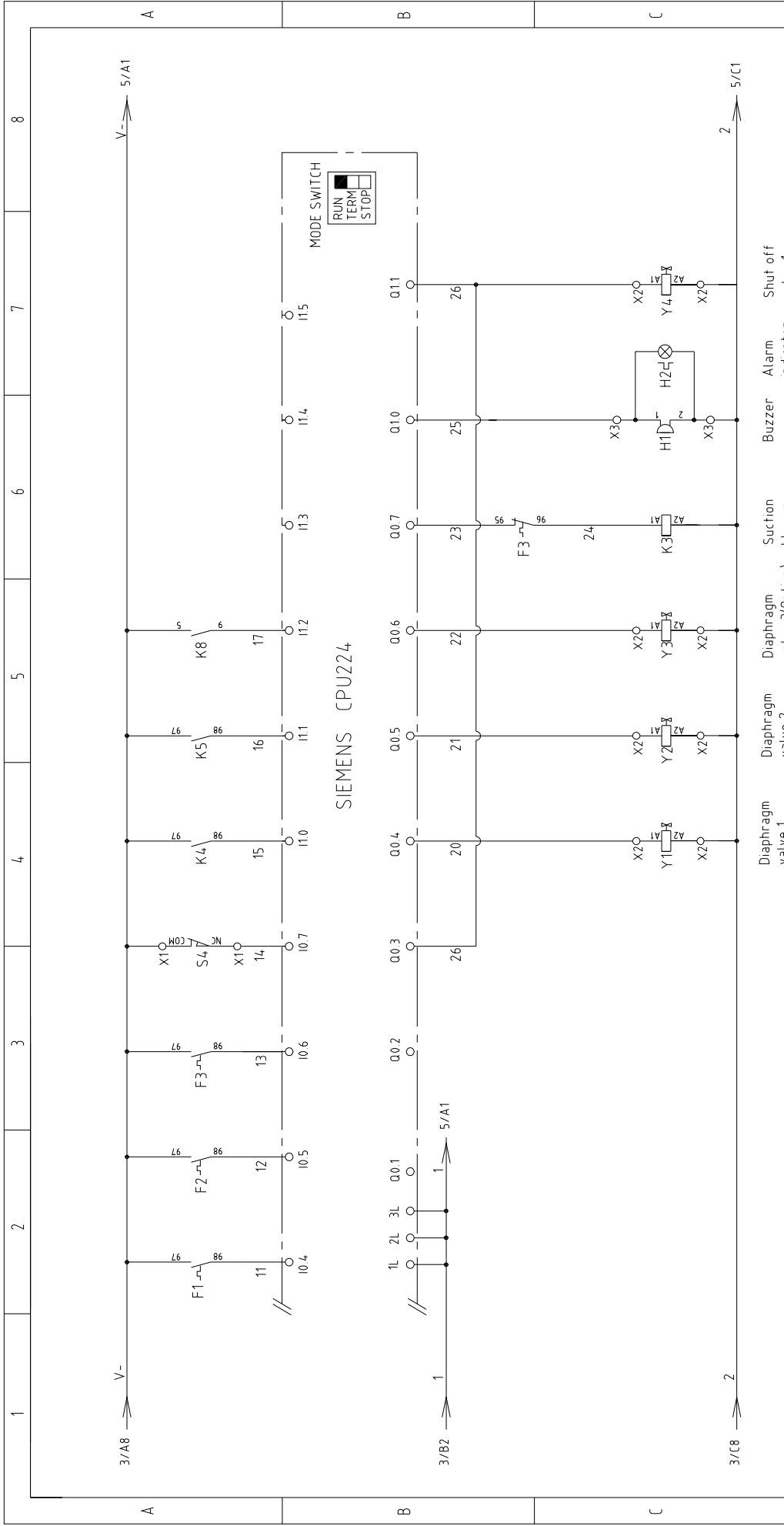
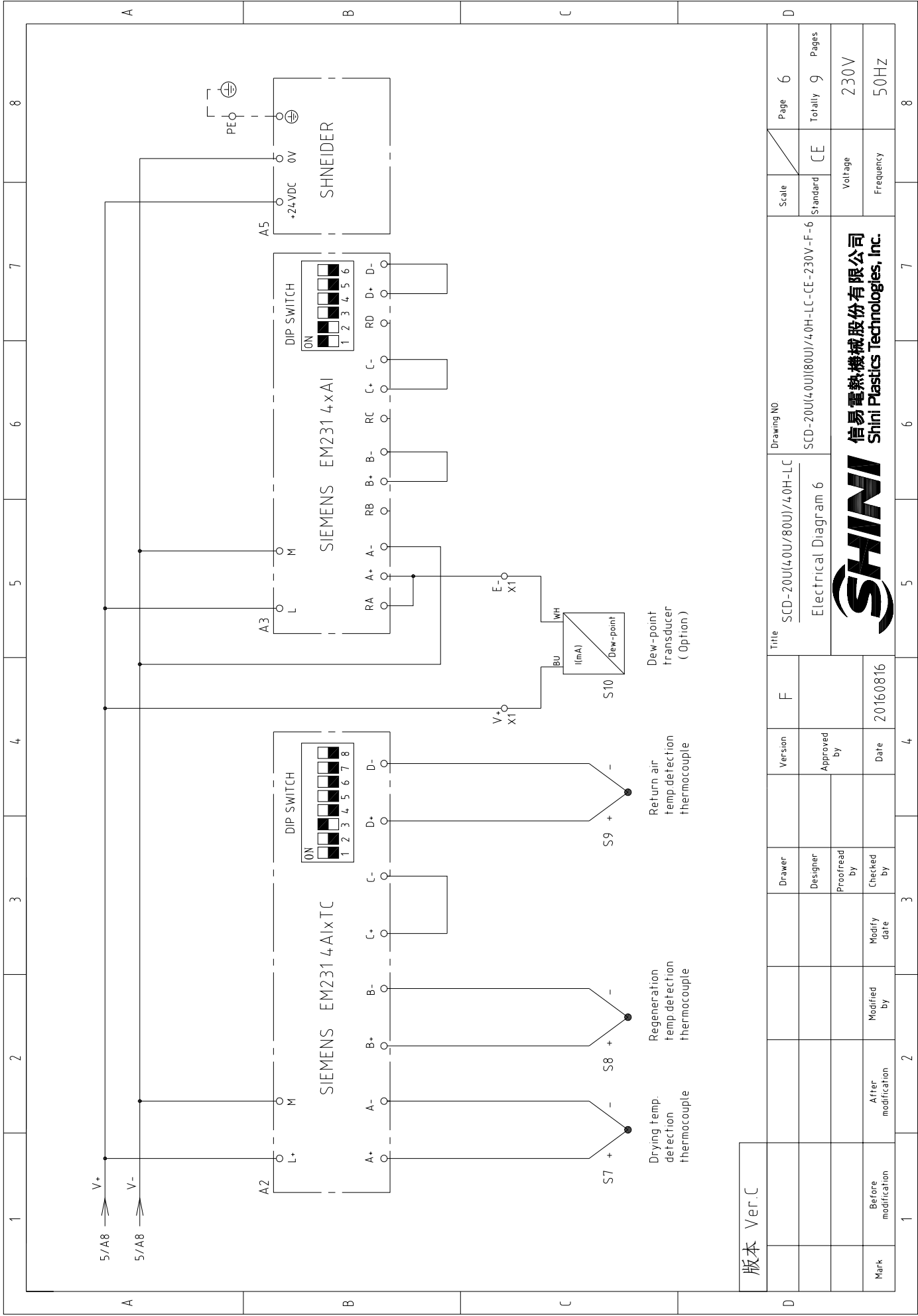


版本 Ver.C

Mark	Before modification	Modified by	Modified date	Checked by	Proofread by	Designer	Drawer	Version	F	Title		Drawing NO.		Scale	Page												
	1		2	3	4						SCD-20U(4.0U/80U)/4.0H-LC Electrical Diagram 1	SCD-20U(4.0U)80U/4.0H-LC-CE-230V-F-1	Standard	1													
<p style="text-align: center;">SHINI 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.</p>																											
<table border="1" style="width: 100%;"> <tr> <td>CE</td> <td>Totally</td> <td>9</td> <td>Pages</td> </tr> <tr> <td></td> <td>Voltage</td> <td>230V</td> <td></td> </tr> <tr> <td></td> <td>Frequency</td> <td>50HZ</td> <td></td> </tr> </table>																CE	Totally	9	Pages		Voltage	230V			Frequency	50HZ	
CE	Totally	9	Pages																								
	Voltage	230V																									
	Frequency	50HZ																									



版本 Ver.C		Scale		Page 4	
Title		Standard		Totally 9 Pages	
Version		CE		Voltage 230V	
Approved by		Standard		Frequency 50Hz	
Date		Drawing NO		Shut off valve 1	
20160816		SCD-200I(4.0U)/4.0H-LC		Alarm indicator	
20160816		Electrical Diagram 4		Buzzer	
20160816		SHINI		Suction blower	
20160816		信易電熱機械股份有限公司		Diaphragm valve 2	
20160816		Shini Plastics Technologies, Inc.		Diaphragm valve 3(Optional)	
20160816		SHINI		Diaphragm valve 1	
20160816		SHINI		Diaphragm valve 2	
20160816		SHINI		Diaphragm valve 3(Optional)	
20160816		SHINI		Suction blower	
20160816		SHINI		Alarm indicator	
20160816		SHINI		Buzzer	
20160816		SHINI		Shut off valve 1	



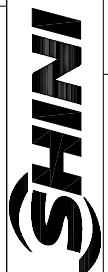
版本 Ver.C

1	2	3	4	5	6	7	8
Title		Version		Scale		Page	
SCD-20U(4.0U/80U)/4.0H-LC				Standard		6	
Electrical Diagram 6		Approved by		CE		Totally 9	
SCD-20U(4.0U)(80U)/4.0H-LC-CE-230V-F-6		Date		Voltage		Pages	
20160816		20160816		230V		50HZ	
Mark		Modified by		Frequency			
Before modification				50HZ			
Alter modification							
SHINI							
信易電熱機械股份有限公司							
Shini Plastics Technologies, Inc.							

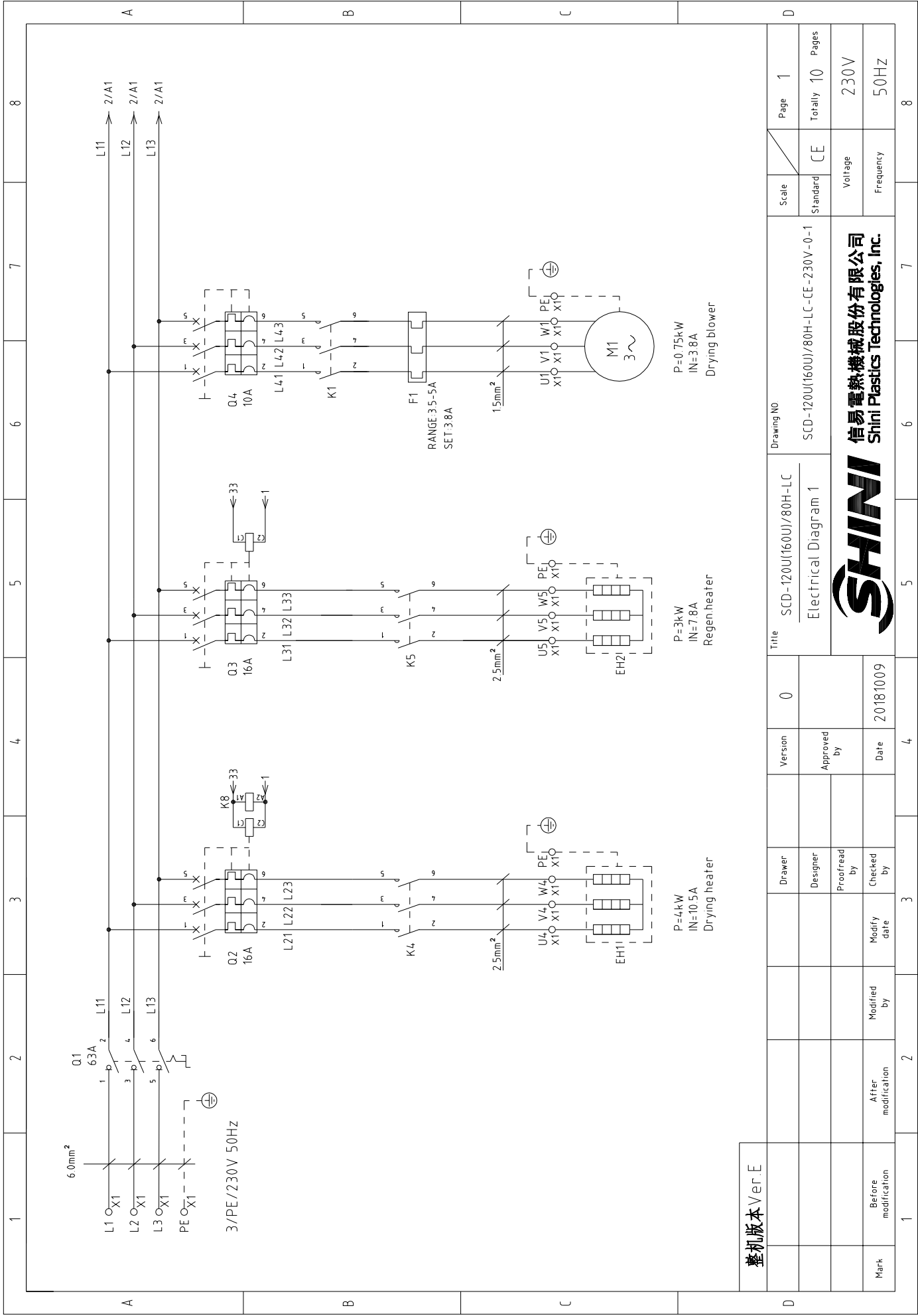
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NO	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark	A		B		C		D		
									Scale	Page	Standard	Totally	Scale	Page	Standard	Totally	Scale
1	Q1	Main switch	MOELLER	P2-32-EA/SVB	32A	1	YE10132320000										
2	Q2 Q3 Q6	Circuit-breaker	TECO	BM-63C 3P	16A	3	YE40301603000										
3	Q4 Q5	Excitation release	TECO	MX	220V 50/60Hz	2	YE40023560000										
4		Circuit-breaker	TECO	BM-63C 3P	6A	2	YE40300603000										
5	K1	Contact	SIEMENS	3RT6016-1AN21	220V 50/60Hz	1	YE00601621000										
6	K2	Contact	SIEMENS	3RT6016-1AN21	220V 50/60Hz	1	YE00601621000										
7	K3	Contact	SIEMENS	3RT6016-1AN21	220V 50/60Hz	1	YE00601621000										
8	K4	Contact	SIEMENS	3RT6018-1AN21	220V 50/60Hz	1	YE00601800000										
9	K5	Contact	SIEMENS	3RT6018-1AN21	220V 50/60Hz	1	YE00601800000										
10	K6	Phase relay	CHAOSHI	ABJ-10W	230V 50/60Hz	1	YE03102200000										
11	K7 K8	Middle relay	WEIDMULLER	DRM270730LT	220V 50/60Hz	2	YE03270700000										
12	K11 K12	Middle relay	WEIDMULLER	DRM270724LT	24V DC	2	YE032724-00000										
13	F1	Thermo overload relay	SIEMENS	3RU6116-0GB0	0.45-0.63A	1	YE011614-50000										
14	F2	Thermo overload relay	SIEMENS	3RU6116-1DB0	2.2-3.2A	1	YE01160220000										
15	F3	Thermo overload relay	SIEMENS	3RU6116-1HB0	5.5-8A	1	YE01160550000										
16	A1	PLC	SIEMENS	CPU224 AC/DC/RLY	100-230VAC 50/60Hz	1	YE810224-00100										
17	A2	PLC Expansion module	SIEMENS	EM231 4xTC	--	1	YE82023100100										
18	A3	PLC Expansion module	SIEMENS	EM231 4xAI	--	1	YE82023100000	(2)									
19	A4	PLC Expansion module	SIEMENS	EM223	4-in 24VDC, 4-out 24VDC, transistor-out	1	YE82022300200										
20	A5	Human-machine interface	SCHNEIDER	GX03512	24VDC	1	YE80351200200										
21	FU1	Fuse base	CHINT	RT18-32	2P	1	YE41032200000										
22		Fuse	CHINT	10x38 500V	2A	2	YE46002000100										
23	U	DC power	MEAN WELL	NES-35-24	OUT=DC24V 1.5A	1	YE713524-00100										
24	S1	Reed switch	FOTEK	FC-12V	24VDC	1	YE15001200000	(1)									
25	S2 S3	Photoelectric switch	FOTEK	T18-3MNB-PE	24VDC	2	YE1514-3900000	(1)									
版本		Ver.C		Notes: (1)Means it's not the material inside the control box. (2)Stands for optional.													
				Title		Drawing NO		Scale		Page		Standard		Totally		Pages	
				SCD-200(4.0U/80U)/4.0H-LC		SCD-200(4.0U/80U)/4.0H-LC-CE-230V-F-8		CE		8		CE		9		8	
				Electrical Components List 1													
				Version		Approved by		Voltage		Frequency							
				F				230V		50Hz							
				Designer		Proofread by											
				Checked by		Modified date											
				Date													
Mark		Before modification		20160816													
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	A		B		C		D	
									Version	Approved by	Scale	Page	Standard	Totally	Pages	CE
26	S4	Micro switch	TEND	LXW5-11G1	250V 5(4)A	1	YE14152400000	(1)								
27	S5	Temperature protector	----	-----	250V 5(4)A	1	-----	(1)								
28	S6	Temperature protector	----	-----	250V 5(4)A	1	-----	(1)								
29	S7 S8 S9	Thermocouple	SHINI	ST-K	K	3	-----	(1)								
30	S10	Dew-point transducer	CS	CS 217-OEM	POWER=24VDC OUT=4-20mA	1	YE90021700100	(1) (2)								
31	Y1-Y4	Solenoid valve	--	MSFW-230-50/60	220V 50/60Hz	4	-----	(1)								
32	H1	Buzzer	HITPOINT	PF-35A	60-250V	1	YE84,003500200	(1)								
33	H2	Alarm indicator	SHINI	LED-3051	220V 50/60Hz	1	YE83305100200	(1)								
34	X1 X3	Terminal board	----	6mm ²	57A 690V	3	YE60000603200									
35				6mm ² PE	-	1	YE60000603500									
36	X1 X2 X4	Terminal board	----	4mm ²	4.1A 690V	15	YE60000403200									
37				4mm ² PE	-	5	YE60000403500									
38				2.5mm ²	32A 690V	20	YE60002503200									
39				2.5mm ² PE	-	5	YE60002503400									
40	X3	Terminal board	----	ZDIK 1.5	10A 250V	3	YE60001003600									
41				FBSTB 10-ZDIK RD	10A 250V	3	YE60001000200									
42				SK2.5-TL	10A 250V	3	YE60002503600									
43	X5 X6 X7	Heavy duty connector	WEIN	HDC-HA-004.1	4P 10A	3	YE68041000100	(1)								
44	FM	Fan	SUNON	DP-200A	230VAC 40W	1	YM601212004.00	(1)								
45	M1	Blower	SHINI	-----	230V 0.12kW	1	-----	(1)								
46	M2	Blower	SHINI	-----	230V 0.4kW	1	-----	(1)								
47	M3	Blower	SHINI	-----	230V 15kW	1	-----	(1)								
48	M4	Motor	----	-----	230V 0.015kW	1	-----	(1)								
49	EH1	Pipe heater	SHINI	-----	230V 4kW	1	-----	(1)								
50	EH2	Pipe heater	SHINI	-----	230V 3kW	1	-----	(1)								
版本 Ver.C		Notes: (1)Means it's not the material inside the control box. (2)Stands for optional.														
		Drawer		Version	F	Drawing NO		Title		Scale		Page				
		Designer		Approved by		SCD-20U(4.0U/80U)/4.0H-LC		SCD-20U(4.0U/80U)/4.0H-LC-CE-230V-F-7		Standard		CE		Totally 9 Pages		
		Proofread by		Date	20160816	Electrical Components List 2		SHINI		Voltage		230V				
Mark		Before modification		Modified by		SHINI		SHINI		Frequency		50HZ				
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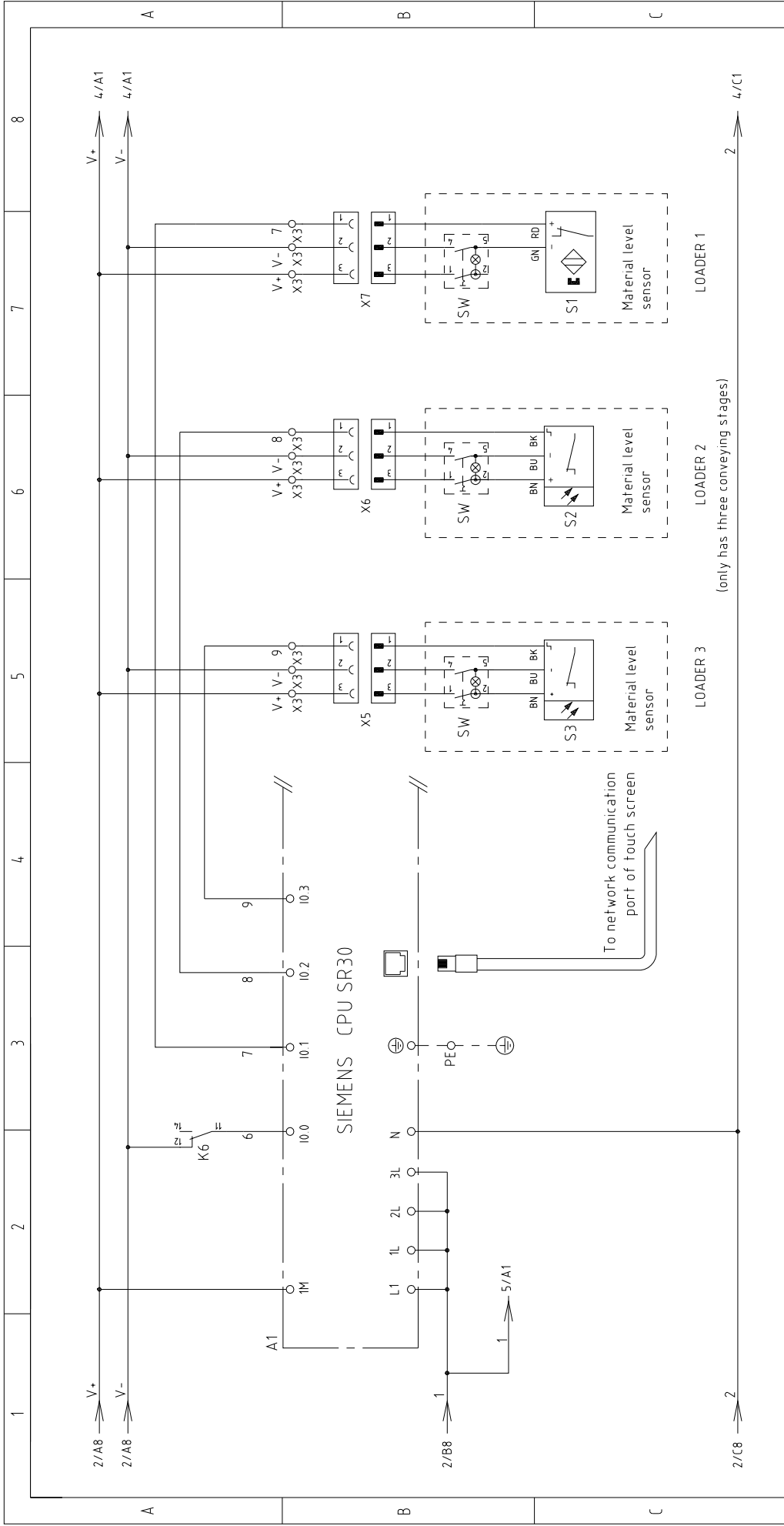
信易電熱機械股份有限公司
Shini Plastics Technologies, Inc.



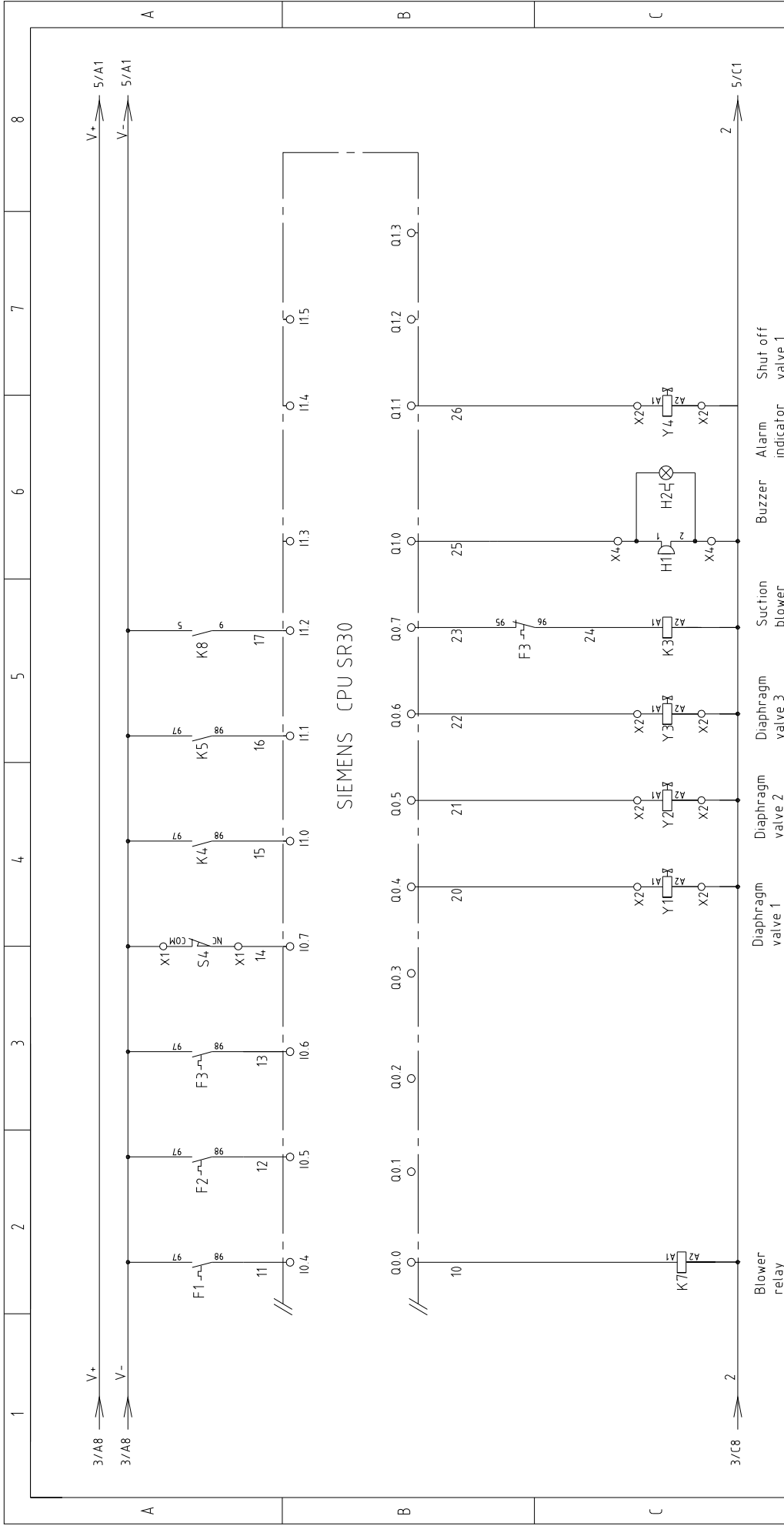
整机版本 Ver.E

D	Mark	Before modification	Modified by	2	3	4	5	6	7	8
	Modified after modification	Modified by	20181009	4	5	6	7	8		
D	Drawer	Designer	Proofread by	4	5	6	7	8		
	Checked by	20181009	4	5	6	7	8			
D	Version	0	Approved by	4	5	6	7	8		
	Version	0	Approved by	4	5	6	7	8		
D	Title	SCD-120U(160U)/80H-LC		5	6	7	8			
	Title	Electrical Diagram 1		5	6	7	8			
D	Drawing NO.	SCD-120U(160U)/80H-LC-CE-230V-0-1		5	6	7	8			
	Drawing NO.	SCD-120U(160U)/80H-LC-CE-230V-0-1		5	6	7	8			
D	Scale	Standard	CE	5	6	7	8			
	Scale	Standard	CE	5	6	7	8			
D	Page	1	Page	1	6	7	8			
	Page	1	Page	1	6	7	8			
D	Totally	10	Totally	10	6	7	8			
	Totally	10	Totally	10	6	7	8			
D	Voltage	230V	Voltage	230V	6	7	8			
	Voltage	230V	Voltage	230V	6	7	8			
D	Frequency	50HZ	Frequency	50HZ	6	7	8			
	Frequency	50HZ	Frequency	50HZ	6	7	8			





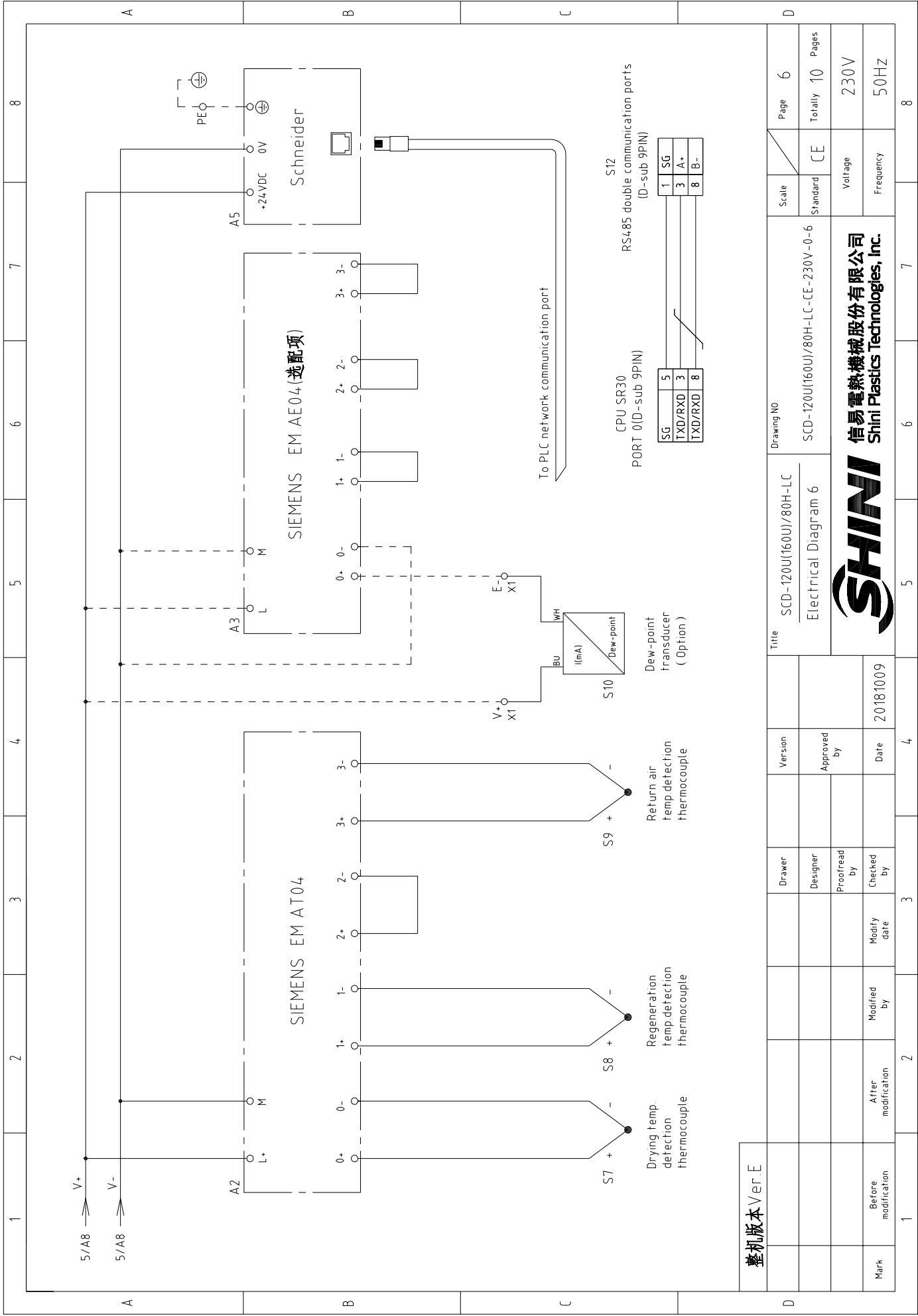
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		SCD-120U(160U)/80H-LC		Standard	Totally	3
		Electrical Diagram 3		CE	Pages	10
		SCD-120U(160U)/80H-LC-CE-230V-0-3		Voltage	Frequency	230V
		SHINI 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.				50HZ
Mark	Before modification	Modified by	Modify date	Checked by	Date	4
					20181009	
	After modification					5
						6
						7
						8



Note: When not optional with M2, the Line No.21 is changed to Line No.22.

整机版本 Ver.E		Drawing NO		Page 4	
		Title		Scale	
		SCD-120U(160U)/80H-LC		Standard	
		Electrical Diagram 4		CE	
		Version		Voltage	
		Approved by		Frequency	
		Proofread by		230V	
		Checked by		50HZ	
		Modify date		Totally 10 Pages	
		Modified by		20181009	
		After modification		Date	
		Before modification		20181009	
		Mark		Date	
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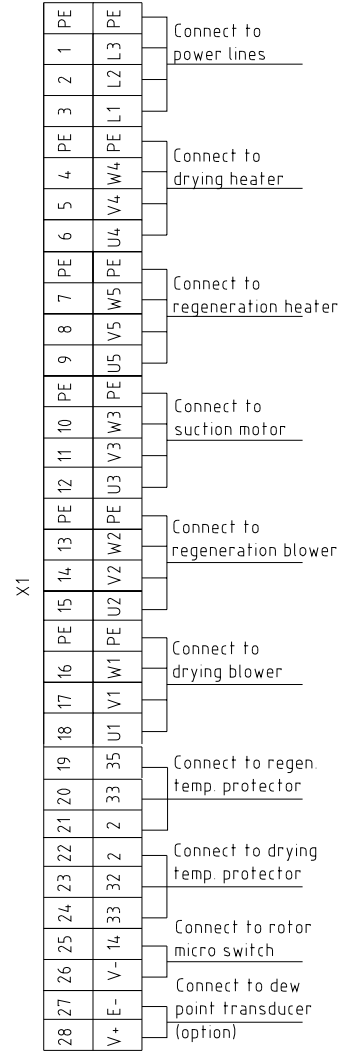
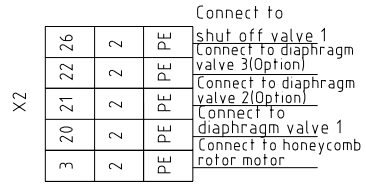
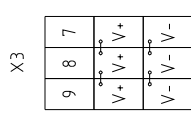
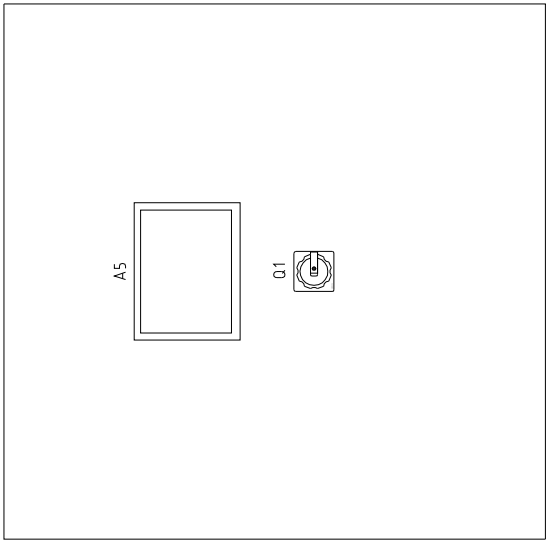
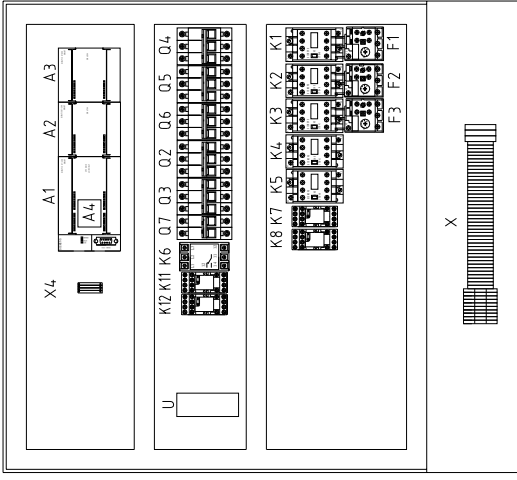
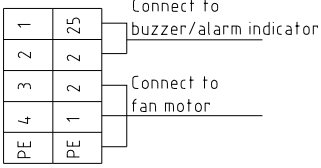
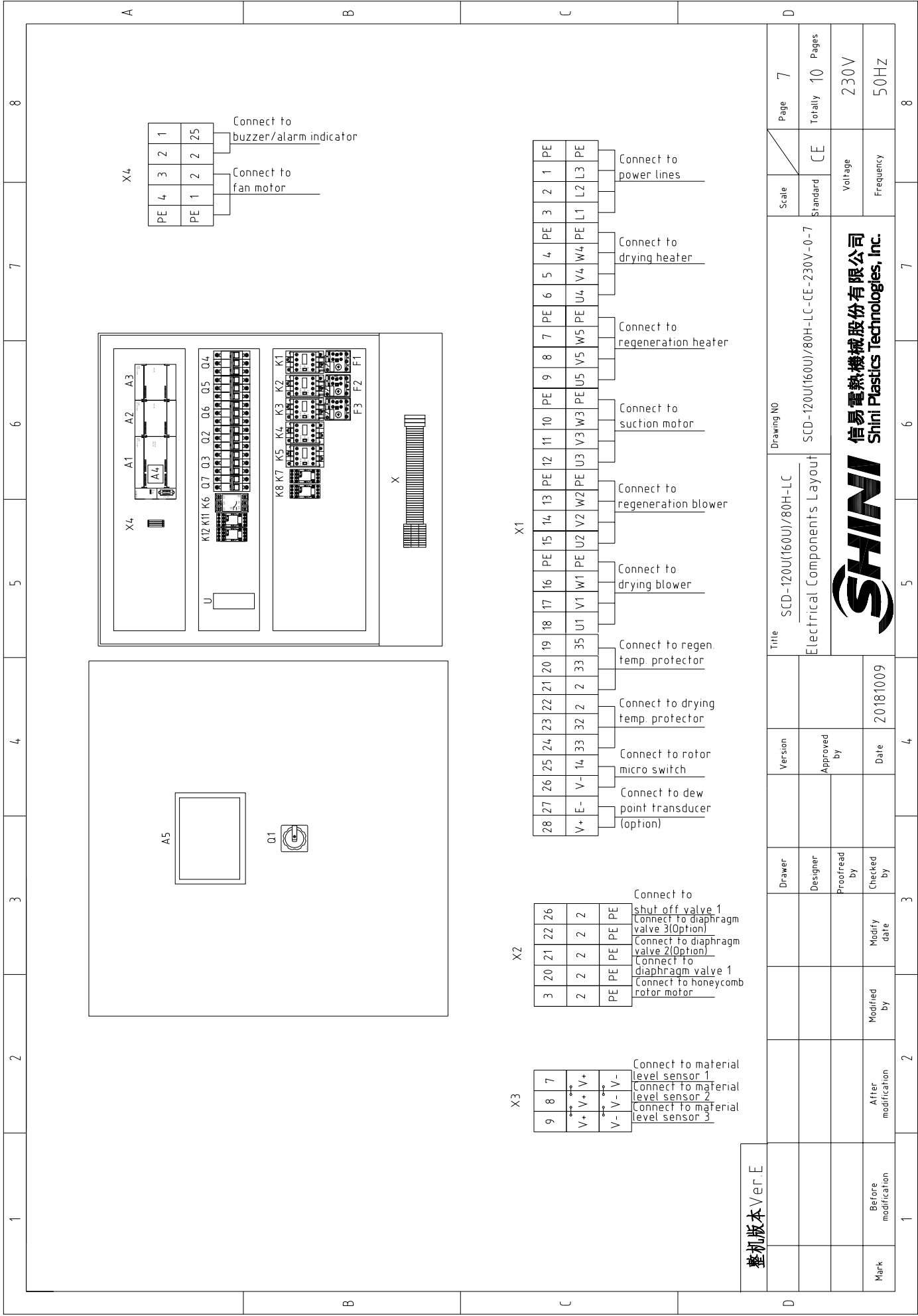
信易電熱機械股份有限公司
Shini Plastics Technologies, Inc.



整机版本 Ver.E

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									SCD-120U(160U)/80H-LC	SCD-120U(160U)/80H-LC-CE-230V-0-6	Standard	6
									Electrical Diagram 6		Standard	Totally 10
											CE	Pages
												230V
												50HZ
												8





整机版本 Ver.E

Mark	Before modification	Modified by	2	1	SHINI 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.	Title	SCD-1200(1600)/80H-LC Electrical Components Layout		Drawing NO.	SCD-1200(1600)/80H-LC-CE-230V-0-7		Scale	Page	7
	After modification	Modified by	2	1			Standard	CE		Totally	10		Pages	
Modified by	20181009	Date	4	5	SHINI 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.	Version	Approved by		230V	Voltage	50HZ	Frequency	230V	50HZ
Checked by	20181009	Date	4	5			SHINI 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.	Version						
Checked by	20181009	Date	4	5	SHINI 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.	Version			Approved by		230V	Voltage	50HZ	Frequency
Checked by	20181009	Date	4	5			SHINI 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.	Version	Approved by					

1	2		3	4	5	6	7	8
NO	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark
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	TECO	MX	220V 50/60Hz	2	YE40023560000	
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	
8	K1 K2 K3	Contacto	SIEMENS	3RT6016-1AN21	9A 220V 50/60Hz	3	YE00601621000	
9	K4	Contacto	SIEMENS	3RT6018-1AN21	16A 220V 50/60Hz	1	YE00601800000	
10	K5	Contacto	SIEMENS	3RT6018-1AN21	16A 220V 50/60Hz	1	YE00601800000	
11	K6	Phase relay	CHAOSHI	ABJ-10W	230V 50/60Hz	1	YE03102200000	
12	K7 K8	Middle relay	WEIDMULLER	DRM270730LT	220V 50/60Hz	2	YE03270700000	
13	K11 K12	Middle relay	WEIDMULLER	DRM270724LT	24V DC	2	YE03272400000	
14	F1	Thermo overload relay	SIEMENS	3RU6116-1FB0	3.5-5A	1	YE01160350000	
15	F2	Thermo overload relay	SIEMENS	3RU6116-1DB0	2.2-3.2A	1	YE01160220000	
16	F3	Thermo overload relay	SIEMENS	3RU6116-1HB0	5.5-8A	1	YE01160550000	
17	A1	PLC	SIEMENS	CPU SR30 AC/DC/RLY	100-230VAC 50/60Hz	1	YE81003006000	
18	A2	PLC Analog module	SIEMENS	EM AT04	--	1	YE82000400300	
19	A3	PLC Analog module	SIEMENS	EM AE04	--	1	YE82000400100	(2)
20	A4	PLC Analog module	SIEMENS	SB DT04	--	1	YE90000401300	
21	A5	Human-machine interface	SCHNEIDER	GX03501	24VDC	1	YE80350100100	
22	U	DC power	MEAN WELL	NES-35-24	OUT=DC24V 15A	1	YE71352400100	
23	S1	Reed switch	FOTEK	FC-12V	24VDC	1	YE15001200000	(1)
24	S2 S3	Photoelectric switch	FOTEK	T18-3MNB-PE	24VDC	2	-----	(1)
25	S4	Micro switch	TEND	LXW5-11G1	250V 5(A)	1	-----	(1)
整机版本 Ver.E Notes: (1)Means it's not the material inside the control box. (2)Stands for optional.								
				Title		Drawing NO		Page
				SCD-120U(160U)/80H-LC		SCD-120U(160U)/80H-LC-CE-230V-0-8		8
				Electrical Components List 1		Standard		CE
						Voltage		230V
						Frequency		50HZ
1	2	3	4	5	6	7	8	8

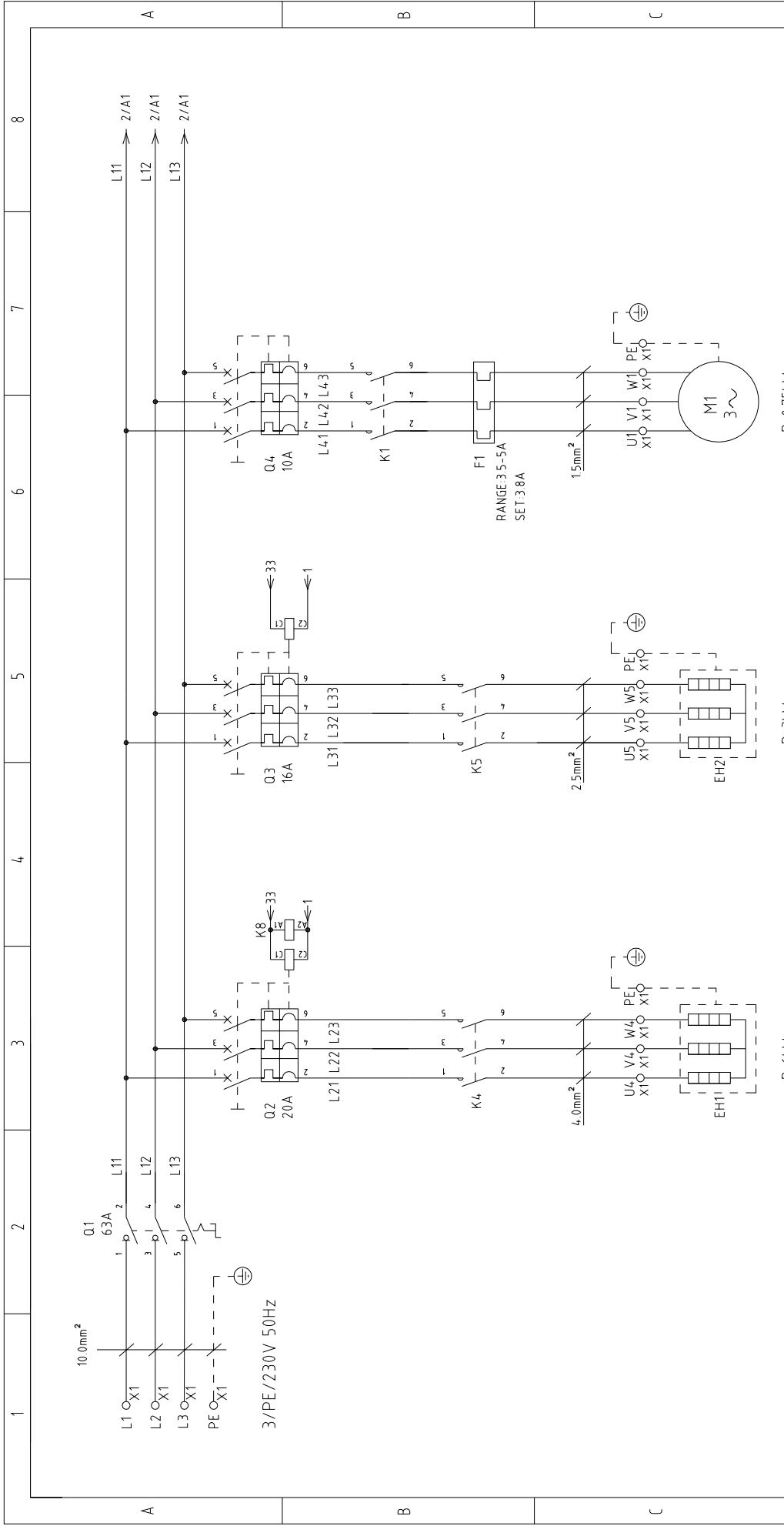


信易電熱機械股份有限公司
Shini Plastics Technologies, Inc.

1		2		3		4		5		6		7		8	
NO	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark							
26	S5	Temperature protector	----	-----	250V 5(4)A	1	-----	(1)							
27	S6	Temperature protector	----	-----	250V 5(4)A	1	-----	(1)							
28	S7 S8 S9	Thermocouple	SHINI	ST-K	K	3	-----	(1)							
29	S10	Dew-point transducer	CS	CS 217-OEM	POWER=24VDC OUT=4-20mA	1	YE90021700100	(1) (2)							
30	Y1-Y4	Solenoid valve	--	MSFW-230-50/60	220V 50/60Hz	4	-----	(1)							
31	H1	Buzzer	HITPOINT	PF-35A	60-250V	1	YE84003500200	(1)							
32	H2	Alarm indicator	SHINI	LED-3051	220V 50/60Hz	1	YE83305100200	(1)							
33	X1 X2 X4	Terminal board	----	6mm ²	65A 690V	3	YE60000603200								
34				6mm ² PE	-	1	YE60000603500								
35		Terminal board	----	4mm ²	4.1A 690V	15	YE60000403200								
36				4mm ² PE	-	5	YE60000403500								
37				2.5mm ²	32A 690V	20	YE60002503200								
38				2.5mm ² PE	-	5	YE60002503400								
39				2.5mm ²	32A 690V	6	YE60002503200	(2)							
40				2.5mm ² PE	-	2	YE60002503400	(2)							
41	X3	Terminal board	----	三层弹簧端子SKZ 5-TL	10A 250V	3	YE60002503600								
42				FBSTB 10-ZDIK RD	10A 250V	3	YE60001000200								
43				SKZ 5-TL	10A 250V	3	YE60002503600								
44	X5 X6 X7	Heavy duty plug-in	WEIN	HDC-HA-004.1	4P 10A	3	YE6804.1000100	(1)							
45	FM	Fan	SUNON	DP-200A	230VAC 40W	1	YM60121004.00	(1)							
46	S10	Communication interface board (double Dsub-9pin connector)	----	----	----	1	YE90004.8501200	(1)							
47		Shell RS-485(SAL-700G-A-19)0	----	----	----	1	YR4004.8500000	(1)							
48	M1	Blower	SHINI	-----	230V 0.75kW	1	-----	(1)							
49	M2	Blower	SHINI	-----	230V 0.4kW	1	-----	(1)							
50	M3	Blower	SHINI	-----	230V 1.5kW	1	-----	(1)							

1		2		3		4		5		6		7		8	
Mark	Before modification	Alter modification	Modified by	Modified date	Checked by	Date	Version	Title		Drawing NO		Scale	Page	9	
								SCD-120U(160U)/80H-LC		SCD-120U(160U)/80H-LC-CE-230V-0-9		CE	9	Totally 10 Pages	
								Electrical Components List 2				Standard			
								SHINI		信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Voltage	230V		
								20181009				Frequency	50HZ		

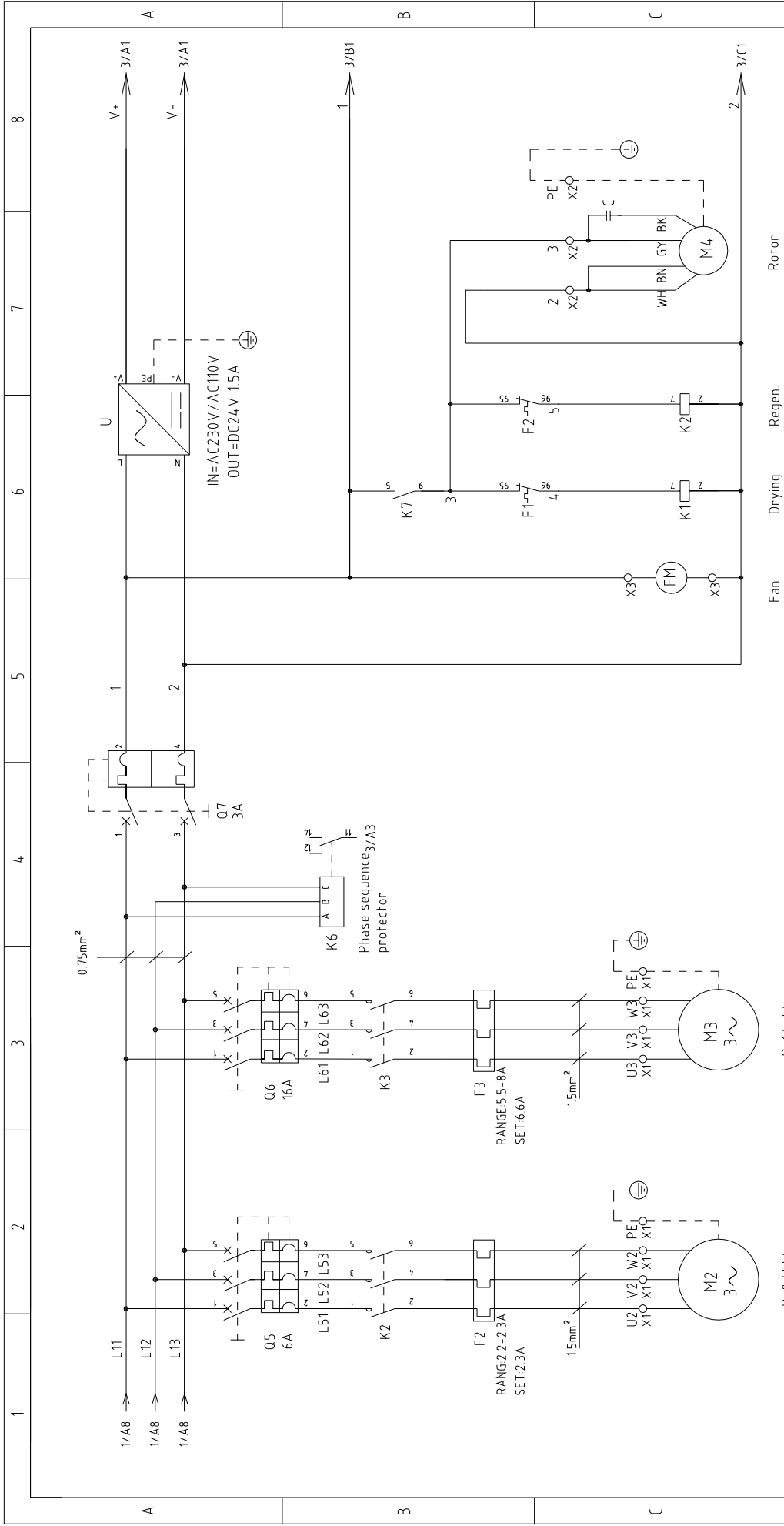
整机版本 Ver.E Notes: (1)Means it's not the material inside the control box. (2)Stands for optional.



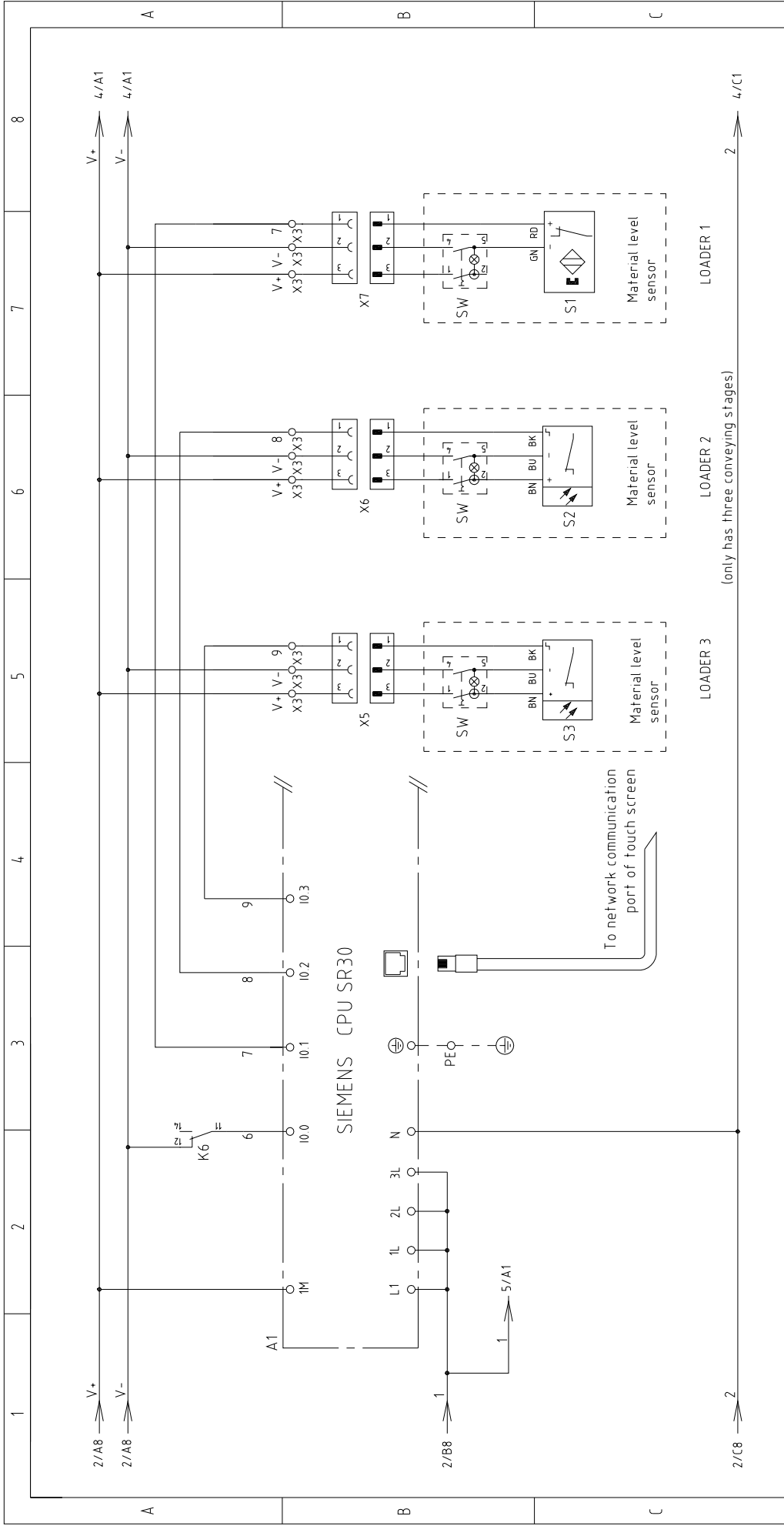
Note: Regeneration heater changed to 4kW when it is 60Hz

160U/120H整机版本 Ver.E		230U/120H整机版本 Ver.D		Title SCD-160U(230U)/120H-LC Electrical Diagram 1		Drawing NO. SCD-160U(230U)/120H-LC-CE-230V-H-1	
Mark	Before modification	Modified by	Modified date	Proofread by	Designer	Drawer	Version H
							Approved by
							Date 20181009
				Scale		Page 1	
				Standard		Totally 10 Pages	
				Voltage		230V	
				Frequency		50HZ	


SHINI
信易电热机械股份有限公司
Shini Plastics Technologies, Inc.

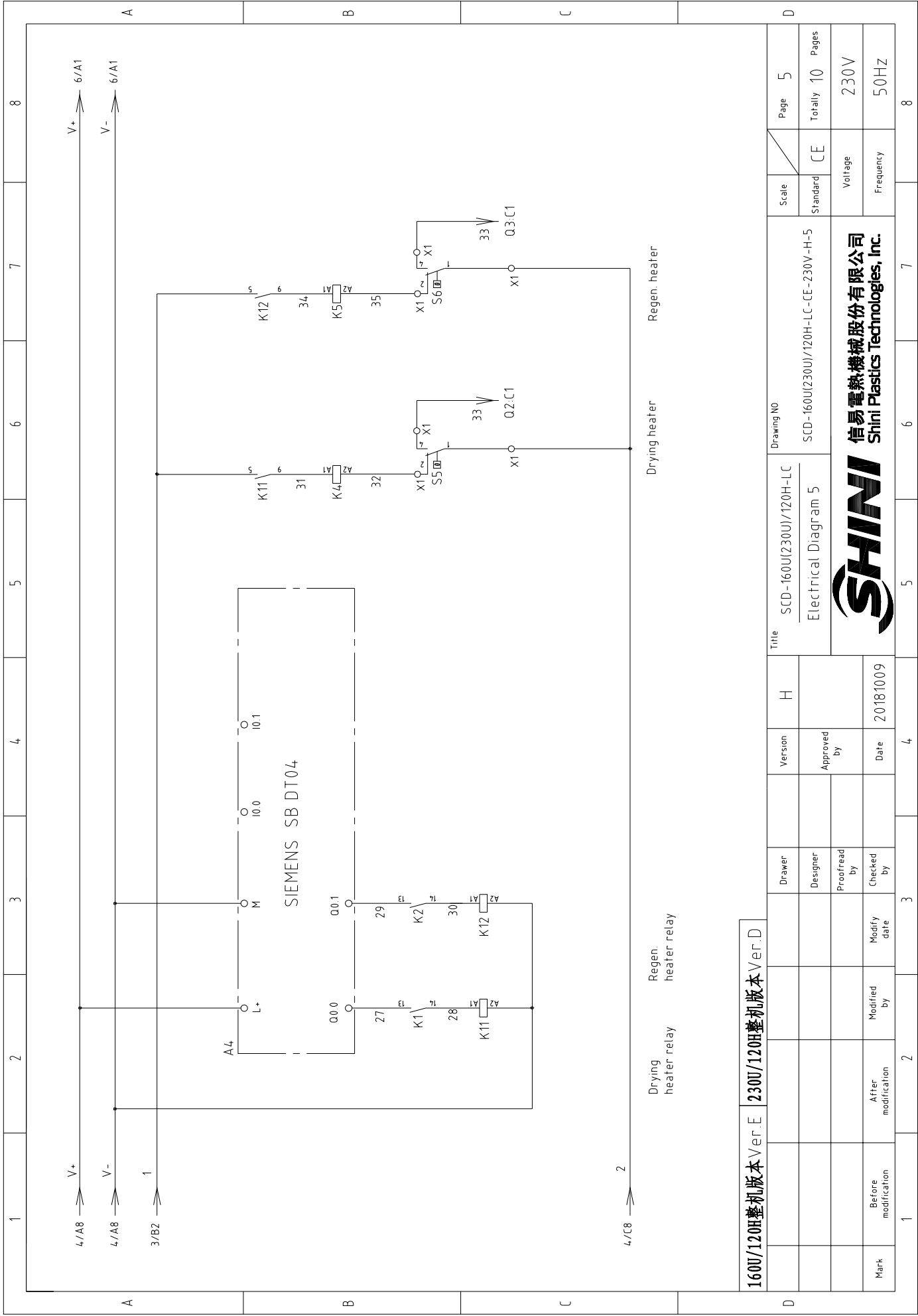


160U/120H 整机版本 Ver.E		230U/120H 整机版本 Ver.D		Title		SCD-160U(230U)/120H-LC		Drawing NO.		SCD-160U(230U)/120H-LC-CE-230V-H-2		Scale		Page 2	
				Version		H		Approved by		Standard		CE		Totally 10 Pages	
Mark		Before modification		Modified by		Modify date		Proofread by		Checked by		Voltage		230V	
						20181009						Frequency		50HZ	
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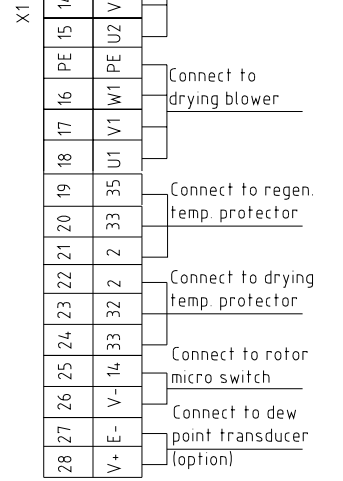
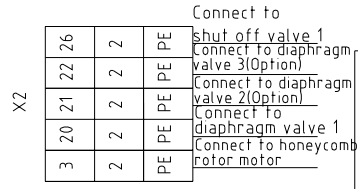
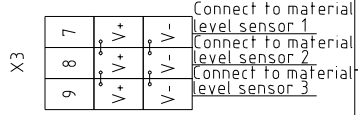
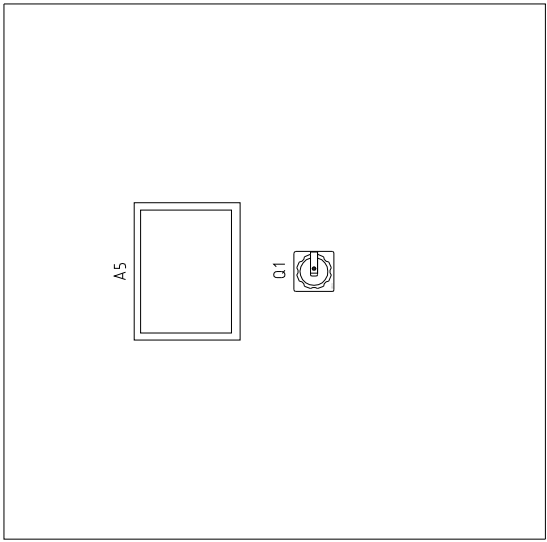
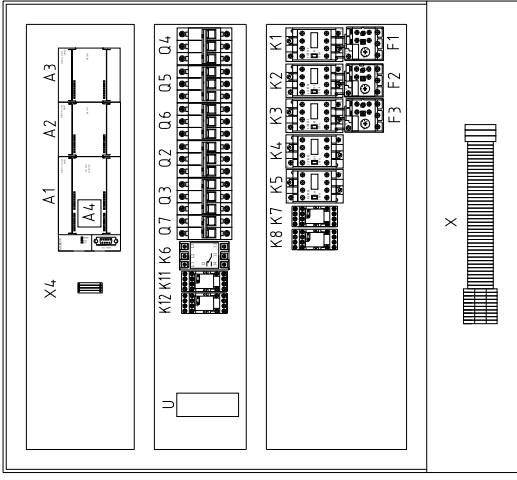
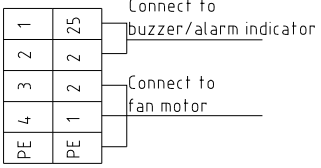
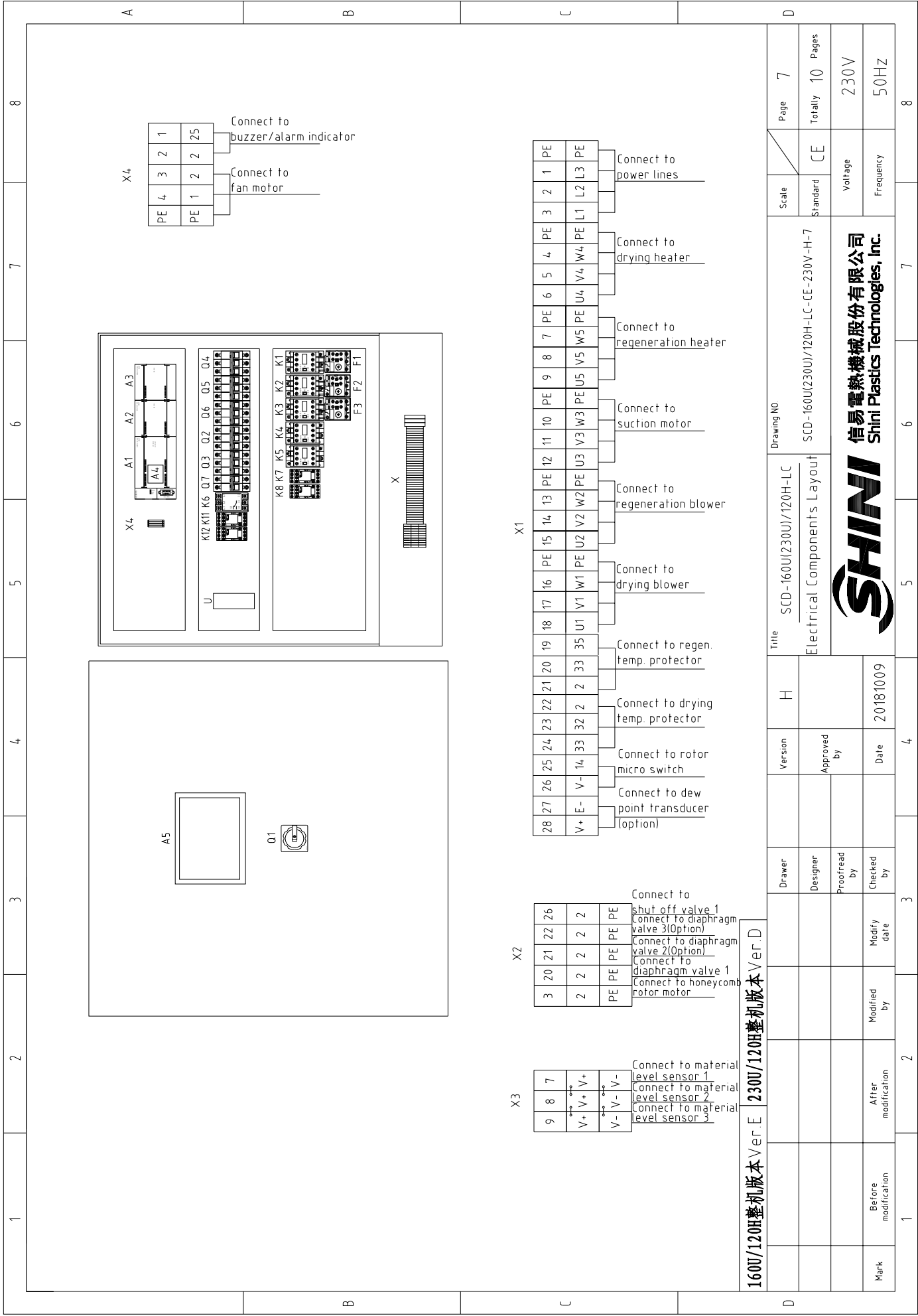
160U/120H整机版本 Ver.E 230U/120H整机版本 Ver.D

Mark	Before modification	Modified by	Modified date	Checked by	Proofread by	Designer	Drawer	Version	H	Title	SCD-160U(230U)/120H-LC Electrical Diagram 3		Drawing NO.	SCD-160U(230U)/120H-LC-CE-230V-H-3	Scale	CE	Page	3
	After modification							Approved by							Standard		Totally	10
								Date	20181009	 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.							Voltage	230V



160U/120H 整机版本 Ver.E 230U/120H 整机版本 Ver.D

Mark	Before modification	Modified by	Modify date	Version	H	Title	Scale		Page	
	After modification	Modified by	Modify date				Standard	CE		Totally
Drawing NO. SCD-160U(230U)/120H-LC Electrical Diagram 5 SCD-160U(230U)/120H-LC-CE-230V-H-5							Standard	CE	Totally	Pages
SHINI 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.							Voltage	230V	Frequency	50HZ
1	2	3	4	5	6	7	8	8	8	



160U/120H整机版本 Ver.E 230U/120H整机版本 Ver.D

Mark	Before modification	After modification	Date	20181009	Version	H	Title	Drawing NO.		Scale	Page
	Modified by	Modified by						Electrical Components Layout	SCD-160U(230U)/120H-LC		Standard
								SCD-160U(230U)/120H-LC-CE-230V-H-7	CE	7	Pages
											Totally
											10
											Voltage
											230V
											Frequency
											50HZ
											8



1	2		3	4	5	6	7	8
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark
1	Q1	Main power switch	EATON	P3-63-EA/SVB	63A	1	YE10163630000	
2	Q2	Circuit-breaker	TECO	BM-63C 3P	20A	1	YE40302003000	
3	Q3 Q6	Circuit-breaker	TECO	BM-63C 3P	16A	2	YE40301603000	
4		Excitation release	TECO	MX	220V 50/60Hz	2	YE40023560000	
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	
8	K1 K2 K3	Contacto	SIEMENS	3RT6016-1AN21	9A 220V 50/60Hz	3	YE00601621000	
9	K4	Contacto	SIEMENS	3RT6026-1AN21	25A 220V 50/60Hz	1	YE00602622000	
10	K5	Contacto	SIEMENS	3RT6018-1AN21	16A 220V 50/60Hz	1	YE00601800000	
11	K6	Phase relay	CHAOSHI	ABJ-10W	230V 50/60Hz	1	YE03102200000	
12	K7 K8	Middle relay	WEIDMULLER	DRM270730LT	220V 50/60Hz	2	YE03270700000	
13	K11 K12	Middle relay	WEIDMULLER	DRM270724LT	24V DC	2	YE03272400000	
14	F1	Thermo overload relay	SIEMENS	3RU6116-1FB0	3.5-5A	1	YE01160350000	
15	F2	Thermo overload relay	SIEMENS	3RU6116-1DB0	2.2-3.2A	1	YE01160220000	
16	F3	Thermo overload relay	SIEMENS	3RU6116-1HB0	5.5-8A	1	YE01160550000	
17	A1	PLC	SIEMENS	CPU SR30 AC/DC/RLY	100-230VAC 50/60Hz	1	YE81003006000	
18	A2	PLC Analog module	SIEMENS	EM AT04	--	1	YE82000400300	
19	A3	PLC Analog module	SIEMENS	EM AE04	--	1	YE82000400100	(2)
20	A4	PLC Analog module	SIEMENS	SB DT04	--	1	YE90000401300	
21	A5	Human-machine interface	SCHNEIDER	GX03501	24VDC	1	YE80350100100	
22	U	DC power	MEAN WELL	NES-35-24	OUT=DC24V 15A	1	YE71352400100	
23	S1	Reed switch	FOTEK	FC-12V	24VDC	1	YE15001200000	(1)
24	S2 S3	Photoelectric switch	FOTEK	T18-3MNB-PE	24VDC	2	-----	(1)
25	S4	Micro switch	TEND	LXW5-11G1	250V 5(4)A	1	-----	(1)
1600U/120H整機版本 Ver.E					2300/120H整機版本 Ver.D		Notes: (1)Means it's not the material inside the control box. (2)Stands for optional.	
				Title	SCD-160U(230U)/120H-LC	Drawing NO	SCD-160U(230U)/120H-LC-CE-230V-H-8	Scale
				Version	H	Electrical Components List 1	Standard	CE
				Designer	Approved by	Voltage	230V	Page
				Checked by	Date	Frequency	50HZ	8
				Modify date	20181009	Totally	10	Pages
Mark	Before modification	Alter modification	Modified by	20181009	Date	Voltage	230V	Frequency
1	2	3	4	5	6	7	8	8



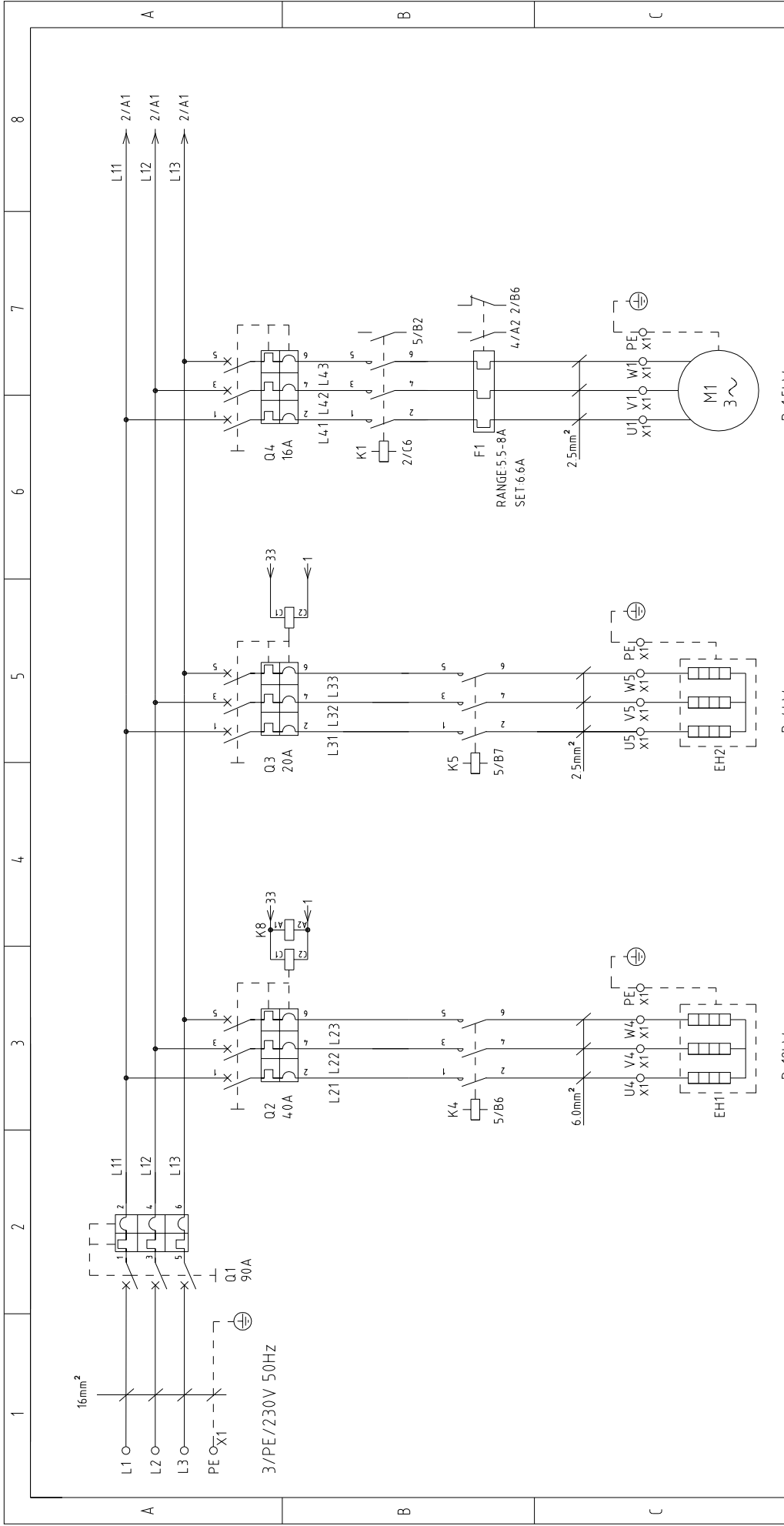
信易電熱機械股份有限公司
Shini Plastics Technologies, Inc.

1		2		3		4		5		6		7		8					
NO	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark	A		B		C		D				
									Before modification	Alter modification	Modified by	Modified date	Checked by	Date	Proofread by	Approved by	Version	H	Title
26	S5	Temperature protector	----	----	250V 5(4)A	1	----	(1)											
27	S6	Temperature protector	----	----	250V 5(4)A	1	----	(1)											
28	S7 S8 S9	Thermocouple	SHINI	ST-K	K	3	----	(1)											
29	S10	Dew-point transducer	CS	CS 217-OEM	POWER=24VDC OUT=4-20mA	1	YE90021700100	(1) (2)											
30	Y1-Y4	Solenoid valve	--	MSFW-230-50/60	220V 50/60Hz	4	----	(1)											
31	H1	Buzzer	HITPOINT	PF-35A	60-250V	1	YE84003500200	(1)											
32	H2	Alarm indicator	SHINI	LED-3051	220V 50/60Hz	1	YE83305100200	(1)											
33	X1 X2 X4	Terminal board	----	10mm ²	76A 690V	3	YE60001003200												
34				10mm ² PE	-	1	YE60001003500												
35		Terminal board	----	4mm ²	4.1A 690V	15	YE60000403200												
36				4mm ² PE	-	5	YE60000403500												
37				2.5mm ²	32A 690V	20	YE60002503200												
38				2.5mm ² PE	-	5	YE60002503400												
39				2.5mm ²	32A 690V	6	YE60002503200	(2)											
40				2.5mm ² PE	-	2	YE60002503400	(2)											
41	X3	Terminal board	----	三层弹簧端子SKZ 5-TL	10A 250V	3	YE60002503600												
42				FBSTB 10-ZDIK RD	10A 250V	3	YE60001000200												
43				SKZ 5-TL	10A 250V	3	YE60002503600												
44	X5 X6 X7	Heavy duty plug-in	WEIN	HDC-HA-004.1	4P 10A	3	YE6804.1000100	(1)											
45	FM	Fan	SUNON	DP-200A	230VAC 40W	1	YM601212004.00	(1)											
46	S10	Communication interface board RS-485 (double Dsub-9pin connector)	----	----	----	1	YE90004.8501200	(1)											
47		Shell RS-485(SAL-700G-A-19)0	----	----	----	1	YR4004.8500000	(1)											
48	M1	Blower	SHINI	----	230V 0.75kW	1	----	(1)											
49	M2	Blower	SHINI	----	230V 0.4kW	1	----	(1)											
50	M3	Blower	SHINI	----	230V 1.5kW	1	----	(1)											
1600U/120H整机版本 Ver.E										2300U/120H整机版本 Ver.D									
Notes: (1)Means it's not the material inside the control box. (2)Stands for optional.																			
		Drawer		Designer		Proofread by		Checked by		Version		H		Title		Scale		Page	
														SCD-1600U(230U)/120H-LC		Standard		9	
														Electrical Components List 2		CE		10	
														SCD-1600U(230U)/120H-LC-CE-230V-H-9		Voltage		230V	
														SHINI		Frequency		50HZ	
														信易电热机械股份有限公司 Shini Plastics Technologies, Inc.					
Mark		Before modification		Alter modification		Modified by		Modified date		Checked by		Date		SHINI				20181009	
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
51	M4	Motor	----	-----	230V 0.015kW	1	-----	(1)
52	EH1	Heater	SHINI	-----	230V 6kW	1	-----	(1)
53	EH2	Heater	SHINI	-----	230V 3kW	1	----- 60Hz: 4kw	(1)
54		Super five classes network wire jumper	----	-----	2M	1	YE90000201600	
55		Terminal fixed fittings	HONEYWELL	-----	-----	5	YE600000003900	
A								
B								
C								
D								
1600U/120H整机版本 Ver.E 230U/120H整机版本 Ver.D Notes: (1)Means it's not the material inside the control box. (2)Stands for optional.								
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			Designer	Approved by		Drawing NO. SCD-160U(230U)/120H-LC-CE-230V-H-10		Page 10
			Proofread by			Electrical Components List 3		Standard CE
			Checked by	Date	20181009			Totally 10
			Modified by					Pages
			Alter modification					Voltage 230V
			Modified date					Frequency 50HZ
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信易電熱機械股份有限公司
Shini Plastics Technologies, Inc.

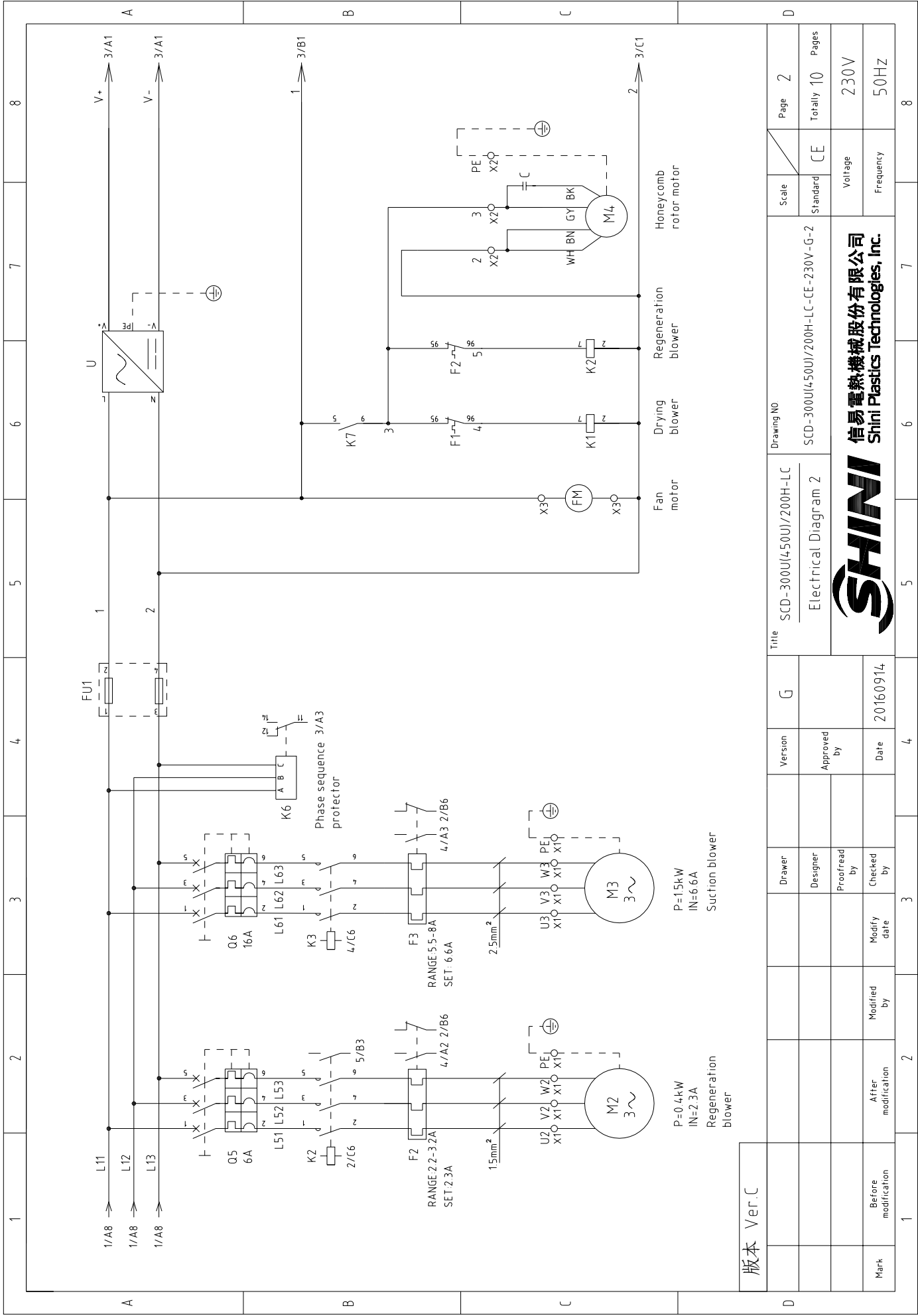


P=12kW
 IN=31A
 Drying heater

P=4kW
 IN=10A
 Regeneration heater

P=1.5kW
 IN=6.6A
 Drying blower

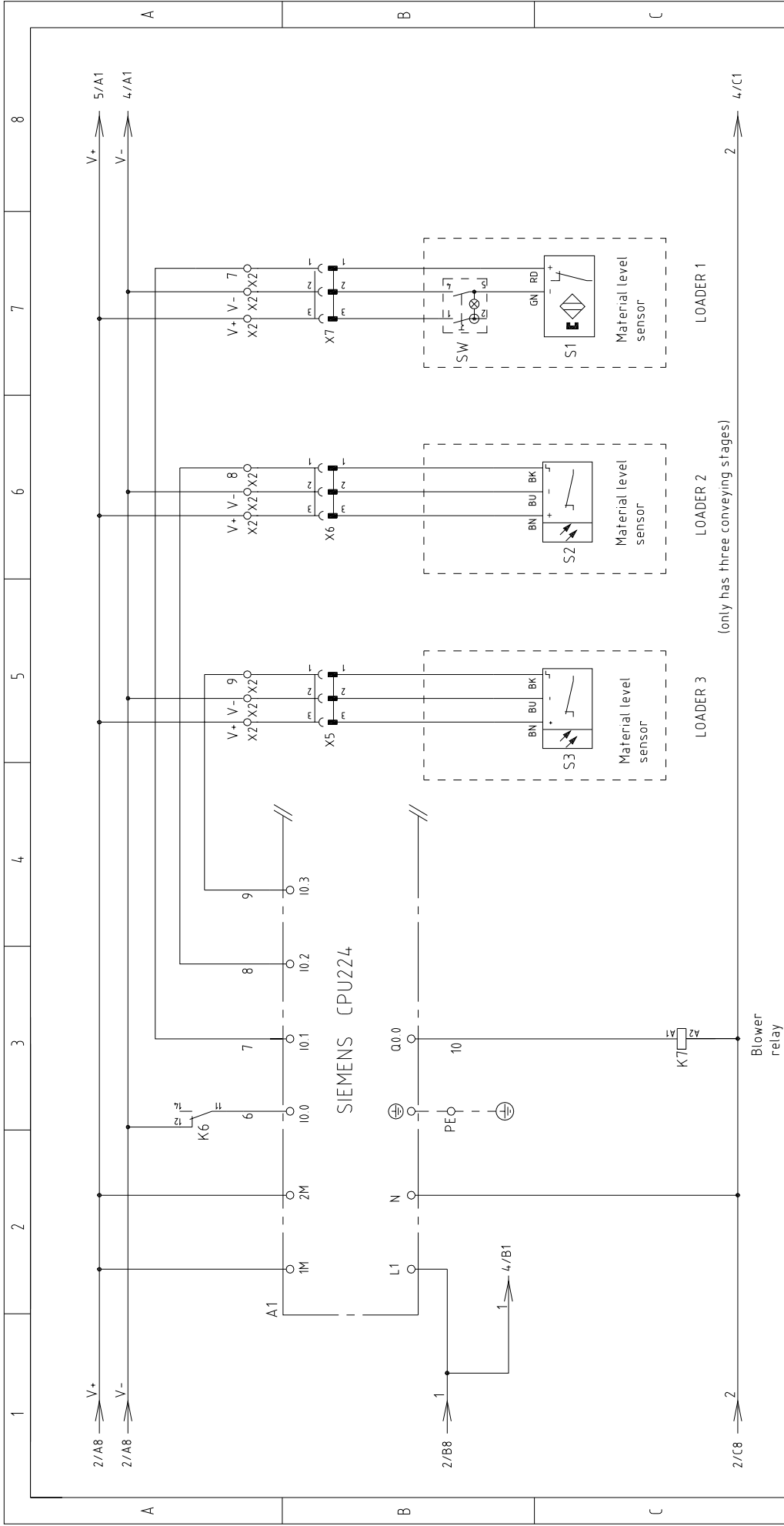
版本 Ver.C		Note: For 60Hz, the regenerative heater is 6kW					
D		G		Title		Scale	
		Version		SCD-3000U(450U)/200H-LC		Standard	
		Approved by		Electrical Diagram 1		CE	
		Date		SCD-3000U(450U)/200H-LC-CE-230V-G-1		Page	
		20160914				Totally 10	
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Before modification		Modify date		230V		50HZ	
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5		6		7		8	
SHINI		信易電熱機械股份有限公司		Shini Plastics Technologies, Inc.			
Drawing NO.		Page		Page		Page	
		1		10		10	



版本 Ver.C

Title		Drawing NO.		Scale	Page
SCD-300U(450U)/200H-LC		SCD-300U(450U)/200H-LC-CE-230V-G-2		Standard	2
Electrical Diagram 2		CE		Totally	10
Voltage		Frequency		Pages	
230V		50HZ		10	
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Proofread by		Approved by		Version	
Designer		G		4	
Drawer		G		3	
Version		G		4	
Title		Drawing NO.		Scale	Page
SCD-300U(450U)/200H-LC		SCD-300U(450U)/200H-LC-CE-230V-G-2		Standard	2
Electrical Diagram 2		CE		Totally	10
Voltage		Frequency		Pages	
230V		50HZ		10	
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Before modification		After modification		20160914	
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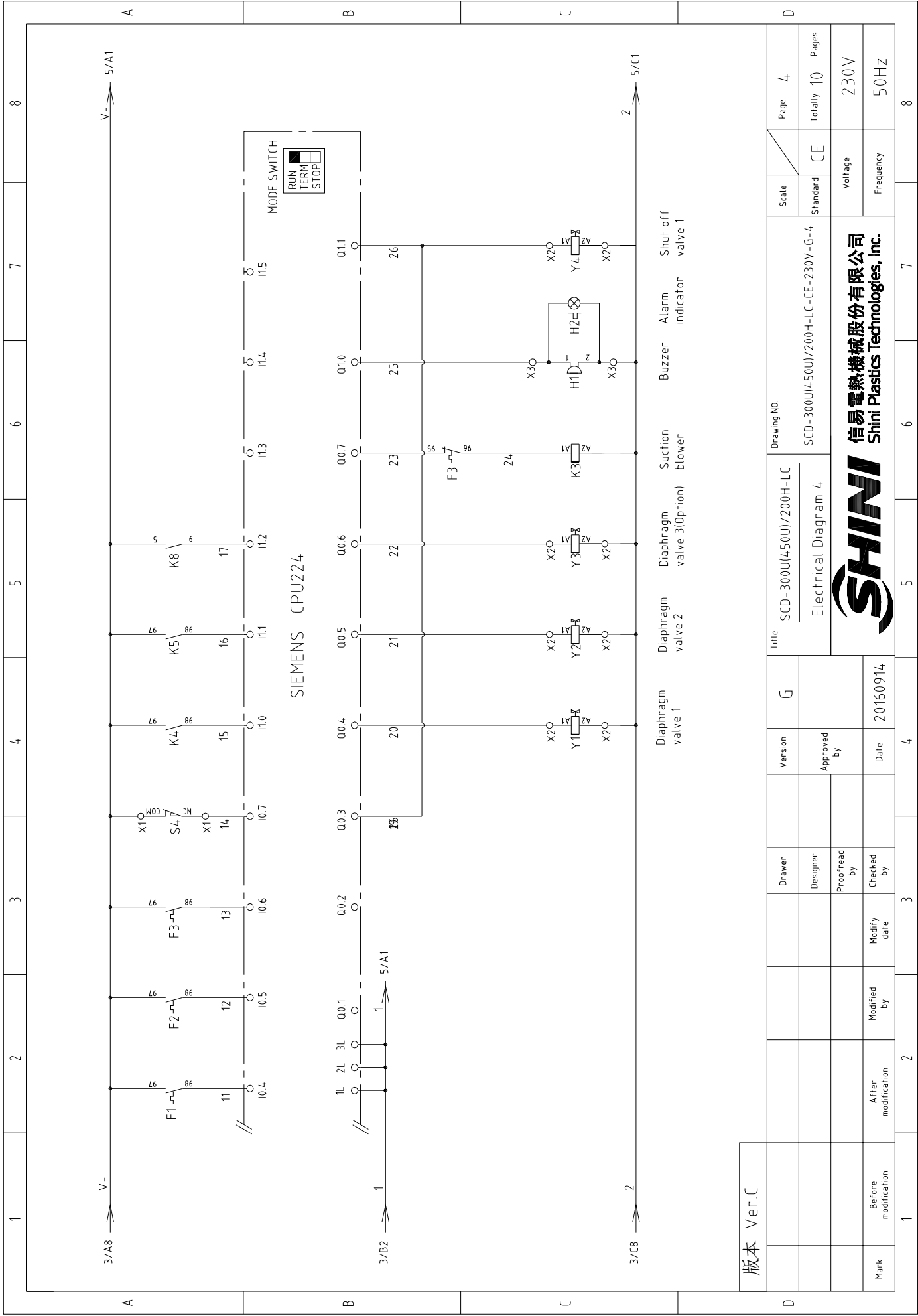




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Approved by				Electrical Diagram 3				Standard		CE		Standard		Totally 10 Pages	
Date		20160914						Voltage		230V		Frequency		50HZ	
Modified by															
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版本 Ver.C

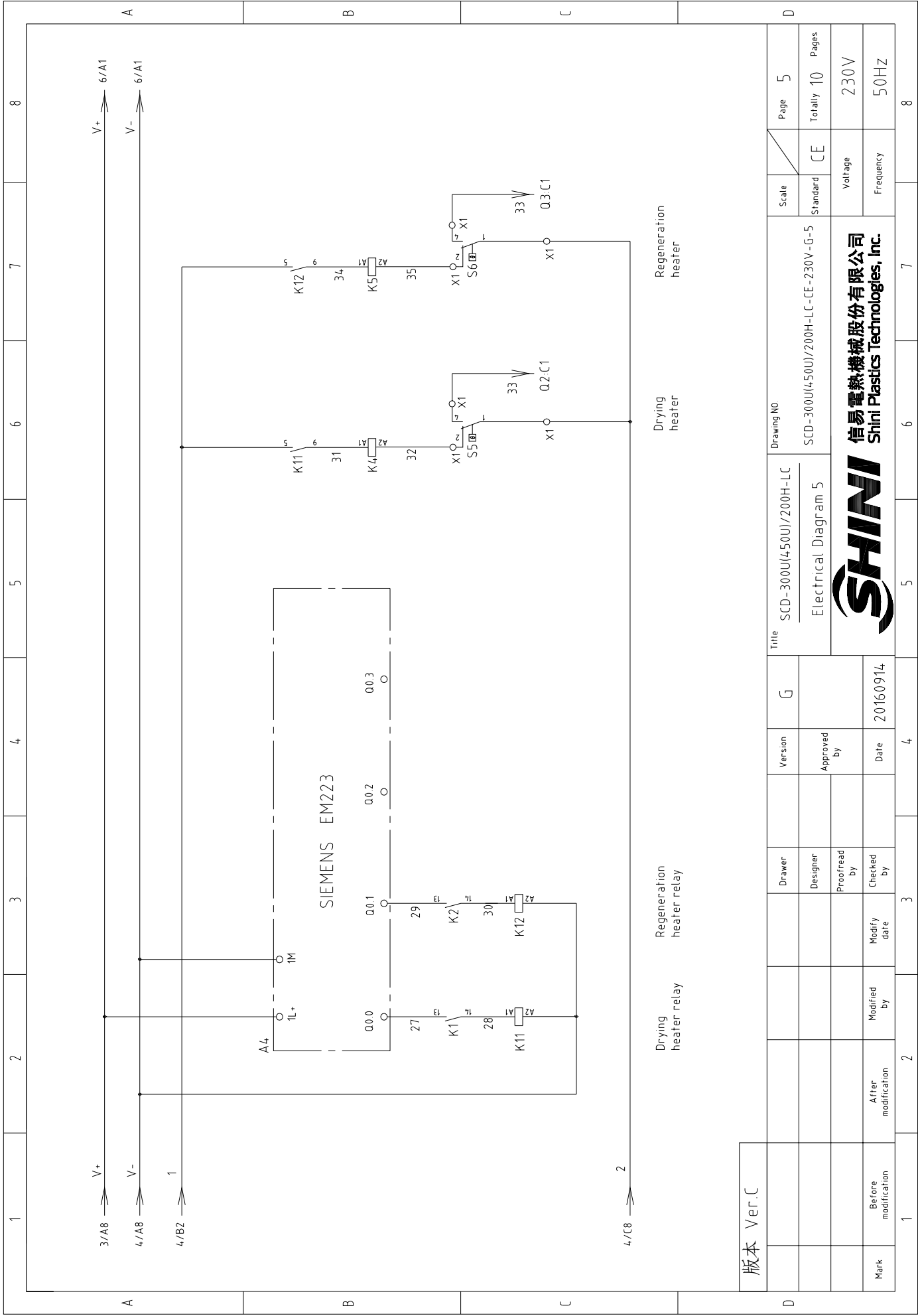


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					20160914																



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Shini Plastics Technologies, Inc.

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Mark	Before modification	Alter modification	Modified by	20160914	Date
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			Designer		Version
			Drawer	G	Title


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

Scale	Standard	CE	Page	5
			Totally	10
			Pages	
			Voltage	230V
			Frequency	50HZ

版本 Ver.C

Drawing NO.

SCD-300U(450U)/200H-LC
Electrical Diagram 5

SCD-300U(450U)/200H-LC-CE-230V-G-5

Standard

CE

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Totally

Pages

Voltage

Frequency

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50HZ

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Totally

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230V

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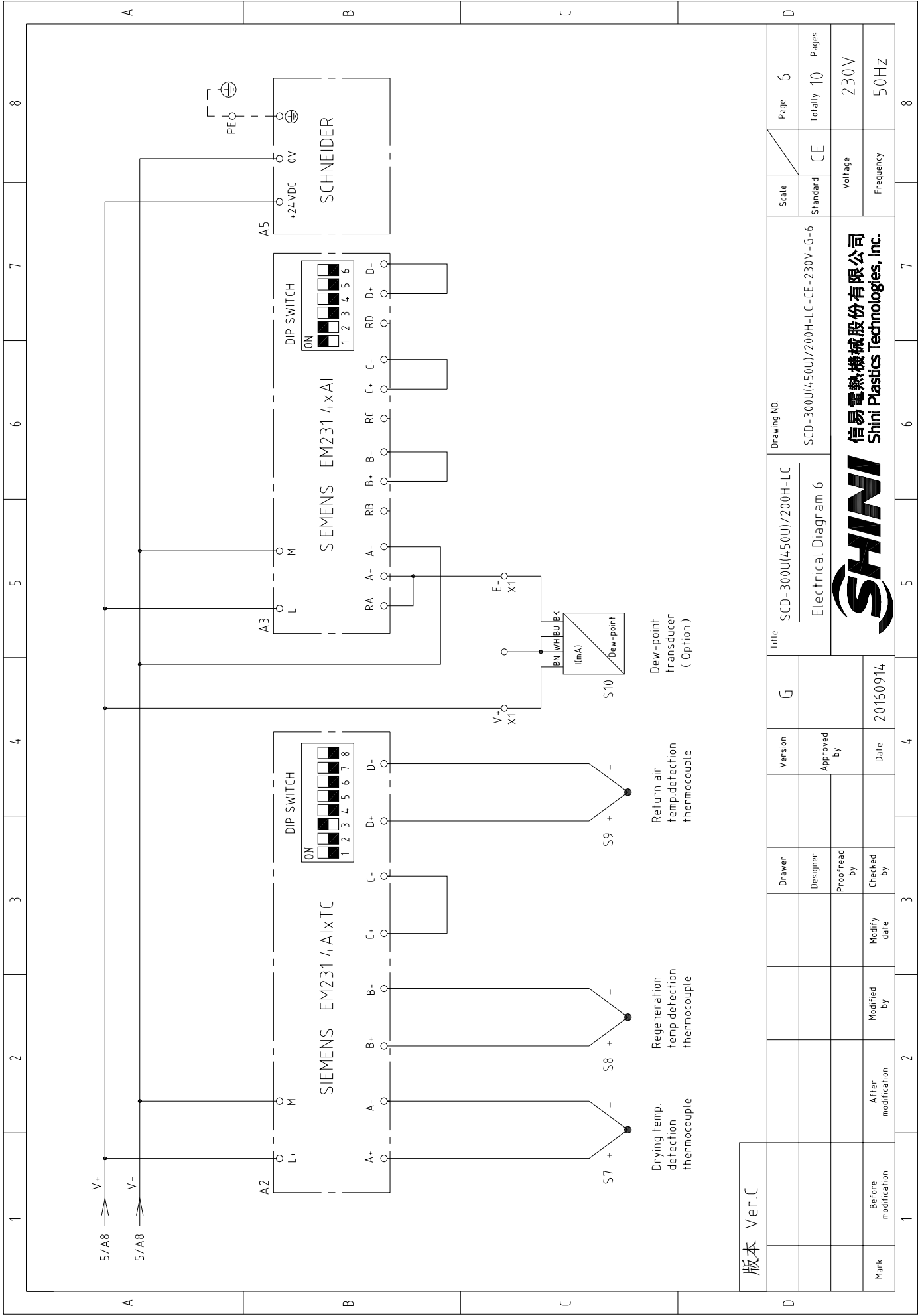
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Pages

230V

50HZ

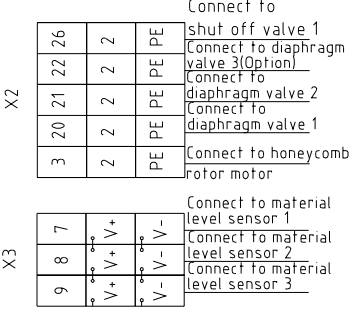
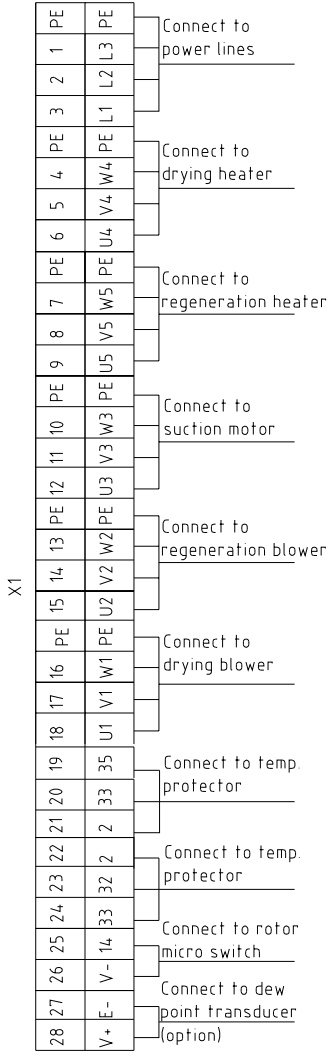
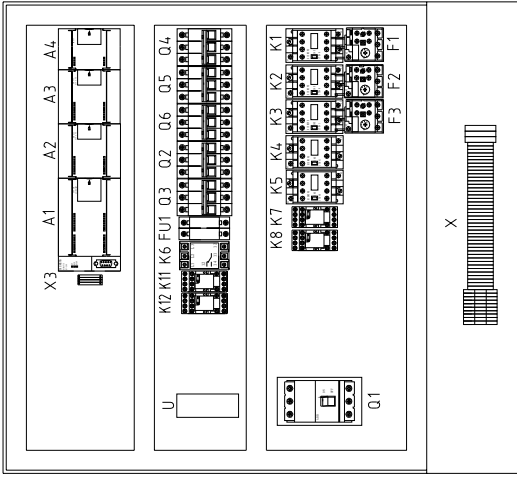
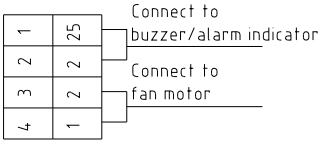
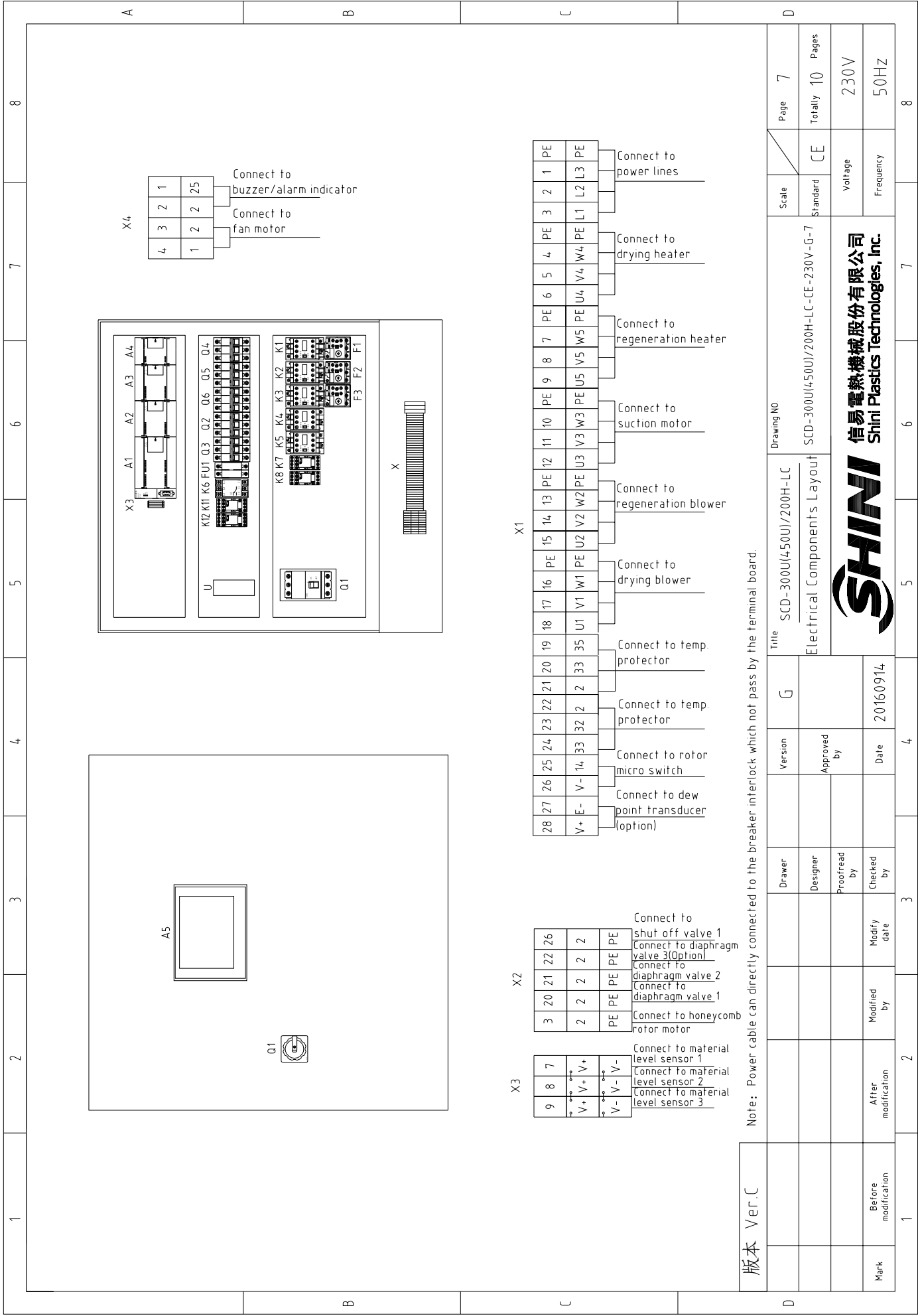
Standard



版本 Ver.C

1	2	3	4	5	6	7	8
Mark		Before modification	Modified by	20160914	Date		
Checked by		Approved by			Version		
Proofread by		G			Title		
Designer		SCD-300U(450U)/200H-LC			Drawing NO.		
Drawer		Electrical Diagram 6			Standard		
Scale		CE			Page		
Voltage		230V			Totally		
Frequency		50HZ			Pages		
1		2			3		
4		5			6		
7		8			9		
10		11			12		





Note: Power cable can directly connected to the breaker interlock which not pass by the terminal board.

版本	Ver.C
Drawer	
Designer	
Proofread by	
Checked by	
Modified by	
Modify date	
After modification	
Mark	

Title SCD-300U(450U)/200H-LC

Version G

Approved by

Date 20160914

SHINI

Drawing NO. SCD-300U(450U)/200H-LC-CE-230V-G-7

Electrical Components Layout

Scale Standard

Page 7

Totally 10 Pages

CE

Voltage 230V

Frequency 50HZ

SHINI

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	
									A
1	Q1	Main switch	ABB	A1A125TMF90	90A	1	YE41109200000		
2	Q2	Circuit-breaker	TECO	BM-63C 3P	40A	1	YE40304003000		
3	Q3	Circuit-breaker	TECO	BM-63C 3P	20A	1	YE40302003000		
4		Excitation release	CHINT	MX	220V 50/60Hz	2	YE40023560000		
5	Q4 Q5	Circuit-breaker	TECO	BM-63C 3P	16A	2	YE40301603000		
6	Q6	Circuit-breaker	TECO	BM-63C 3P	6A	1	YE40300603000		
7	K1	Contact	SIEMENS	3RT6016-1AN21	220V 50/60Hz	1	YE00601621000		
8	K2	Contact	SIEMENS	3RT6016-1AN21	220V 50/60Hz	1	YE00601621000		
9	K3	Contact	SIEMENS	3RT6016-1AN21	220V 50/60Hz	1	YE00601621000		
10	K4	Contact	SIEMENS	3RT6028-1AN20	220V 50/60Hz	1	YE00602822000		
11	K5	Contact	SIEMENS	3RT6018-1AN21	220V 50/60Hz	1	YE00601821000		
12	K6	Phase relay	CHAOSHI	ABJ-10W	230V 50/60Hz	1	YE03102200000		
13	K7 K8	Middle relay	WEIDMULLER	DRM270730LT	220V 50/60Hz	2	YE03270700000		
14	K11 K12	Middle relay	WEIDMULLER	DRM270724LT	24V DC	2	YE032724-00000		
15	F1	Thermo overload relay	SIEMENS	3RU6116-1HB0	5.5-8A	1	YE01160550000		
16	F2	Thermo overload relay	SIEMENS	3RU6116-1DB0	2.2-3.2A	1	YE01160220000		
17	F3	Thermo overload relay	SIEMENS	3RU6116-1HB0	5.5-8A	1	YE01160550000		
18	A1	PLC	SIEMENS	CPU224 AC/DC/RLY	100-230VAC 50/60Hz	1	YE810224.00100		
19	A2	PLC Expansion module	SIEMENS	EM231 4xTC	--	1	YE82023100100		
20	A3	PLC Expansion module	SIEMENS	EM231 4xAI	--	1	YE82023100000	(2)	
21	A4	PLC Expansion module	SIEMENS	EM223	4-in 24VDC,4-out 24VDC,transistor-out	1	YE82022300200		
22	A5	Human-machine interface	SCHNEIDER	GXU3512	24VDC	1	YE80351200200		
23	FU1	Fuse base	CHINT	RT18-32	2P	1	YE41032200000		
24		Fuse	CHINT	10x38 500V	2A	2	YE46002000100		
25	U	DC power	MEAN WELL	NES-35-24	OUT=DC24V 1.5A	1	YE713524-00100		
版本		Ver.C		Notes: (1)Means it's not the material inside the control box. (2)Stands for optional.					
D		Title		SCD-300U(450U)/200H-LC		Drawing NO		Scale	
		Version		G		SCD-300U(450U)/200H-LC-CE-230V-G-8		Page 8	
		Designer		Approved by		Electrical Components List 1		Standard	
		Proofread by		Date				CE	
		Checked by		20160914				Voltage	
Mark		Alter modification		Modified by				Frequency	
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								Pages	
								230V	
								50Hz	
								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	S1	Reed switch	FOTEK	FC-12V	24VDC	1	-----	(1)							
27	S2 S3	Photoelectric switch	FOTEK	T18-3MNB-PE	24VDC	2	YE1514.3900000	(1)							
28	S4	Micro switch	TEND	LXW5-11G1	250V 5(4)A	1	YE14.1524.00000	(1)							
29	S5	Temperature protector	----	-----	250V 5(4)A	1	-----	(1)							
30	S6	Temperature protector	----	-----	250V 5(4)A	1	-----	(1)							
31	S7 S8 S9	Thermocouple	SHINI	ST-K	K	3	-----	(1)							
32	S10	Dew-point transducer	CS	CS 217-OEM	POWER=24 VDC OUT=4-20mA	1	YE90021700100	(2)							
33	Y1-Y5	Solenoid valve	--	MSFW-230-50/60	220V 50/60Hz	5	-----	(1)							
34	H1	Buzzer	HITPOINT	PF-35A	60-250V	1	YE84.003500200	(1)							
35	H2	Alarm indicator	SHINI	LED-3051	220V 50/60Hz	1	YE83305100200	(1)							
36	X1	Terminal board	--	16mm ² PE	-	1	YE60001603500								
37			--	6mm ²	57A 690V	3	YE60000603200								
38			--	6mm ² PE	-	1	YE60000603500								
39				4mm ²	4.1A 690V	12	YE600004.03200								
40				4mm ² PE	-	4	YE600004.03500								
41				2.5mm ²	32A 690V	8	YE60002503200								
42				2.5mm ²	32A 690V	2	YE60002503200	(2)							
43	X2			2.5mm ²	32A 690V	10	YE60002503200								
44	X4			2.5mm ²	32A 690V	4	YE60002503200								
45	X3	Terminal board	----	ZDIK 1.5	10A 250V	4	YE60001500000								
46				FBSTB 10-ZDIK RD	10A 250V	4	YE60001000200								
47				FBSTB 10-ZDIK BU	10A 250V	4	YE60001000000								
48	X5 X6 X7	Heavy duty connector	WEIN	HDC-HA-004.1	4P 10A	3	YE6804.1000100	(1)							
49	FM	Fan	SUNON	DP-200A	230VAC 4.0W	1	YM601212004.00	(1)							
50	M1	Blower	SHINI	-----	230V 1.5kW	1	-----	(1)							
版本 Ver.C		Notes: (1)Means it's not the material inside the control box. (2)Stands for optional.													
		Drawer		Version		G		Title		Drawing NO.		Scale		Page	
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		Designer		Approved by		Electrical Components List 2						Voltage		230V	
		Proofread by		Date								Frequency		50HZ	
Mark		Alter modification		Modified by		20160914									
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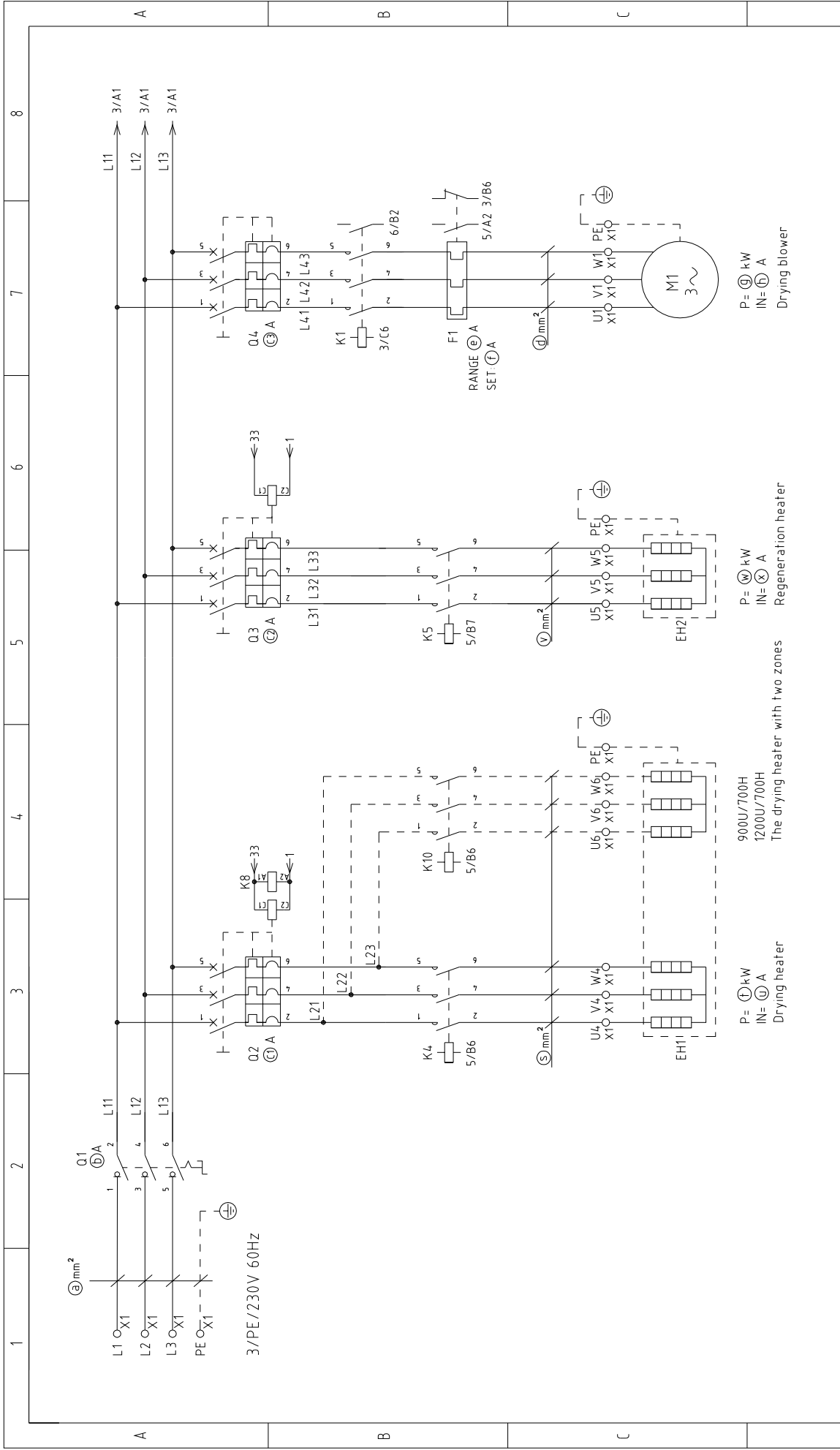


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Shini Plastics Technologies, Inc.

1		2		3		4		5		6		7		8	
N0.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark							
51	M2	Blower	SHINI	-----	230V 0.4kW	1	-----	(1)							
52	M3	Blower	SHINI	-----	230V 15kW	1	-----	(1)							
53	M4	Motor	----	-----	230V 0.006kW	1	-----	(1)							
54	EH1	Pipe heater	SHINI	-----	230V 12kW	1	-----	(1)							
55	EH2	Pipe heater	SHINI	-----	230V 4kW	1	----- 50Hz	(1)							
56	EH2	Pipe heater	SHINI	-----	230V 6kW	1	----- 60Hz	(1)							
									A						
									B						
									C						

版本 Ver.C		Notes: (1)Means it's not the material inside the control box. (2)Stands for optional.													
		Title		Version		G		Drawing NO.		Scale		Page			
		SCD-300U(450U)/200H-LC						SCD-300U(450U)/200H-LC-CE-230V-G-10		Standard		CE			
		Electrical Components List 3		Approved by						Voltage		230V			
		Proofread by		Date		20160914				Frequency		50Hz			
Mark		Before modification		Modified by		Modify date		Checked by		SHINI		信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.			
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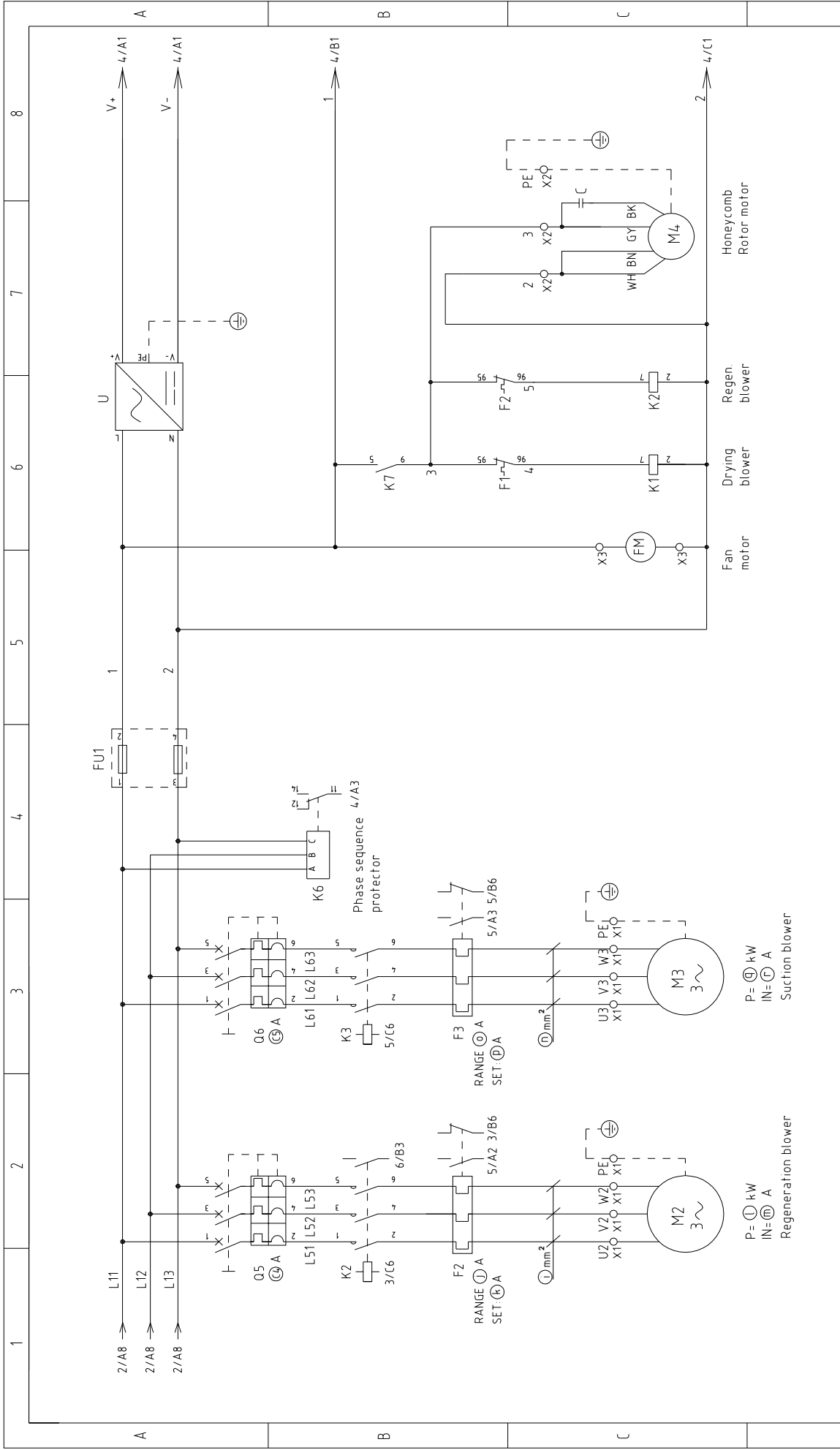
1	2	3	4	5	6	7	8																																																																																																																																																																																																									
<p>A</p> <p>(a) Main power wire dia. (c) The rated current of drying blower circuit breaker (e) Drying blower overload relay (i) Regenerative blower wire dia. (m) Regenerative blower current</p> <p>(b) The rated current of main power switch (d) The rated current of regenerative blower circuit breaker (j) Default drying blower overload relay (n) Regenerative blower wire dia.</p> <p>(f) The rated current of drying heater breaker (g) The rated current of suction blower circuit breaker (k) Drying blower power (o) Default regenerative blower overload relay (r) Suction blower overload relay</p> <p>(z) The rated current of regenerative heater breaker (h) Drying blower wire dia. (l) Regenerative blower power (s) Default suction blower overload relay</p> <p>(q) Suction blower power (i) Drying blower current (f) Drying heater wire dia. (t) Drying heater current</p> <p>(v) Regenerative heater wire dia. (w) Regenerative heater power (x) Regenerative heater current</p> <p>B</p> <table border="1"> <thead> <tr> <th>Mode</th> <th>Symbol</th> <th>Ver.</th> <th>(a)</th> <th>(b)</th> <th>(c)</th> <th>(d)</th> <th>(e)</th> <th>(f)</th> <th>(g)</th> <th>(h)</th> <th>(i)</th> <th>(j)</th> <th>(k)</th> <th>(l)</th> <th>(m)</th> <th>(n)</th> <th>(o)</th> <th>(p)</th> <th>(q)</th> <th>(r)</th> <th>(s)</th> <th>(t)</th> <th>(u)</th> <th>(v)</th> <th>(w)</th> <th>(x)</th> </tr> </thead> <tbody> <tr> <td>SCD-600U/400H</td> <td>Ver.B</td> <td></td> <td>35.0</td> <td>125</td> <td>60</td> <td>25</td> <td>32</td> <td>10</td> <td>16</td> <td>4.0</td> <td>11-16</td> <td>15.5</td> <td>3.75</td> <td>14.5</td> <td>15</td> <td>3.5-5</td> <td>4.0</td> <td>0.75</td> <td>3.8</td> <td>2.5</td> <td>5.5-8</td> <td>7.0</td> <td>15</td> <td>6.6</td> <td>16.0</td> <td>18</td> <td>4.72</td> <td>4.0</td> <td>7.2</td> <td>18.9</td> </tr> <tr> <td>SCD-750U/400H</td> <td>Ver.B</td> <td></td> <td>35.0</td> <td>125</td> <td>60</td> <td>25</td> <td>32</td> <td>10</td> <td>16</td> <td>4.0</td> <td>11-16</td> <td>15.5</td> <td>3.75</td> <td>14.5</td> <td>15</td> <td>3.5-5</td> <td>4.0</td> <td>0.75</td> <td>3.8</td> <td>2.5</td> <td>5.5-8</td> <td>7.0</td> <td>15</td> <td>6.6</td> <td>16.0</td> <td>18</td> <td>4.72</td> <td>4.0</td> <td>7.2</td> <td>18.9</td> </tr> <tr> <td>SCD-900U/700H</td> <td>Ver.E</td> <td></td> <td>50.0</td> <td>160</td> <td>80</td> <td>40</td> <td>63</td> <td>16</td> <td>40</td> <td>6.0</td> <td>23-28</td> <td>26</td> <td>7.5</td> <td>25.2</td> <td>2.5</td> <td>5.5-8</td> <td>7.0</td> <td>1.5</td> <td>6.6</td> <td>2.5</td> <td>11-16</td> <td>12</td> <td>3.75</td> <td>12</td> <td>6.0x2</td> <td>12x2</td> <td>31x2</td> <td>6.0</td> <td>10</td> <td>26.5</td> </tr> <tr> <td>SCD-1200U/700H</td> <td>Ver.E</td> <td></td> <td>50.0</td> <td>160</td> <td>80</td> <td>40</td> <td>63</td> <td>16</td> <td>40</td> <td>6.0</td> <td>23-28</td> <td>26</td> <td>7.5</td> <td>25.2</td> <td>2.5</td> <td>5.5-8</td> <td>7.0</td> <td>1.5</td> <td>6.6</td> <td>2.5</td> <td>11-16</td> <td>12</td> <td>3.75</td> <td>12</td> <td>6.0x2</td> <td>12x2</td> <td>31x2</td> <td>6.0</td> <td>10</td> <td>26.5</td> </tr> </tbody> </table> <p>C</p> <p>D</p> <table border="1"> <tr> <td colspan="2">Title</td> <td colspan="2">SCD-PLC</td> <td colspan="2">Drawing NO.</td> <td colspan="2">Scale</td> <td colspan="2">Page 1</td> </tr> <tr> <td colspan="2">Parameter List of Circuit Diagram</td> <td colspan="2">SCD-PLC-CE-230V-B-1</td> <td colspan="2">Standard</td> <td colspan="2">CE</td> <td colspan="2">Totally 23 Pages</td> </tr> <tr> <td colspan="2">Version</td> <td colspan="2">B</td> <td colspan="2">Voltage</td> <td colspan="2">230V</td> <td colspan="2">Frequency</td> </tr> <tr> <td colspan="2">Approved by</td> <td colspan="2">20151022</td> <td colspan="2">Frequency</td> <td colspan="2">50HZ</td> <td colspan="2"></td> </tr> <tr> <td colspan="2">Date</td> <td colspan="2">20151022</td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> </tr> </table> <p style="text-align: right;">SHINI 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.</p>								Mode	Symbol	Ver.	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)	(u)	(v)	(w)	(x)	SCD-600U/400H	Ver.B		35.0	125	60	25	32	10	16	4.0	11-16	15.5	3.75	14.5	15	3.5-5	4.0	0.75	3.8	2.5	5.5-8	7.0	15	6.6	16.0	18	4.72	4.0	7.2	18.9	SCD-750U/400H	Ver.B		35.0	125	60	25	32	10	16	4.0	11-16	15.5	3.75	14.5	15	3.5-5	4.0	0.75	3.8	2.5	5.5-8	7.0	15	6.6	16.0	18	4.72	4.0	7.2	18.9	SCD-900U/700H	Ver.E		50.0	160	80	40	63	16	40	6.0	23-28	26	7.5	25.2	2.5	5.5-8	7.0	1.5	6.6	2.5	11-16	12	3.75	12	6.0x2	12x2	31x2	6.0	10	26.5	SCD-1200U/700H	Ver.E		50.0	160	80	40	63	16	40	6.0	23-28	26	7.5	25.2	2.5	5.5-8	7.0	1.5	6.6	2.5	11-16	12	3.75	12	6.0x2	12x2	31x2	6.0	10	26.5	Title		SCD-PLC		Drawing NO.		Scale		Page 1		Parameter List of Circuit Diagram		SCD-PLC-CE-230V-B-1		Standard		CE		Totally 23 Pages		Version		B		Voltage		230V		Frequency		Approved by		20151022		Frequency		50HZ				Date		20151022							
Mode	Symbol	Ver.	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)	(u)	(v)	(w)	(x)																																																																																																																																																																																						
SCD-600U/400H	Ver.B		35.0	125	60	25	32	10	16	4.0	11-16	15.5	3.75	14.5	15	3.5-5	4.0	0.75	3.8	2.5	5.5-8	7.0	15	6.6	16.0	18	4.72	4.0	7.2	18.9																																																																																																																																																																																		
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SCD-900U/700H	Ver.E		50.0	160	80	40	63	16	40	6.0	23-28	26	7.5	25.2	2.5	5.5-8	7.0	1.5	6.6	2.5	11-16	12	3.75	12	6.0x2	12x2	31x2	6.0	10	26.5																																																																																																																																																																																		
SCD-1200U/700H	Ver.E		50.0	160	80	40	63	16	40	6.0	23-28	26	7.5	25.2	2.5	5.5-8	7.0	1.5	6.6	2.5	11-16	12	3.75	12	6.0x2	12x2	31x2	6.0	10	26.5																																																																																																																																																																																		
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		Scale		Page	2
		Standard		Totally	23
		Voltage		230V	
		Frequency		60Hz	
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Date		20130701			
Modified by					
After modification					
Mark					
Before modification					
Modified date					
Checked by					
Proofread by					
Designer					
Drawer					
Version		A			
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Drawing NO.		SCD-PLC-CE-230V-A-2			
Scale					
Page		2			
Totally		23			
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Frequency		60Hz			

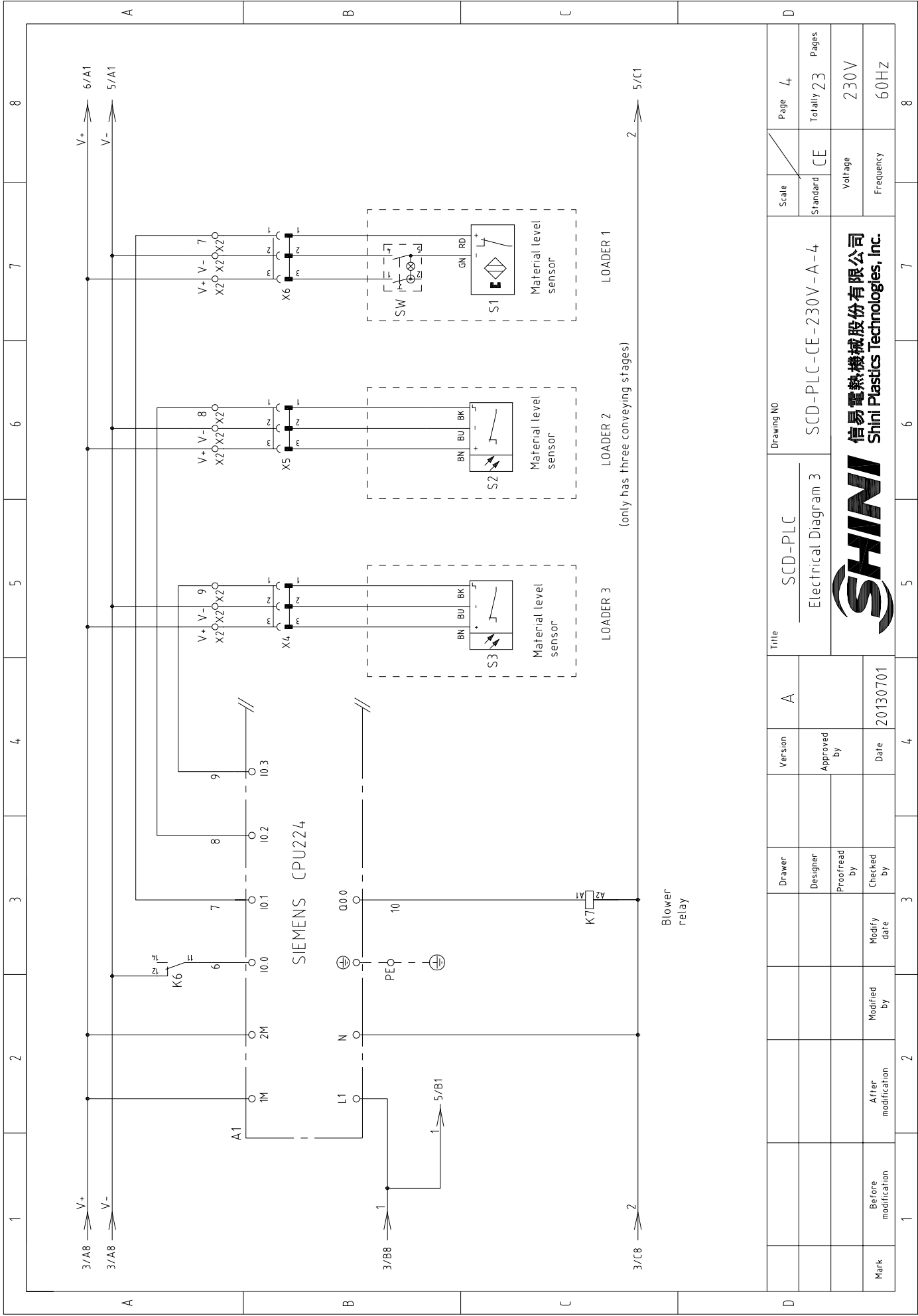


P = Ⓧ kW
 IN = Ⓧ A
 Drying heater with two zones
 Regeneration heater
 Drying blower



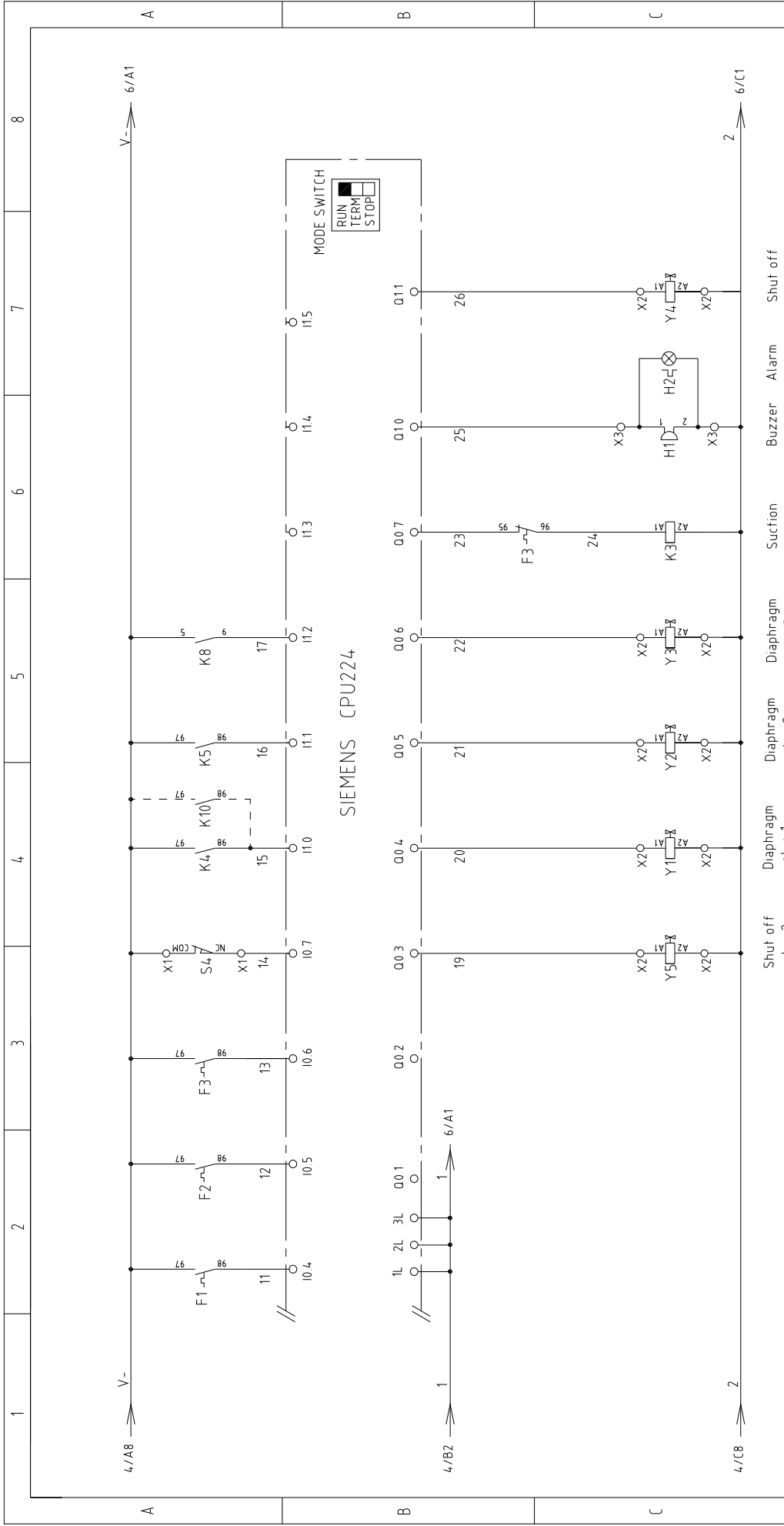
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Voltage		After modification													
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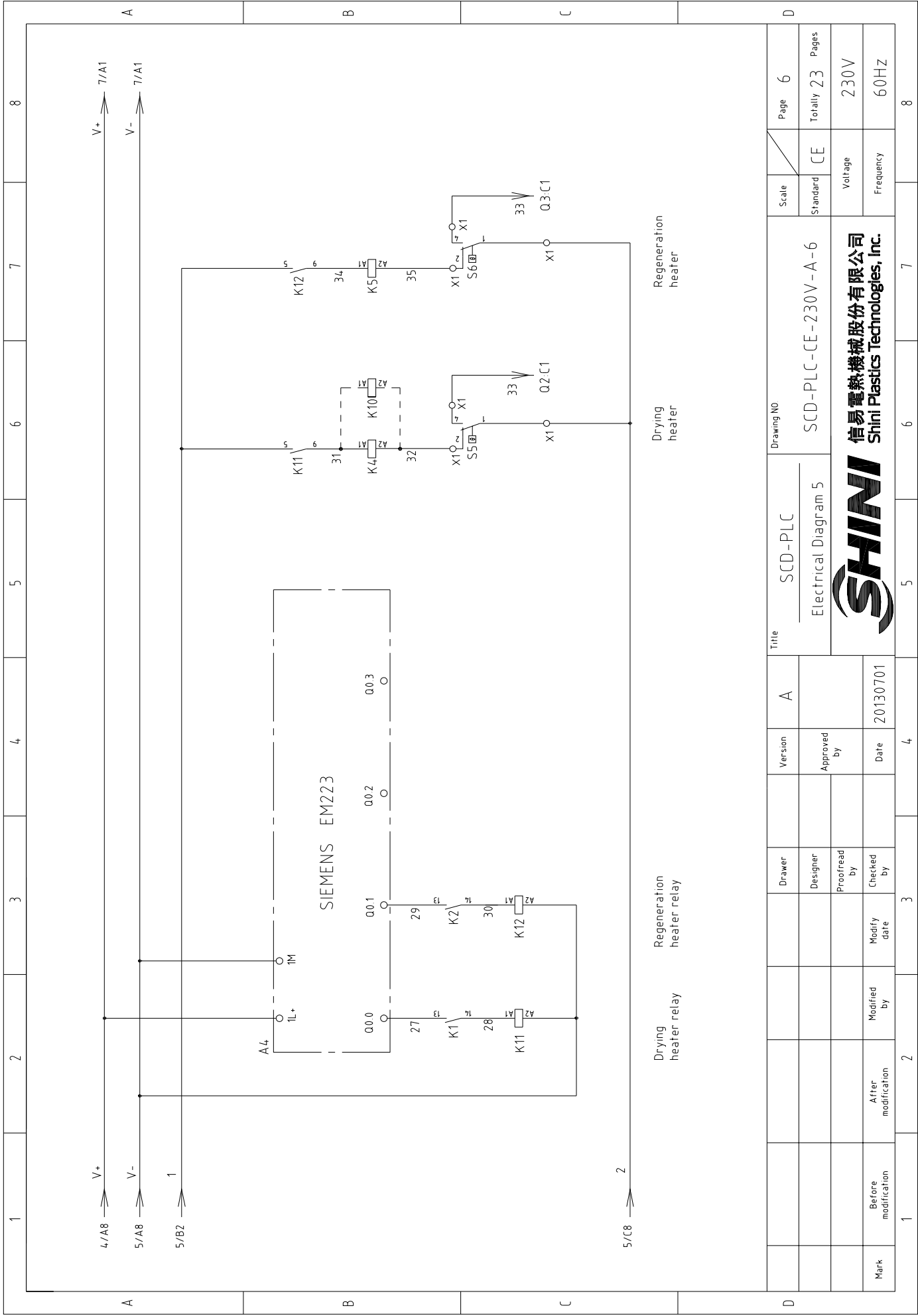
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Approved by				Frequency	Frequency	60HZ
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Modified by						
Alter modification						
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2		6				
1		7				
1		8				





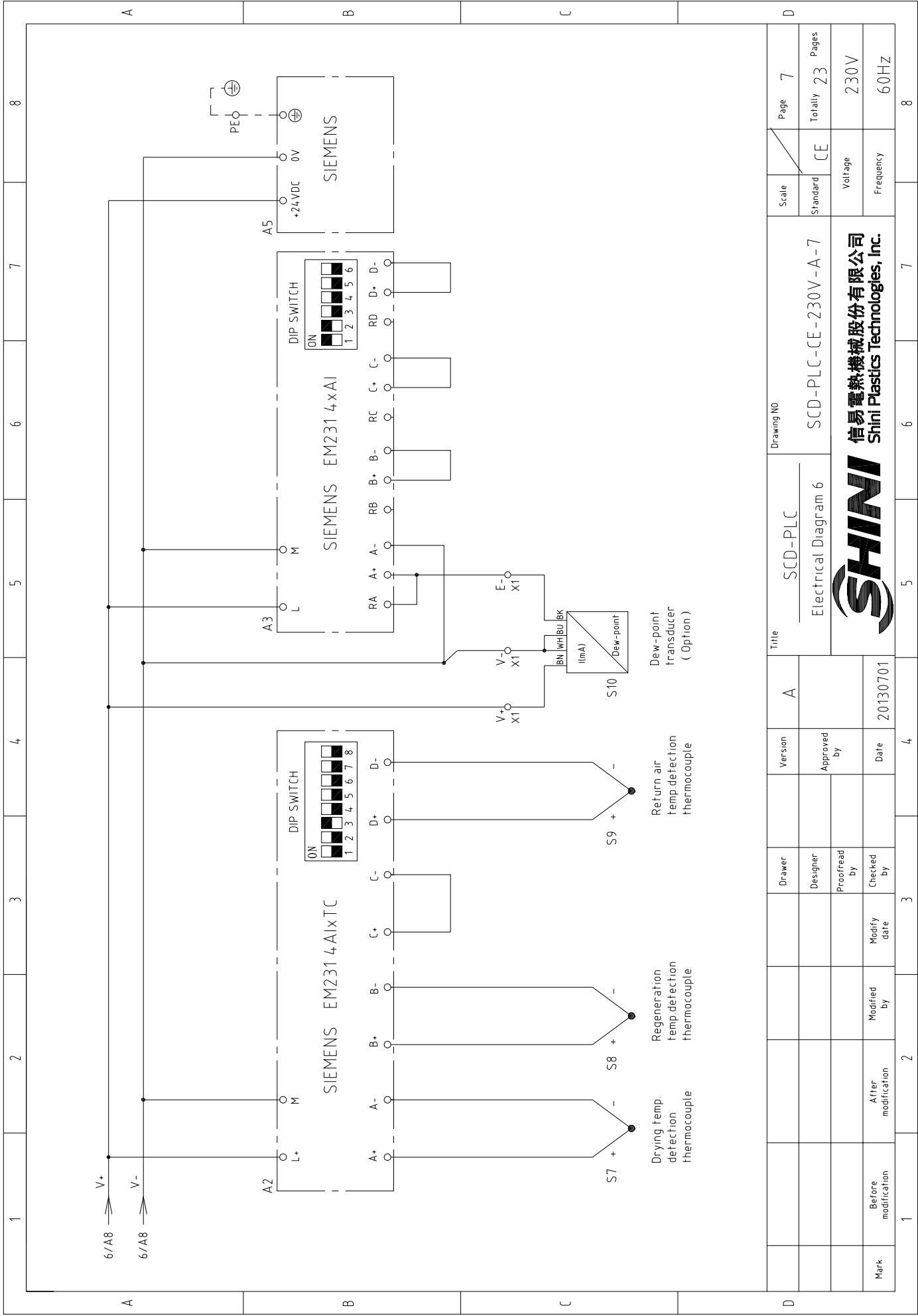
Note: only 20U(40U)/40H model has two shut-off valves Other models don't have shut-off 2. wire No 19 and 26 combine to wire No 26

1	2	3	4	5	6	7	8
Title				Drawing NO.		Page 5	
Version				Scale		Standard	
E				Standard		CE	
Approved by				Voltage		230V	
Date				Frequency		50HZ	
20151022							
Mark	Before modification	Alter modification	Modified by	Modify date	Checked by	Proofread by	Designer
1	2	3	4	5	6	7	8
Title				Drawing NO.		Page 5	
Electrical Diagram 4				SCD-PLC		Totally 23 Pages	
SCD-PLC-CE-230V-E-5				Standard		CE	
SHINI				Voltage		230V	
信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.				Frequency		50HZ	

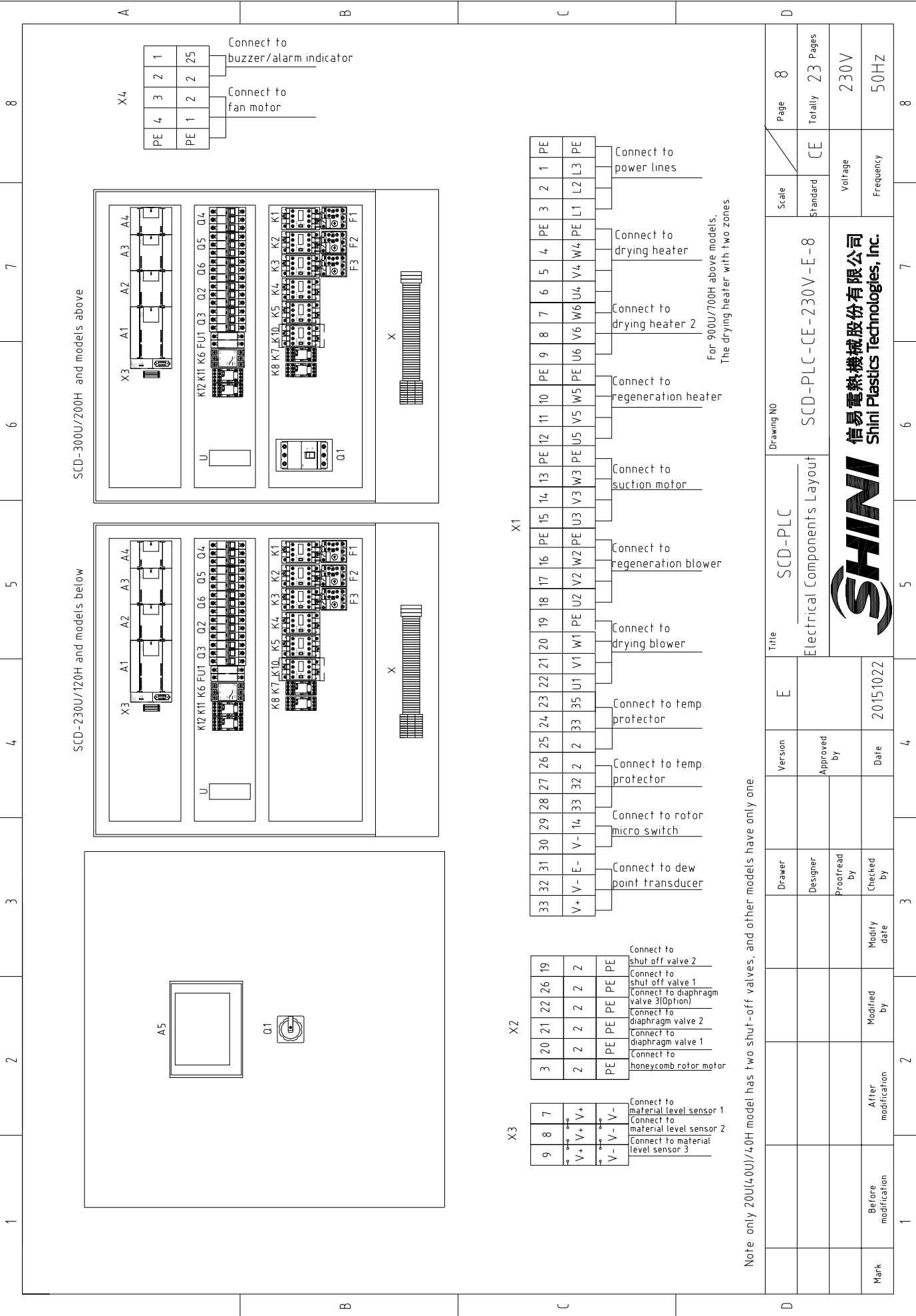


1	2	3	4	5	6	7	8
Title				Drawing NO.			
SCD-PLC				SCD-PLC-CE-230V-A-6			
Electrical Diagram 5				CE			
Version				Scale			
A				Page 6			
Approved by				Standard			
Date				Totally 23 Pages			
20130701				Voltage			
Modify date				Frequency			
2				230V			
3				60HZ			
4				8			
5				8			
6				8			
7				8			
8				8			
Mark				Before modification			
Alter modification				Modified by			
Modified by				Checked by			
Proofread by				Designer			
Drawer				Version			
A				Title			
SCD-PLC				Drawing NO.			
Electrical Diagram 5				SCD-PLC-CE-230V-A-6			
Approved by				Standard			
Date				Totally 23 Pages			
20130701				Voltage			
Modify date				Frequency			
2				230V			
3				60HZ			
4				8			
5				8			
6				8			
7				8			
8				8			
Mark				Before modification			
Alter modification				Modified by			
Modified by				Checked by			
Proofread by				Designer			
Drawer				Version			
A				Title			
SCD-PLC				Drawing NO.			
Electrical Diagram 5				SCD-PLC-CE-230V-A-6			
Approved by				Standard			
Date				Totally 23 Pages			
20130701				Voltage			
Modify date				Frequency			
2				230V			
3				60HZ			
4				8			
5				8			
6				8			
7				8			
8				8			





1	2	3	4	5	6	7	8
Title			Version		Drawing NO.		Page
SCD-PLC			A		SCD-PLC-CE-230V-A-7		7
Electrical Diagram 6			Approved by		Standard		Totally
					CE		23
Mark			Modified by		Voltage		230V
Before modification			Modify date		Frequency		60HZ
Alter modification			Date				
20130701							
SHINI			SHINI		SHINI		
信易電熱機械股份有限公司			Shini Plastics Technologies, Inc.				



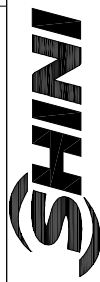
SCD-300U/200H and models above

SCD-230U/120H and models below

For 900U/700H above models.
The drying heater with two zones

Note: only 200U(40U)/40H model has two shut-off valves, and other models have only one.

Page	8	Scale		Drawing NO.		Version	E	Title	SCD-PLC
Totally	23	Standard	CE		Approved by			Electrical Components Layout	
Pages					Checked by		20151022	SCD-PLC-CE-230V-E-8	
Voltage	230V				Date			SHINI	
Frequency	50HZ				Modify date			信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.	



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

20151022

Checked by

Modified by

After modification

Mark

1	2	3	4	5	6	7	8	
NO	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark
1	Q1	Main switch	ABB	A1A125TMF125	125A	1	YE41161400000	
2	Q2	Circuit-breaker	CHINT	DZ47-63 3P	60A	1	YE40606000000	
3	Q3	Circuit-breaker	CHINT	DZ47-63 3P	25A	1	YE40602500000	
4	Q4	Excitation release	CHINT	MX	220V 50/60Hz	2	YE40023560000	
5	Q5	Circuit-breaker	CHINT	DZ47-60 3P	32A	1	YE40603200000	
6	Q6	Circuit-breaker	CHINT	DZ47-63 3P	10A	1	YE40600300000	
7	K1	Circuit-breaker	CHINT	DZ47-63 3P	15A	1	YE40601500000	
8	K2	Contact	SIEMENS	3RT6025-1AN21	220V 50/60Hz	1	YE00602522000	
9	K3	Contact	SIEMENS	3RT6016-1AN21	220V 50/60Hz	1	YE00601621000	
10	K4	Contact	SIEMENS	3RT6016-1AN21	220V 50/60Hz	1	YE00601621000	
11	K5	Contact	SIEMENS	3RT5044-1AN20	220V 50/60Hz	1	YE00504400000	
12	K6	Contact	SIEMENS	3RT6027-1AN20	220V 50/60Hz	1	YE00602722000	
13	K7 K8	Phase relay	CHAOSHI	ABJ-10W	230V 50/60Hz	1	YE03102200000	
14	K11 K12	Middle relay	WEIDMULLER	DRM270730LT	220V 50/60Hz	2	YE03270700000	
15	F1	Middle relay	WEIDMULLER	DRM270724LT	24V DC	2	YE03272400000	
16	F2	Thermo overload relay	SIEMENS	3RU6126-4AB0	11-16A	1	YE01260110000	
17	F3	Thermo overload relay	SIEMENS	3RU6116-1FB0	3.5-5A	1	YE01160350000	
18	A1	Thermo overload relay	SIEMENS	3RU6116-1HB0	5.5-8A	1	YE01160550000	
19	A2	PLC	SIEMENS	CPU224 AC/DC/RLY	100-230VAC 50/60Hz	1	YE81022400100	
20	A3	PLC Expansion module	SIEMENS	EM231 4xTC	--	1	YE82023100100	
21	A4	PLC Expansion module	SIEMENS	EM231 4xAI	--	1	YE82023100000	(2)
22	A5	PLC Expansion module	SIEMENS	EM223	4-in 24VDC,4-out 24VDC, transistor-out	1	YE82022300200	
23	FU1	Human-machine interface	SCHNEIDER	GX03501	24VDC	1	YE80350100100	
24	FU1	Fuse base	CHINT	RT18-32	2P	1	YE41032200000	
25	FU1	Fuse	CHINT	10x38 500V	1A	2	YE45001000100	


Notes: (1)Means it's not the material inside the control box. (2)Stands for optional.

Drawing NO		Scale		Page	
SCD-600U(750U)/400H		Standard		18	
Electrical Components List 1		CE		23	
Title		Drawing NO		Page	
SCD-PLC-CE-230V-A-18		SCD-PLC-CE-230V-A-18		18	
Version		Standard		Totaly	
A		CE		23	
Approved by		Voltage		230V	
Proofread by		Frequency		60HZ	
Checked by					
Modified by					
Modified date					
Date					
20130701					
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Before modification					
Alter modification					
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1		2		3		4		5		6		7		8	
NO	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark							
26	U	DC power	MEAN WELL	NES-35-24	OUT=DC24V 1.5A	1	YE71352400100								
27	S1	Reed switch	FOTEK	FC-12V	24VDC	1	-----	(1)							
28	S2 S3	Photoelectric switch	FOTEK	T18-3MNB-PE	24VDC	2	YE1514.3900000	(1)							
29	S4	Micro switch	TEND	LXW5-11G1	250V 5(4)A	1	YE14.1524.00000	(1)							
30	S5	Temperature protector	----	-----	250V 5(4)A	1	-----	(1)							
31	S6	Temperature protector	----	-----	250V 5(4)A	1	-----	(1)							
32	S7 S8 S9	Thermocouple	SHINI	ST-K	K	3	-----	(1)							
33	S10	Dew-point transducer	CS	CS 217-OEM	POWER=24VDC OUT=4-20mA	1	YE90021700100	(2)							
34	Y1-Y5	Solenoid valve	--	MSFW-230-50/60	220V 50/60Hz	5	-----	(1)							
35	H1	Buzzer	HITPOINT	PF-35A	60-250V	1	YE84.003500200	(1)							
36	H2	Alarm indicator	SHINI	LED-3051	220V 50/60Hz	1	YE83305100200	(1)							
37	X1 X3	Terminal board	--	16mm ² PE	-	1	YE61163500000								
38				16mm ²	57A 690V	3	YE61160000000								
39				16mm ² PE	-	1	YE61163500000								
40				4mm ²	41A 690V	12	YE6104.0000000								
41				4mm ² PE	-	4	YE6104.3500000								
42				2.5mm ²	32A 690V	15	YE6125004.0000								
43				2.5mm ² PE	-	1	YE61253500000								
44	X2	Terminal board	----	ZDIK 15	10A 250V	9	YE60001500000								
45				FBSTB 10-ZDIK RD	10A 250V	9	YE60001000200								
46				FBSTB 10-ZDIK BU	10A 250V	9	YE60001000000								
47	X4 X5 X6	Heavy duty connector	WEIN	HDC-HA-004.1	4P 10A	3	YE6804.1000100	(1)							
48	FM	Fan	SUNON	DP-200A	230VAC 40W	1	YM601212004.00	(1)							
49	M1	Blower	SHINI	-----	230V 3.75kW	1	-----	(1)							
50	M2	Blower	SHINI	-----	230V 0.75kW	1	-----	(1)							

Notes: (1)Means it's not the material inside the control box. (2)Stands for optional.

1		2		3		4		5		6		7		8	
Mark	Before modification	Alter modification	Modified by	Modified date	Checked by	Date	Version	B	Title	Drawing NO	Scale	Page	19		
									SCD-600U(750U)/4.00H	SCD-PLC-CE-230V-B-19	CE	Totally	23		
									Electrical Components List 2		Standard	Voltage	230V		
											Frequency	60HZ			
									 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.						

1	2		3	4	5	6	7	8
N0	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark
51	M3	Blower	SHINI	-----	230V 1.5kW	1	-----	(1)
52	M4	Motor	----	-----	230V 0.015kW	1	-----	(1)
53	EH1	Pipe heater	SHINI	-----	400V 18kW	1	-----	(1)
54	EH2	Pipe heater	SHINI	-----	400V 7.2kW	1	-----	(1)
A								
B								
C								

Notes: (1)Means it's not the material inside the control box. (2)Stands for optional.

1	2		3	4	5	6	7	8
D	Title		Drawing NO.	Scale	Page	20	8	8
	SCD-600U(750U)/4.00H		SCD-PLC-CE-230V-A-20	Standard	CE	Totally	23	Pages
Electrical Components List 3		SHINI	SHINI 信易電熱機械股份有限公司	SHINI 信易電熱機械股份有限公司	SHINI 信易電熱機械股份有限公司	SHINI 信易電熱機械股份有限公司	SHINI 信易電熱機械股份有限公司	SHINI 信易電熱機械股份有限公司
Mark		Before modification	Alter modification	Modified by	Modified date	Checked by	Date	20130701
		Designer	Approved by	Version	A	Title	SCD-600U(750U)/4.00H	Drawing NO.
		Drawer	Checked by	Date	20130701	Voltage	230V	Frequency
		Proofread by	Checked by	Date	20130701	Frequency	60HZ	8

1	2		3	4	5	6	7	8
N0	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark
1	Q1	Main switch	ABB	A2B250TMF160	160A	1	YE41161500000	
2	Q2	Circuit-breaker	CHINT	BM-100D 3P	80A	1	YE40308003000	
3	Q3	Circuit-breaker	TECO	BM-63C 3P	40A	1	YE40304003000	
4	Q4	Excitation release	CHINT	MX	220V 50/60Hz	2	YE40023560000	
5	Q5	Circuit-breaker	TECO	BM-63C 3P	63A	1	YE40306303000	
6	Q6	Circuit-breaker	TECO	BM-63C 3P	10A	1	YE40301003000	
7	K1	Contactor	SIEMENS	3RT6027-1AN21	40A	1	YE40304003000	
8	K2	Contactor	SIEMENS	3RT6016-1AN21	220V 50/60Hz	1	YE00602722000	
9	K3	Contactor	SIEMENS	3RT6018-1AN21	220V 50/60Hz	1	YE00601521000	
10	K4	Contactor	SIEMENS	3RT6028-1AN20	220V 50/60Hz	1	YE00601800000	
11	K5	Contactor	SIEMENS	3RT6028-1AN20	220V 50/60Hz	2	YE00602822000	
12	K6	Phase relay	CHAOSHI	ABJ-10W	230V 50/60Hz	1	YE03102200000	
13	K7	Middle relay	WEIDMULLER	DRM270730LT	220V 50/60Hz	2	YE03270700000	
14	K8	Middle relay	WEIDMULLER	DRM270724LT	24V DC	2	YE03272400000	
15	F1	Thermo overload relay	SIEMENS	3RU6126-4NB0	23-28A	1	YE01612620000	
16	F2	Thermo overload relay	SIEMENS	3RU6116-1HB0	5.5-8A	1	YE01160550000	
17	F3	Thermo overload relay	SIEMENS	3RU6116-4AB0	11-16A	1	YE01611640000	
18	A1	PLC	SIEMENS	CPU224 AC/DC/RLY	100-230VAC 50/60Hz	1	YE81022400100	
19	A2	PLC Expansion module	SIEMENS	EM231 4xTC	--	1	YE82023100100	
20	A3	PLC Expansion module	SIEMENS	EM231 4xAI	--	1	YE82023100000	(2)
21	A4	PLC Expansion module	SIEMENS	EM223	4-in 24VDC, 4-out 24VDC, transistor-out	1	YE82022300200	
22	A5	Human-machine interface	SCHNEIDER	GX03501	24VDC	1	YE80350100100	
23	FU1	Fuse base	CHINT	RT18-32	2P	1	YE41032200000	
24	FU2	Fuse	CHINT	10x38 500V	1A	2	YE45001000100	

Notes: (1)Means it's not the material inside the control box. (2)Stands for optional.


1	2		3	4	5	6	7	8
Mark	Before modification	Modified by	Modify date	Checked by	Date	SHINI Shini Plastics Technologies, Inc.		Page
					20151022	SCD-900U(1200U)/700H Electrical Components List 1		21
						SCD-PLC-CE-230V-B-21		23
						SHINI Shini Plastics Technologies, Inc.		Pages
						Voltage		230V
						Frequency		50HZ
						Standard		CE
						Totally		8

1		2		3		4		5		6		7		8	
NO	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark							
26	U	DC power	MEAN WELL	NES-35-24	OUT=DC24V 1.5A	1	YE71352400100								
27	S1	Reed switch	FOTEK	FC-12V	24VDC	1	-----	(1)							
28	S2 S3	Photoelectric switch	FOTEK	T18-3MNB-PE	24VDC	2	YE1514.3900000	(1)							
29	S4	Micro switch	TEND	LXW5-11G1	250V 5(4)A	1	YE14.1524.00000	(1)							
30	S5	Temperature protector	----	-----	250V 5(4)A	1	-----	(1)							
31	S6	Temperature protector	----	-----	250V 5(4)A	1	-----	(1)							
32	S7 S8 S9	Thermocouple	SHINI	ST-K	K	3	-----	(1)							
33	S10	Dew-point transducer	CS	CS 217-OEM	POWER=24VDC OUT=4-20mA	1	YE90021700100	(2)							
34	Y1-Y5	Solenoid valve	--	MSFW-230-50/60	220V 50/60Hz	5	-----	(1)							
35	H1	Buzzer	HITPOINT	PF-35A	60-250V	1	YE84.003500200	(1)							
36	H2	Alarm indicator	SHINI	LED-3051	220V 50/60Hz	1	YE83305100200	(1)							
37	X1 X3	Terminal board	--	35mm ² PE	-	1	YE61353500000								
38				6mm ²	-	9	YE61060000000								
39				6mm ² PE	-	2	YE61063500000								
40				4mm ²	4.1A 690V	9	YE6104.0000000								
41				4mm ² PE	-	3	YE6104.3500000								
42				2.5mm ²	32A 690V	15	YE6125004.0000								
43				2.5mm ² PE	-	1	YE61253500000								
44	X2	Terminal board	----	ZDIK 15	10A 250V	9	YE60001500000								
45				FBSTB 10-ZDIK RD	10A 250V	9	YE60001000200								
46				FBSTB 10-ZDIK BU	10A 250V	9	YE60001000000								
47	X4 X5 X6	Heavy duty connector	WEIN	HDC-HA-004.1	4P 10A	3	YE6804.1000100	(1)							
48	FM	Fan	SUNON	DP-200A	230VAC 40W	1	YM601212004.00	(1)							
49	M1	Blower	SHINI	-----	230V 7.5kW	1	-----	(1)							
50	M2	Blower	SHINI	-----	230V 1.5kW	1	-----	(1)							

Notes: (1)Means it's not the material inside the control box. (2)Stands for optional.										Drawing NO		Scale		Page 22									
Title										SCD-900U(1200U)/700H		Standard		CE		Page 23							
Version										B		SCD-PLC-CE-230V-B-22		Voltage		230V							
Approved by										Electrical Components List 2		CE		Frequency		50HZ							
Proofread by										SHINI		信易電熱機械股份有限公司		Shini Plastics Technologies, Inc.									
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Alter modification																							
Before modification																							
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
51	M3	Blower	SHINI	-----	230V 3.75kW	1	-----	(1)
52	M4	Motor	-----	-----	230V 0.015kW	1	-----	(1)
53	EH1	Pipe heater	SHINI	-----	400V 24kW	1	-----	(1)
54	EH2	Pipe heater	SHINI	-----	400V 10kW	1	-----	(1)
A								
B								
C								

Notes: (1)Means it's not the material inside the control box. (2)Stands for optional.

1	2		3	4	5	6	7	8
Mark	Before modification	Alter modification	Modified by	Modified date	Checked by	Date	20130701	
			Proffread by	Approved by	Version	A		
Title					Drawing NO.		Scale	
SCD-900U(1200U)/700H					SCD-PLC-CE-230V-A-23		Page 23	
Electrical Components List 3					Standard		Totally 23 Pages	
					Voltage		230V	
					Frequency		50HZ	