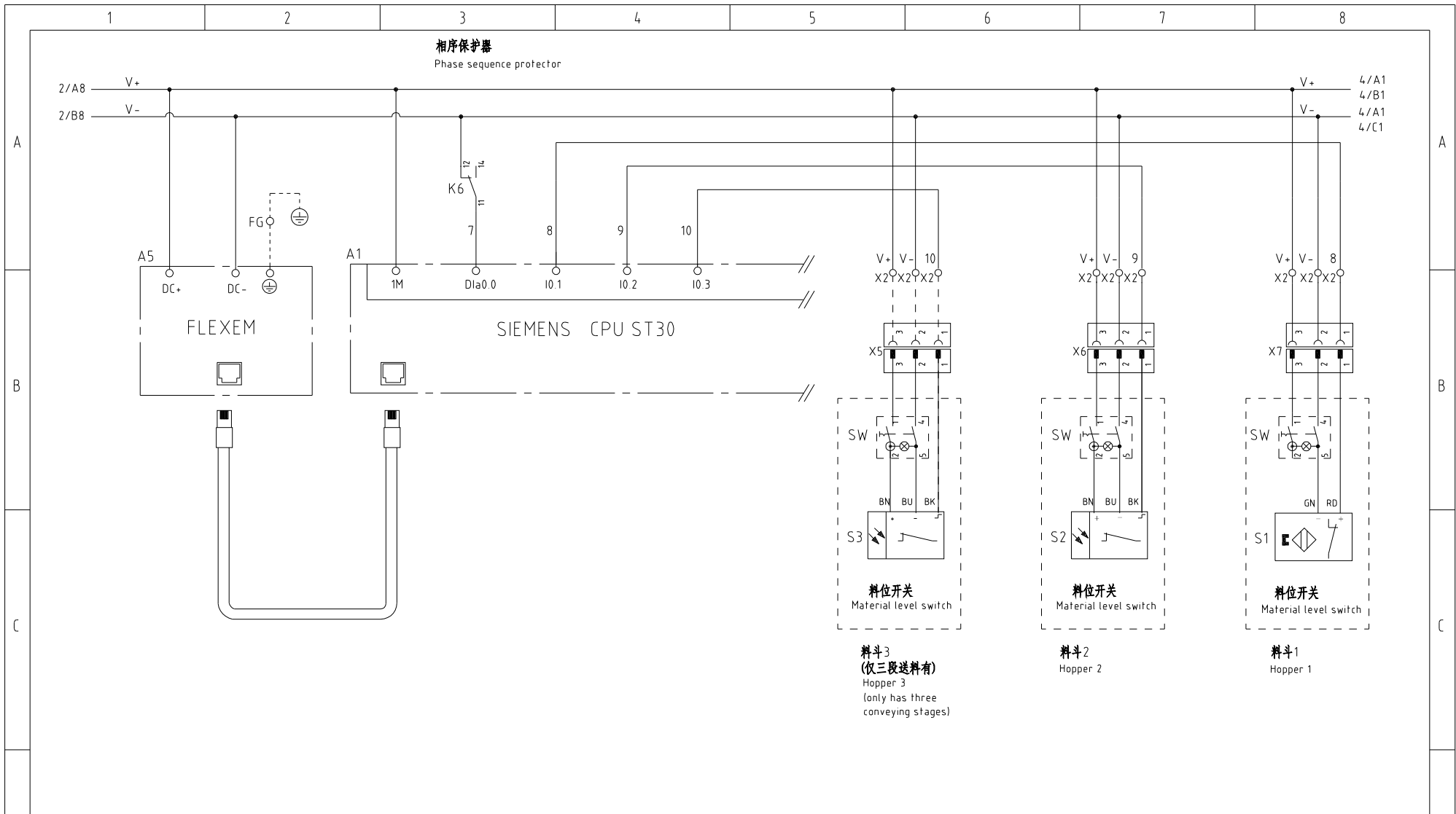
机型版本 Ver.F

注: 当机型为SCD-750U-400H时, 吸料风机为1.8kW 电流仍为3.8A


制图	版号	C	标题	SCD-600U(750U)/400H-LC	图号	SCD-600U(750U)/400H-LC-CE-400V-C-2	比例	第 2 张
设计	核准		电气原理图二		标准	CE	共 11 张	
校对	核准				机器电压	3Φ400V		
标记	更改前	更改后	更改人	日期	20220921	机器频率	50Hz	

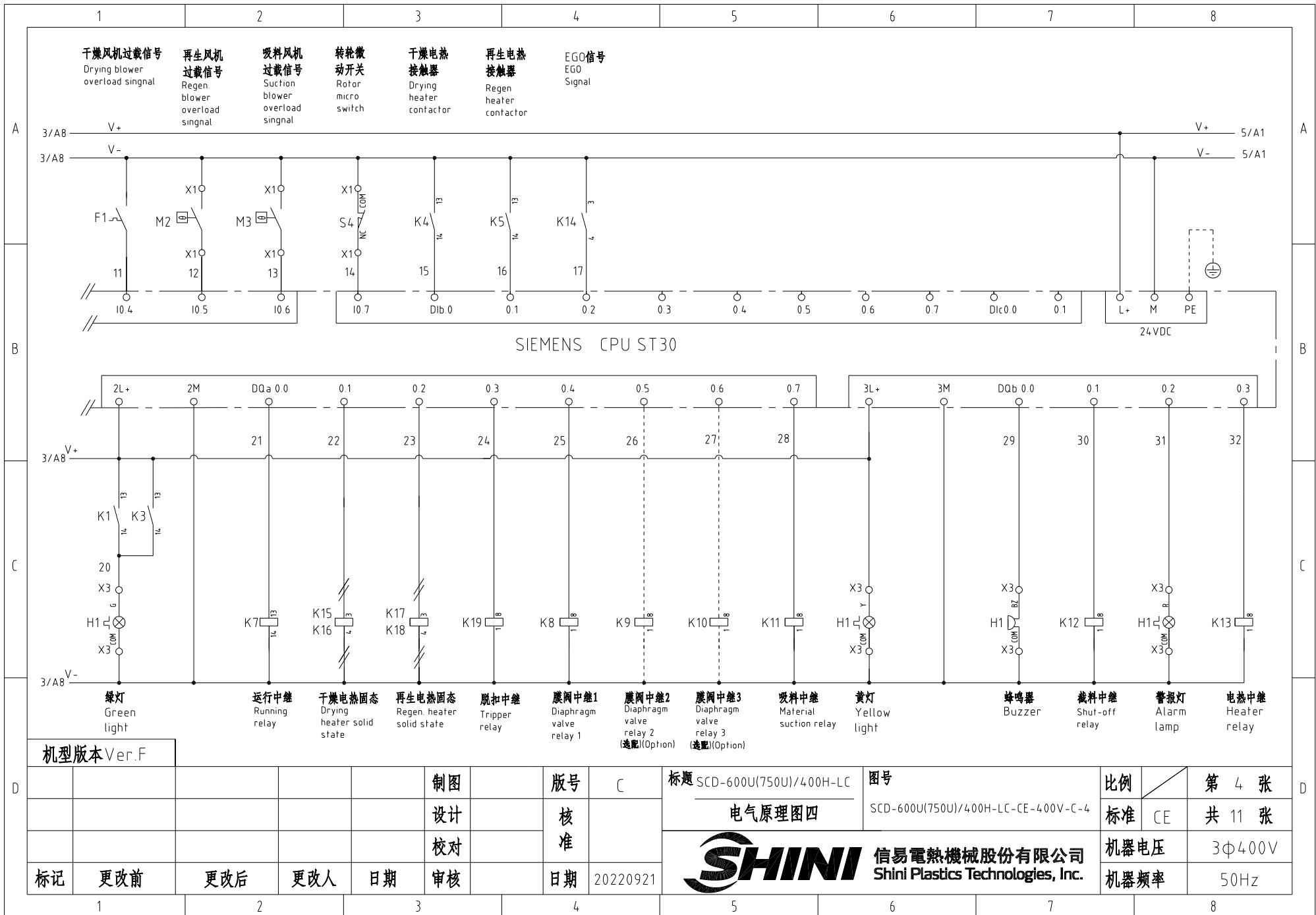
SHINI 信易電熱機械股份有限公司
Shini Plastics Technologies, Inc.

比例	第 2 张
标准	CE
机器电压	3Φ400V
机器频率	50Hz




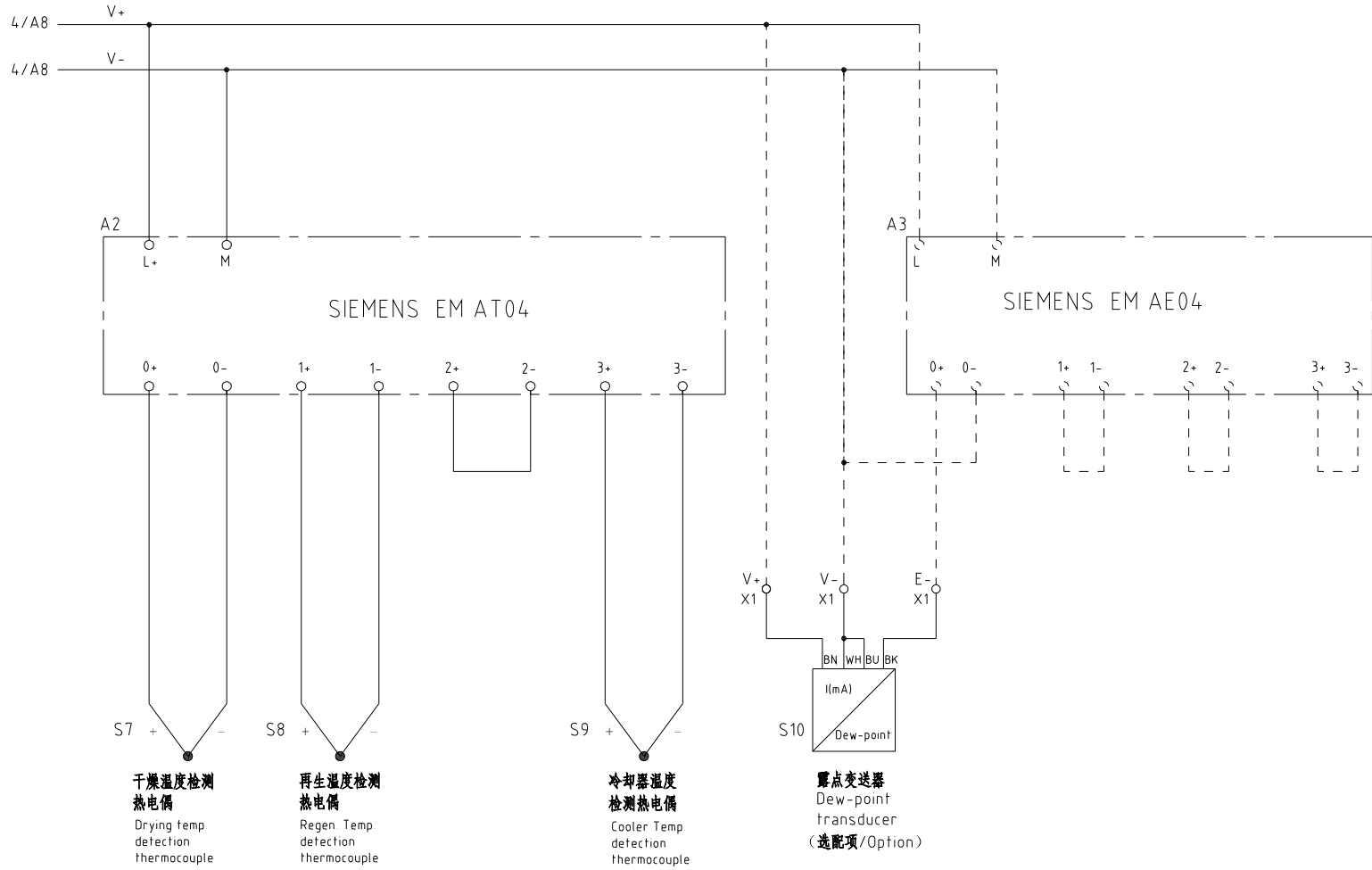
机型版本 Ver.F

				制图		版号		标题 SCD-600U(750U)/400H-LC		图号		比例		第 3 张	
				设计		核 准		电气原理图三		SCD-600U(750U)/400H-LC-CE-400V-C-3		标准 CE		共 11 张	
				校对		核 准		 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		机器电压		3Φ400V			
标记		更改前		更改后		更改人				日期		20220921		机器频率	




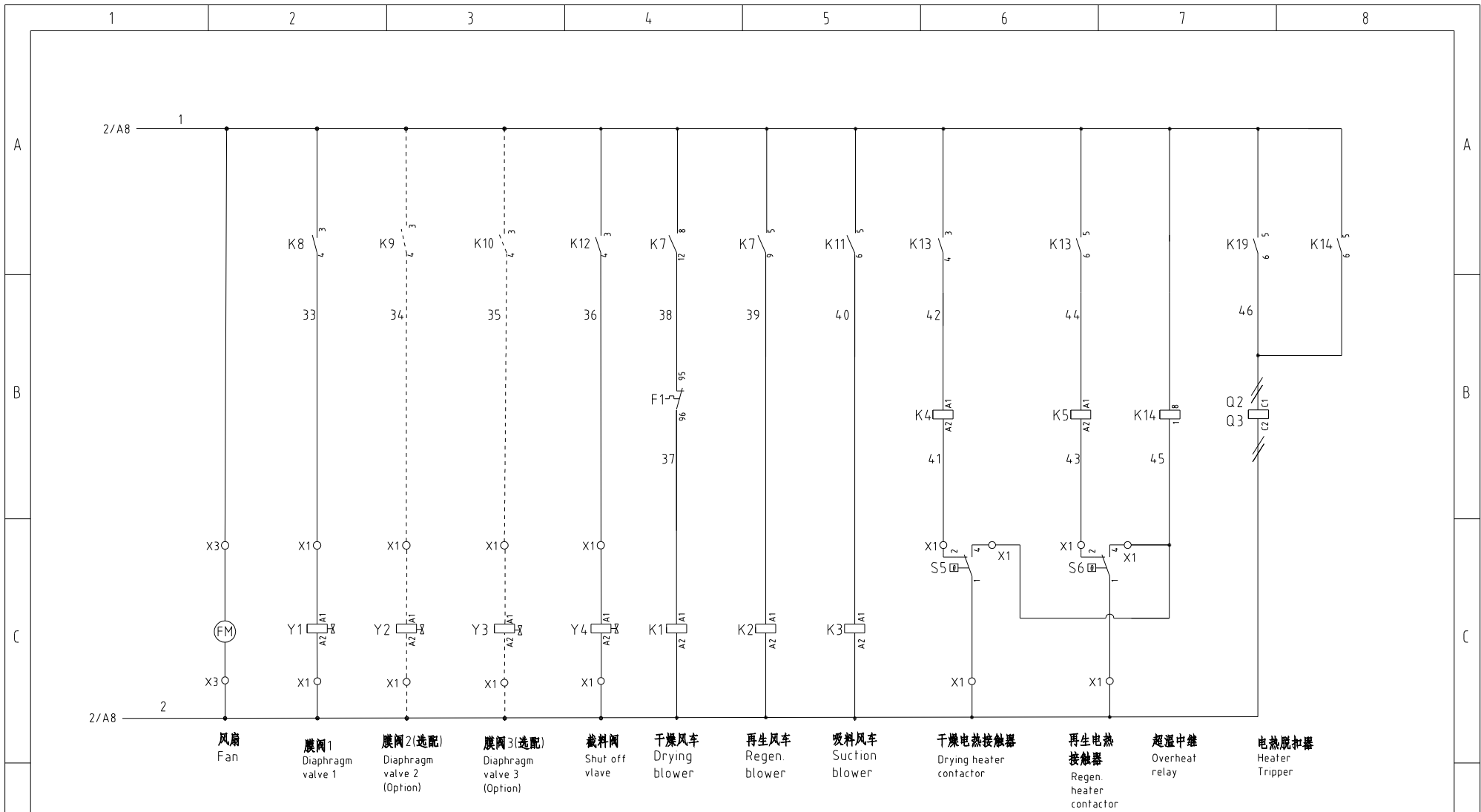
机型版本 Ver.F

					制图		版号	C	标题	SCD-600U(750U)/400H-LC	图号	比例	第 4 张
					设计		核		电气原理图四	SCD-600U(750U)/400H-LC-CE-400V-C-4	标准	CE	共 11 张
					校对		准		 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		机器电压	3Φ400V	
标记	更改前	更改后	更改人	日期	审核	日期	20220921			机器频率	50Hz		




机型版本 Ver.F

				制图		版号		标题 SCD-600U(750U)/400H-LC		图号		比例		第 5 张	
				设计		核 准		电气原理图五		SCD-600U(750U)/400H-LC-CE-400V-C-5		标准 CE		共 11 张	
				校对				 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		机器电压		3Φ400V			
标记		更改前		更改后		更改人				日期		20220921		机器频率	



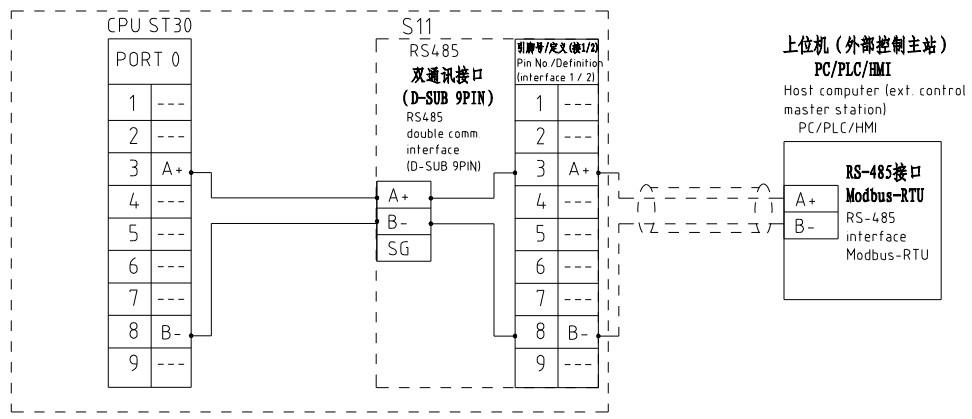
机型版本 Ver.F

				制图	版号	C	标题	SCD-600U(750U)/400H-LC	图号	比例	第 6 张
				设计	核准		电气原理图六	SCD-600U(750U)/400H-LC-CE-400V-C-6	标准	CE	共 11 张
				校对	核准		 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		机器电压	3Φ400V	
标记	更改前	更改后	更改人	日期	审核	日期			20220921	机器频率	50Hz

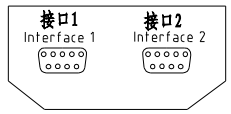
A

A

通讯接口接线示意图
Comm. interface wiring diagram



RS-485接口定义
RS-485 interface definition
S11



- 注: 1. 通讯接口: RS-485 (两线式)
2. 通讯协议: Modbus-RTU
3. 机器配备D-sub9母接头, 客户需自备D-sub9公接头;
4. 接口1和接口2内部并联, 功能相同, 不分主次

D-sub-9母接口 D-sub-9 pin interface	引脚号 Pin No.	引脚定义 Pin definition
	1	空 Empty
	2	空 Empty
	3	A+ (RS-485 信号) A+ (RS-485 signal)
	4	空 Empty
	5	空 Empty
	6	空 Empty
	7	空 Empty
	8	B- (RS-485 信号) B- (RS-485 signal)
	9	空 Empty

Note:
1. Comm. interface: RS-485 (two wire)
2. Comm. protocol: Modbus-RTU
3. The machine is equipped with D-sub9 female connector, and the customer needs to provide D-sub9 male connector.
4. Interface 1 and interface 2 are connected in parallel and have the same function, which is regardless of primary and secondary.

B

B

C

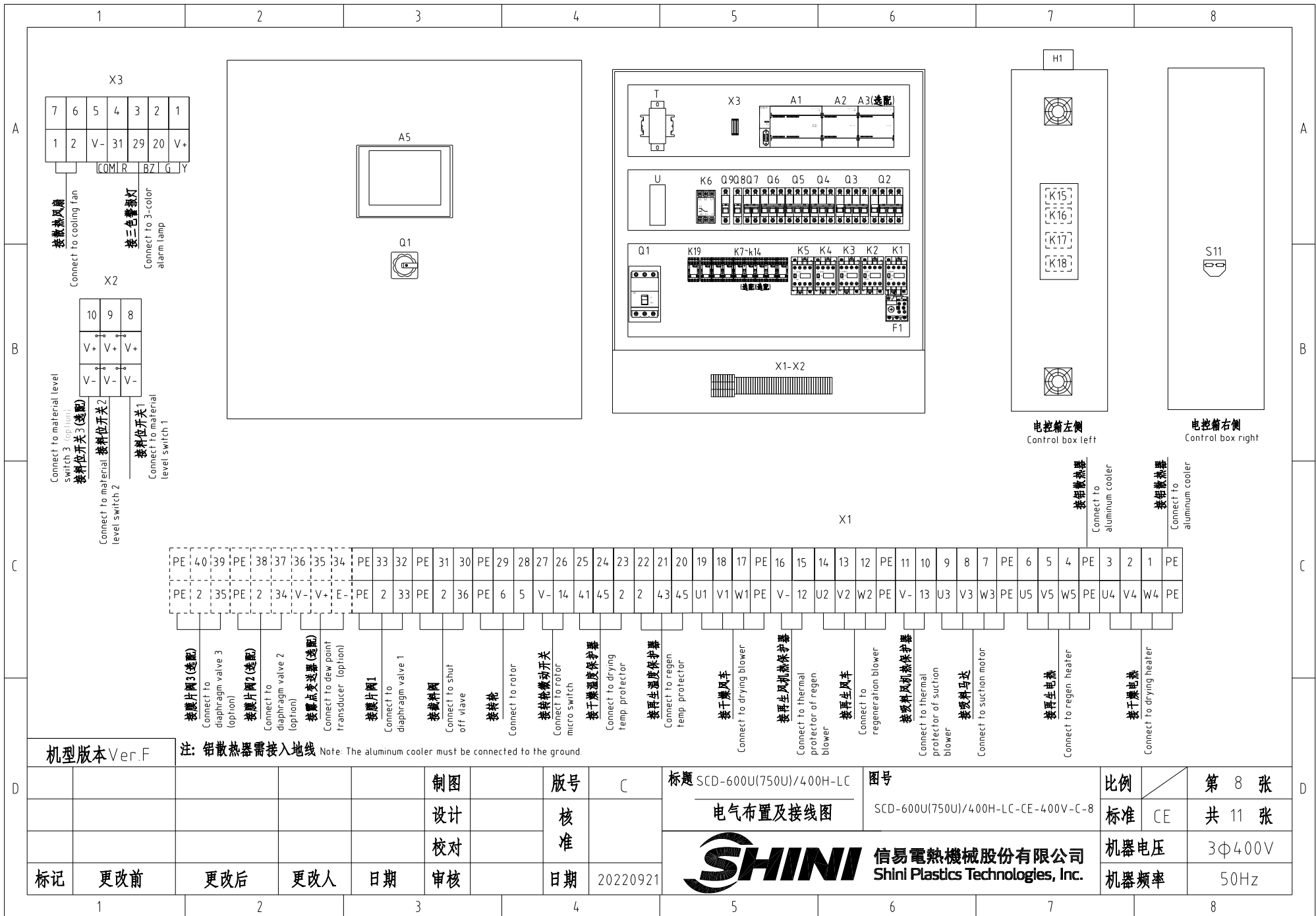
C

机型版本 Ver.F

						制图	版号	C	标题	SCD-600U(750U)/400H-LC	图号	比例	第 7 张	
						设计	核		通讯接口接线图	SCD-600U(750U)/400H-LC-CE-400V-C-7		标准	CE	共 11 张
						校对	准		信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		机器电压	3φ400V		
标记	更改前	更改后	更改人	日期	审核	日期	20220921	机器频率			50Hz			

D

D



机型版本 Ver.F

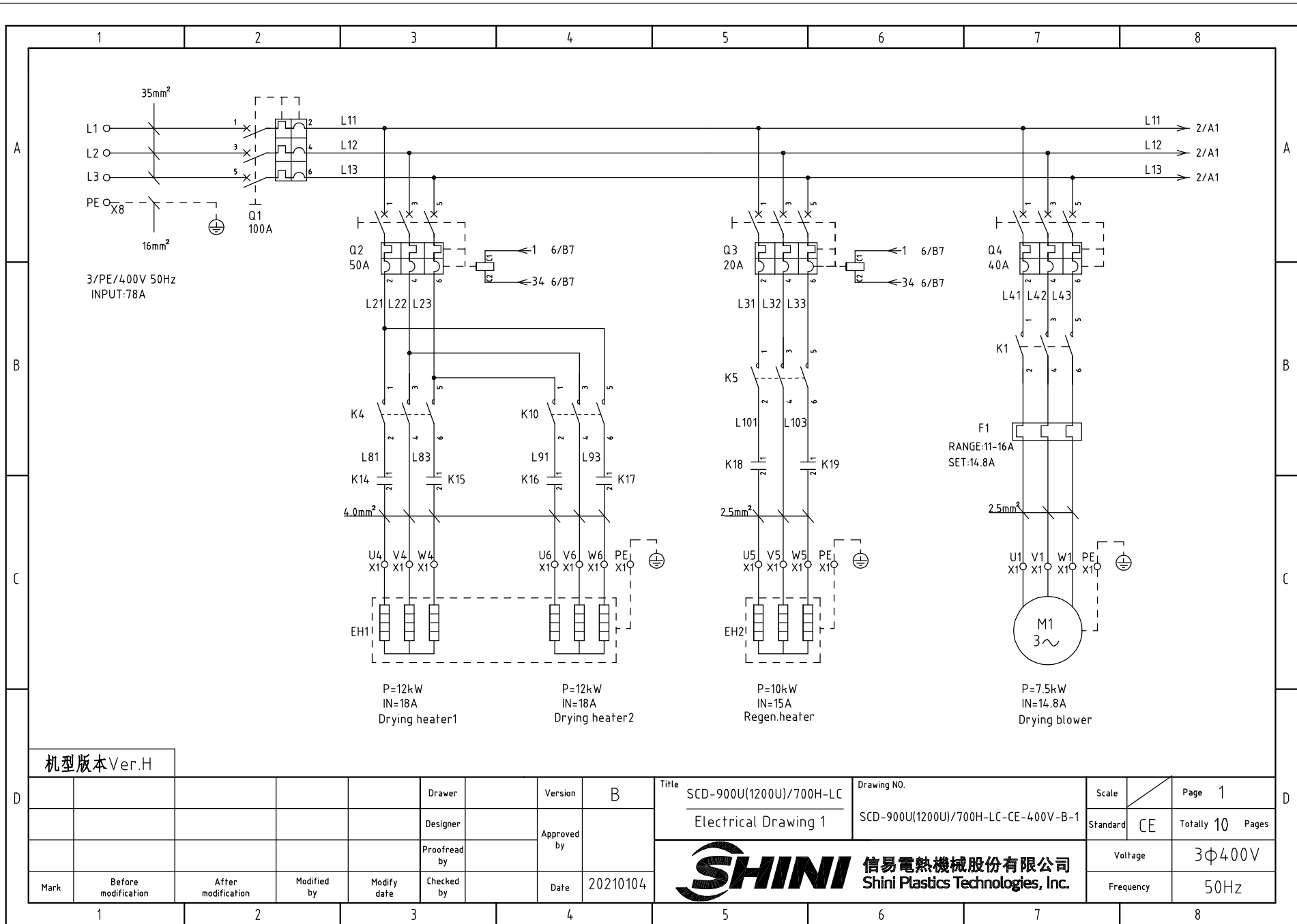
注: 铝散热器需接入地线 Note: The aluminum cooler must be connected to the ground

标题	SCD-600U(750U)/400H-LC		图号	SCD-600U(750U)/400H-LC-CE-400V-C-8		比例	第 8 张	
电气布置及接线图						标准	CE 共 11 张	
 信易电热机械股份有限公司 Shini Plastics Technologies, Inc.				机器电压		3Φ400V		
				机器频率		50Hz		
标记	更改前	更改后	更改人	日期	审核	日期	20220921	


1		2		3		4		5		6		7		8	
序号/NO	符号/Symbol	名称/Name		制造商/Manufacturer		型号/Type		规格/Specification		数量/Number	物料编号/Material number		备注/Remark		
1	Q1	门连锁断路器/Break Interlock		TECO		B0100EB3080		80A		1	YE40100300300				
2		断路器外部操作把手/External circuit breaker handle		TECO		1A-CS1-C-D1		B0100EB		1	YE90111100100				
3	Q2	断路器/Circuit-breaker		TECO		BM-63C 3P		40A		1	YE40304003000				
4	Q3	断路器/Circuit-breaker		TECO		BM-63C 3P		16A		1	YE40301603000				
5		励磁脱扣器/Excitation release		TECO		MX		24VAC 50/60Hz		2	YE40024000000				
6	Q4	断路器/Circuit-breaker		TECO		BM-63C 3P		20A		1	YE40302003000				
7	Q5	断路器/Circuit-breaker		TECO		BM-63C 3P		6A		1	YE40300603000				
8	Q6	断路器/Circuit-breaker		TECO		BM-63C 3P		10A		1	YE40301003000				
9	Q7	断路器/Circuit-breaker		TECO		BM-63C 2P		3A		1	YE40200203000				
10	Q8 Q9	断路器/Circuit-breaker		TECO		BM-63C 1P		3A		2	YE40100203000				
11	K1	接触器/Contactor		SIEMENS		3RT6017-1AB01		24VAC 50/60Hz		1	YE00601702500				
12	K5	接触器/Contactor		SIEMENS		3RT6015-1AB01		24VAC 50/60Hz		1	YE00601502500				
13	K2 K3	接触器/Contactor		SIEMENS		3RT6016-1AB01		24VAC 50/60Hz		2	YE00601602500				
14	K4	接触器/Contactor		SIEMENS		3RT6023-1AC20		24VAC 50/60Hz		1	YE00602301100				
15	K6	相序继电器/Phase relay		CHAOSHI		ABJ-10W		400V 50/60Hz		1	YE03103800000				
16	K7	中间继电器/Middle relay		Honeywell		GR-4C-底座PGR-4C-E GR-4C-base PGR-4C-E		DC24V 50/60Hz		1	YE03042400500				
17	K8 K11 K12 K13 K19	中间继电器/Middle relay		Honeywell		CR-2C-DC24V(X)		底座PGR-2C-T Base PGR-2C-T		5	YE00224200200				
18	K9 K10	中间继电器/Middle relay		Honeywell		CR-2C-DC24V(X)		底座PGR-2C-T Base PGR-2C-T		2	YE00224200200		(3)		
19	K14	中间继电器/Middle relay		Honeywell		CR-2C-AC24V(X)		底座PGR-2C-T Base PGR-2C-T		1	YE00224200100				
20	K15 K16	固态继电器/Solid state relay		FOTEK		KSR-50DA-H		50A/480VAC/4-32VDC		2	YE03505003200				
21	K17 K18	固态继电器/Solid state relay		FOTEK		KSR-40DA-H		40A/480VAC/4-32VDC		2	YE03404003200				
22	F1	热过载继电器/Thermal overload relay		SIEMENS		3RU6116-1JB0		7-10A		1	YE01167100000				
23	A1	可编程控制器/PLC		SIEMENS		CPU ST30 DC/DC/DC		24VDC		1	YE81003006100				
24	A2	PLC扩展模块/PLC extended module		SIEMENS		四点热电偶温度模組 EM AT04 4-point thermocouple temp. module EM AT04		24VDC		1	YE82000400300				
25	A3	PLC扩展模块/PLC extended module		SIEMENS		四点输入模拟量模組 EM AE04 4-input analog quantity module EM AE04		24VDC		1	YE82000400100		(2)		
机型版本 Ver.F		注: (1)表示非电控箱内材料 (2)表示选配露点功能 (3)表示选配M2功能 Notes: (1)Means it's not the material inside the control box. (2) Optional dewpoint. (3)Optional M2.													
				制图		版本号		标题 SCD-600U(750U)/400H-LC		图号		比例		第 9 张	
				设计		核 准		电气元件明细表一		SCD-600U(750U)/400H-LC-CE-400V-C-9		标准 CE		共 11 张	
				校对				 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		机器电压		3φ400V			
标记		更改前		更改后		更改人				日期		20220921		机器频率	
1		2		3		4		5		6		7		8	

1		2		3		4		5		6		7		8	
序号/NO	符号/Symbol	名称/Name		制造商/Manufacturer		型号/Type		规格/Specification		数量/Number	物料编号/Material number		备注/Remark		
26	A5	触摸屏/Human-machine interface		FLEXEM		F007R		24VDC		1	YE80072400000				
27	T	变压器/Transformer		JIUXIN		400V/415V OUT=24V/230V		230VA 350MA		1	YE7004.0007500				
28	U	直流电源/DC power		MEAN WELL		NES-100-24		OUT=DC24V 4.5A		1	YE71102400000				
29	S1	磁簧开关/Reed switch		FOTEK		FC-12V		24VDC		1	-----		(1)		
30	S2 S3	光电开关/Photosensor switch		FOTEK		T18-3MNB-PE		24VDC		2	-----		(1)		
31	S4	微动开关/Micro switch		TEND		LXW5-11G1		250V 5(4)A		1	-----		(1)		
32	S5 S6	温度保护器/Overheat protector		----		----		250V 5(4)A		2	-----		(1)		
33	S7 S8 S9	热电偶/Thermocouple		SHINI		ST-K		K		3	-----		(1)		
34	S10	露点变送器/Dew-point transducer		VAISALA		DMT141		POWER=24VDC OUT=4-20mA		1	YE90014.100100		(1)(2)		
35	S11	通信接口板RS-485(双Dsub-9pin接头) Communication interface board RS-485 (double Dsub-9pin-connector)		YUYUN		----		PCS		1	YE9004.8501200				
36		外壳RS-485(SAL-700G-A-19)0版 Shell RS485(SAL-700G-A-19)0		BINCHENG		----		PCS		1	YR4.004.8500000				
37		超五类网络跳线 Super five classes network wire jumper		----		2M		BA		1	YE90000201600				
38	Y1-Y5	电磁阀/Solenoid valve		----		MSFW-230-50/60		24V 50/60Hz		5	-----		(1)		
39	H1	警报指示灯/Alarm indicating lamp		SHINI		优先级 Priority		24V AC/DC		1	BL900024.01520		(1)		
40	X1X2X3	端子排/Terminal board		HONEYWELL		GK6		6mm ²		3	YE60000603200				
41		端子排/Terminal board		HONEYWELL		GK6PE		6mm ² PE		1	YE60000603500				
42		端子排/Terminal board		HONEYWELL		SK4		4mm ²		16	YE600004.03200				
43		端子排/Terminal board		HONEYWELL		GK5PE		4mm ² PE		5	YE600004.03500				
44		端子排/Terminal board		HONEYWELL		SK2.5		2.5mm ²		21	YE60002503200				
45		端子排/Terminal board		HONEYWELL		GK2.5PE		2.5mm ² PE		3	YE60002503400				
46		端子排/Terminal board		HONEYWELL		SK2.5		2.5mm ²		3	YE60002503200		(2)		
47		端子排/Terminal board		HONEYWELL		SK2.5		2.5mm ²		4	YE60002503200		(3)		
48		端子排/Terminal board		HONEYWELL		GK2.5PE		2.5mm ² PE		2	YE60002503400		(3)		
49		端子排/Terminal board		HONEYWELL		三层弹簧端子SK2.5-TL Three-layer spring terminal SK2.5-TL		10A 250V		3	YE60002503600				
50		端子排/Terminal board		HONEYWELL		SK-2.5TL桥接件 SK-2.5TL bridgeware		10A 250V		1	YE60001003600				
机型版本 Ver.F		注: (1)表示非电控箱内材料 (2)表示选配露点功能 (3)表示选配M2功能 Notes: (1)Means it's not the material inside the control box (2) Optional dewpoint, (3)Optional M2													
				制图		版本号		标题 SCD-600U(750U)/400H-LC		图号		比例		第 10 张	
				设计		核 准		电气元件明细表二		SCD-600U(750U)/400H-LC-CE-400V-C-10		标准 CE		共 11 张	
				校对				 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		机器电压		3Φ400V			
标记		更改前		更改后		更改人				日期		20220921		机器频率	
1		2		3		4		5		6		7		8	

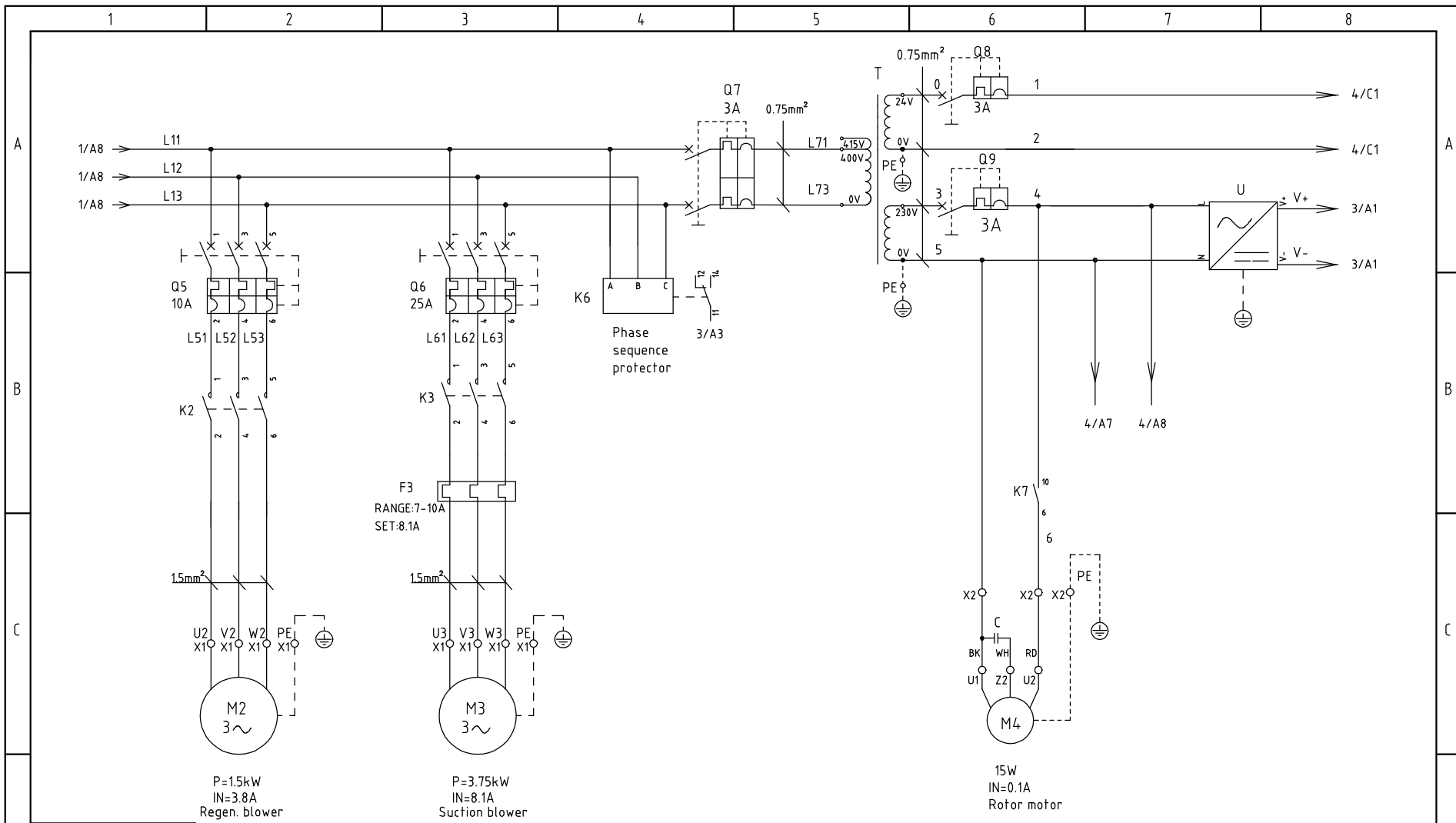
1		2		3		4		5		6		7		8	
序号/NO	符号/Symbol	名称/Name		制造商/Manufacturer		型号/Type		规格/Specification		数量/Number		物料编号/Material number		备注/Remark	
51		终端固定件B/GK系列 Terminal fittings E/GK series		HONEYWELL		E		GK		7		YE60000003900			
52	X6 X7	重载接插件/Heavy-duty plug-in		HARTING		4P+PE(插座)Han 4A-F 4P+PE(socket)Han 4A-F		PCS		2		YE68000401400		(1)	
53	X5	重载接插件/Heavy-duty plug-in		HARTING		4P+PE(插座)Han 4A-F 4P+PE(socket)Han 4A-F		PCS		1		YE68000401400		(1) (3)	
54	FM	风扇/Fan		SUNON		DP-200A		24VAC 40W		1		-----		(1)	
55	M1	风车/Blower		SHINI		-----		400V 3.75kW		1		-----		(1)	
56	M2	风车/Blower		SHINI		-----		400V 0.75kW		1		-----		(1)	
57	M3	风车/Blower		SHINI		-----		400V 1.5kW		1		-----		(1) 750U用	
58	M3	风车/Blower		SHINI		-----		400V 1.8kW		1		-----			
59	M4	马达/Motor		----		-----		230V 0.015kW		1		-----		(1)	
60	EH1	电热管/Heater		SHINI		-----		400V 18kW		1		-----		(1)	
61	EH2	电热管/Heater		SHINI		-----		400V 7.2kW		1		-----		(1)	
62		三层弹簧端子 端板D-SK2.5-TL (50PCS/包) Three-layer spring terminal Terminal plate D-SK2.5-TL(50PCS/bag)		HONEYWELL		SK2.5		2.5mm ²		1		YE60002500800			
机型版本 Ver.F		注: (1)表示非电控箱内材料 (2)表示选配露点功能 (3)表示选配M2功能 Notes: (1)Means it's not the material inside the control box. (2) Optional dewpoint; (3)Optional M2.													
D					制图		版本号	C	标题	SCD-600U(750U)/400H-LC	图号		比例		第 11 张
					设计		核		电气元件明细表三	SCD-600U(750U)/400H-LC-CE-400V-C-11		标准	CE	共 11 张	
					校对		准		 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.			机器电压	3Φ400V		
	标记	更改前	更改后	更改人	日期	审核	日期	20220921					机器频率	50Hz	
1		2		3		4		5		6		7		8	



机型版本Ver.H

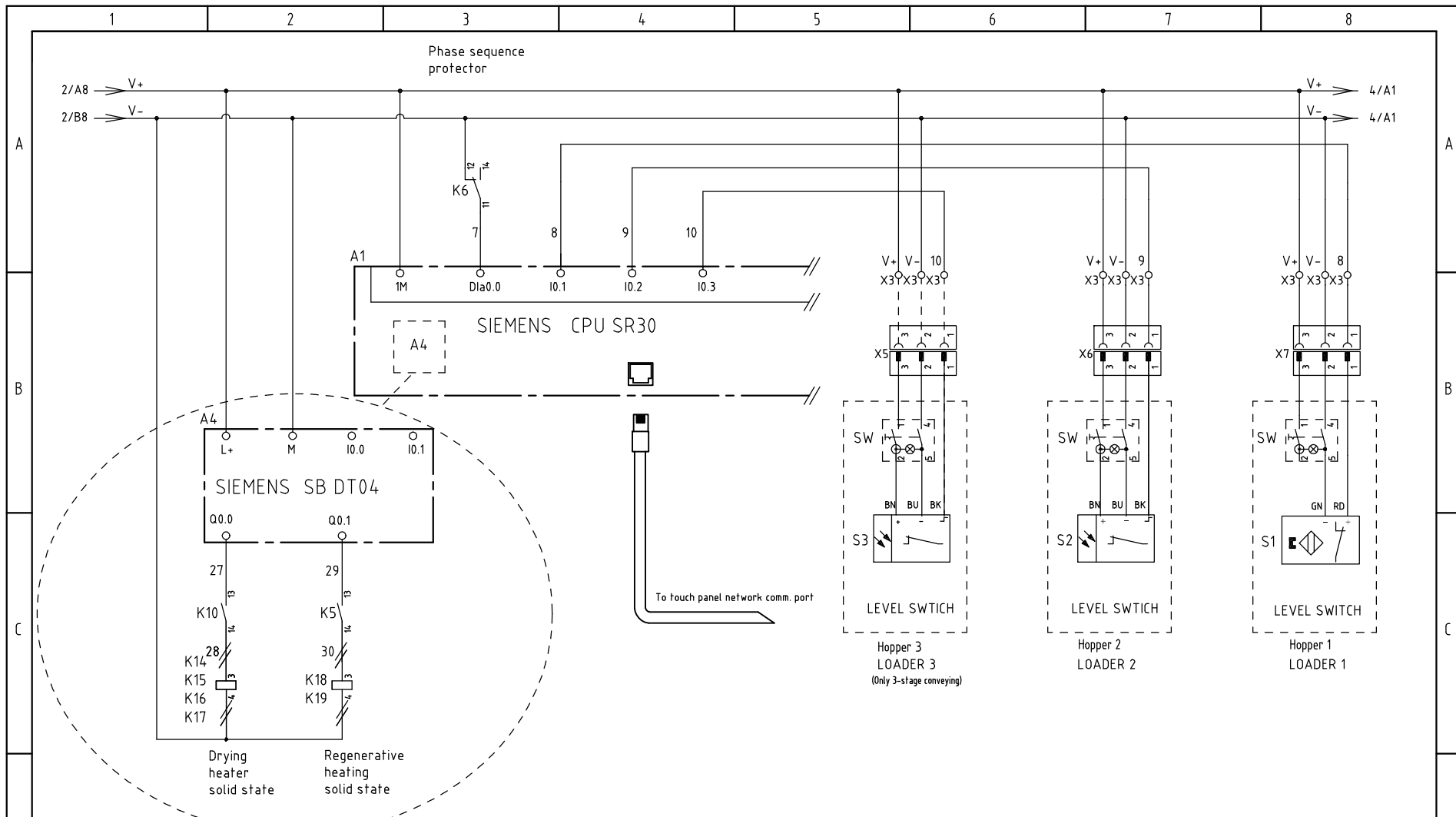
D					Drawer		Version	B	Title	SCD-900U(1200U)/700H-LC	Drawing NO.		Scale	Page	1
					Designer		Approved by		Electrical Drawing 1		SCD-900U(1200U)/700H-LC-CE-400V-B-1		Standard	CE	Totally 10 Pages
D					Proofread by		Date	20210104	 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.			Voltage	3φ400V		
	Mark	Before modification	After modification	Modified by	Modify date	Checked by						Frequency	50Hz		

1 2 3 4 5 6 7 8



机型版本 Ver.H

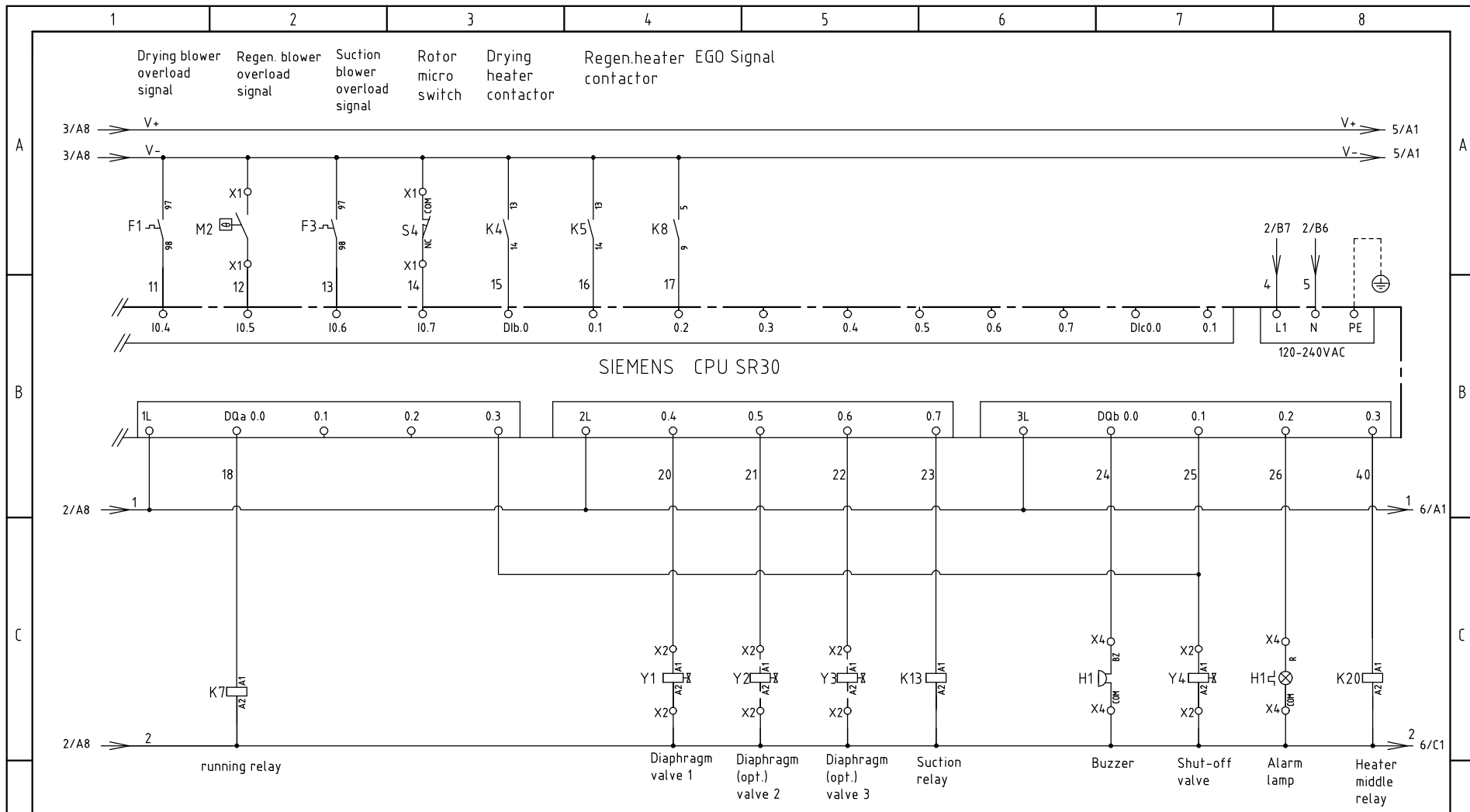
D					Drawer	Version	B	Title	SCD-900U(1200U)/700H-LC	Drawing NO.	Scale	Page	2
					Designer	Approved by		Electrical Drawing 2	SCD-900U(1200U)/700H-LC-CE-400V-B-2	Standard	CE	Totally	10 Pages
D					Proofread by	Date	20210104	信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.	Voltage	3φ400V			
					Checked by				Frequency	50Hz			



机型版本 Ver.H

D	Drawer	Version	B	Title	SCD-900U(1200U)/700H-LC	Drawing NO.	SCD-900U(1200U)/700H-LC-CE-400V-B-3	Scale	Page 3
	Designer	Approved by		Electrical Drawing 3		Standard	CE	Totally 10 Pages	
Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date	20210104	Voltage	3φ400V
								Frequency	50Hz

SHINI 信易電熱機械股份有限公司
Shini Plastics Technologies, Inc.



机型版本 Ver.H

Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date	20210104
Drawer						Version	B
Designer						Approved by	
Proofread by							

Title SCD-900U(1200U)/700H-LC
Electrical Drawing 4

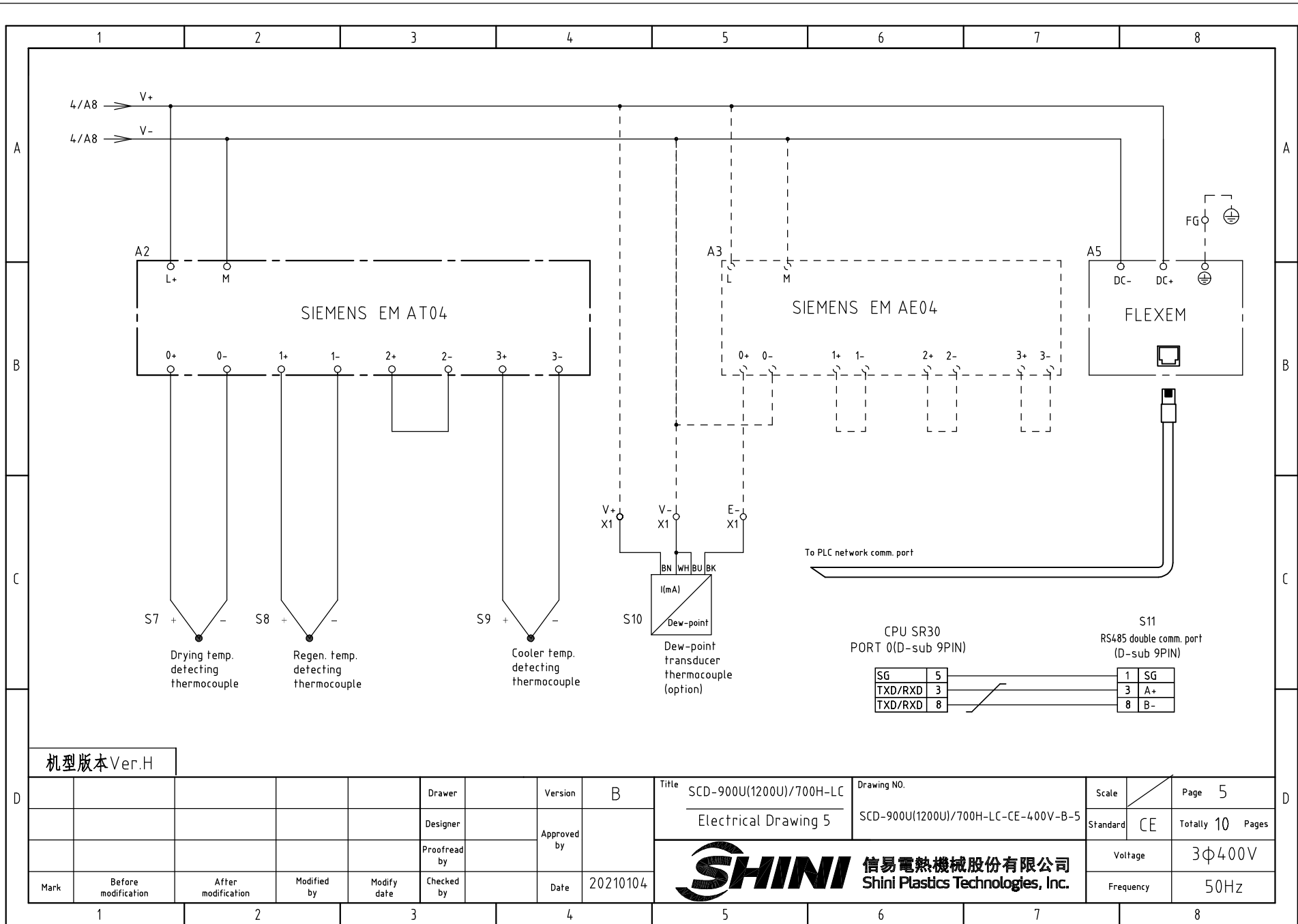
Drawing NO. SCD-900U(1200U)/700H-LC-CE-400V-B-4

Scale / Page 4
Standard CE Totally 10 Pages




信易電熱機械股份有限公司
Shini Plastics Technologies, Inc.

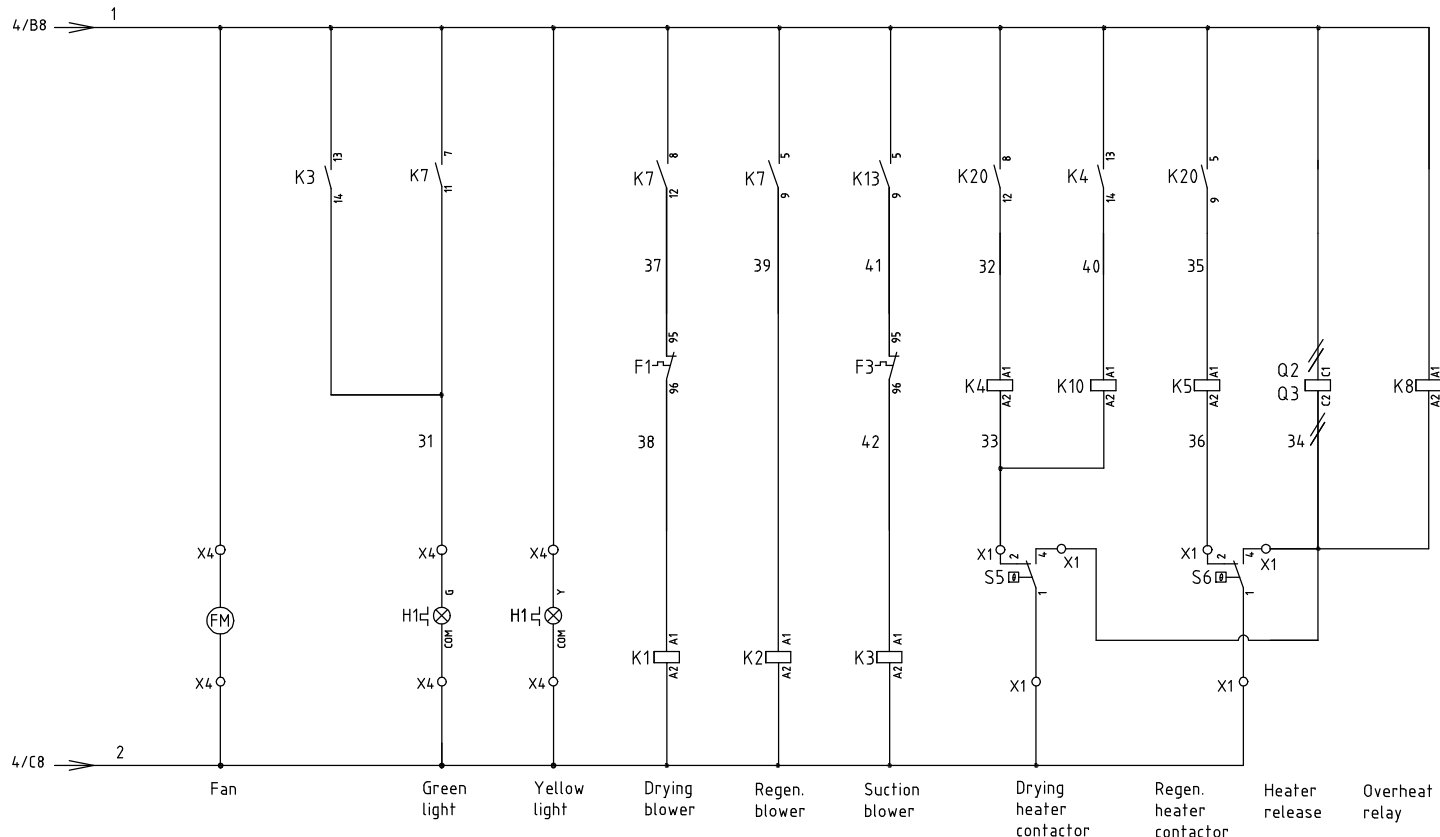
Voltage 3Φ400V
Frequency 50Hz



机型版本 Ver.H

D					Drawer		Version	B	Title	SCD-900U(1200U)/700H-LC	Drawing NO.		Scale		Page	5
					Designer		Approved by		Electrical Drawing 5	SCD-900U(1200U)/700H-LC-CE-400V-B-5			Standard	CE	Totally	10
D					Proofread by		Date	20210104	 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.			Voltage	3Φ400V			
	Mark	Before modification	After modification	Modified by	Modify date	Checked by						Frequency	50Hz			

1 2 3 4 5 6 7 8

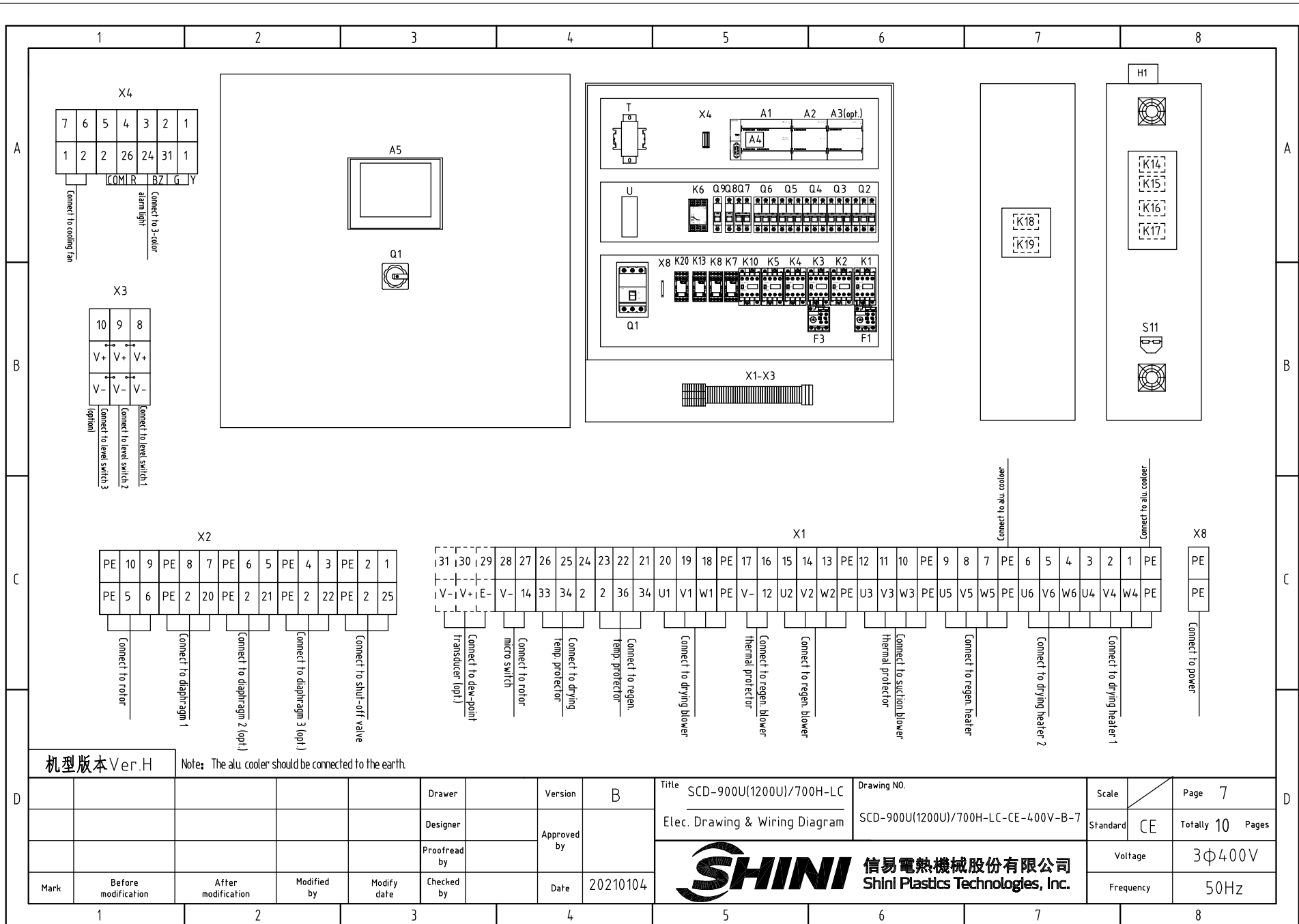


机型版本 Ver.H


				Drawer	Version		Title		Drawing NO.		Scale	Page
				Designer	B		SCD-900U(1200U)/700H-LC		SCD-900U(1200U)/700H-LC-CE-400V-B-6		CE	6
				Proofread by	Approved by		Electrical Drawing 6				Standard	Totally 10 Pages
Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date	20210104		SHINI 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Voltage	3Φ400V
1	2	3	4	5	6	7	8			Frequency	50Hz	

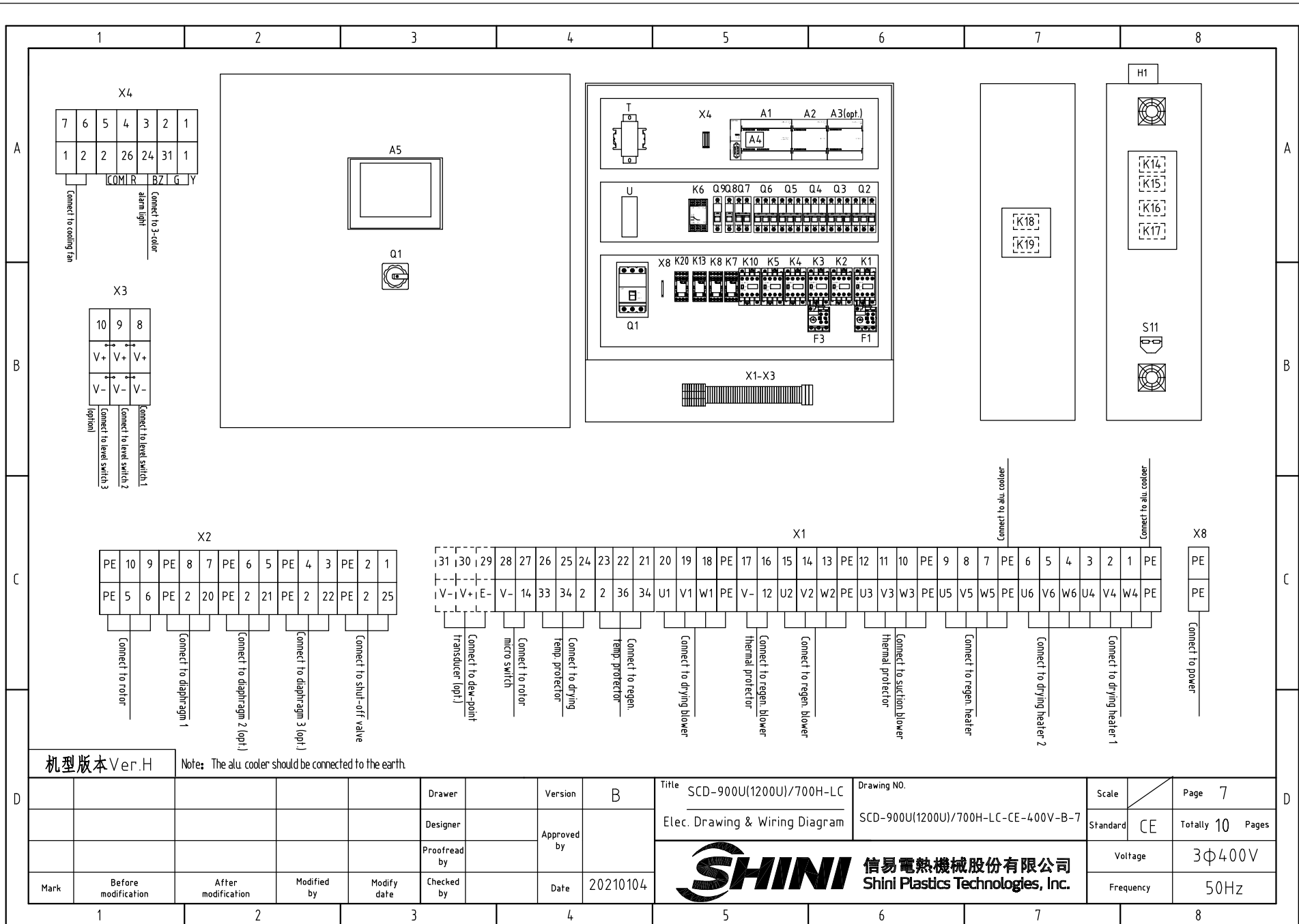


信易電熱機械股份有限公司
Shini Plastics Technologies, Inc.




机型版本 Ver.H Note: The alu. cooler should be connected to the earth.

D	Drawer	Version	B	Title	SCD-900U(1200U)/700H-LC	Drawing NO.	Scale	Page	7
	Designer	Approved by		Elec. Drawing & Wiring Diagram	SCD-900U(1200U)/700H-LC-CE-400V-B-7	Standard	CE	Totally	10 Pages
D	Proofread by	Date	20210104	 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.				Voltage	3Φ400V
	Mark	Before modification	After modification					Modified by	Modify date



机型版本 Ver.H Note: The alu. cooler should be connected to the earth.

D	Drawer	Version	B	Title	SCD-900U(1200U)/700H-LC	Drawing NO.	Scale	Page	7
	Designer	Approved by		Elec. Drawing & Wiring Diagram	SCD-900U(1200U)/700H-LC-CE-400V-B-7	Standard	CE	Totally	10 Pages
D	Proofread by	Date	20210104	 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.				Voltage	3Φ400V
	Mark	Before modification	After modification					Modified by	Modify date

1		2		3		4		5		6		7		8		
NO.	Symbol	Name		Manufacturer		Type		Specification		Number	Material number		Remark			
A	1	Q1	Main power switch		ABB		A1A125TMF100		100A	1	YE4110200000					
	2	Q2	Circuit breaker		TECO		BM-63C 3P		50A	1	YE40305003000					
	3	Q3	Circuit breaker		TECO		BM-63C 3P		20A	1	YE40302003000					
	4		Excitation release		YIJIN		MX		24VAC 50/60Hz	2	YE40024000000					
	5	Q4	Circuit breaker		TECO		BM-63C 3P		40A	1	YE40304003000					
	6	Q5	Circuit breaker		TECO		BM-63C 3P		10A	1	YE40301003000					
	7	Q6	Circuit breaker		TECO		BM-63C 3P		25A	1	YE40302503000					
	8	Q7	Circuit breaker		TECO		BM-63C 2P		3A	1	YE40200203000					
	9	Q8 Q9	Circuit breaker		TECO		BM-63C 1P		3A	2	YE40100203000					
B	10	K1	Contactor		SIEMENS		3RT6026-1AC20		24VAC 50/60Hz	1	YE00602602600					
	11	K2 K4 K5 K10	Contactor		SIEMENS		3RT6016-1AB01		24VAC 50/60Hz	4	YE00601602500					
	12	K3	Contactor		SIEMENS		3RT6017-1AB01		24VAC 50/60Hz	1	YE00601702500					
	13		Auxiliary contactor		SIEMENS		3RH6911		1AA10	3	YE00691100000					
	14	K6	Phase sequence relay		CHAOSHI		ABJ-10W		400V 50/60Hz	1	YE03103800000					
	15	K7	Middle relay		Honeywell		GR-4C-base PGR-4C-E		AC24V 50/60Hz	1	YE03042400300					
	16	K8 K13 K20	Middle relay		Honeywell		GR-2C-base PGR-2C-E		AC24V 50/60Hz	3	YE03022400300					
	17	K14-K19	Solid state relay		FOTEK		KSR-40DA-H		40A/480VAC/4-32VDC	6	YE03404003200					
C	18	F1	Overload relay		SIEMENS		3RU6126-4AB0		11-16A	1	YE01260100000					
	19	F3	Overload relay		SIEMENS		3RU6116-1GB0		7-10A	1	YE01167100000					
	20	A1	Programmable logic controller		SIEMENS		CPU SR30 AC/DC/RLY		100-230VAC 50/60Hz	1	YE81003006000					
	21	A2	PLC extended module		SIEMENS		4-point thermocouple temp. module EM AT04		24VDC	1	YE82000400300					
	22	A3	PLC extended module		SIEMENS		4-point input analog module EM AT04		24VDC	1	YE82000400100		(2)			
	23	A4	PLC extended module		SIEMENS		Signal extended to circuit board SB DT04		24VDC	1	YE90000401300					
	24	A5	Human-machine interface		FLEXEM		F007R		24VDC	1	YE80072400000					
	25	FM	Fan		SUNON		DP-200A		24VAC 40W	1	-----		(1)			
机型版本 Ver.H		Notes: (1)Materials not in the control; (2)Dew-point function (3) Optional M2 function;														
D	Drawer		Version		B		Title		SCD-900U(1200U)/700H-LC		Drawing NO.		Scale		Page 8	
	Designer		Approved by				Electrical Parts List 1		SCD-900U(1200U)/700H-LC-CE-400V-B-8		Standard		CE		Totally 10 Pages	
	Proofread by		Date		20210104		 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Voltage		3Φ400V					
	Mark		Before modification		After modification				Modified by		Modify date		Checked by		Frequency	
1		2		3		4		5		6		7		8		

1		2		3		4		5		6		7		8		
NO.	Symbol	Name		Manufacturer		Type		Specification		Number	Material number		Remark			
26	T	Transformer		JIUXIN		400V/415V OUT=24V/230V		350VA 350MA		1	YE70040007600					
27	U	DC power		MEAN WELL		NES-35-24		OUT=DC24V 1.5A		1	YE71352400100					
28	S1	Reed switch		FOTEK		FC-12V		24VDC		1	-----		(1)			
29	S2 S3	Photosensor switch		FOTEK		T18-3MNB-PE		24VDC		2	-----		(1)			
30	S4	Micro switch		TEND		LXW5-11G1		250V 5(4)A		1	-----		(1)			
31	S5	Overheat protector		----		----		250V 5(4)A		1	-----		(1)			
32	S6	Overheat protector		----		----		250V 5(4)A		1	-----		(1)			
33	S7 S8 S9	Thermocouple		SHINI		ST-K		K		3	-----		(1)			
34	S10	Dew-point transducer		VAISALA		DMT141		POWER=24VDC OUT=4-20mA		1	YE90014100100		(1)(2)			
35	S11	Connect to interface board RS-485(Dsub-9pin connector)		YUYUN		----		PCS		1	YE90048501200					
36		Shell RS-485(SAL-700G-A-19)ver.0		BINCHENG		----		PCS		1	YR40048500000					
37		Super 5 network jumper		----		2M		BA		1	YE90000201600					
38	Y1-Y5	Solenoid valve		----		MSFW-230-50/60		24V 50/60Hz		5	-----		(1)			
39	H1	Alarm indicator		SHINI		Priority(high)		24V AC/DC		1	BL90242201520		(1)			
40	X8	Terminal board		Honeywell		GK16PE		16mm ² PE		1	YE60001603500					
41	X1 X2 X4	Terminal board		Honeywell		SK4		4mm ²		20	YE60000403200					
42		Terminal board		Honeywell		GK5PE		4mm ² PE		4	YE60000403500					
43		Terminal board		Honeywell		SK2.5		2.5mm ²		25	YE60002503200					
44		Terminal board		Honeywell		GK2.5PE		2.5mm ² PE		6	YE60002503400					
45		Terminal board		Honeywell		SK2.5		2.5mm ²		3	YE60002503200		(2)			
46	X3	Terminal board		Honeywell		3-layer spring terminal SK2.5-TL		PCS		3	YE60002503600					
47		Terminal board		Honeywell		SK-2.5TL brighing 10 bits		FB10-2.5		1	YE60001003600					
48		Terminal fittings E/GK series		Honeywell		E		GK		7	YE60000003900					
49	X6 X7	Heavy-duty connector		HARTING		4P+PE(socket)Han 4A-F		PCS		2	YE68000401400		(1)			
50	X5	Heavy-duty connector		HARTING		4P+PE(socket)Han 4A-F		PCS		1	YE68000401400		(1) (3)			
机型版本 Ver.H		Notes: (1)Materials not in the control; (2)Dew-point function (3) Optional M2 function;														
D					Drawer	Version		B		Title SCD-900U(1200U)/700H-LC		Drawing NO.		Scale	Page 9	
					Designer	Approved by				Electrical Parts List 2		SCD-900U(1200U)/700H-LC-CE-400V-B-9		Standard	CE	Totally 10 Pages
					Proofread by	Date		20210104		 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Voltage		3φ400V		
	Mark	Before modification	After modification	Modified by	Modify date	Checked by			Frequency			50Hz				
1		2		3		4		5		6		7		8		

