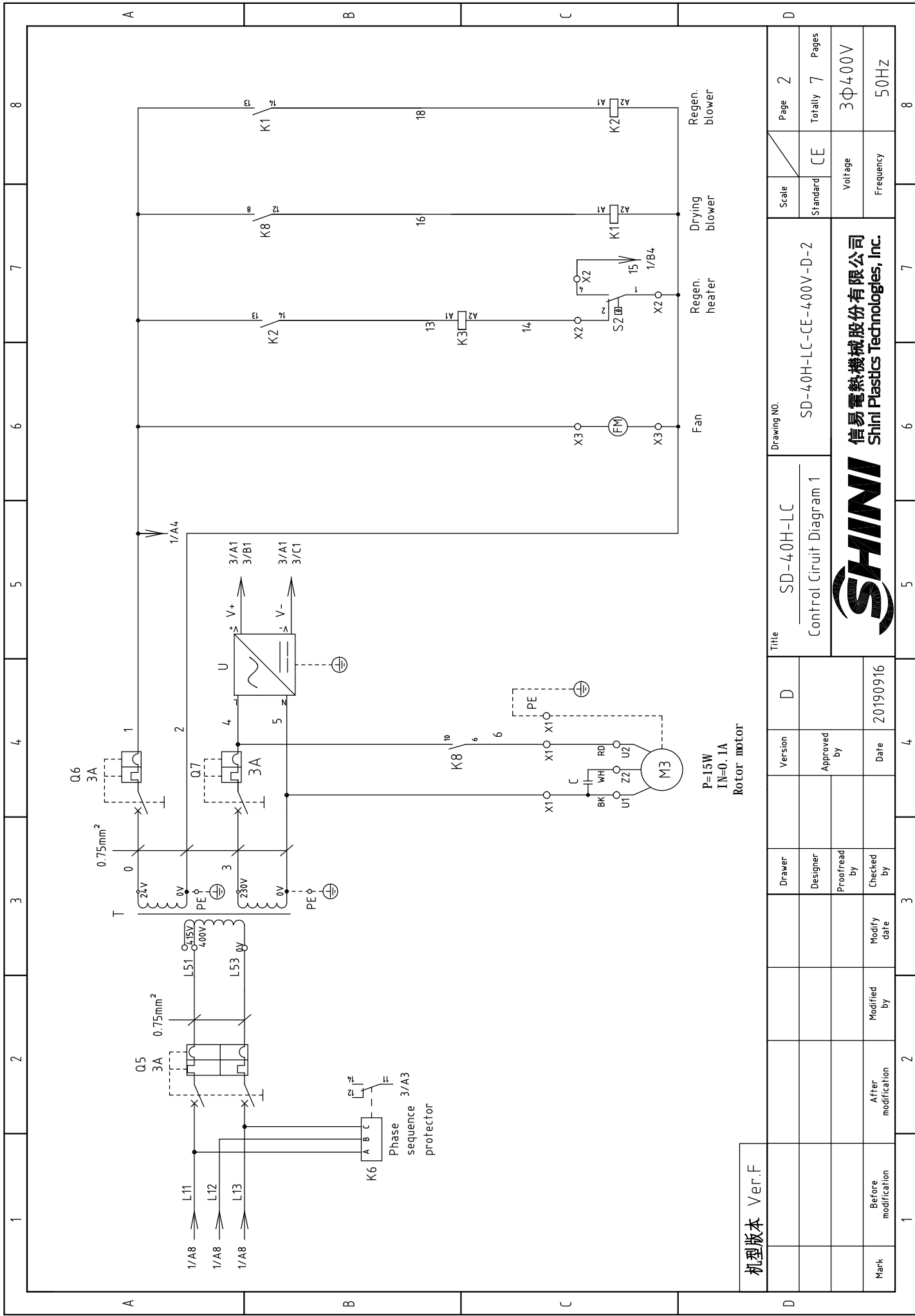


机型版本 Ver.F

Mark	Before modification	Modified by	Modify date	Checked by	Date	Approved by	Version	D	Title	
					20190916				SD-40H-LC	Drawing NO.
									Main Circuit Diagram	SD-40H-LC-CE-400V-D-1
										Standard
										CE
										Scale
										Page 1
										Totally 7
										Pages
										3φ400V
										50Hz
										Frequency
										Voltage

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



机版本	Ver.F
Mark	Before modification
	After modification
	Modified by
	Modify date
	Checked by
	Proofread by
	Designer
	Drawer
	Version
	Approved by
	Date
	20190916

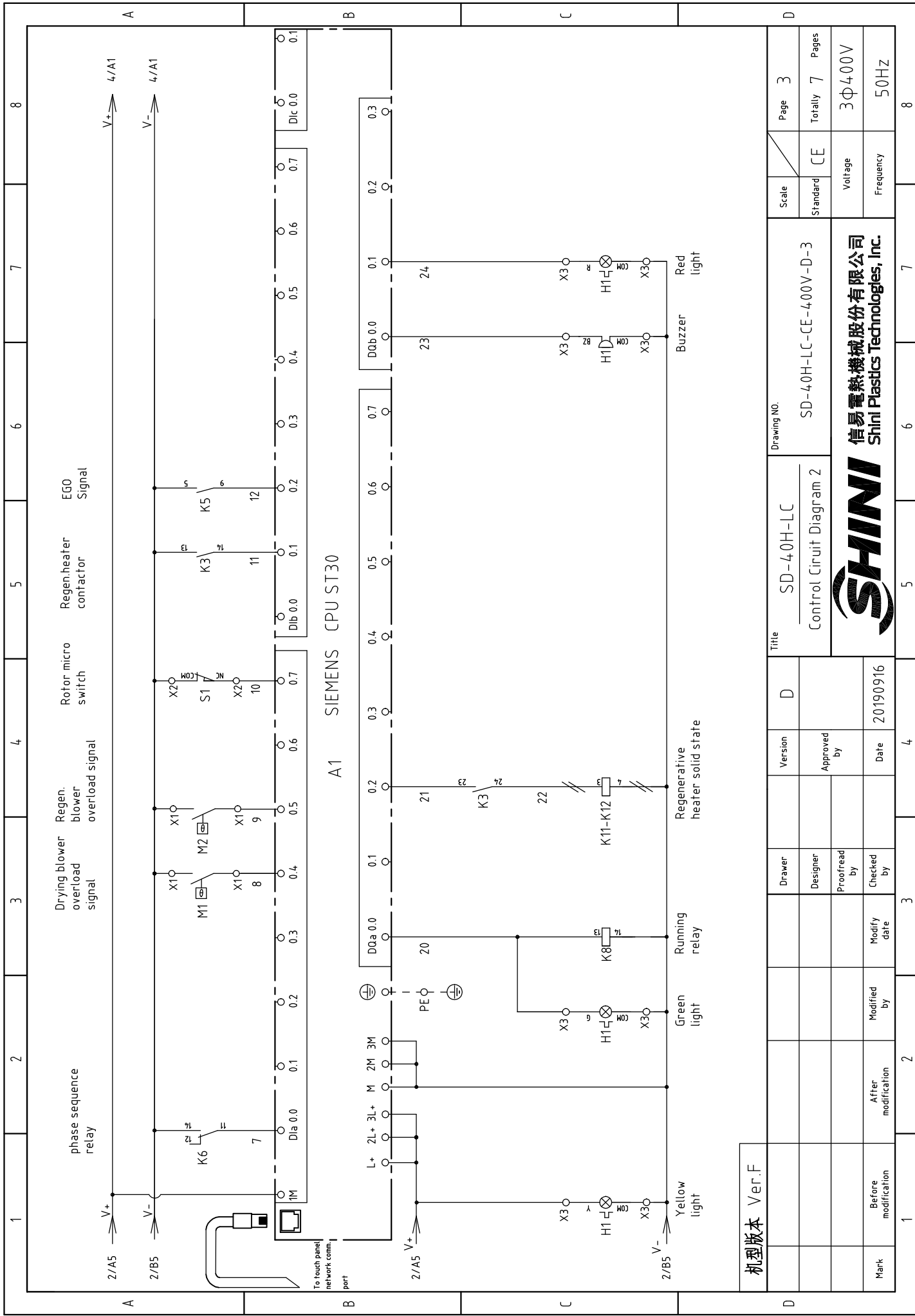
P=15W
IN=0.1A
Rotor motor

Title		SD-40H-LC	
Drawing No.		SD-40H-LC-CE-400V-D-2	
Scale	Page	Standard	Pages
CE	2	CE	7
Voltage		3Φ400V	
Frequency		50Hz	



1 2 3 4 5 6 7 8

A B C D

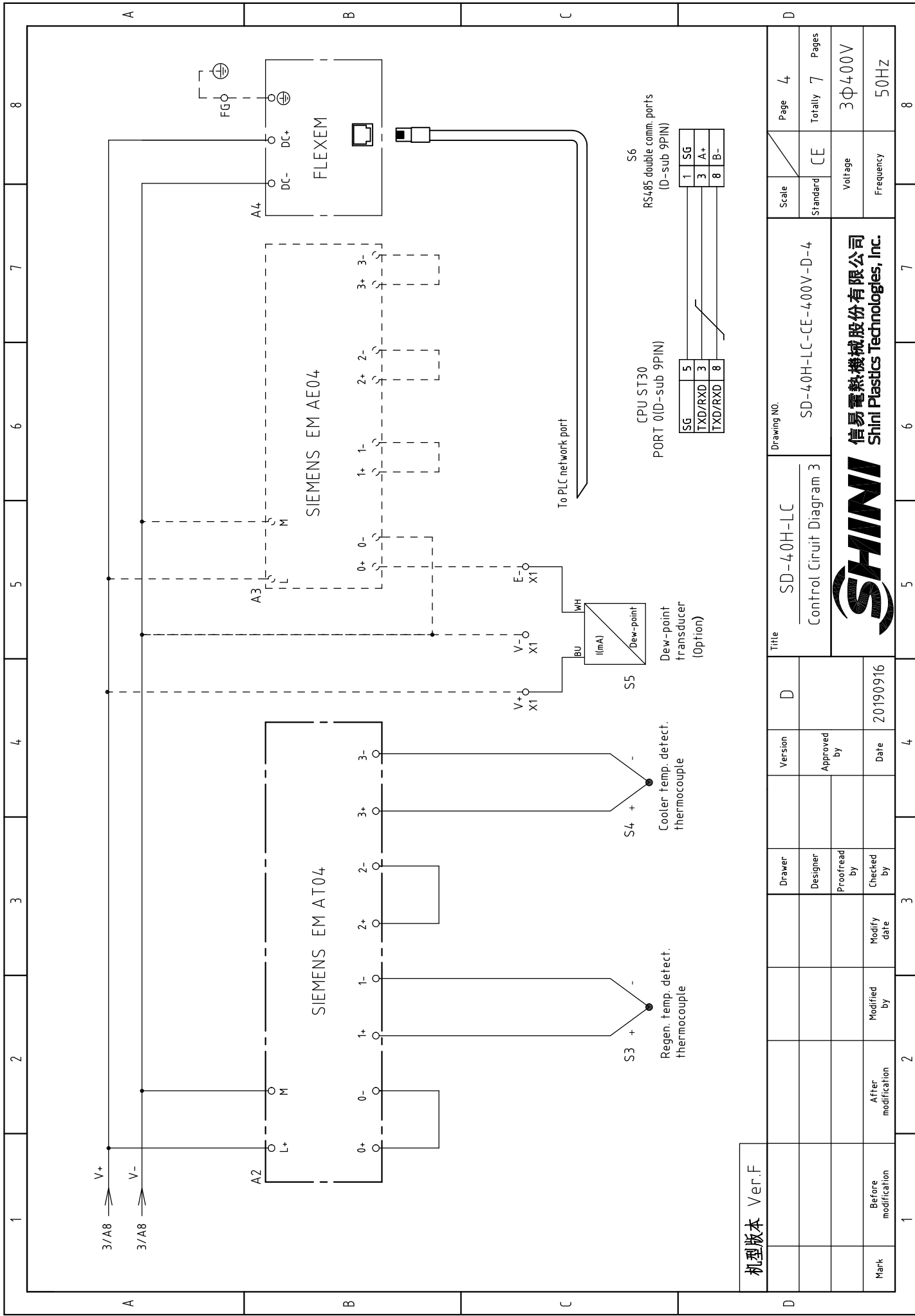


机型版本 Ver.F

Drawer	D	Version	SD-40H-LC	Title	SD-40H-LC
Designer		Approved by	Control Circuit Diagram 2	Drawing NO.	SD-40H-LC-CE-400V-D-3
Proofread by		Date	20190916		
Checked by		Modified by			
Modify date		After modification			
Mark		Before modification			

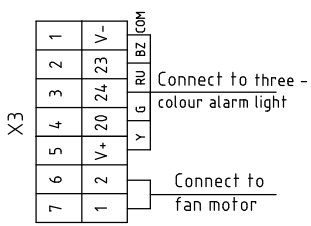
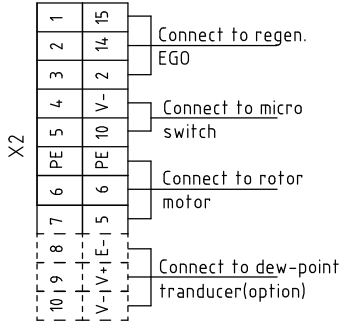
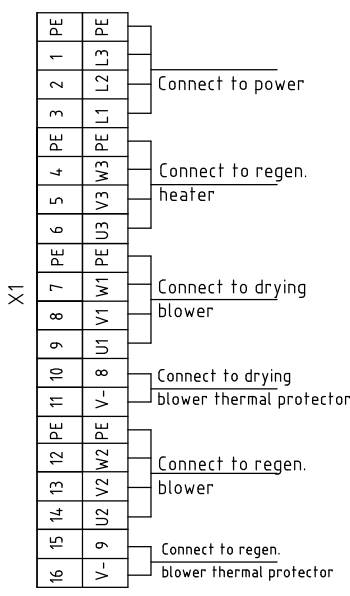
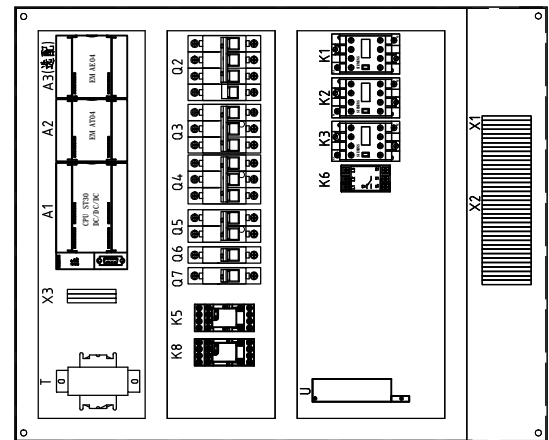
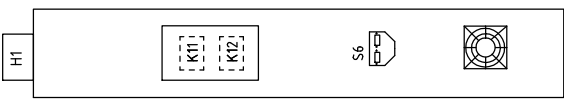
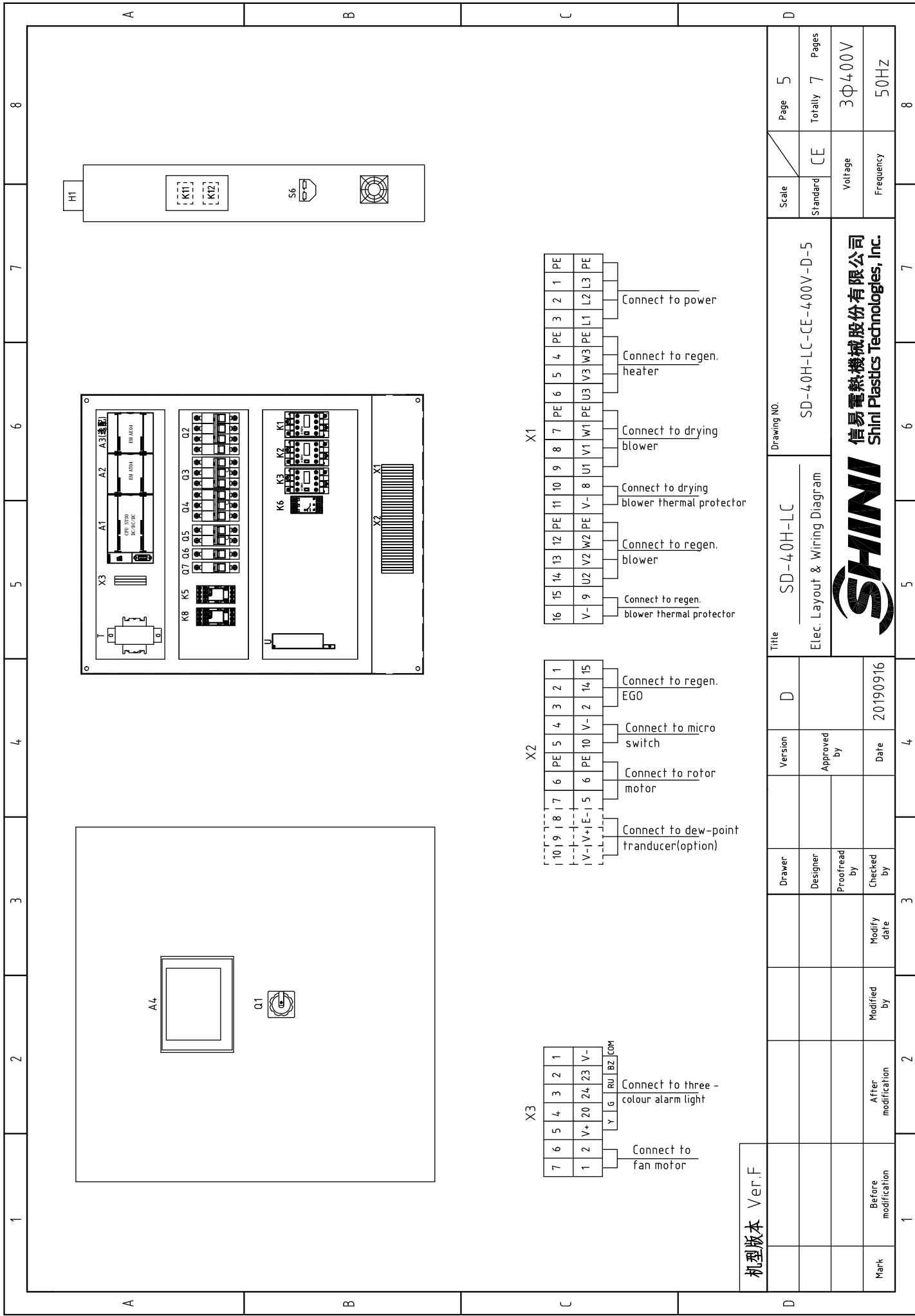


Scale	Page 3
Standard	Totally 7 Pages
CE	
Voltage	3Φ400V
Frequency	50Hz



机型版本 Ver.F

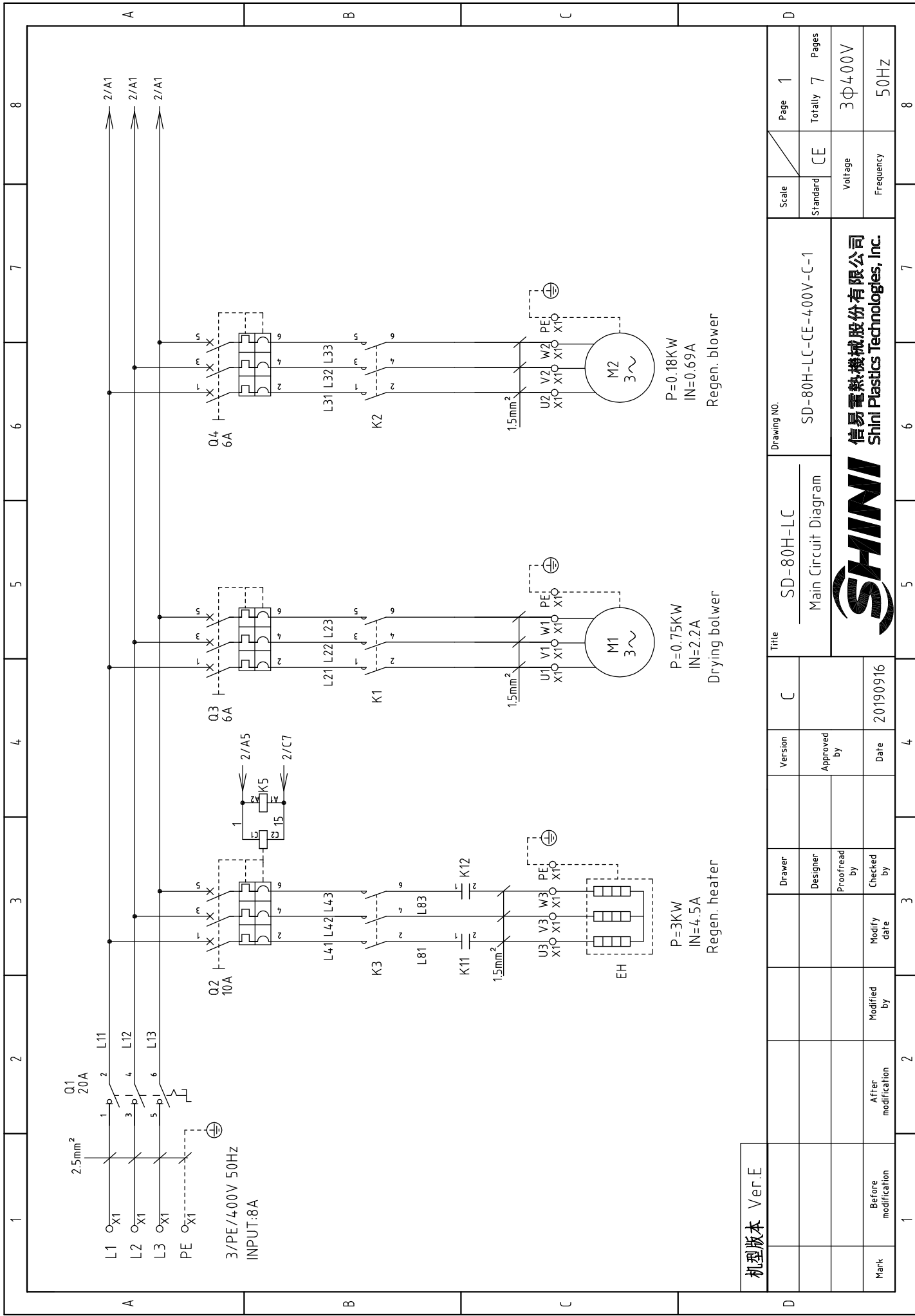
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										SD-40H-LC-CE-400V-D-4		Voltage		3Φ400V
										Control Circuit Diagram 3		Frequency		50Hz
										信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.				



机 型 版 本 Ver.F	Drawing NO.		Scale	Page
	SD-40H-LC-CE-400V-D-5		Standard	Totally
Title		Voltage		Pages
Elec. Layout & Wiring Diagram		CE		7
SHINI		Frequency		3Φ400V
信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Frequency		50Hz
Mark	Before modification	After modification	Modified by	1
	Modify date	Checked by	Proofread by	2
	Date	Approved by	Version	3
	20190916		D	4
				5
				6
				7
				8

1		2		3		4		5		6		7		8	
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark							
26	X1	Terminal board	Honeywell	SK4.0	4.0mm ²	12	YE60000403200								
27		Terminal board	Honeywell	GK5PE	4.0mm ² PE	4	YE60000403500								
28		Terminal board	Honeywell	SK2.5	2.5mm ²	4	YE60002503200								
29	X2	Terminal board	Honeywell	SK2.5	2.5mm ²	7	YE60002503200								
30		Terminal board	Honeywell	GK2.5PE	2.5mm ² PE	1	YE60002503400								
31		Terminal board	Honeywell	SK2.5	2.5mm ²	3	YE60002503200	(2)							
32	X3	Terminal board	Honeywell	SK2.5	2.5mm ²	7	YE60002503200								
33		Terminal fittings	Honeywell	E	GK	5	YE60000003900								
34	FM	Fan	SUNON	DP-200A	24VAC 4.0W	1	-----	(1)							
35	M1	Blower	SHINI	----	380-415V 0.18kW	1	-----	(1)							
36	M2	Blower	SHINI	----	380-415V 0.12kW	1	-----	(1)							
37	M3	Rotor motor	----	----	15W 230V 50/60Hz	1	-----	(1)							
38	EH	Pipe heater	SHINI	----	380-415V 3.0kW	1	-----	(1)							
39	H1	3-color alarm light	SHINI	24V AC/DC priority	PCS	1	BL90002401520	(1)							
A															
B															
C															
D															
机版本 Ver.F Notes: (1) Items not installed in the control box; (2) Optional dew-point transducer;															
		Drawer		Version		D		Title		SD-40H-LC		Drawing NO.		Scale	
		Designer		Approved by				Electrical Parts List 2		SD-40H-LC-CE-400V-D-7		Standard		CE	
		Proofread by		Date		20190916						Voltage		3Φ400V	
Mark		After modification		Modify date								Frequency		50Hz	
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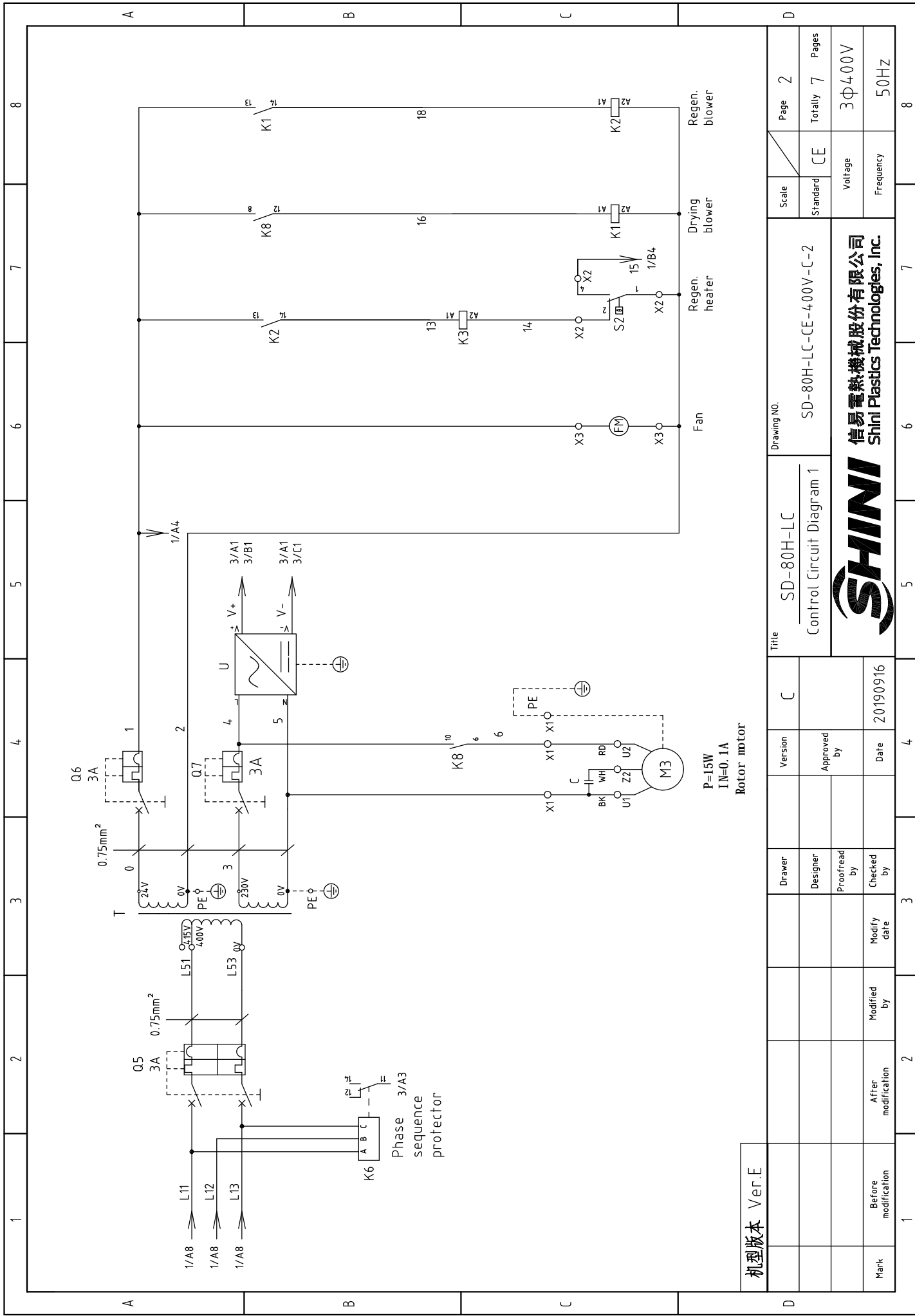


机型版本	Ver.E
Mark	Before modification
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	Modify date
	Checked by
	Proofread by
	Designer
	Drawer

Version	C
Approved by	
Date	20190916

Title		SD-80H-LC	
Drawing No.		SD-80H-LC-CE-400V-C-1	
Main Circuit Diagram		Scale	Page 1
		Standard	Totally 7 Pages
		Voltage	3Φ400V
		Frequency	50HZ

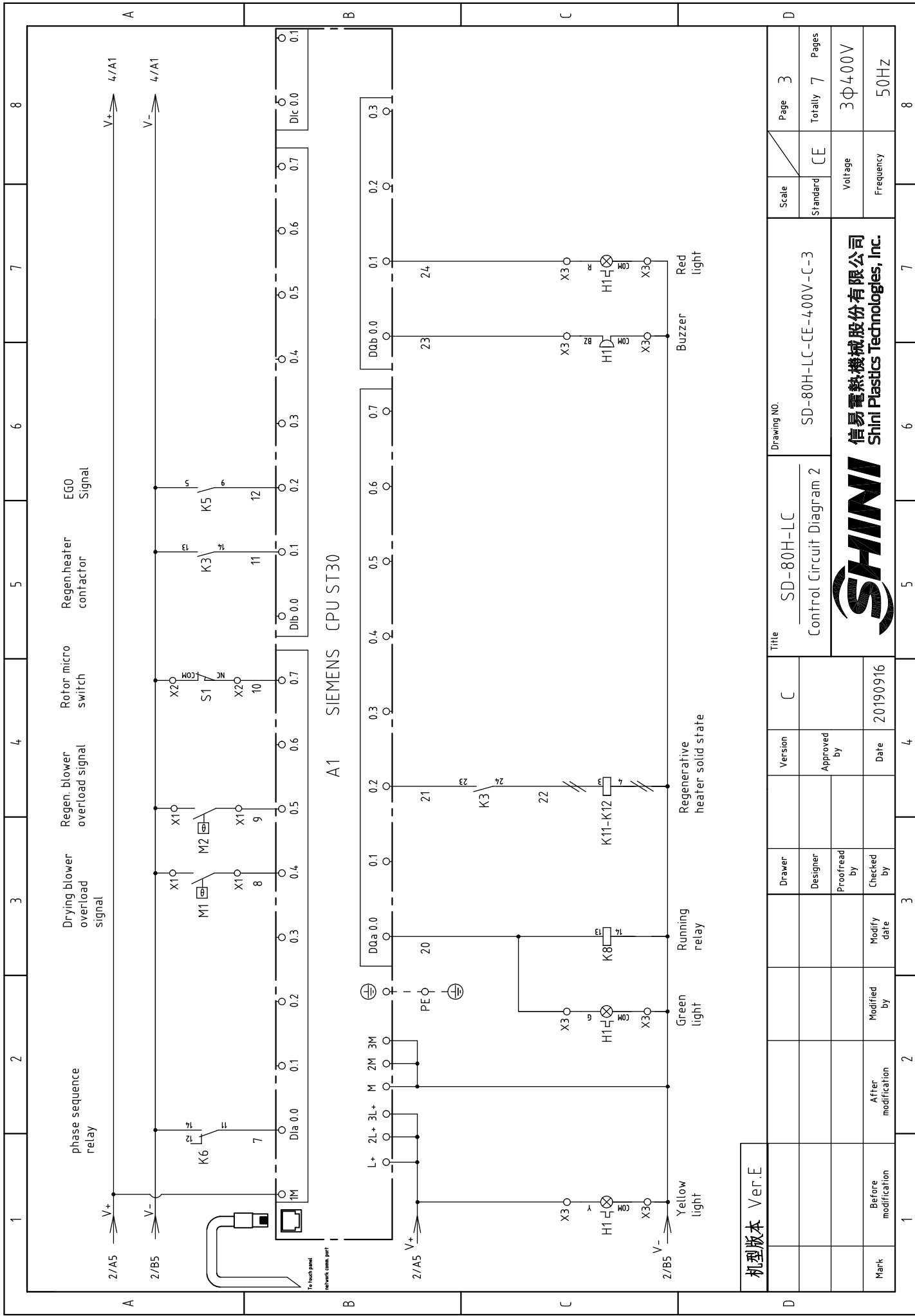




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	Modified by
	Modify date
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	Proofread by
	Designer
	Drawer
	Version
	Approved by
	Date
	20190916

Title		SD-80H-LC	
Drawing No.		SD-80H-LC-CE-4.00V-C-2	
Control Circuit Diagram 1		CE	
Scale		Page 2	
Standard		Totally 7 Pages	
Voltage		3Φ400V	
Frequency		50Hz	

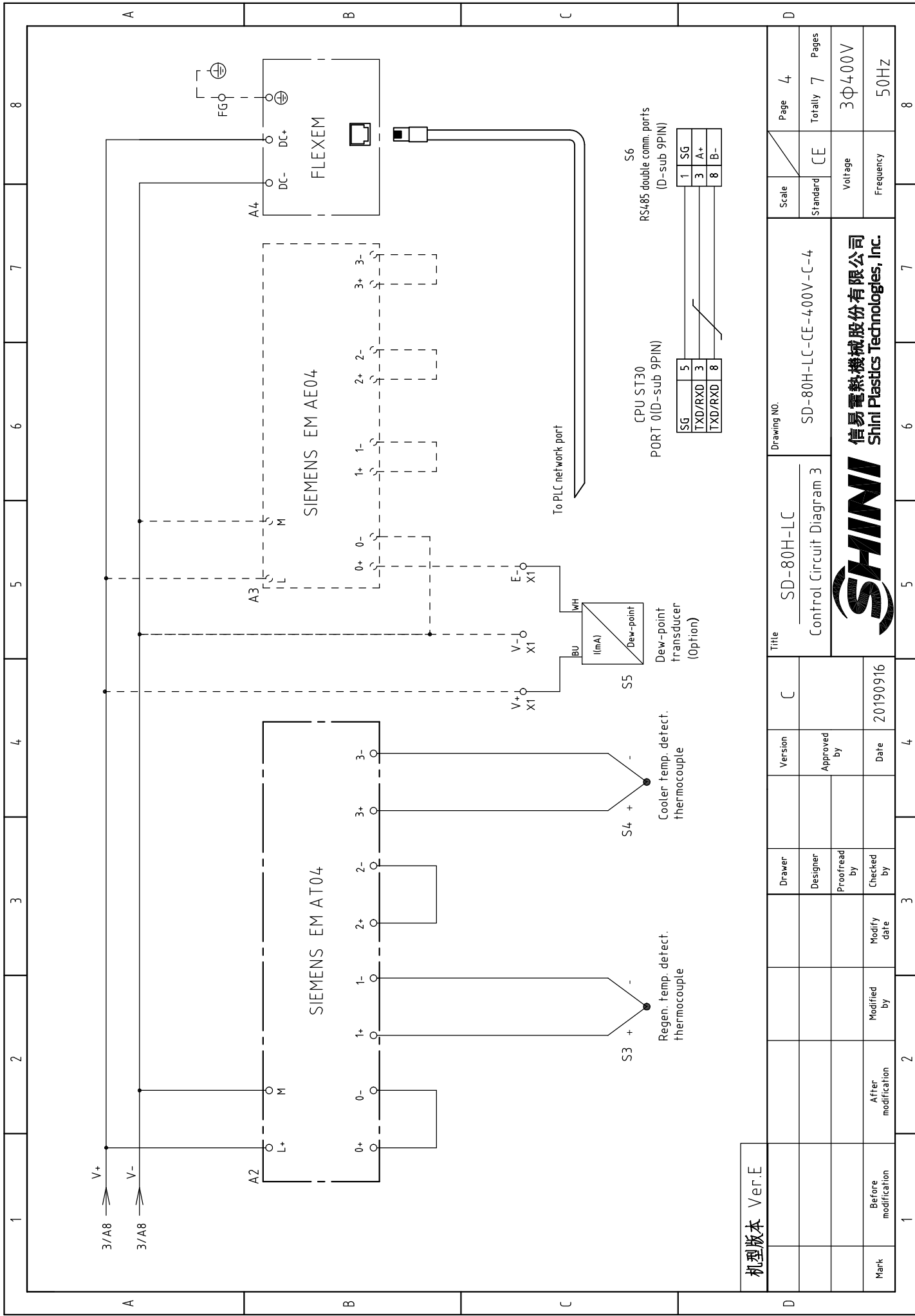




机版本 Ver.E

D	Scale	Page 3	8
	Standard	CE	Totally 7 Pages
Drawing NO.		SD-80H-LC-CE-400V-C-3	
Title		SD-80H-LC Control Circuit Diagram 2	
Version	C		
Approved by			
Date	2019/9/16		
Drawer			
Designer			
Proofread by			
Checked by			
Modify date			
Modified by			
After modification			
Before modification			
Mark			
Voltage		3Φ400V	
Frequency		50HZ	

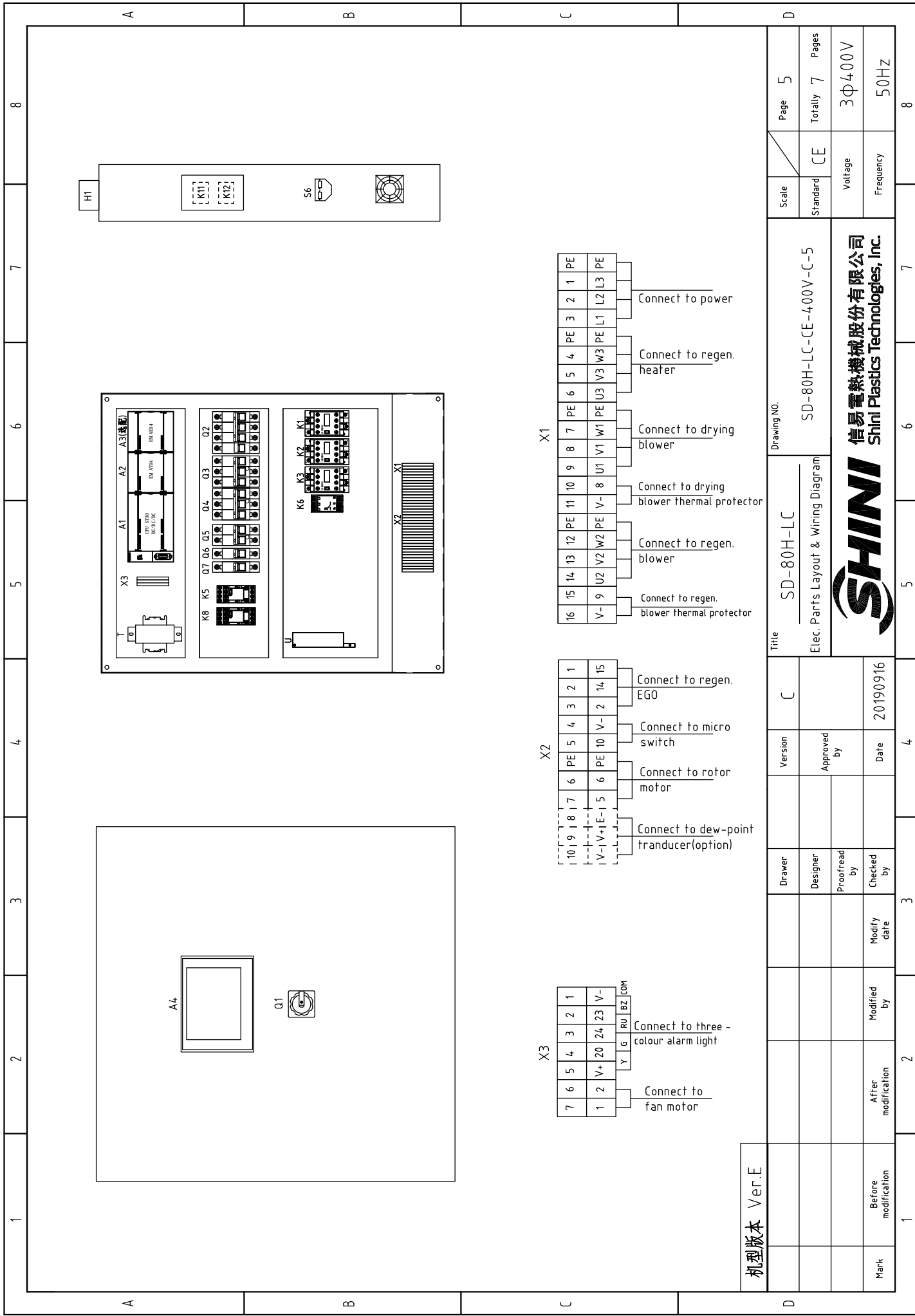




机型版本 Ver.E

Title	SD-80H-LC		Drawing NO.	Page 4
	Control Circuit Diagram 3			
Version		SD-80H-LC-CE-400V-C-4		Voltage 3Φ400V
Approved by				
Date		2019/9/16		
Mark	Before modification	Modified by	Modify date	1 2 3 4 5 6 7 8
	After modification	Checked by		





机版本 Ver.E

Drawer	Version	C	Approved by	Date	20190916
Designer	Proofread by	Checked by	Modify date		
Mark	Before modification	After modification	Modified by		

Title		SD-80H-LC		Drawing NO.		SD-80H-LC-CE-400V-C-5	
Elec. Parts Layout & Wiring Diagram		Scale		Standard		CE	
Voltage		Frequency		Page		5	
3Φ400V		50HZ		Totally		7	
Pages		Voltage		Frequency		3Φ400V	
50HZ		CE		Page		5	



X3

7	6	5	4	3	2	1
1	2	V+	20	24	23	V-
		Y	L	R	BZ	COM

Connect to fan motor

Connect to three - colour alarm light

X2

10	9	8	7	6	PE	5	4	3	2	1	
V-	V+	E-	1	5	6	PE	10	V-	2	14	15

Connect to dew-point transducer(option)

Connect to rotor motor

Connect to micro switch

Connect to regen. EGO

X1

16	15	14	13	12	PE	11	10	9	8	7	PE	6	5	4	PE	3	2	1	PE
V-	9	U2	V2	W2	PE	V-	8	U1	V1	W1	PE	U3	W3	PE	L1	L2	L3	PE	PE

Connect to regen. blower thermal protector

Connect to regen. blower

Connect to drying blower thermal protector


Connect to drying blower

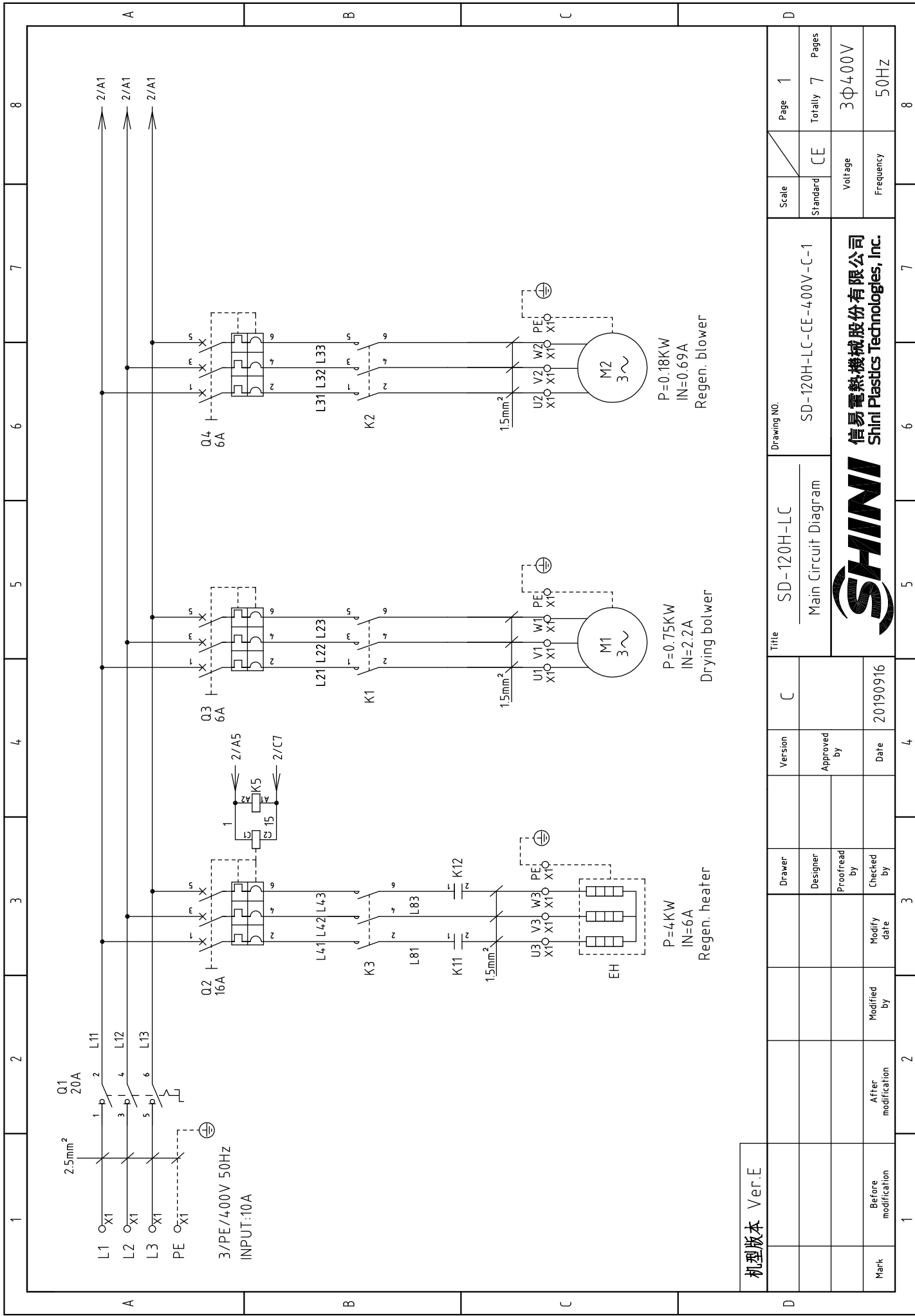
Connect to regen. heater

Connect to power

1		2		3		4		5		6		7		8	
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark							
1	Q1	Main power switch	EATON	T0-2-1/EA/SVB	20A	1	YE10021160000								
2	Q2	Circuit breaker	TECO	BM-63C 3P	10A	1	YE40301003000								
3	Q3 Q4	Excitation release	YIJIN	MX	24VAC	1	YE40024000000								
4	Q5	Circuit breaker	TECO	BM-63C 3P	6A	2	YE40300603000								
5	Q6 Q7	Circuit breaker	TECO	BM-63C 2P	3A	1	YE40200203000								
6	Q6 Q7	Circuit breaker	TECO	BM-63C 1P	3A	2	YE40100203000								
7	K1 K2 K3	Contact	SIEMENS	3RT6015-1AB01-24VAC	24VAC 50/60Hz	3	YE00601502500								
8		Auxiliary contact	SIEMENS	3RH6911	1AA10	1	YE00691110000								
9	K5	Middle relay	Honeywell	GR-2C base PGR-2C-E	AC24V	1	YE03022400300								
10	K6	Phase sequence protector	CHAOSHI	ABJ-10W	400V 50/60Hz	1	YE03103800000								
11	K8	Middle relay	Honeywell	GR-4C-DC24V base PGR-4C-E	DC24V	1	YE03042400500								
12	K11 K12	Solid-state relay	FOTEK	KSR-40DA-H	40A/480VAC/4-32VDC	2	YE03404003200								
13	A1	Programmable logic controller	SIEMENS	CPU ST30 DC/DC/DC	24VDC	1	YE81003006100								
14	A2	PLC extended module	SIEMENS	4-point thermocouple temp. module EM AT04	24VDC	1	YE82000400300								
15	A3	PLC extended module	SIEMENS	4-point input analog quantity module EM AE04	24VDC	1	YE82000400100	(2)							
16	A4	Human-machine interface	FLEXEM	F007R	24VDC	1	YE80072400000								
17	T	Transformer	JIUXIN	IN=400V/45V OUT=24V/230V	120VA 350MA	1	YE70040007300								
18	U	DC power	MEAN WELL	S-35-24	IN=230V OUT=DC24V 1.5A	1	YE71352400100								
19	S1	Micro switch	----	----	24V	1	----	(1)							
20	S2	Overheat protector	TONGBAO	WR-A-50-300-1000-3	250V~5(4)A	1	----	(1)							
21	S3 S4	Thermocouple	SHINI	ST-K	K	2	----	(1)							
22	S5	Dew-point transducer	SUTO	217-OEM	POWER=24VDC OUT=4-20mA	1	YE90021700100	(1)(2)							
23	S6	Communication interface board RS-485 (double Dsub-9pin connector)	YUYUN	----	PCS	1	YE90048501200								
24		Shell RS485(SAL-700G-A-19)ver0	BINCHENG	----	PCS	1	YR40048500000								
25		Super 5 network jumper	----	2M	BA	1	YE9000201600								
机型号本 Ver.E		Notes: (1)Means it's not the material inside the control box. (2) Dew-point option;													
		Drawer	Version	Title		Drawing NO.		Scale	Page		Standard		Pages		
		Designer	Approved by	SD-80H-LC		SD-80H-LC-CE-400V-C-6		CE	6		CE		7		
		Proofread by	Date	Electrical Parts List 1				Voltage		Frequency		3Φ400V		50Hz	
Mark		After modification	Modified by	Modify date	20190916										
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																																																																																																								
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33		Terminal fittings E/GK series	Honeywell	E	GK	5	YE60000003900																																																																																																									
34	FM	Fan	SUNON	DP-200A	24VAC 40W	1	-----	(1)																																																																																																								
35	M1	Blower	SHINI	----	380-415V 0.75kW	1	-----	(1)																																																																																																								
36	M2	Blower	SHINI	----	380-415V 0.18kW	1	-----	(1)																																																																																																								
37	M3	Rotor motor	----	----	15W 230V 50/60Hz	1	-----	(1)																																																																																																								
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机型版本 Ver.E	Notes: (1)Means it's not the material inside the control box. (2) Dew-point option;										Scale		Page 7																																																																																																			
	Title		Version		D		Drawing NO.		SD-80H-LC		SD-80H-LC-CE-400V-C-7		Standard CE		Totally 7 Pages																																																																																																	
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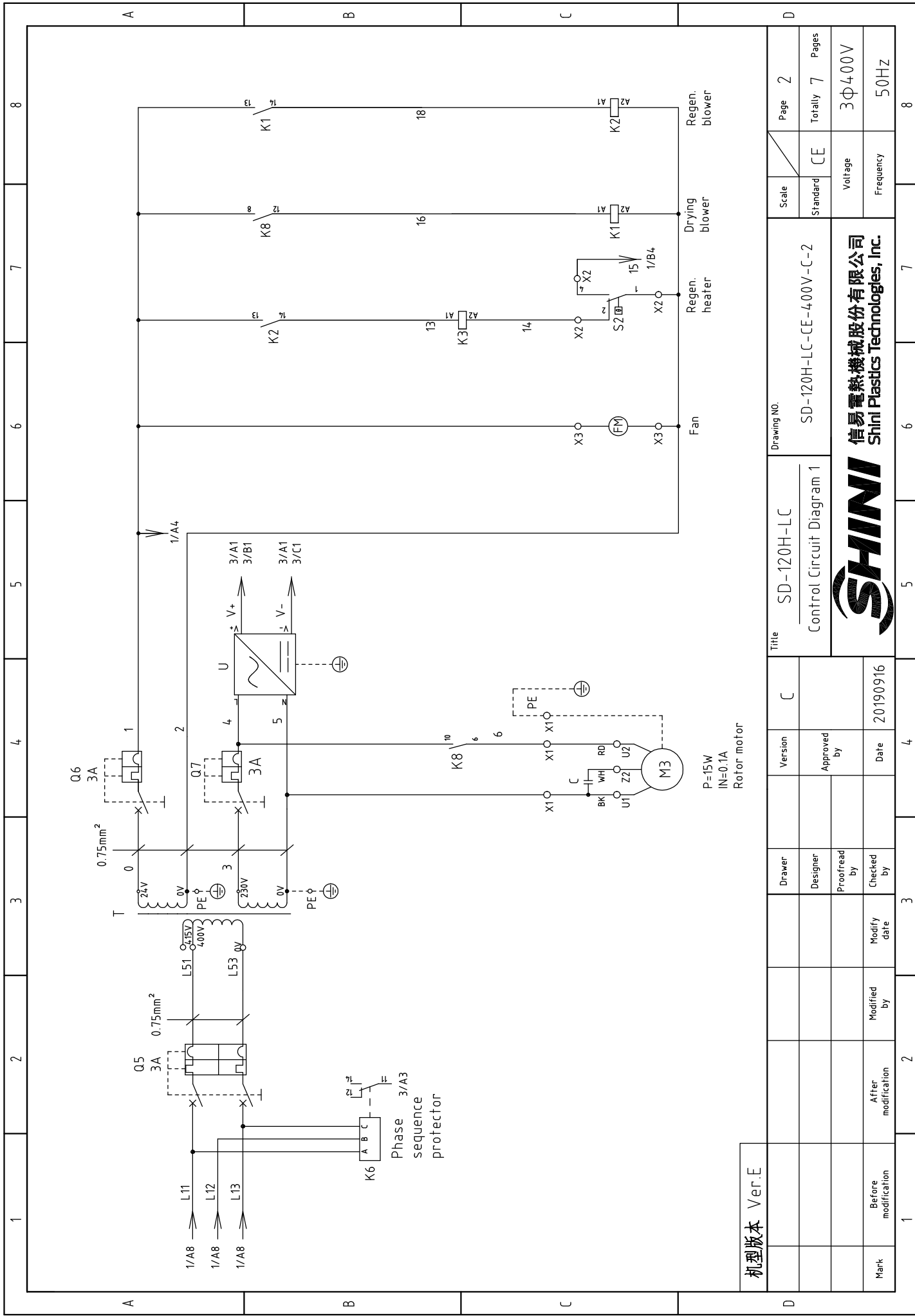


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	Modified by
	Modify date
	Checked by
	Proofread by
	Designer
	Drawer
	Approved by
	Date
	20190916

Version	C
Title	
SD-120H-LC	
Main Circuit Diagram	
Drawing NO.	
SD-120H-LC-CE-400V-C-1	

Scale	Page 1
Standard	Totally 7
CE	Pages
Voltage	3Φ400V
Frequency	50Hz

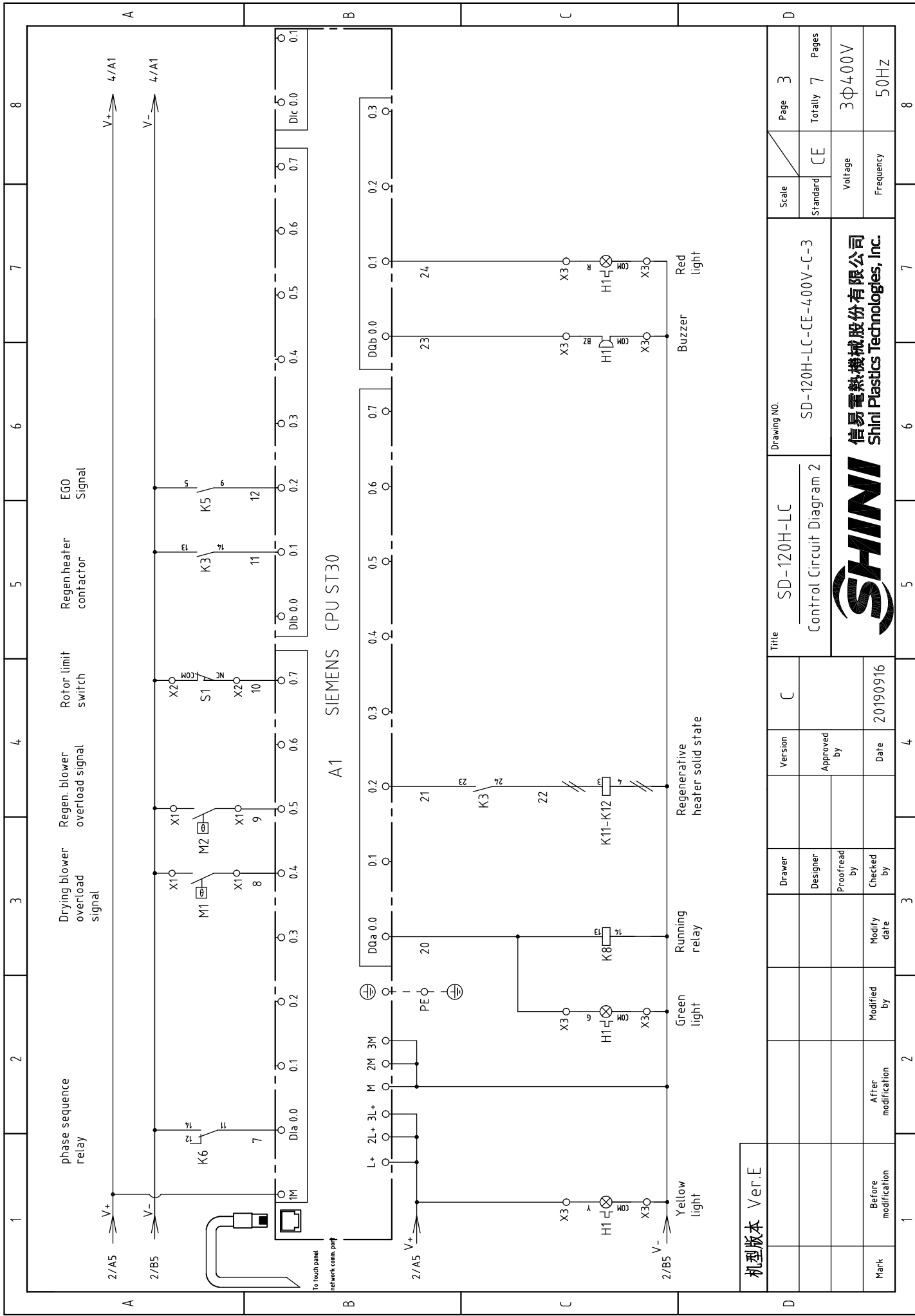
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 Shini Plastics Technologies, Inc.



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	After modification
	Modified by
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	Proofread by
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	Drawer
	Version
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Title		SD-120H-LC	
Drawing NO.		SD-120H-LC-CE-400V-C-2	
Control Circuit Diagram 1		CE	
Scale		Page 2	
Standard		Totally 7 Pages	
Voltage		3Φ400V	
Frequency		50Hz	



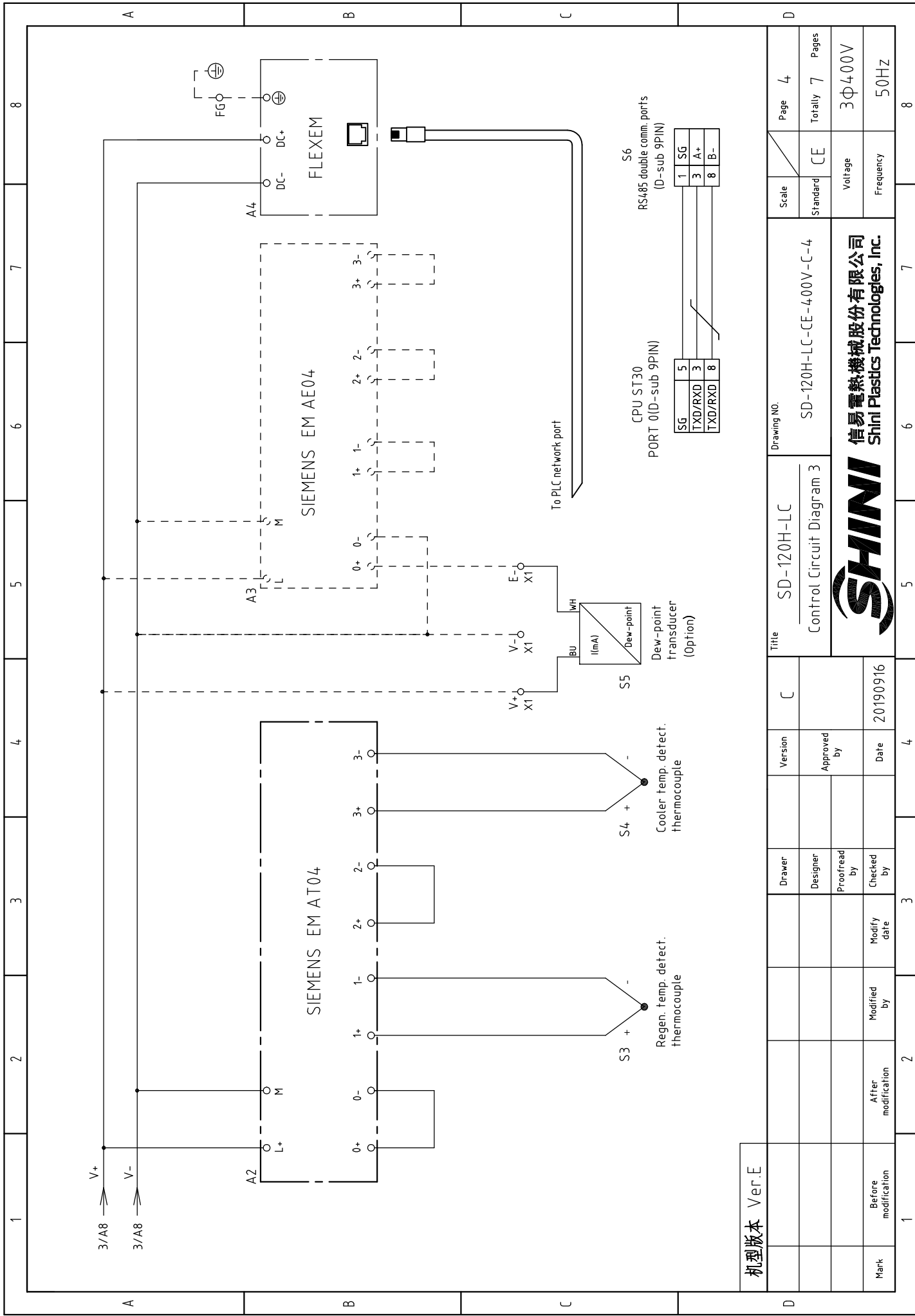


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	Checked by
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	Designer
	Drawer

Title		SD-120H-LC	
Version		C	
Approved by			
Date		20190916	

Drawing NO.		SD-120H-LC-CE-400V-C-3	
Standard		CE	
Voltage		3Φ400V	
Frequency		50Hz	
Scale	Page	3	8
	Totally	7	
	Pages		

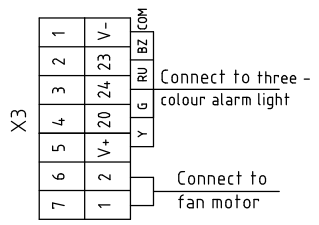
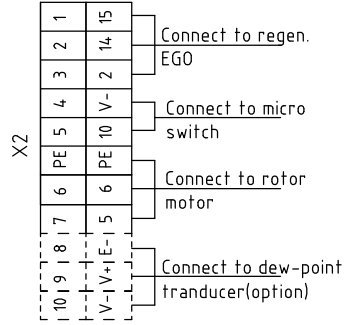
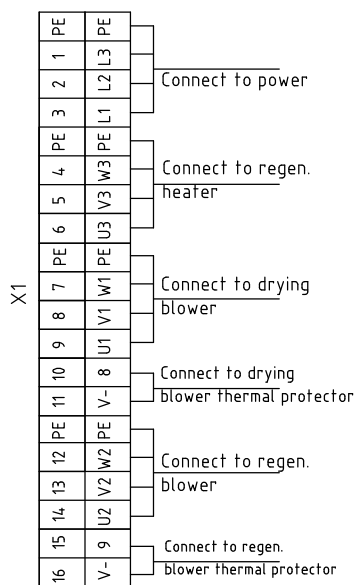
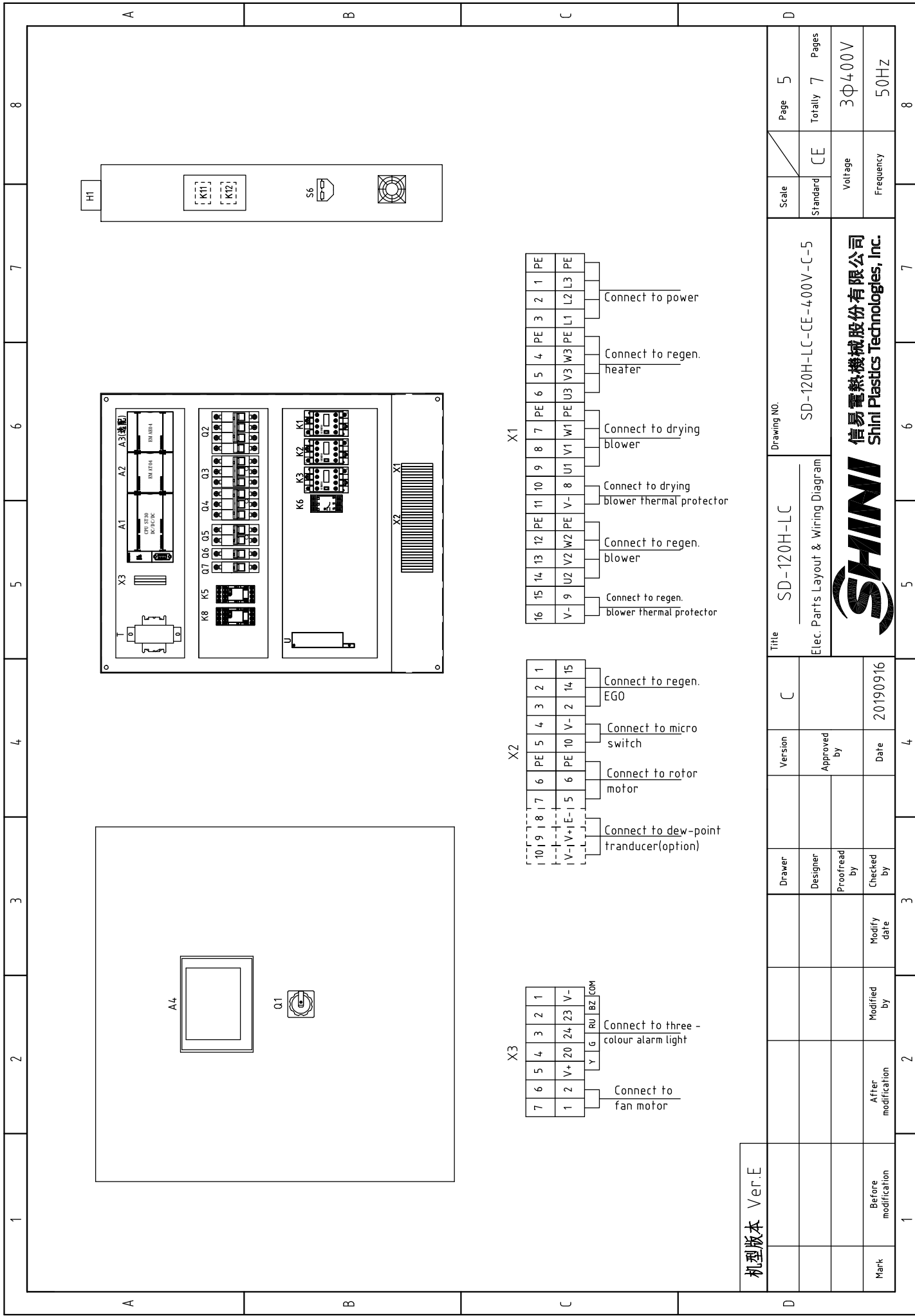




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Title	SD-120H-LC		Version	C	Drawer	Designer	Proofread by	Checked by	Modify date	After modification	Before modification	Mark	Date	2019/9/16	Approved by	Date	2019/9/16	Drawing No.	SD-120H-LC-CE-400V-C-4		Standard	CE	Scale	Page 4	Totally 7	Pages
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													3Φ400V		50Hz											



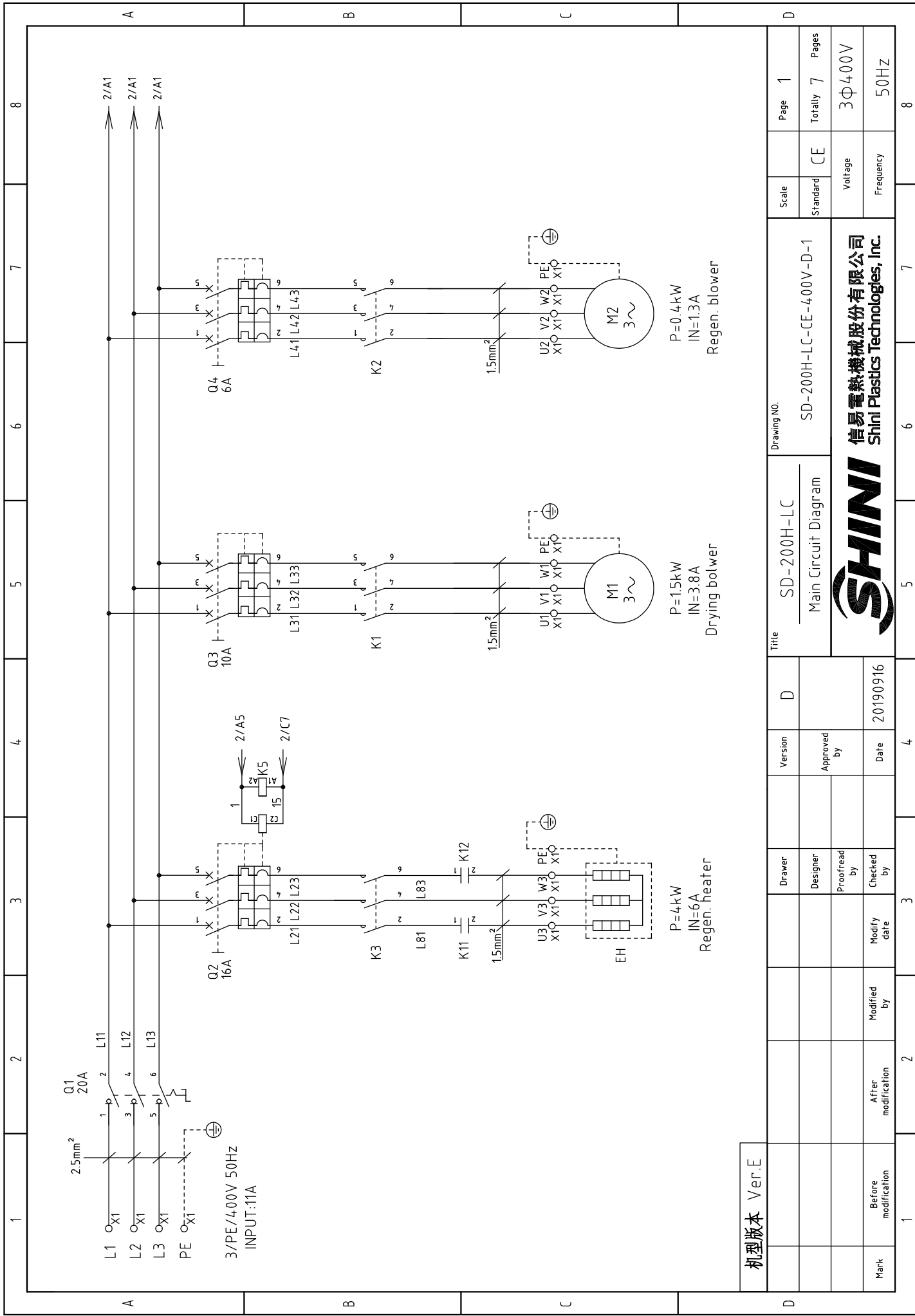


机版本 Ver.E	Title		Drawing No.		Scale	Page
	SD-120H-LC		SD-120H-LC-CE-400V-C-5		CE	5
Mark	Elec. Parts Layout & Wiring Diagram		Voltage		Pages	
	信易电热机械股份有限公司 Shini Plastics Technologies, Inc.		3Φ400V		Totally 7	
Before modification	After modification	Modified by	Modify date	Checked by	Date	Frequency
					20190916	50Hz

1		2		3		4		5		6		7		8		
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark								
1	Q1	Main power switch	EATON	T0-2-1/EA/SVB	20A	1	YE10021160000									
2	Q2	Circuit breaker	TECO	BM-63C 3P	16A	1	YE40301603000									
3		Excitation release	YUJIN	MX	24VAC	1	YE40024000000									
4	Q3 Q4	Circuit breaker	TECO	BM-63C 3P	6A	2	YE40300603000									
5	Q5	Circuit breaker	TECO	BM-63C 2P	3A	1	YE40200203000									
6	Q6 Q7	Circuit breaker	TECO	BM-63C 1P	3A	2	YE40100203000									
7	K1 K2 K3	Contact	SIEMENS	3RT6015-1AB01-24VAC	24VAC 50/60Hz	3	YE00601502500									
8		Auxiliary contact	SIEMENS	3RH6911	1AA10	1	YE00691110000									
9	K5	Middle relay	Honeywell	GR-2C base PGR-2C-E	AC24V	1	YE030224-00300									
10	K6	Phase sequence protector	CHAOSHI	ABJ-10W	400V 50/60Hz	1	YE03103800000									
11	K8	Middle relay	Honeywell	GR-4C-DC24V base PGR-4C-E	DC24V	1	YE03042400500									
12	K11 K12	Solid-state relay	FOTEK	KSR-40DA-H	40A/480VAC/4-32VDC	2	YE03404003200									
13	A1	Programmable logic controller	SIEMENS	CPU ST30 DC/DC/DC	24VDC	1	YE81003006100									
14	A2	PLC extended module	SIEMENS	4-point thermocouple temp. module EM AT04	24VDC	1	YE82000400300									
15	A3	PLC extended module	SIEMENS	4-point input analog quantity module EM AE04	24VDC	1	YE82000400100	(2)								
16	A4	Human-machine interface	FLEXEM	F007R	24VDC	1	YE80072400000									
17	T	Transformer	JIUXIN	IN=400V/4.15V OUT=24V/230V	120VA 350MA	1	YE70040007300									
18	U	DC power	MEAN WELL	S-35-24	IN=230V OUT=DC24V 1.5A	1	YE71352400100									
19	S1	Micro switch	----	----	24V	1	----	(1)								
20	S2	Overheat protector	TONGBAO	WR-A-50-300-1000-3	250V~5(A)A	1	----	(1)								
21	S3 S4	Thermocouple	SHINI	ST-K	K	2	----	(1)								
22	S5	Dew-point transducer	SUTO	217-OEM	POWER=24VDC OUT=4-20mA	1	YE90021700100	(1)(2)								
23	S6	Communication interface board RS-485 (double D-sub-9pin connector)	YUYUN	----	PCS	1	YE90048501200									
24		Shell RS485(SAL-700G-A-19)ver.0	BINCHEG	----	PCS	1	YR40048500000									
25		Super 5 network jumper	----	2M	BA	1	YE9000201600									
机版本 Ver.E															Notes: (1)Means it's not the material inside the control box. (2) Dew-point option;	
		Drawer	Designer	Proofread by	Checked by	Modify date	Modified by	After modification	Title		Version		C		Drawing No.	
						20190916			SD-120H-LC		C		SD-120H-LC-CE-400V-C-6		Page 6	
									Electrical Parts List 1		Approved by		Standard		Page 7	
									SHINI		Date		CE		Totally 7	
									信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Voltage		Voltage		Pages	
											Date		Frequency		50Hz	
Mark		Before modification	Modified by	Modify date	Checked by	20190916	Modified by	After modification			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							
26	X1	Terminal board	Honeywell	SK4.0	4.0mm ²	12	YE60000403200								
27		Terminal board	Honeywell	GK5PE	4.0mm ² PE	4	YE60000403500								
28		Terminal board	Honeywell	SK2.5	2.5mm ²	4	YE60002503200								
29	X2	Terminal board	Honeywell	SK2.5	2.5mm ²	7	YE60002503200								
30		Terminal board	Honeywell	GK2.5PE	2.5mm ² PE	1	YE60002503400								
31		Terminal board	Honeywell	SK2.5	2.5mm ²	3	YE60002503200	(2)							
32	X3	Terminal board	Honeywell	SK2.5	2.5mm ²	7	YE60002503200								
33		Terminal fittings E/GK series	Honeywell	E	GK	5	YE60000003900								
34	FM	Fan	SUNON	DP-200A	24VAC 40W	1	-----	(1)							
35	M1	Blower	SHINI	----	380-415V 0.75kW	1	-----	(1)							
36	M2	Blower	SHINI	----	380-415V 0.18kW	1	-----	(1)							
37	M3	Rotor motor	----	----	15W 230V 50/60Hz	1	-----	(1)							
38	EH	Pipe heater	SHINI	----	380-415V 3.0kW	1	-----	(1)							
39	H1	3-color alarm light	SHINI	24V AC/DC priority	PCS	1	BL90002401520	(1)							
A															
B															
C															

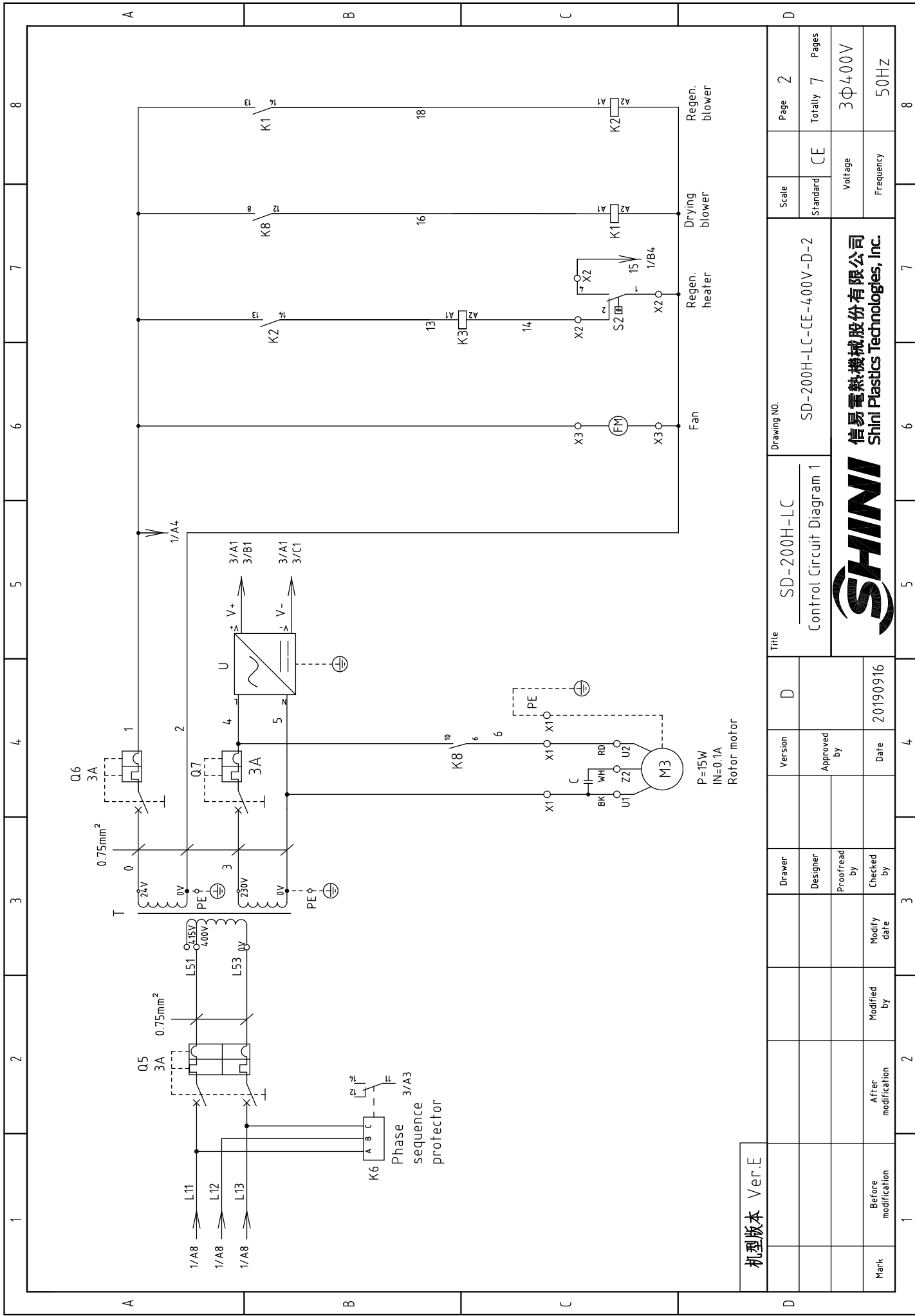
机型版本 Ver.E	Notes: (1)Means it's not the material inside the control box. (2) Dew-point option;												
	Drawer	Designer	Proofread by	Checked by	Modify date	Modified by	After modification	Before modification	Mark	Version	D	Date	20190916
Title		SD-120H-LC		Electrical Parts List 2		Drawing NO.		SD-120H-LC-CE-400V-C-7		Scale		Page 7	
Standard		CE		Voltage		3Φ400V		Frequency		50Hz		Totally 7 Pages	
SHINI		信易電熱機械股份有限公司		Shini Plastics Technologies, Inc.		5		6		7		8	



机型版本	Ver.E
Mark	Before modification
	After modification
	Modified by
	Modify date
	Checked by
	Proofread by
	Designer
	Drawer
Version	D
Approved by	
Date	20190916

Title	SD-200H-LC
Main Circuit Diagram	
Drawing NO.	SD-200H-LC-CE-400V-D-1
Scale	CE
Standard	CE
Voltage	3Φ400V
Frequency	50Hz

Page	1
Totally	7
Pages	7
 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.	

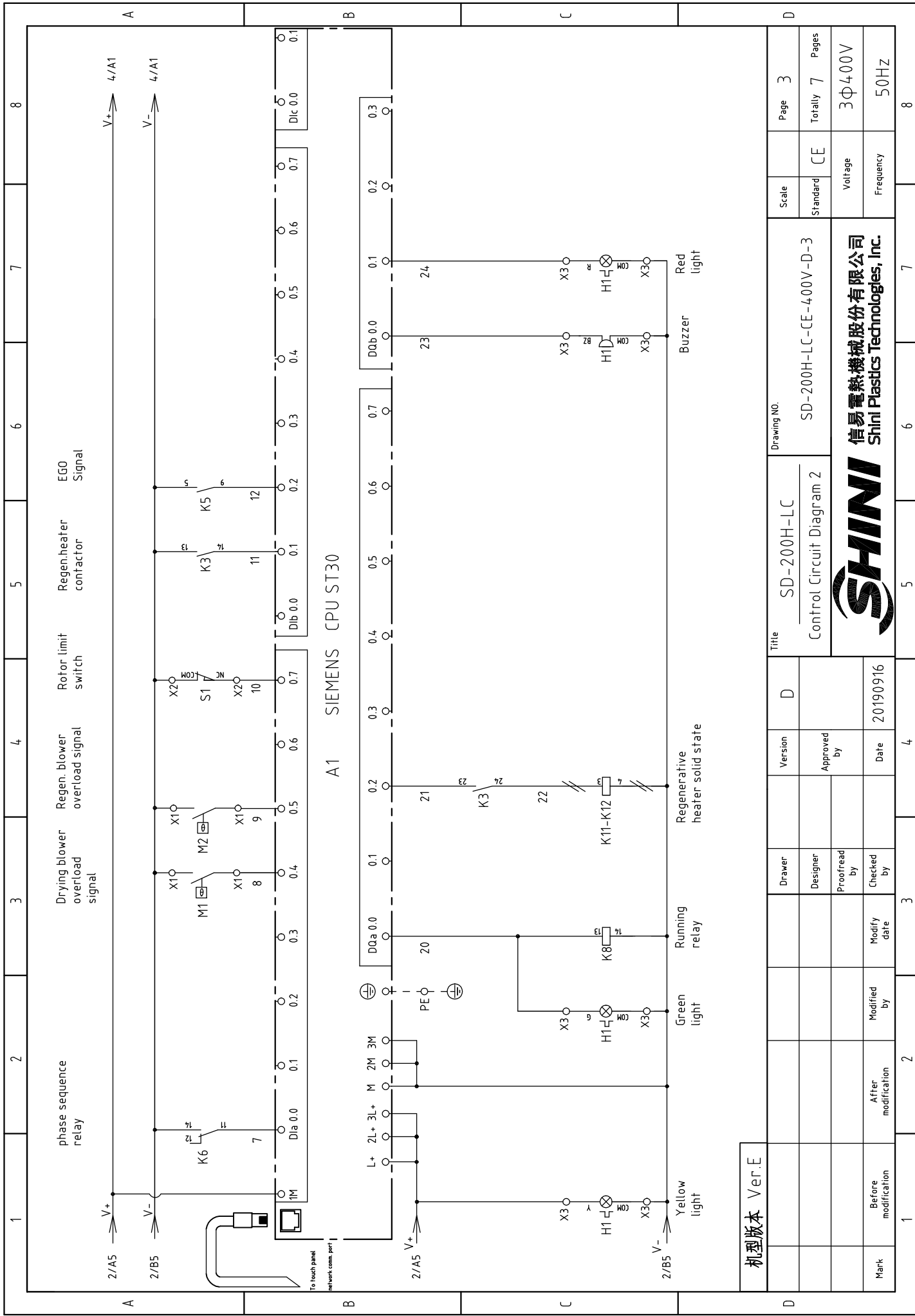


机型版本 Ver.E

Title		SD-200H-LC		Drawing No.		SD-200H-LC-CE-400V-D-2		Page 2	
Control Circuit Diagram 1								Standard CE	
Version		D		Approved by		Date		Voltage	
Designer				Checked by		20190916		Frequency	
Proofread by				Modified by		Modify date		3Φ400V	
Mark		Before modification		After modification				50Hz	
1		2		3		4		7	
8		6		5		6		8	



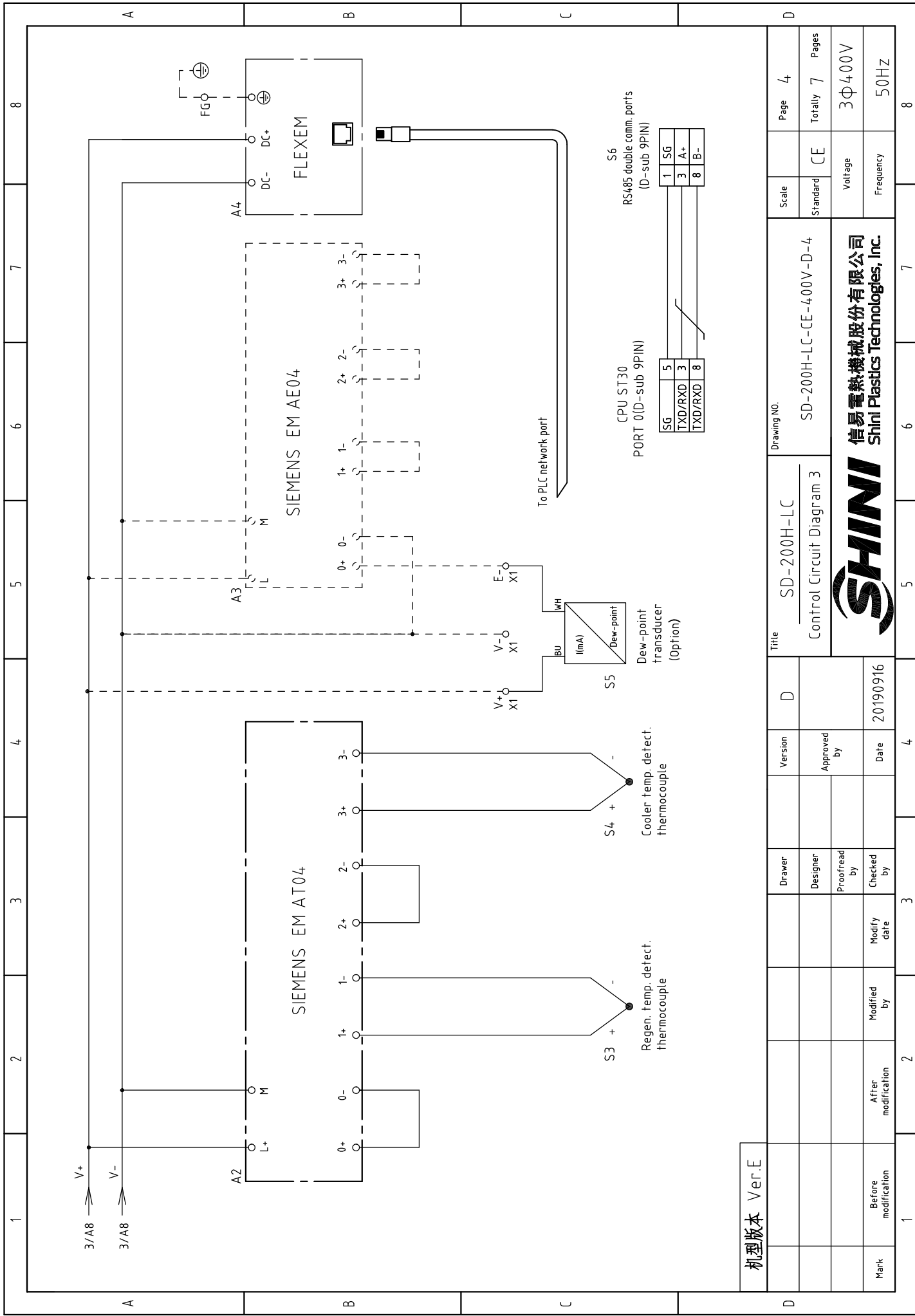
P=15W
IN=0.1A
Rotor motor



机型版本 Ver.E

Title		Drawing NO.		Scale	Page
SD-200H-LC		SD-200H-LC-CE-400V-D-3		CE	3
Control Circuit Diagram 2				Standard	Totally 7
				Voltage	3Φ400V
				Frequency	50HZ
Version	D				
Approved by					
Date	20190916				
Drawer					
Designer					
Proofread by					
Checked by					
Modify date					
Modified by					
After modification					
Before modification					
Mark					





机型版本	Ver.E
Mark	Before modification
	After modification
	Modify date
	Checked by
	Proofread by
	Designer
	Drawer
Version	D
Approved by	
Date	20190916

Title		SD-200H-LC	
Control Circuit Diagram 3		Drawing No.	
		SD-200H-LC-CE-400V-D-4	
Scale		Page 4	
Standard		CE	
Voltage		3Φ400V	
Frequency		50Hz	
Totaly		7	
Pages		4	

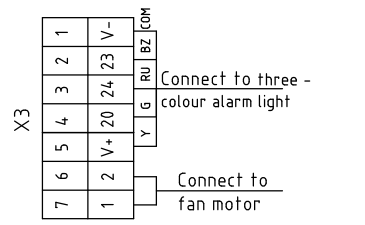
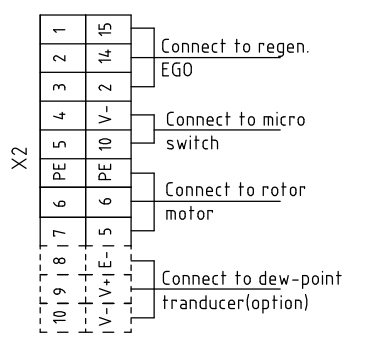
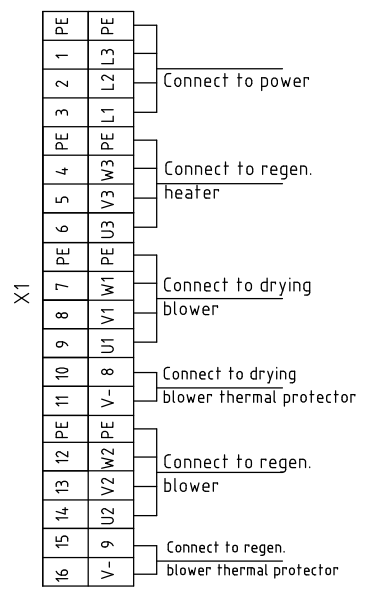
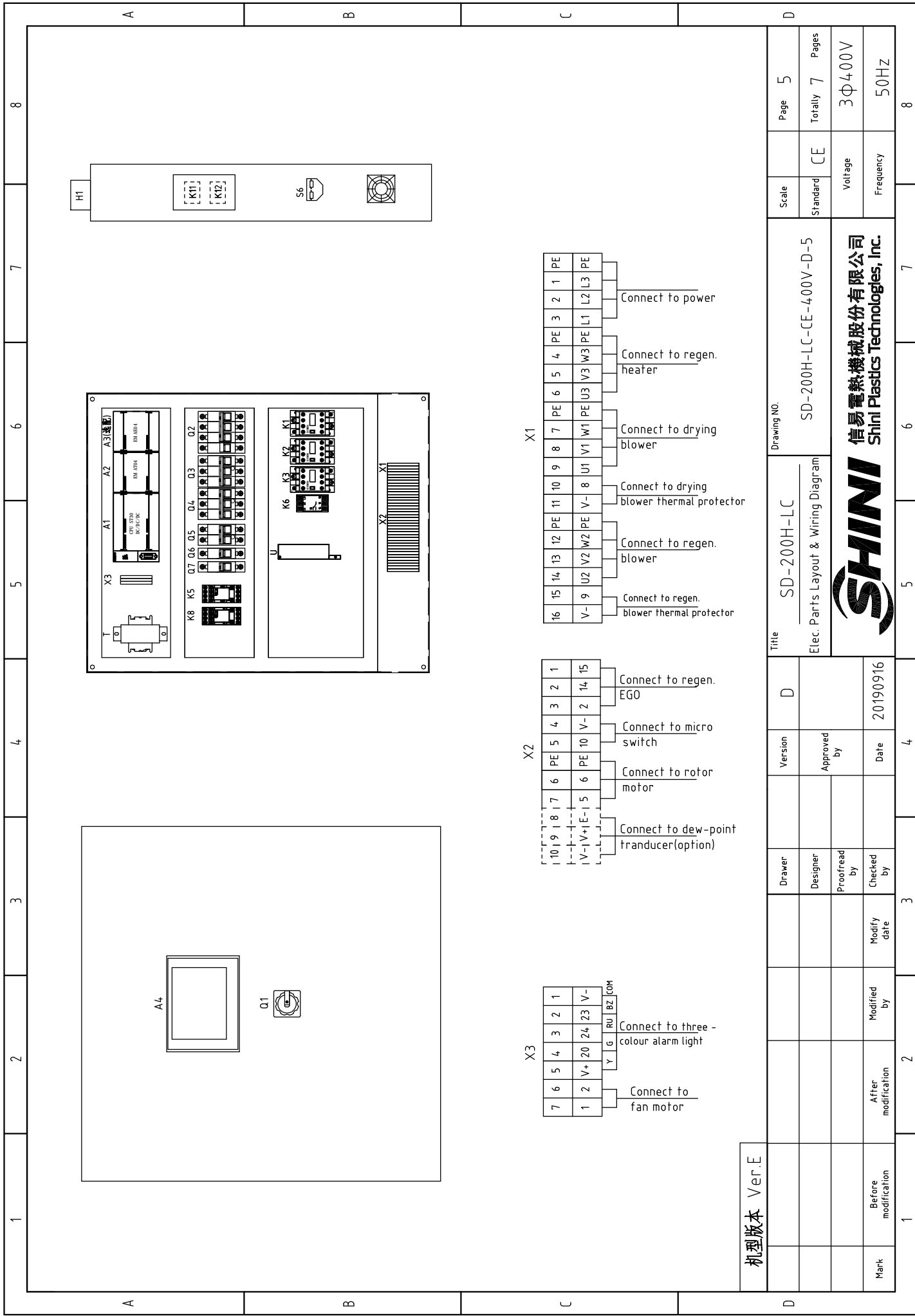
SG	5	1	SG
TXD/RXD	3	3	A+
TXD/RXD	8	8	B-

CPU ST30
PORT 0(D-sub 9PIN)

S6
RS485 double comm. ports
(D-sub 9PIN)

To PLC network port

1	2	3	4	5	6	7	8
---	---	---	---	---	---	---	---

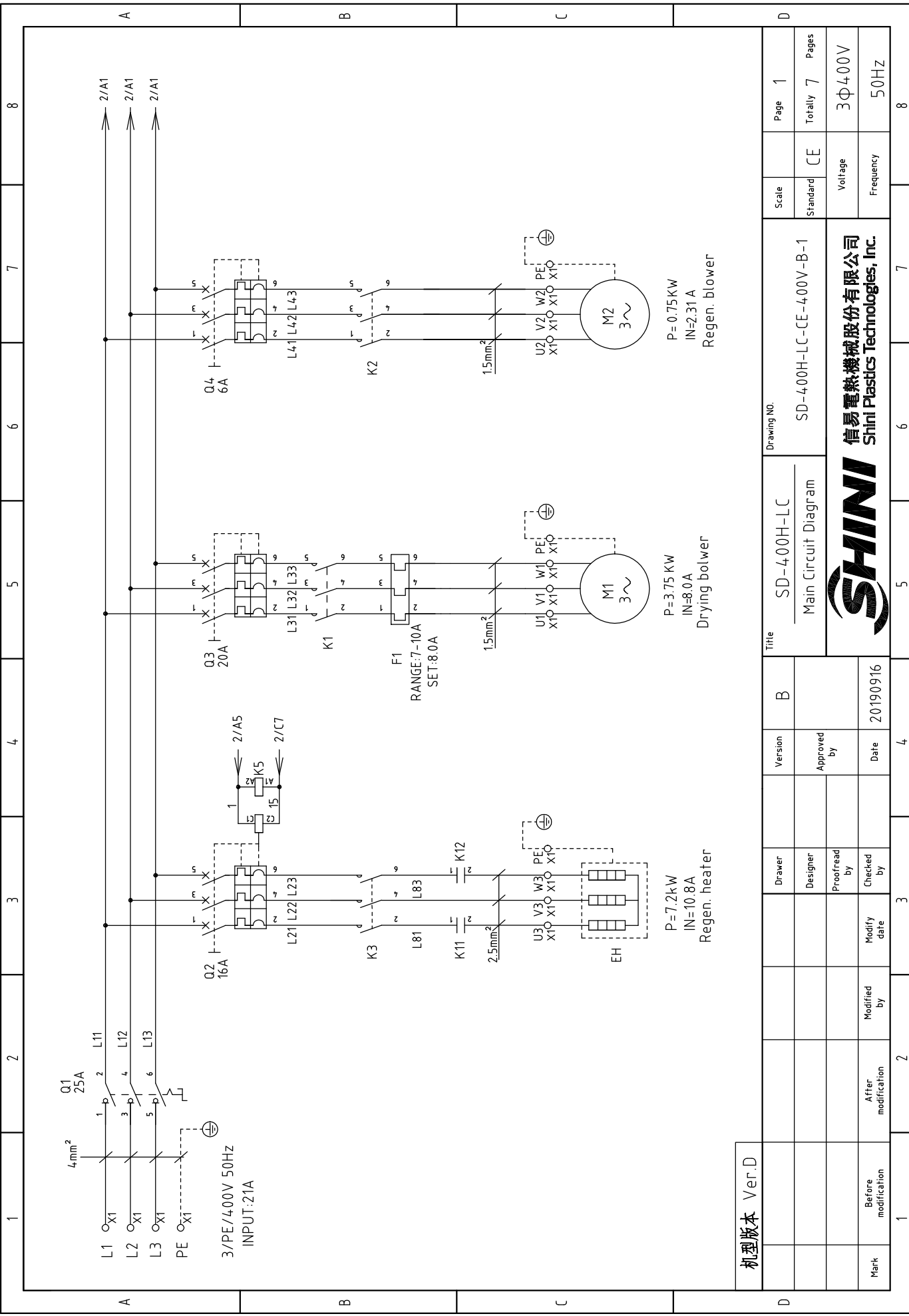


机版本	Ver.E
Mark	Before modification
	Modified by
	Modify date
	Checked by
	Proofread by
	Designer
	Drawer
	Version
	D

Title		SD-200H-LC		Drawing NO.		SD-200H-LC-CE-400V-D-5		Scale		Page 5	
Elec. Parts Layout & Wiring Diagram								Standard		CE	
								Voltage		3Φ400V	
								Frequency		50Hz	
信易電熱機械股份有限公司		SHINI		SHINI		SHINI		Totally		7	
Shini Plastics Technologies, Inc.								Voltage		3Φ400V	
								Frequency		50Hz	

1	2		3	4	5	6	7	8
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark
1	Q1	Main power switch	EATON	TO-2-1/EA/SVB	20A	1	YE10021160000	
2	Q2	Circuit breaker	TECO	BM-63C 3P	16A	1	YE40301603000	
3	Q3	Excitation release	YIJIN	MX	24 VAC	1	YE40024000000	A
4	Q4	Circuit breaker	TECO	BM-63C 3P	10A	1	YE40301003000	
5	Q5	Circuit breaker	TECO	BM-63C 3P	6A	1	YE40300603000	
6	Q6	Circuit breaker	TECO	BM-63C 2P	3A	1	YE40200203000	
7	Q7	Circuit breaker	TECO	BM-63C 1P	3A	2	YE40100203000	
8	K1 K2 K3	Contact	SIEMENS	3RT16015-1AB01-24VAC	24 VAC 50/60Hz	3	YE00601502500	
9	K4	Auxiliary contact	SIEMENS	3RH6911	1AA10	1	YE00691100000	
10	K5	Middle relay	Honeywell	GR-2C base PGR-2C-E	AC24V	1	YE03022400300	
11	K6	Phase sequence protector	CHAOSHI	ABJ-10W	400V 50/60Hz	1	YE03103800000	B
12	K8	Middle relay	Honeywell	GR-4C-DC24V base PGR-4C-E	DC24V	1	YE03042400500	
13	K11 K12	Solid-state relay	FOTEK	KSR-40DA-H	40A/480VAC/4-32VDC	2	YE03404003200	
14	A1	Programmable logic controller	SIEMENS	CPU ST30 DC/DC/DC	24VDC	1	YE81003006100	
15	A2	PLC extended module	SIEMENS	4-point thermocouple temp. module EM AT04	24VDC	1	YE82000400300	
16	A3	PLC extended module	SIEMENS	4-point input analog quantity module EM AE04	24VDC	1	YE82000400100	(2)
17	A4	Human-machine interface	FLEXEM	F007R	24VDC	1	YE80072400000	
18	T	Transformer	JIUXIN	IN=400V/415V OUT=24V/230V	120VA 350MA	1	YE70040007300	
19	U	DC power	MEAN WELL	S-35-24	IN=230V OUT=DC24V 1.5A	1	YE71352400100	
20	S1	Micro switch	----	----	24V	1	----	(1)
21	S2	Overheat protector	TONGBAO	WR-A-50-300-1000-3	250V~5(4)A	1	----	(1)
22	S3 S4	Thermocouple	SHINI	ST-K	K	2	----	(1)
23	S5	Dew-point transducer	SUTO	217-OEM	POWER=24VDC OUT=4-20mA	1	YE90021700100	(1)(2)
24	S6	Communication interface board RS-485 (double Dsub-9pin connector)	YUYUN	----	PCS	1	YE90048501200	
25	S7	Shell RS485(SAL-700G-A-19)ver.0	BINCHEG	----	PCS	1	YR40048500000	
机型版本 Ver.E Notes: (1)Means it's not the material inside the control box. (2) Dew-point option;								
			Drawer	Version	Title		Drawing NO.	
			Designer	D	SD-200H-LC		SD-200H-LC-CE-400V-D-6	
			Proofread by	Approved by	Electrical Parts List 1		Scale	Page 6
			Checked by	Date			Standard	Totally 7 Pages
			Modify date	20190916			Voltage	3Φ4.00V
			Modified by				Frequency	50Hz
Mark	Before modification	After modification						





Scale	Page 1
Standard	Totally 7
CE	Pages
Voltage	3Φ400V
Frequency	50Hz

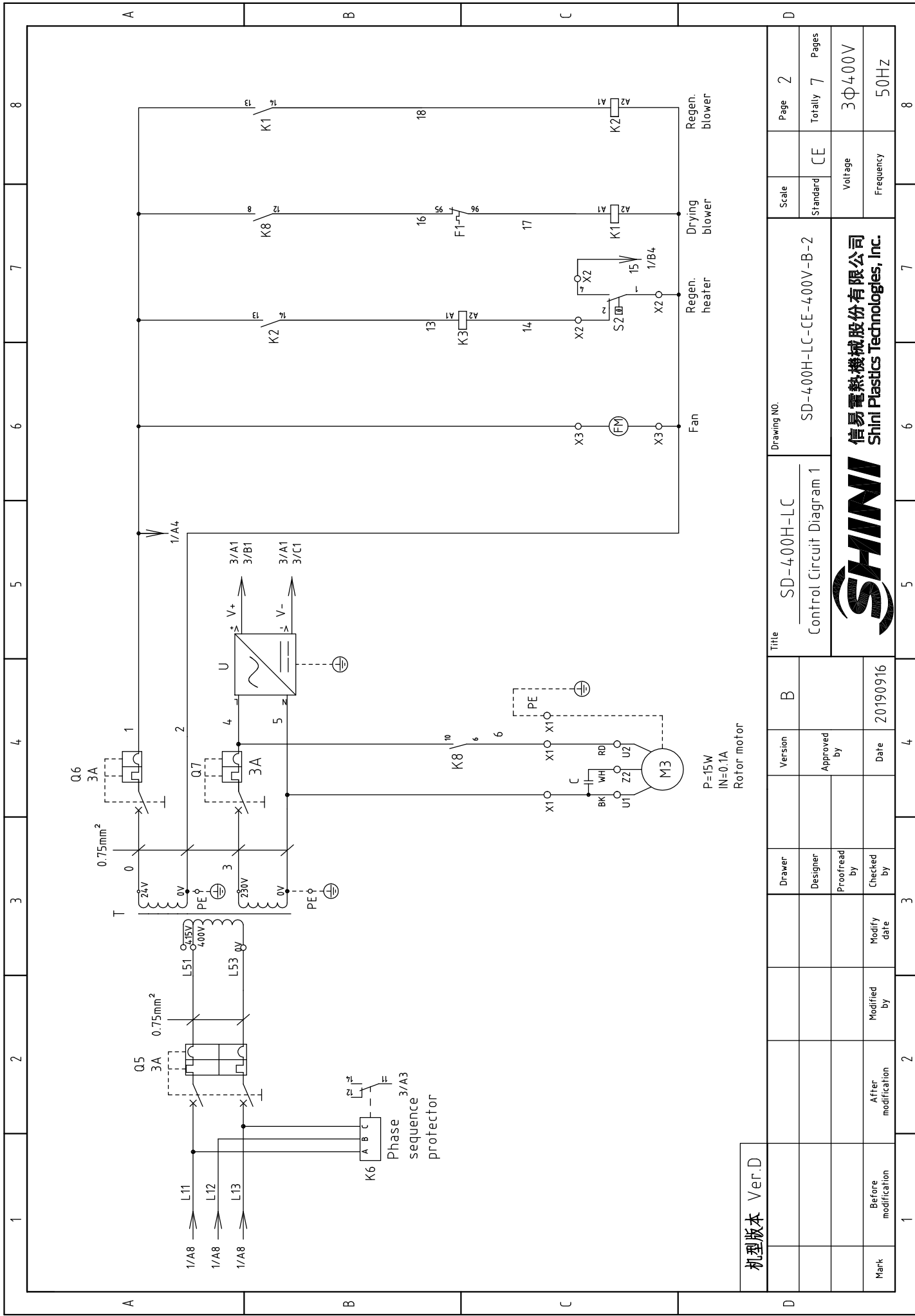
Drawing No.	SD-400H-LC-CE-400V-B-1
Title	SD-400H-LC
Main Circuit Diagram	



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

Mark	Before modification	Modified by	Modified date	Checked by	Date	Version	B	SD-400H-LC	SD-400H-LC	SD-400H-LC
After modification					20190916	Approved by				

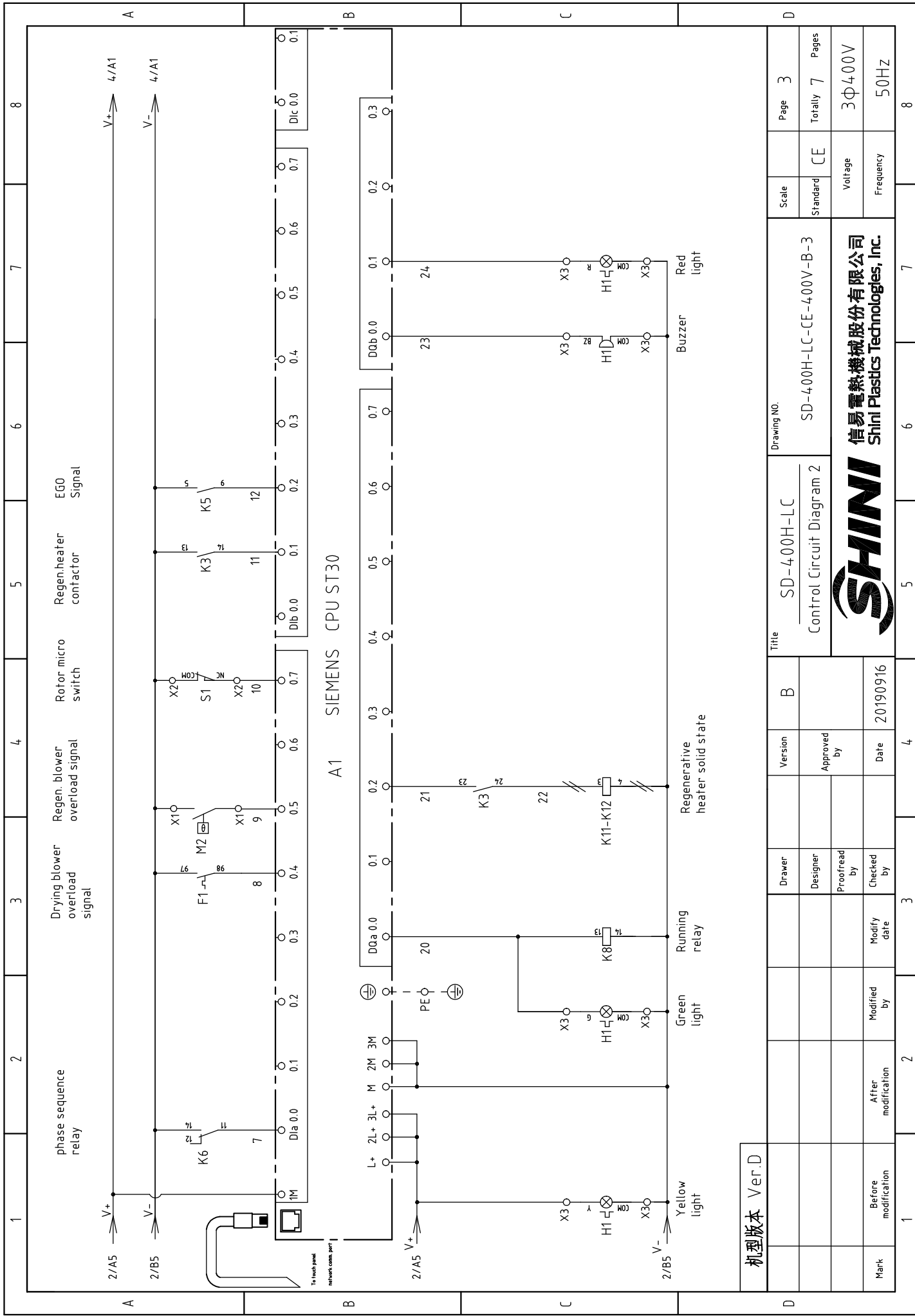
机型版本 Ver.D



机型版本 Ver.D

D	Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date	Approved by	Version	B	Title SD-400H-LC Control Circuit Diagram 1		Drawing NO. SD-400H-LC-CE-400V-B-2		Scale	Page 2
							20190916					Standard	Totally 7	Pages	CE	7
												Voltage	3Φ400V			
												Frequency	50Hz			

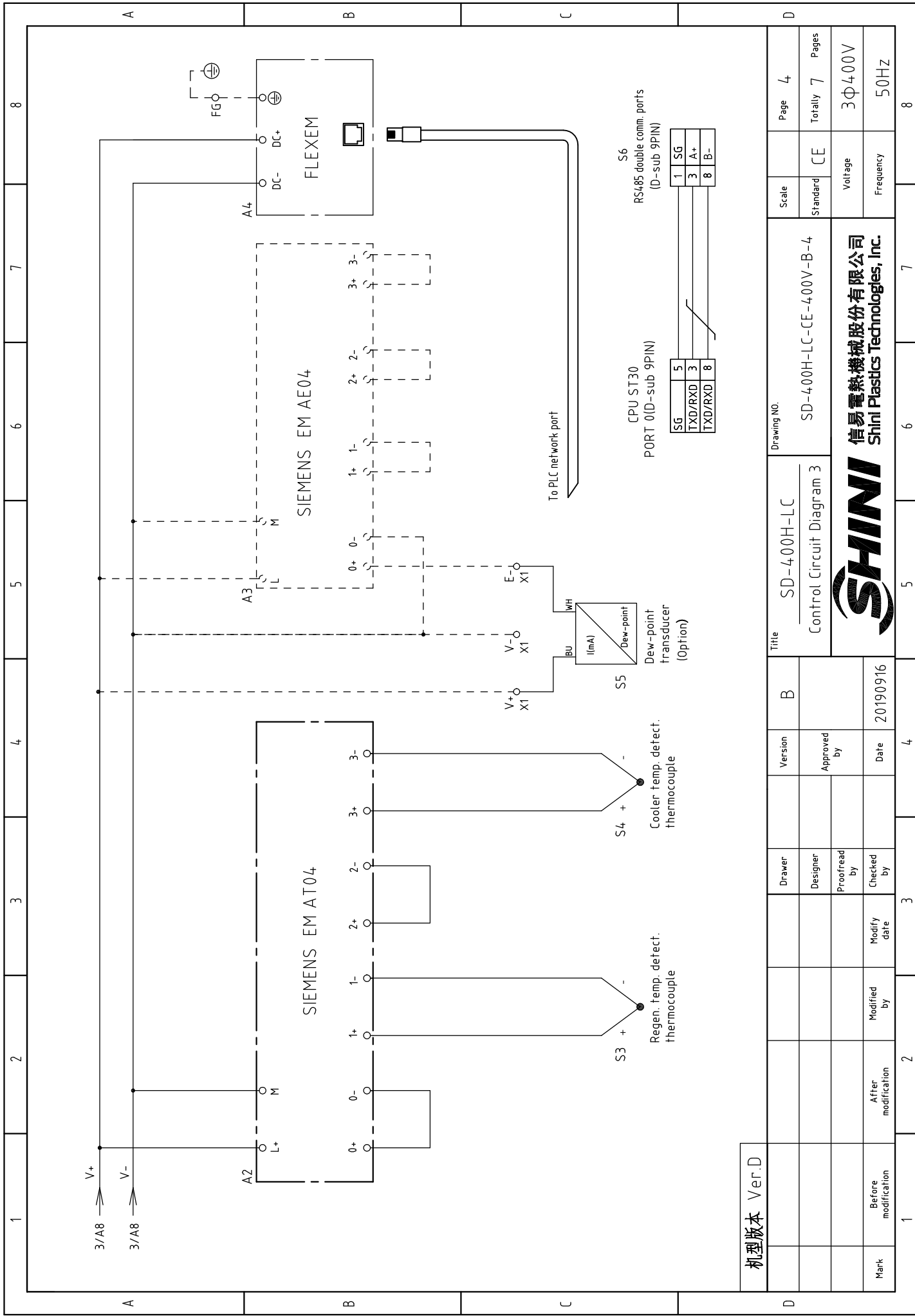




机型版本 Ver.D

Title		Drawing NO.		Scale	Page
SD-400H-LC		SD-400H-LC-CE-400V-B-3		CE	3
Control Circuit Diagram 2				Standard	Totally 7
				Voltage	3Φ400V
				Frequency	50Hz
Version	Approved by	Date			
B		20190916			
Drawer	Designer	Proofread by	Checked by	Modify date	
After modification	Before modification	Modified by	Modified by	1	2
				3	4
				5	6
				7	8

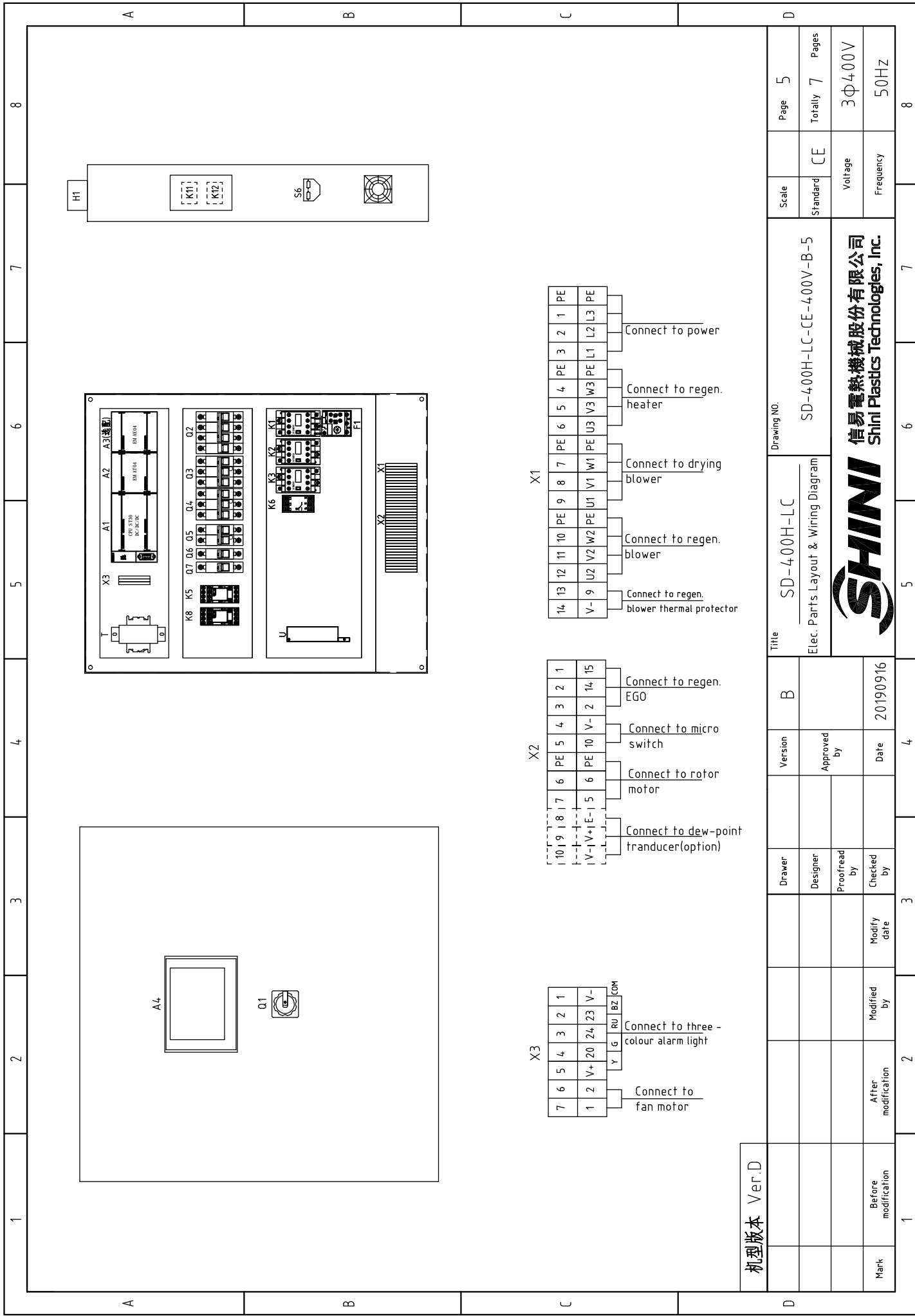




机型版本 Ver.D

Title		Drawing No.		Scale	Page	4
SD-400H-LC		SD-400H-LC-CE-400V-B-4		Standard	CE	Totally 7 Pages
Control Circuit Diagram 3				Voltage		3Φ400V
				Frequency		50Hz
Version		Approved by		Date		
20190916						
Drawer		Designer		Proofread by		Checked by
After modification		Modified by		Modify date		
Before modification						

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

A B C D

1 2 3 4 5 6 7 8

A B C D

1 2 3 4 5 6 7 8

A B C D

1 2 3 4 5 6 7 8

A B C D

1 2 3 4 5 6 7 8

A B C D

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A B C D

1 2 3 4 5 6 7 8

A B C D

1 2 3 4 5 6 7 8

机型版本 Ver.D

Mark	Before modification	Modified by	Modify date	Checked by	Date	Approved by	Version	B	Title	Drawing NO.	Scale	Page	5	
	After modification	Modified by	Modify date					CE				Totally	7	Pages
										SD-400H-LC-CE-400V-B-5		Voltage		3Φ400V
										Elec. Parts Layout & Wiring Diagram		Frequency		50HZ
										SHINI 信易电热机械股份有限公司 Shini Plastics Technologies, Inc.				

X1

14	13	12	11	10	9	8	7	6	5	4	3	2	1	PE	
V-9	U2	V2	W2	PE	U1	V1	PE	U3	V3	W3	PE	L1	L2	L3	PE

Connect to power

Connect to regen. heater

Connect to drying blower

Connect to regen. blower

Connect to regen. blower thermal protector

X2

10	9	8	7	6	PE	5	4	3	2	1
V-V+	E-E-	1	5	6	PE	10	V-	2	14	15

Connect to dew-point transducer(option)

Connect to rotor motor

Connect to micro switch

Connect to regen. EGO

X3

7	6	5	4	3	2	1
1	2	V+	20	24	23	V-
Y	G	RU	BZ	COM		

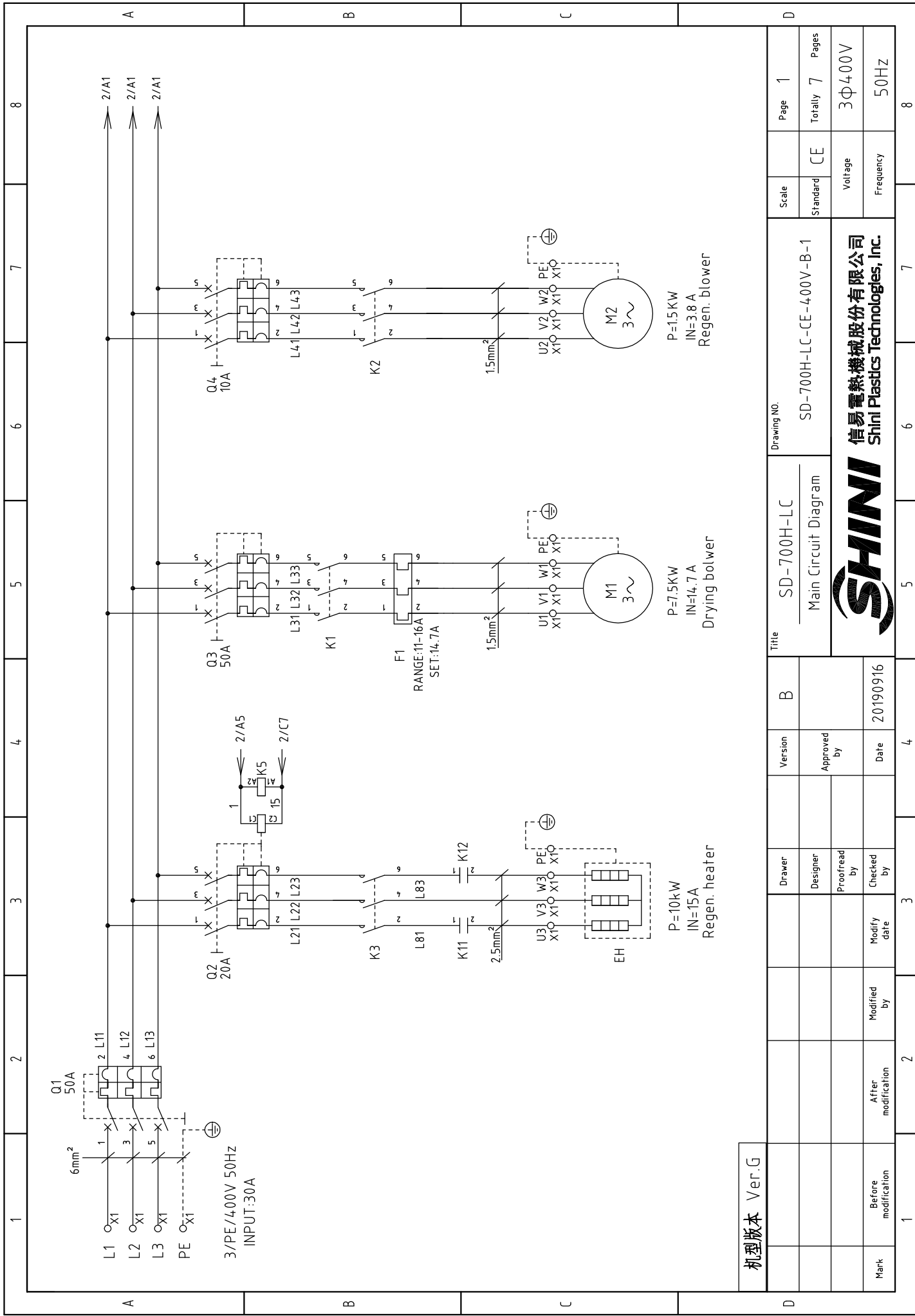
Connect to fan motor

Connect to three - colour alarm light

1		2		3		4		5		6		7		8		
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark								
1	Q1	Main power switch	EATON	P1-25/EA/SVB/25A	25A	1	YE10125250000									
2	Q3	Circuit breaker	TECO	BM-63C 3P	20A	1	YE40302003000									
3	Q4	Circuit breaker	TECO	BM-63C 3P	6A	1	YE40300603000									
4	Q2	Circuit breaker	TECO	BM-63C 3P	16A	1	YE40301603000									
5		Excitation release	YIJIN	MX	24VAC	1	YE40024000000									
6	Q5	Circuit breaker	TECO	BM-63C 2P	3A	1	YE40200203000									
7	Q6 Q7	Circuit breaker	TECO	BM-63C 1P	3A	2	YE40100203000									
8	K1	Contact	SIEMENS	3RT6017-1AB01-24VAC	24VAC 50/60Hz	1	YE00601702500									
9	K2 K3	Contact	SIEMENS	3RT6015-1AB01-24VAC	24VAC 50/60Hz	2	YE00601502500									
10		Auxiliary contact	SIEMENS	3RH6911	1AA10	1	YE00691110000									
11	K5	Middle relay	Honeywell	GR-2C base PGR-2C-E	AC24V	1	YE03022400300									
12	K6	Phase sequence protector	CHAOSHI	ABJ-10W	400V 50/60Hz	1	YE03103800000									
13	K8	Middle relay	Honeywell	GR-4C-DC24V base PGR-4C-E	DC24V	1	YE03042400500									
14	K11 K12	Solid-state relay	FOTEK	KSR-40DA-H	40A/480VAC/4-32VDC	2	YE03404003200									
15	F1	Thermal overload relay	SIEMENS	3RU6116-1JB0	7-10A	1	YE01167100000									
16	A1	Programmable logic controller	SIEMENS	CPU ST30 DC/DC	24VDC	1	YE81003006100									
17	A2	PLC extended module	SIEMENS	4-point thermocouple temp. module EM AT04	24VDC	1	YE82000400300									
18	A3	PLC extended module	SIEMENS	4-point input analog quantity module EM AE04	24VDC	1	YE82000400100	(2)								
19	A4	Human-machine interface	FLEXEM	F007R	24VDC	1	YE80072400000									
20	T	Transformer	JIUXIN	IN=400V/415V OUT=24V/230V	120VA 350MA	1	YE70040007300									
21	U	DC power	MEAN WELL	S-35-24	IN=230V OUT=DC24V 1.5A	1	YE71352400100									
22	S1	Micro switch	----	----	24V	1	----	(1)								
23	S2	Overheat protector	TONGBAO	WR-A-50-300-1000-3	250V-5(A)/A	1	----	(1)								
24	S3 S4	Thermocouple	SHINI	ST-K	K	2	----	(1)								
25	S5	Dew-point transducer	SUTO	217-OEM	POWER=24VDC OUT=4-20mA	1	YE90021700100	(1)(2)								
机型版本 Ver.D		Notes: (1)Means it's not the material inside the control box. (2) Dew-point option;														
		Drawer	Version	Title		Drawing No.		Scale	Page 6							
		Designer	Approved by	SD-400H-LC		SD-400H-LC-CE-400V-B-6		Standard	Totally 7							
		Proofread by	Date	Electrical Parts List 1				CE	Voltage							
		Checked by	20190916	SHINI		信易電熱機械股份有限公司		Frequency	3Φ400V							
Mark		After modification	Modified by	SHINI		Shini Plastics Technologies, Inc.		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							
26	S6	Communication interface board RS-485 (double D-sub-5pin connector)	YUYUN	----	PCS	1	YE90048501200								
27		Shell RS485(SAL-700G-A-19)ver.0	BINCHEG	----	PCS	1	YR40048500000								
28		Super 5 network jumper	----	2M	BA	1	YE90000201600								
29	X1	Terminal board	Honeywell	SK4	4mm ²	12	YE60000403200								
30		Terminal board	Honeywell	GK5PE	4mm ² PE	4	YE60000403500								
31		Terminal board	Honeywell	SK2.5	2.5mm ²	2	YE60002503200								
32	X2	Terminal board	Honeywell	SK2.5	2.5mm ²	7	YE60002503200								
33		Terminal board	Honeywell	GK2.5PE	2.5mm ² PE	1	YE60002503400								
34		Terminal board	Honeywell	SK2.5	2.5mm ²	3	YE60002503200	(2)							
35	X3	Terminal board	Honeywell	SK2.5	2.5mm ²	4	YE60002503200								
36		Terminal fittings E/GK series	Honeywell	E	GK	5	YE60000003900								
37	FM	Fan	SUNON	DP-200A	24VAC 4.0W	1	-----	(1)							
38	M1	Blower	SHINI	----	380-4.15V 3.75kW	1	-----	(1)							
39	M2	Blower	SHINI	----	380-4.15V 0.75kW	1	-----	(1)							
40	EH	Pipe heater	SHINI	----	380-4.15V 7.2kW	1	-----	(1)							
41	H1	3-color alarm light	SHINI	24V AC/DC priority	PCS	1	BL90002401520	(1)							
A															
B															
C															
D															
机型版本 Ver.D Notes: (1)Means it's not the material inside the control box. (2) Dew-point option;															
		Drawer		Version		B		Title		SD-400H-LC		Scale		Page 7	
		Designer		Approved by				Drawing NO.		SD-400H-LC-CE-400V-B-7		Standard		CE	
		Proofread by		Date		20190916		Electrical Parts List 2		Voltage		Frequency		3Φ400V	
Mark		After modification		Modified by		Modify date		SHINI		Frequency		Voltage		50HZ	
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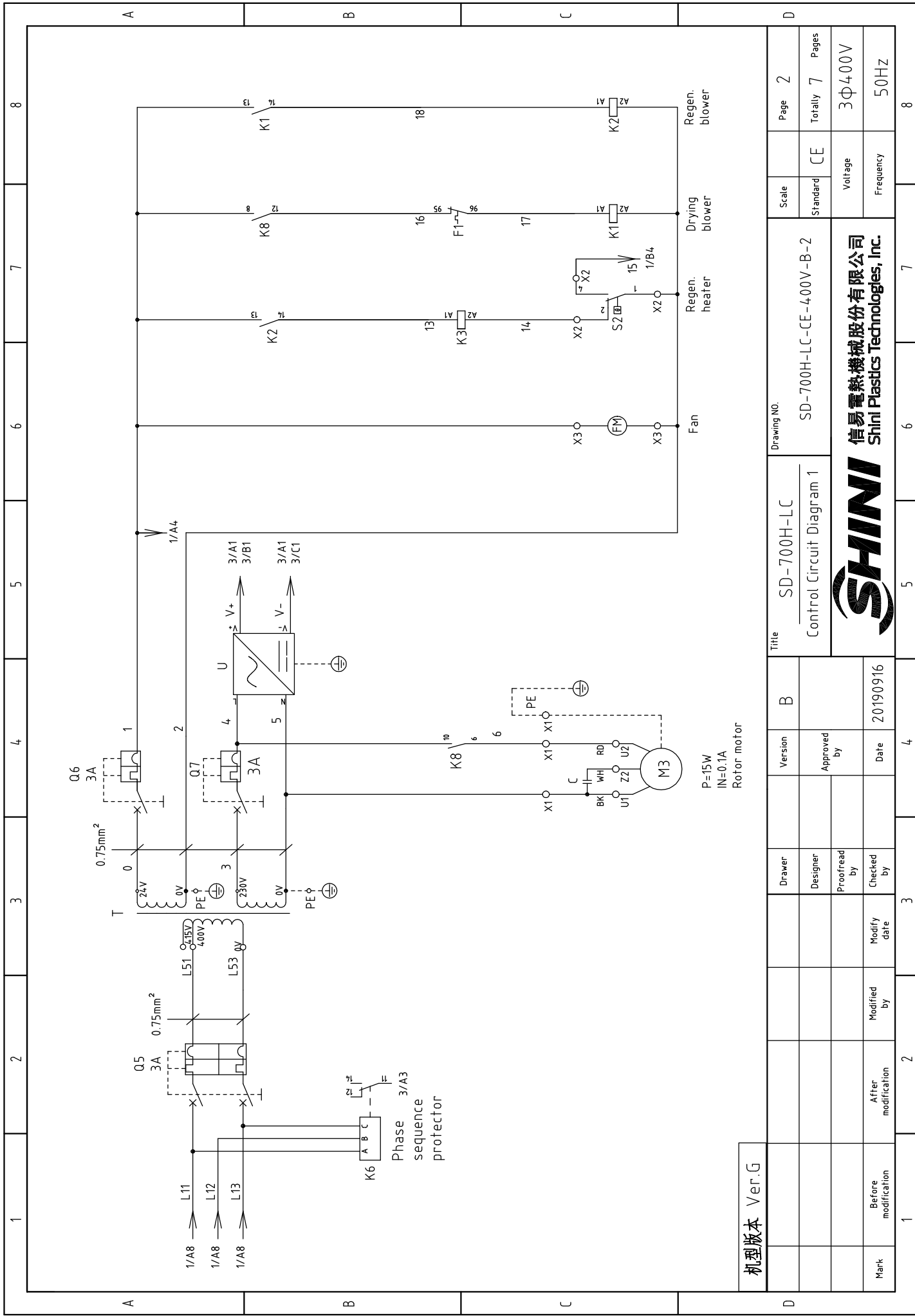


机型版本	Ver.G
Mark	Before modification
	After modification
	Modify date
	Checked by
	Proofread by
	Designer
	Drawer
	Version
	Approved by
	Date
	20190916


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Scale	Page	1
Standard	Totally	7
	Pages	CE
Voltage	3Φ400V	
Frequency	50HZ	

Drawing No.	SD-700H-LC-CE-400V-B-1
Title	SD-700H-LC
Main Circuit Diagram	

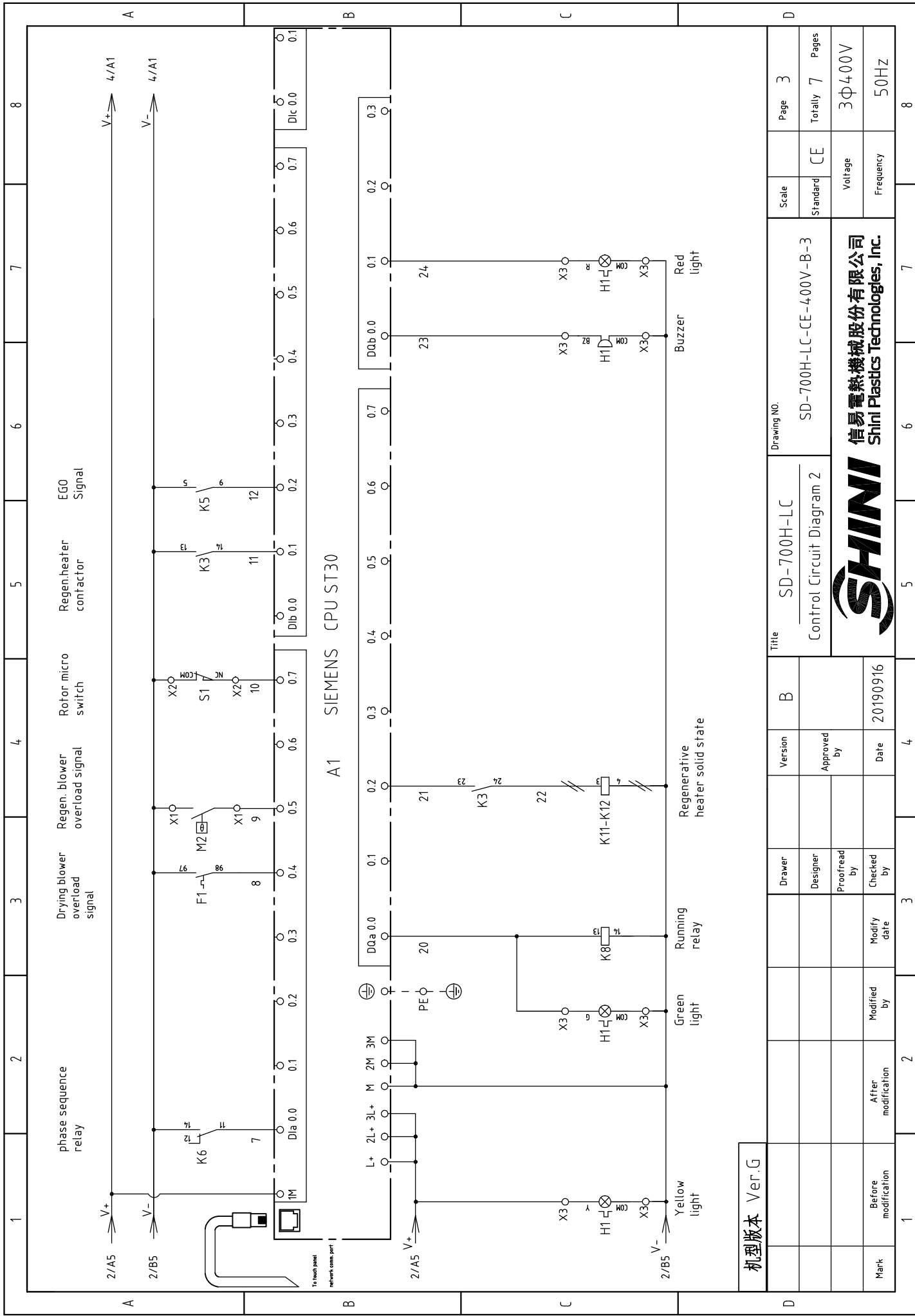


机型版本 Ver.G

D	Title		Drawing No.		Scale	Page
	SD-700H-LC		SD-700H-LC-CE-400V-B-2		CE	2
Control Circuit Diagram 1				Standard		Totally
				Voltage		7
				Frequency		3Φ400V
				Date		50HZ
				Date		8
				Date		7
				Date		6
				Date		5
				Date		4
				Date		3
				Date		2
				Date		1

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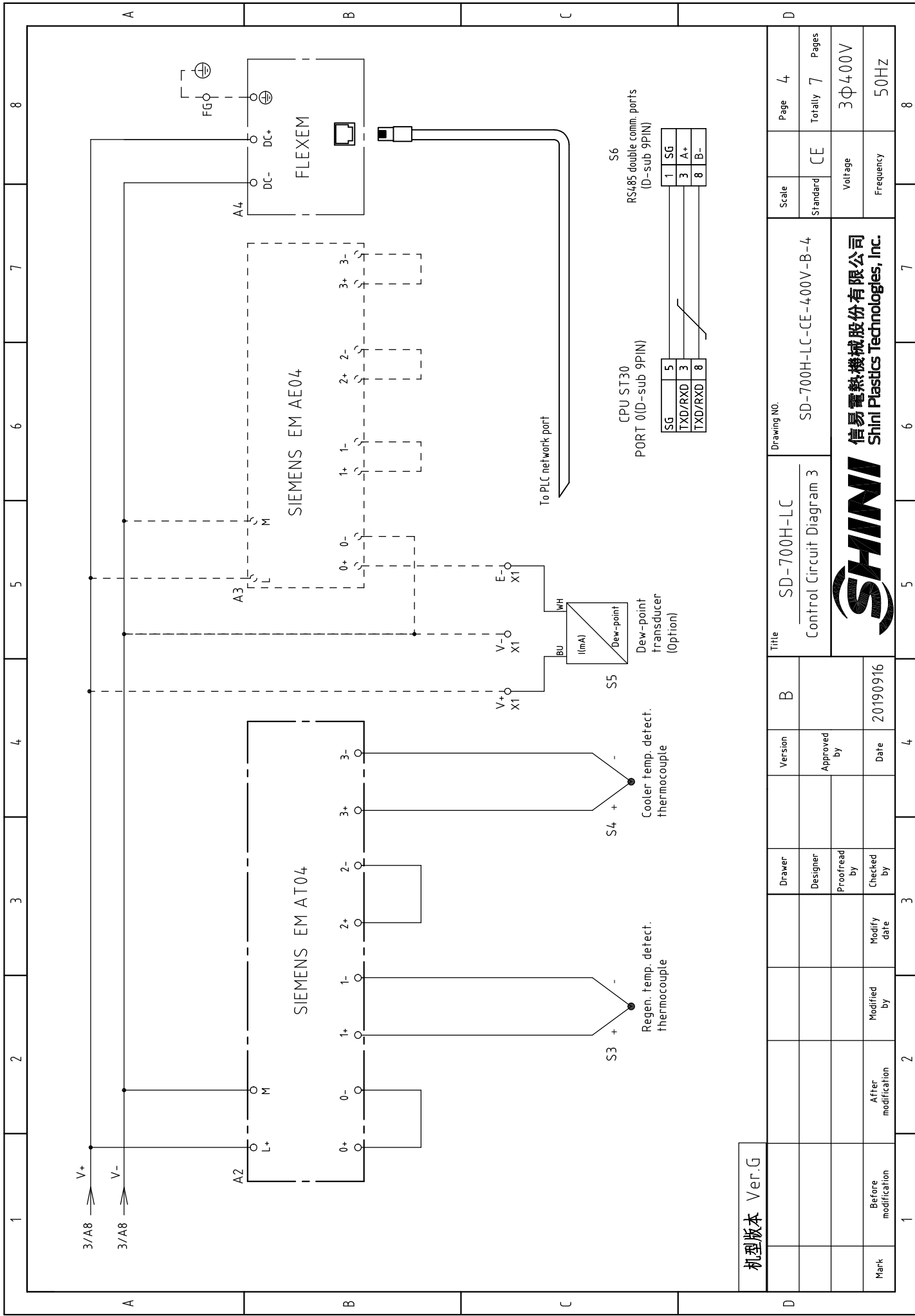
P=15W
IN=0.1A
Rotor motor



机型版本 Ver.G

Title		SD-700H-LC		Drawing No.		SD-700H-LC-CE-400V-B-3		Page 3	
Control Circuit Diagram 2		Version		Approved by		Standard		CE	
Date		20190916		Checked by		Voltage		3Φ400V	
Modified by		Modify date		Proofread by		Frequency		50HZ	
Before modification		After modification		Designer		Totally		7 Pages	
Mark		1		2		3		4	
5		6		7		8			





机型版本 Ver.G

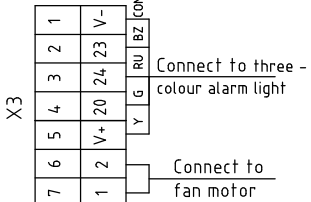
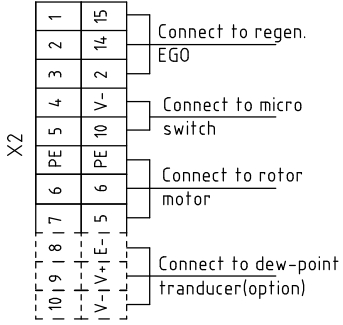
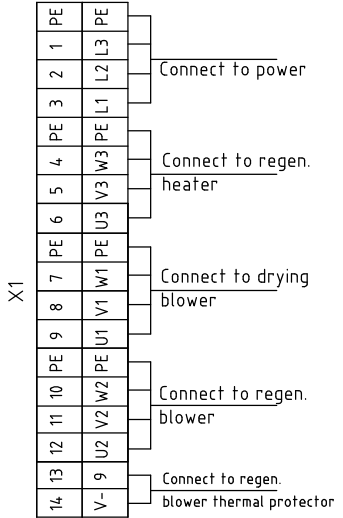
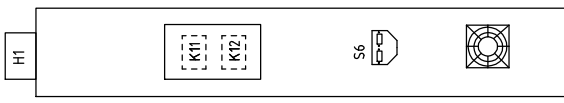
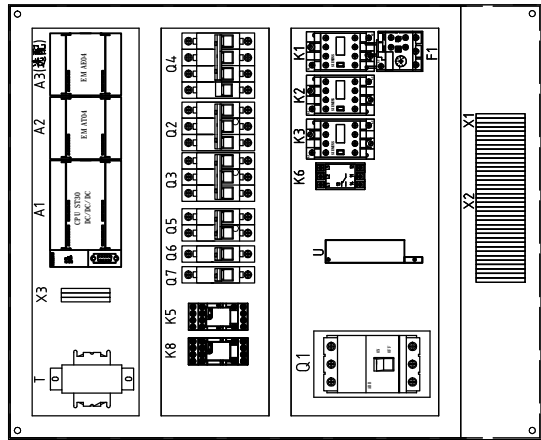
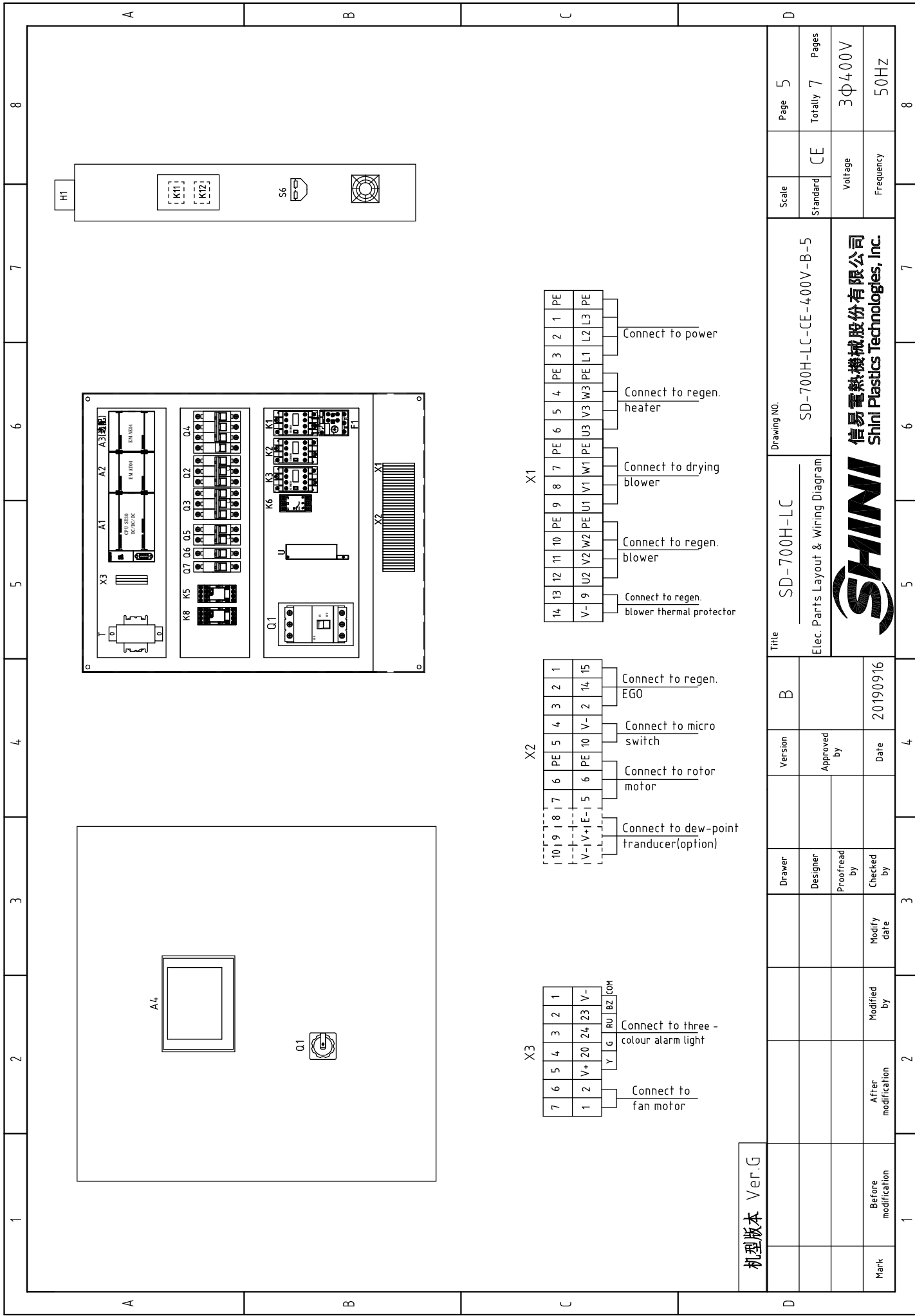
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1					20190916

Title SD-700H-LC
Control Circuit Diagram 3

Drawing No. SD-700H-LC-CE-400V-B-4

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Scale	Page
CE	4
Voltage	3Φ400V
Frequency	50Hz



机型版本	Ver.G
Mark	Before modification
	After modification
	Modify date
	Checked by
	Proofread by
	Designer
	Drawer
	Version
	Approved by
	Date
	20190916

Title		SD-700H-LC		Drawing NO.		SD-700H-LC-CE-400V-B-5	
Elec. Parts Layout & Wiring Diagram		Scale		Page		5	
		Standard		CE		Totally 7	
		Voltage		3Φ400V		Frequency	
		Frequency		50HZ			

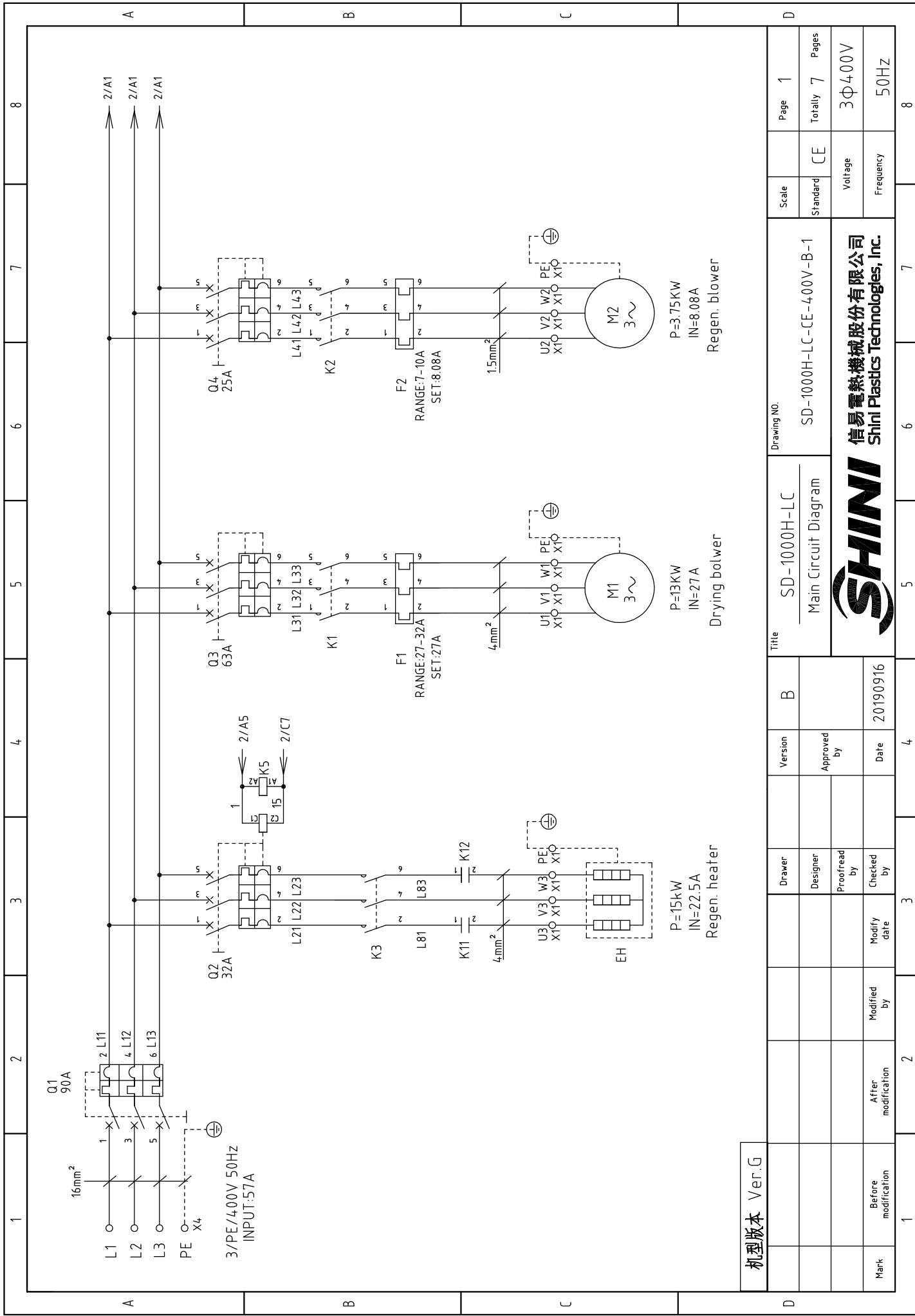
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1	2		3		4	5	6	7	8
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark	
1	Q1	Breaker interlock	ABB	A1A125TMF50	50A	1	YE41105200000		
2	Q3	Circuit breaker	TECO	BM-63C 3P	32A	1	YE40303203000		
3	Q4	Circuit breaker	TECO	BM-63C 3P	10A	1	YE40301003000		
4	Q2	Circuit breaker	TECO	BM-63C 3P	20A	1	YE40302003000		
5		Excitation release	YIJIN	MX	24VAC	1	YE40024000000		
6	Q5	Circuit-breaker	TECO	BM-63C 2P	3A	1	YE40200203000		
7	Q6 Q7	Circuit-breaker	TECO	BM-63C 1P	3A	2	YE40100203000		
8	K1	Contact	SIEMENS	3RT6026-1AC20-24VAC	24VAC 50/60Hz	1	YE00602602600		
9	K2	Contact	SIEMENS	3RT6015-1AB01-24VAC	24VAC 50/60Hz	1	YE00601502500		
10	K3	Contact	SIEMENS	3RT6023-1AC20-24VAC	24VAC 50/60Hz	1	YE00602301100		
11		Auxiliary contact	SIEMENS	3RH6911	1AA10	1	YE00691100000		
12	K5	Middle relay	Honeywell	GR-2C base PGR-2C-E	AC24V	1	YE03024003000		
13	K6	Phase sequence protector	CHAOSHI	ABJ-10W	400V 50/60Hz	1	YE03103800000		
14	K8	Middle relay	Honeywell	GR-4C-DC24V base PGR-4C-E	DC24V	1	YE03042400500		
15	K11 K12	Solid-state relay	FOTEK	KSR-40DA-H	40A/480VAC/4-32VDC	2	YE03404003200		
16	F1	Thermal overload relay	SIEMENS	3RU6026-4AB0	11-16A	1	YE01611640000		
17	A1	Programmable logic controller	SIEMENS	CPU ST30 DC/DC/DC	24VDC	1	YE81003006100		
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 quantity module EM AE04	24VDC	1	YE82000400100	(2)	
20	A4	Human-machine interface	FLEXEM	F007R	24VDC	1	YE80072400000		
21	T	Transformer	JIUXIN	IN=400V/45V OUT=24V/230V	180VA 350MA	1	YE70040007400		
22	U	DC power	MEAN WELL	S-35-24	IN=230V OUT=DC24V 1.5A	1	YE71352400100		
23	S1	Micro switch	----	----	24V	1	----	(1)	
24	S2	Overheat protector	TONGBAO	WR-A-50-300-1000-3	250V-5(4)A	1	----	(1)	
25	S3 S4	Thermocouple	SHINI	ST-K	K	2	----	(1)	
机版本 Ver.G Notes: (1)Means it's not the material inside the control box. (2) Dew-point option;									
Mark			Before modification	Modified by	Modify date	Checked by	Proofread by	Designer	Drawer
					20190916				
			Version	B	Title		SD-700H-LC		
			Approved by		Drawing No.		SD-700H-LC-CE-4.00V-B-6		
			Electrical Parts List 1		Scale		Page 6		
					Standard		Totally 7 Pages		
					Voltage		3Φ400V		
					Frequency		50Hz		
					CE		8		



1		2		3		4		5		6		7		8	
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark							
26	S5	Dew-point transducer	SUTO	217-OEM	POWER=24VDC OUT=4-20mA	1	YE90021700100	(1)(2)							
27	S6	Communication interface board RS-485 (double Dsub-9pin connector)	YUYUN	----	PCS	1	YE90048501200								
28		Shell RS485(SAL-700G-A-19)ver.0	BINCHEG	----	PCS	1	YR40048500000								
29		Super 5 net work jumper	----	2M	BA	1	YE90000201600								
30	H1	3-color alarm light	SHINI	24 V AC/DC high priority	PCS	1	BL90242201520	(1)							
31	X1	Terminal board	Honeywell	SK6	6mm ²	3	YE60000603200								
32		Terminal board	Honeywell	GK6PE	6mm ² PE	1	YE60000603500								
33		Terminal board	Honeywell	SK4	4mm ²	9	YE60000403200								
34		Terminal board	Honeywell	GK5PE	4mm ² PE	3	YE60000403500								
35		Terminal board	Honeywell	SK2.5	2.5mm ²	2	YE60002503200								
36	X2	Terminal board	Honeywell	SK2.5	2.5mm ²	7	YE60002503200								
37		Terminal board	Honeywell	GK2.5PE	2.5mm ² PE	2	YE60002503400								
38		Terminal board	Honeywell	SK2.5	2.5mm ²	3	YE60002503200	(2)							
39	X3	Terminal board	Honeywell	SK2.5	2.5mm ²	7	YE60002503200								
40		Terminal fittings E/GK series	Honeywell	E	GK	5	YE60000003900								
41	FM	Fan	SUNON	DP-200A	24VAC 4.0W	1	-----	(1)							
42	M1	Blower	SHINI	----	380-415V 5.5kW	1	-----	(1)							
43	M2	Blower	SHINI	----	380-415V 1.5kW	1	-----	(1)							
44	EH	Pipe heater	SHINI	----	380-415V 10kW	1	-----	(1)							
A															
B															
C															
D															
机版本 Ver.G															
Notes: (1)Means it's not the material inside the control box. (2) Dew-point option;															
		Drawer		Version		B		Title		SD-700H-LC		Drawing No.		Scale	
		Designer		Approved by				Electrical Parts List 2		SD-700H-LC-CE-4.00V-B-7		Standard		Page 7	
		Proofread by		Date		20190916				CE		Voltage		Page 7	
		Checked by		Modify date						Frequency		Totally 7		Pages	
Mark		After modification		Modified by						3Φ400V		50Hz			
1		2		3		4		5		6		7		8	



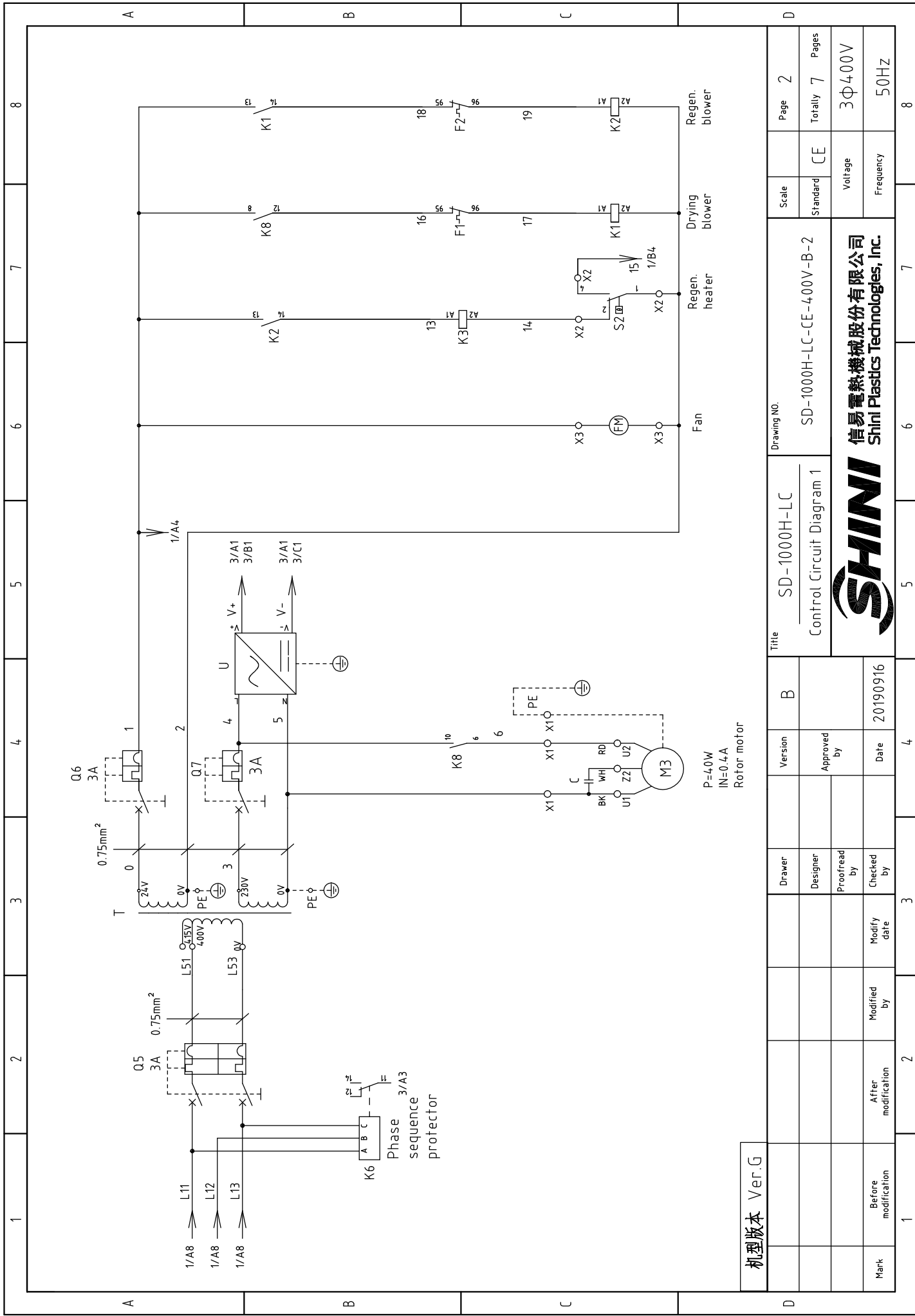


机型版本	Ver.G
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	After modification
	Modified by
	Modify date
	Checked by
	Proofread by
	Designer
	Drawer

Title		SD-1000H-LC	
Main Circuit Diagram		Drawing NO.	
Version		B	
Approved by		Date	20190916

Scale	Page	1
Standard	Totally	7
	Pages	CE
Voltage	3Φ400V	
Frequency	50Hz	

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机型版本 Ver.G

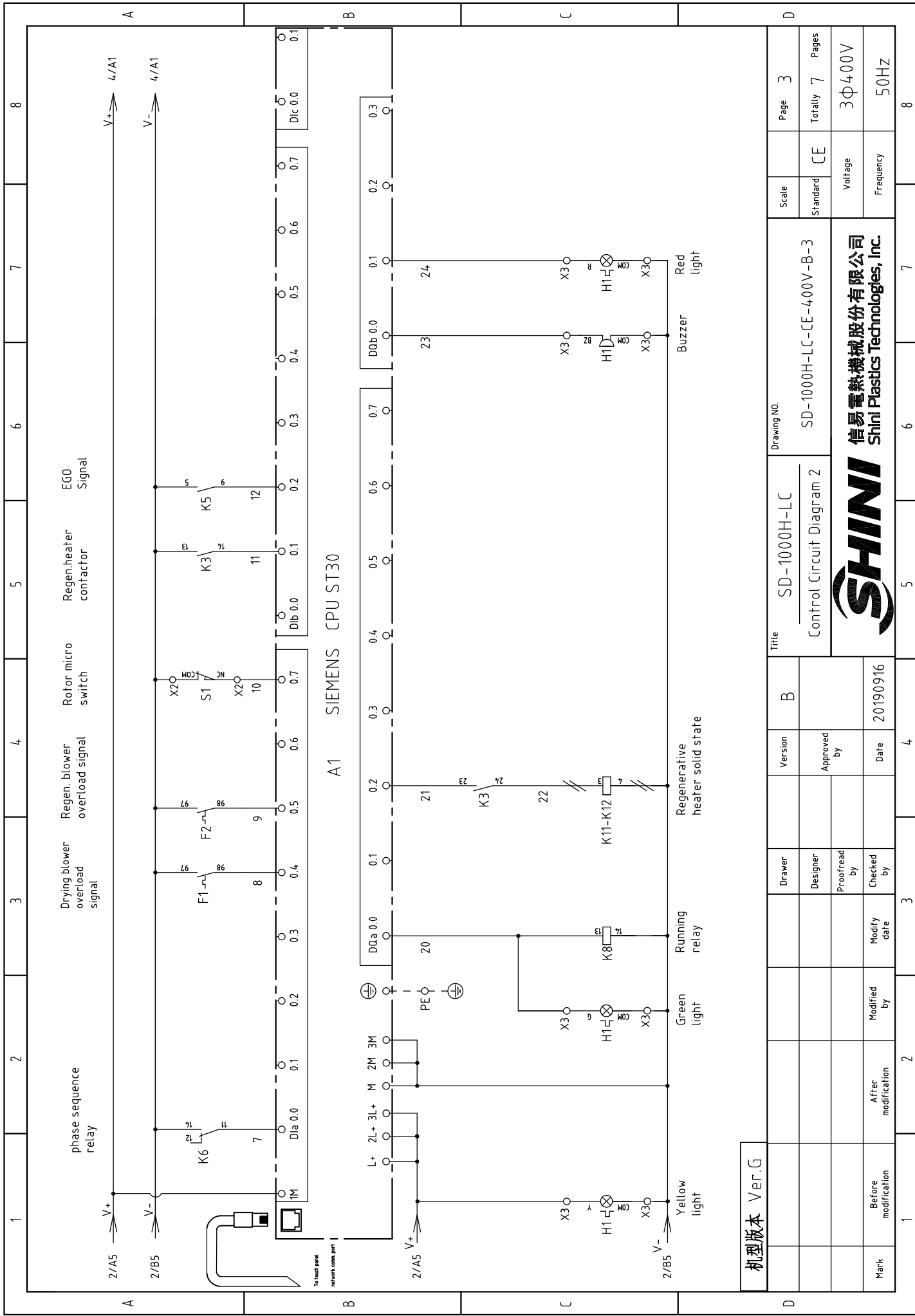
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IN=0.4A
Rotor motor

Title		SD-1000H-LC		Drawing No.		SD-1000H-LC-CE-400V-B-2		Page		2	
Control Circuit Diagram 1								Standard		CE	
Version				Approved by				Voltage		3Φ400V	
Date		20190916		Checked by				Frequency		50Hz	
Modified by				Modify date				Totally		7	
After modification								Pages		7	
Before modification								Page		2	
Mark								Scale			



1 2 3 4 5 6 7 8

A B C D

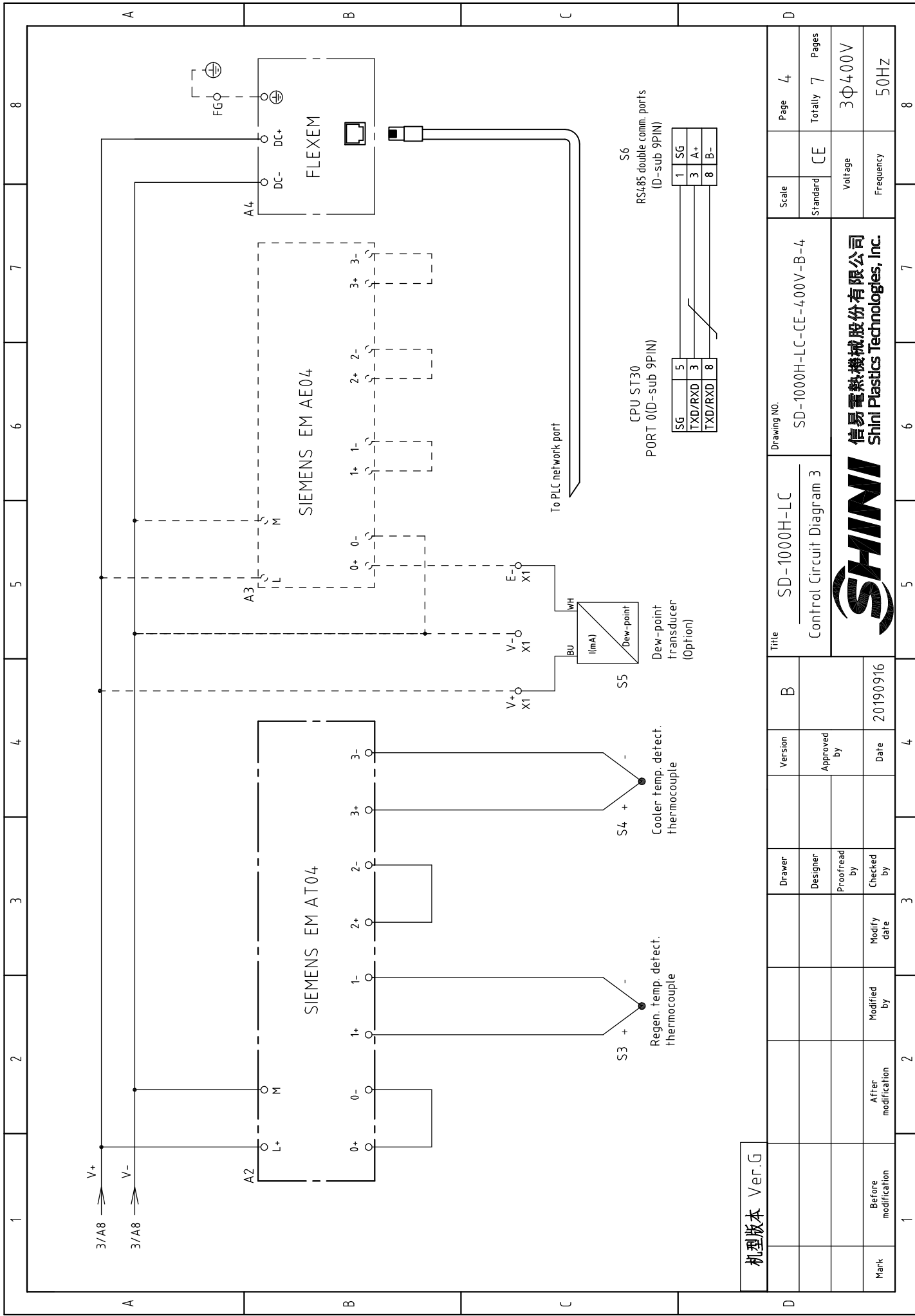


机型版本	Ver.G
Mark	Before modification
	After modification
	Modify date
	Checked by
	Proofread by
	Designer
	Drawer

Version	B
Approved by	
Date	20190916
Title	
SD-1000H-LC	B
Control Circuit Diagram 2	

Drawing No.		SD-1000H-LC-CE-400V-B-3
Scale		Page 3
Standard	CE	Totally 7 Pages
Voltage	3Φ400V	
Frequency	50Hz	





机型版本 Ver.G

Mark	Before modification	Modified by	Modify date	Checked by	Date	Version	B	Title	SD-1000H-LC	Drawing No.	SD-1000H-LC-CE-400V-B-4	Scale	Page
	After modification	Modified by	Modify date	Checked by	Date		Approved by		Control Circuit Diagram 3		CE	4	
											Voltage	3Φ400V	
											Frequency	50Hz	
											Standard	Totally	7
											Pages	8	

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S6
CPU ST30
PORT 0(D-sub 9PIN)

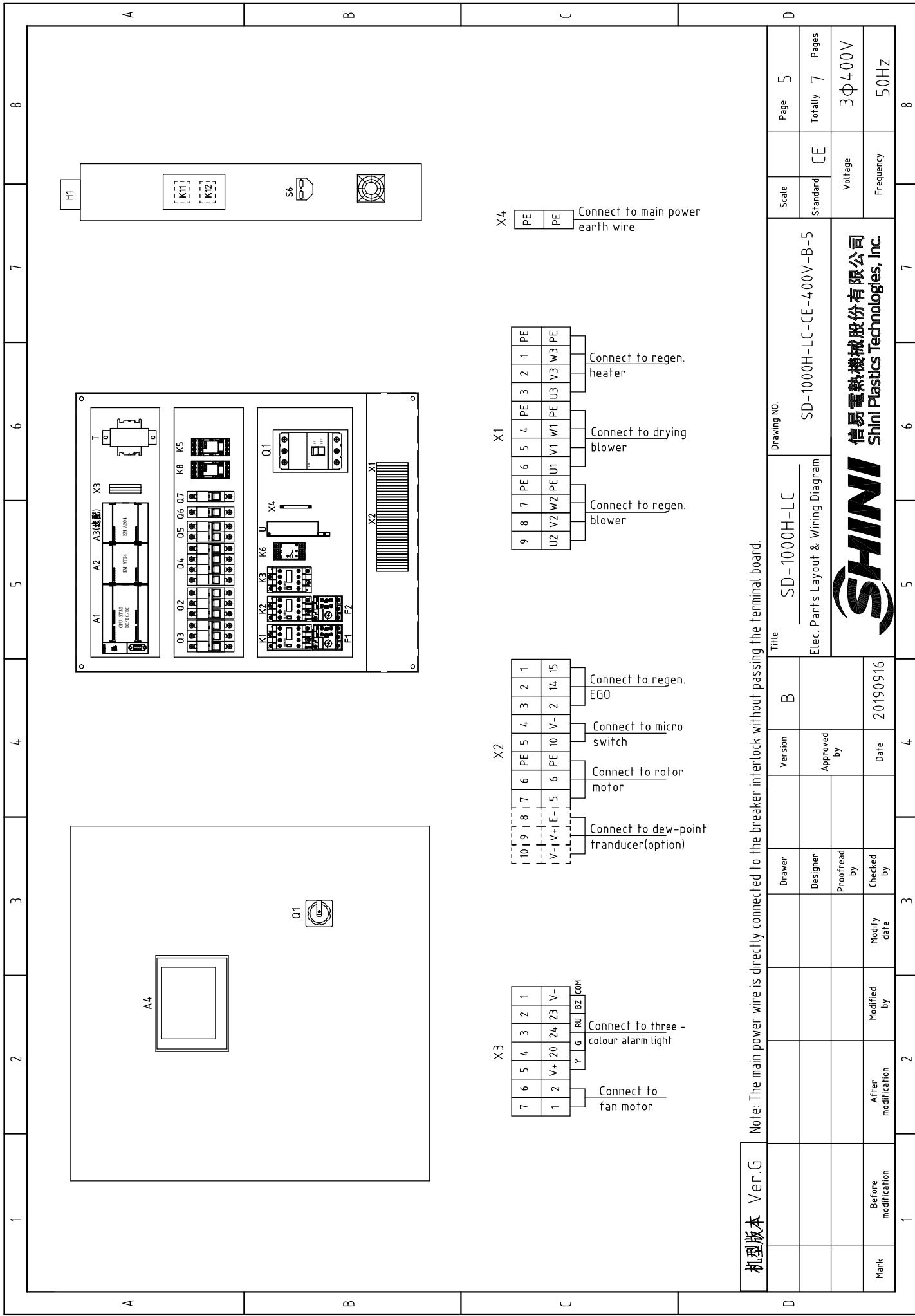
SG	5	1	SG
TXD/RXD	3	3	A+
TXD/RXD	8	8	B-

RS485 double comm. ports
(D-sub 9PIN)

S5
Dew-point transducer (Option)

S4 +
Cooler temp. detect. thermocouple

S3 +
Regen. temp. detect. thermocouple



X4

PE
PE

 Connect to main power earth wire

X1

9	U2	V2	W2	PE	U1	V1	W1	PE	U3	V3	W3	PE
---	----	----	----	----	----	----	----	----	----	----	----	----

 Connect to regen. blower
 Connect to drying blower
 Connect to regen. heater

X2

1	10	19	18	17	6	PE	5	4	3	2	1	
1	V-	V+	E-	E+	5	6	PE	10	V-	2	14	15

 Connect to dew-point transducer(option)
 Connect to rotor motor
 Connect to micro switch
 Connect to regen. EGO

X3

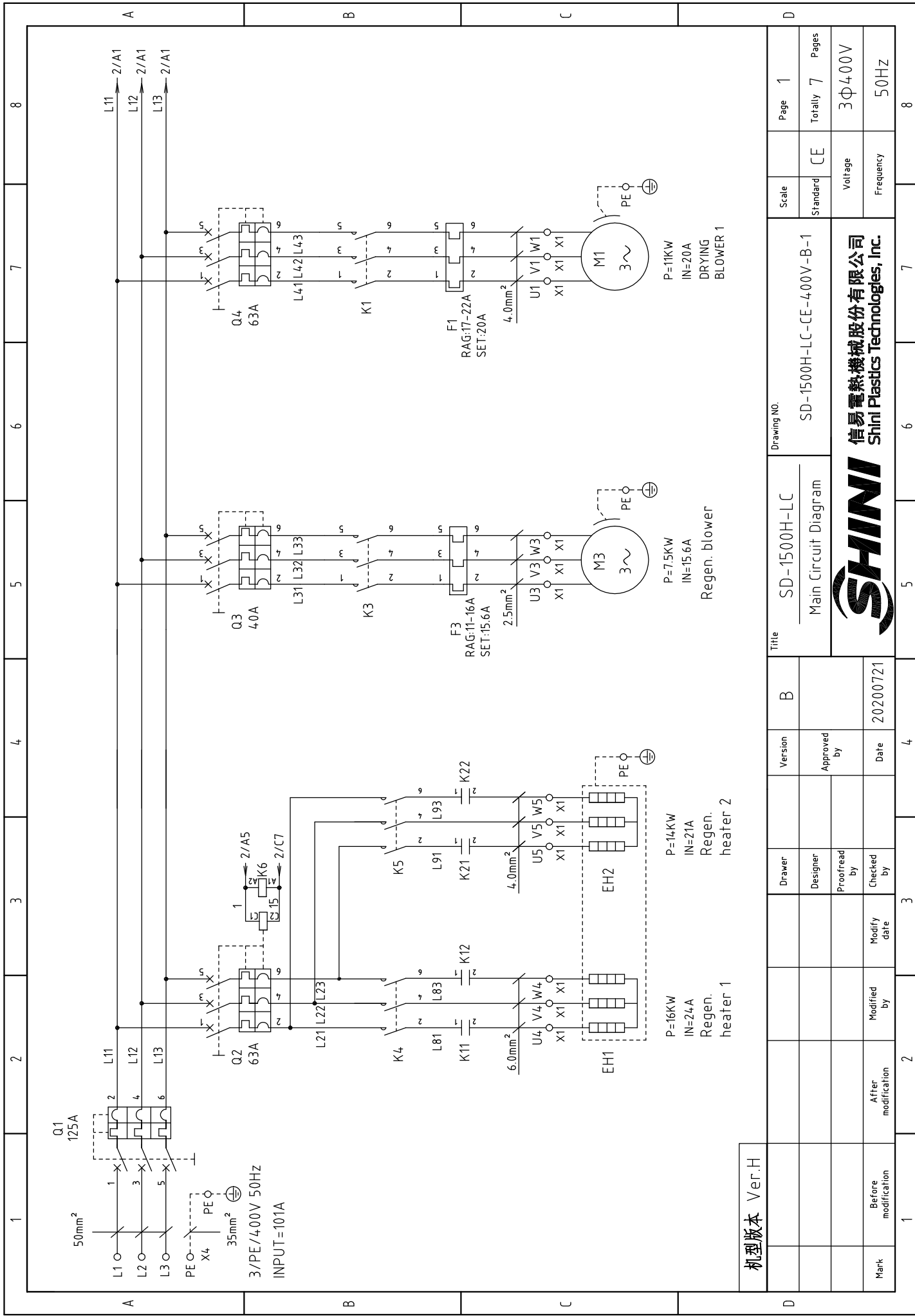
7	6	5	4	3	2	1
1	2	V+	20	24	23	V-
	Y	G	RU	BZ	COM	

 Connect to fan motor
 Connect to three - colour alarm light

机型号 Ver.G Note: The main power wire is directly connected to the breaker interlock without passing the terminal board.

Title	SD-1000H-LC		Drawing NO.		Page 5		
	Elec. Parts Layout & Wiring Diagram		SD-1000H-LC-CE-400V-B-5		Totally 7 Pages		
Scale			Standard		CE		
			Voltage		3Φ400V		
Mark	Before modification		Modified by		Frequency 50HZ		
	After modification		Modify date		Voltage		
Version		Approved by		Date		8	
Drawer		Checked by		20190916		7	
Designer		Proofread by		4		6	
Ver.B		Date		3		5	
SHINI		信易電熱機械股份有限公司		SHINI		Shini Plastics Technologies, Inc.	

1		2		3		4		5		6		7		8	
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark							
1	Q1	Breaker interlock	ABB	A1A125TMF60	90A	1	YE41109200000								
2	Q3	Circuit breaker	TECO	BM-63C 3P	63A	1	YE40306303000								
3	Q4	Circuit breaker	TECO	BM-63C 3P	25A	1	YE40302503000								
4	Q2	Circuit breaker	TECO	BM-63C 3P	32A	1	YE40303203000								
5		Excitation release	YIJIN	MX	24VAC	1	YE40024000000								
6	Q5	Circuit breaker	TECO	BM-63C 2P	3A	1	YE40200203000								
7	Q6 Q7	Circuit breaker	TECO	BM-63C 1P	3A	2	YE40100203000								
8	K1	Contact	SIEMENS	3RT6028-1AC20-24VAC	24VAC 50/60Hz	1	YE00602802600								
9	K2	Contact	SIEMENS	3RT6017-1AB01-24VAC	24VAC 50/60Hz	1	YE00601702500								
10	K3	Contact	SIEMENS	3RT6023-1AC20-24VAC	24VAC 50/60Hz	1	YE00602301100								
11		Auxiliary contact	SIEMENS	3RH6911	1AA10	1	YE00691100000								
12	K5	Middle relay	Honeywell	GR-2C base PGR-2C-E	AC24V	1	YE03022400300								
13	K6	Phase sequence protector	CHAOSHI	ABJ-10W	400V 50/60Hz	1	YE03103800000								
14	K8	Middle relay	Honeywell	GR-4C-DC24V base PGR-4C-E	DC24V	1	YE03042400500								
15	K11 K12	Solid state relay	FOTEK	KSR-40DA-H	40A/480VAC/4-32VDC	2	YE03404003200								
16	F1	Thermal overload relay	SIEMENS	3RU6126-4EB0	27-32A	1	YE01612600600								
17	F2	Thermal overload relay	SIEMENS	3RU6116-1JB0	7-10A	1	YE01167100000								
18	A1	Programmable logic controller	SIEMENS	CPU ST30 DC/DC/DC	24VDC	1	YE81003006100								
19	A2	PLC extended module	SIEMENS	4-point thermocouple temp. module EM AT04	24VDC	1	YE82000400300								
20	A3	PLC extended module	SIEMENS	4-point input analog quantity module EM AE04	24VDC	1	YE82000400100	(2)							
21	A4	Human-machine interface	FLEXEM	F007R	24VDC	1	YE80072400000								
22	T	Transformer	JIUXIN	IN=400V/415V OUT=24V/230V	230VA 350MA	1	YE70040007500								
23	U	DC power	MEAN WELL	S-35-24	IN=230V OUT=DC24V 1.5A	1	YE71352400100								
24	S1	Micro switch	----	----	24V	1	----	(1)							
25	S2	Overheat protector	TONGBAO	WR-A-50-300-1000-3	250V~5(4)A	1	----	(1)							
机版本 Ver.G Notes: (1)Means it's not the material inside the control box. (2) Dew-point option;															
D		Drawer		Version		B		Title		Drawing NO.		Scale		Page 6	
		Designer		Approved by				SD-1000H-LC		SD-1000H-LC-CE-400V-B-6		Standard		Page 6	
		Proofread by		Date		20190916		Electrical Parts List 1				CE		Totally 7 Pages	
Mark		After modification		Modified by		Modify date		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	

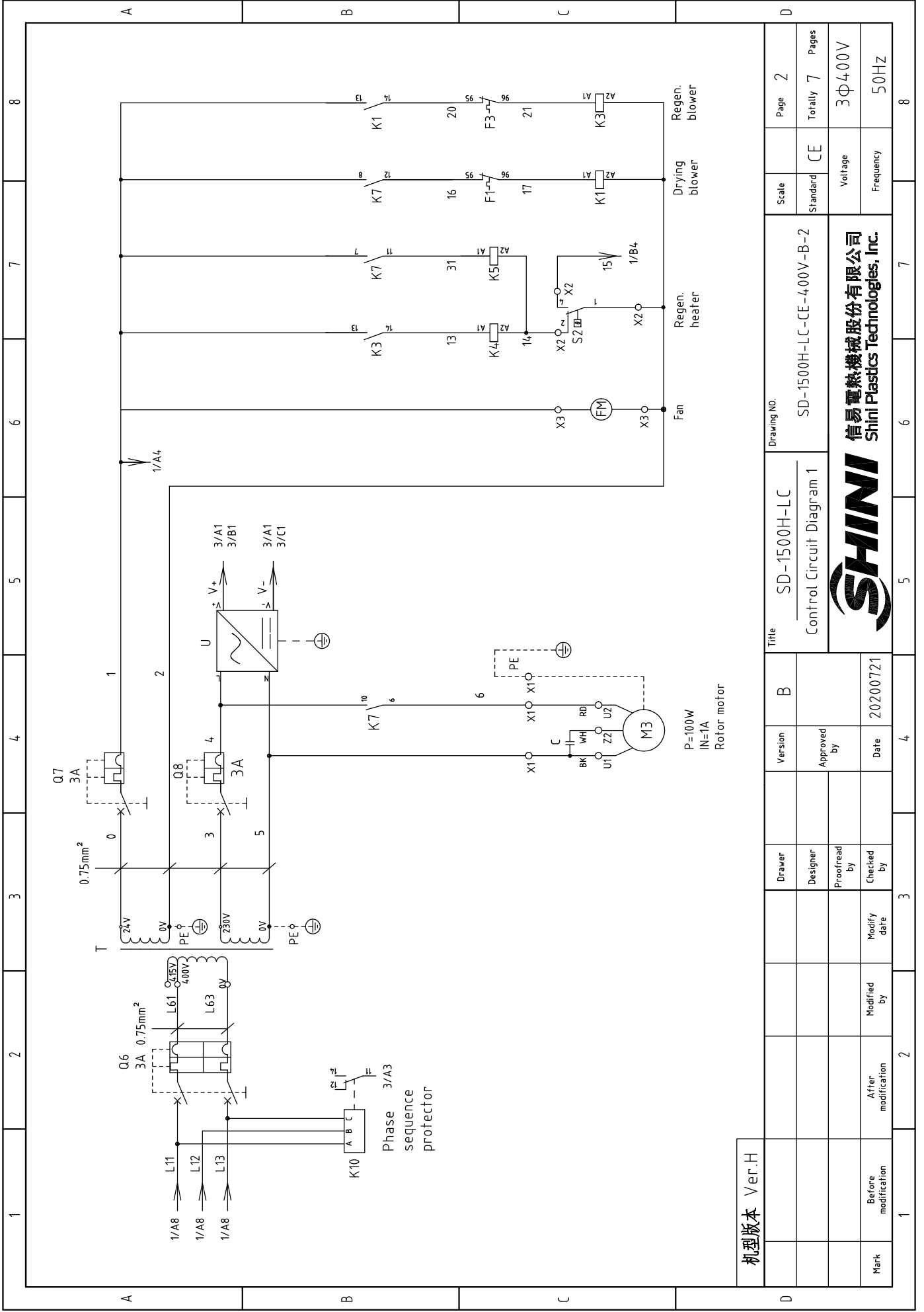


机型版本	Ver.H
Mark	Before modification
	After modification
	Modified by
	Modify date
	Checked by
	Proofread by
	Designer
	Drawer

Title		SD-1500H-LC	Version		B
Drawing No.		SD-1500H-LC-CE-400V-B-1	Approved by		
Main Circuit Diagram			Date		20200721

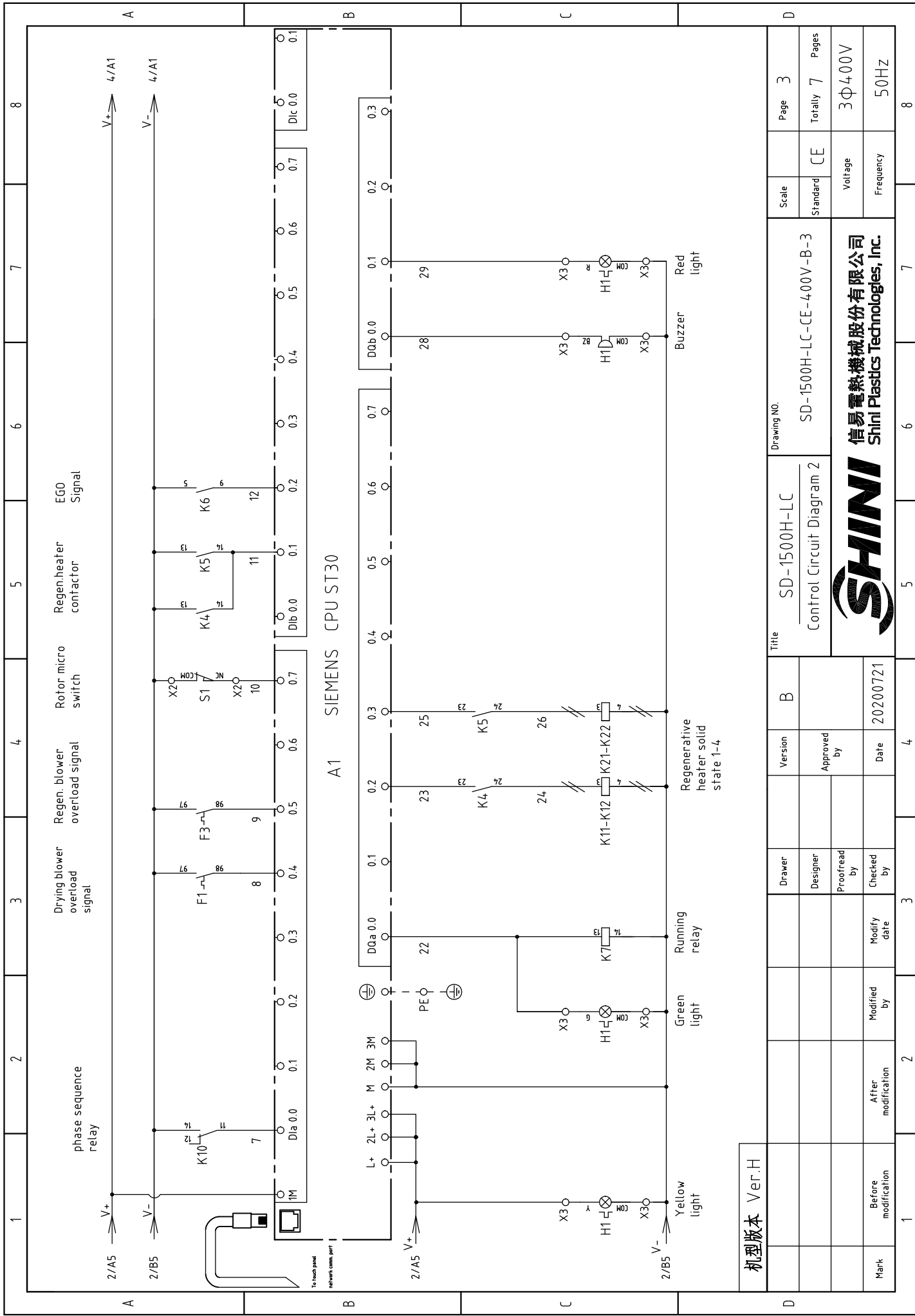
Scale	Page	1
Standard	Totally	7
	Pages	
Voltage	3φ400V	
Frequency	50Hz	

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机型版本 Ver.H

Title		SD-1500H-LC		Drawing No.		SD-1500H-LC-CE-400V-B-2		Scale		Page 2	
Control Circuit Diagram 1								Standard		Totally 7 Pages	
								Voltage		3Φ400V	
								Frequency		50Hz	
SHINI		信易電熱機械股份有限公司		SHINI		Shini Plastics Technologies, Inc.					
Mark	Before modification	Modified by	20200721	Date	4	5	6	7	8		
Checked by		Approved by		Version	B						
Proofread by		Designer		Drawer							
Modify date											

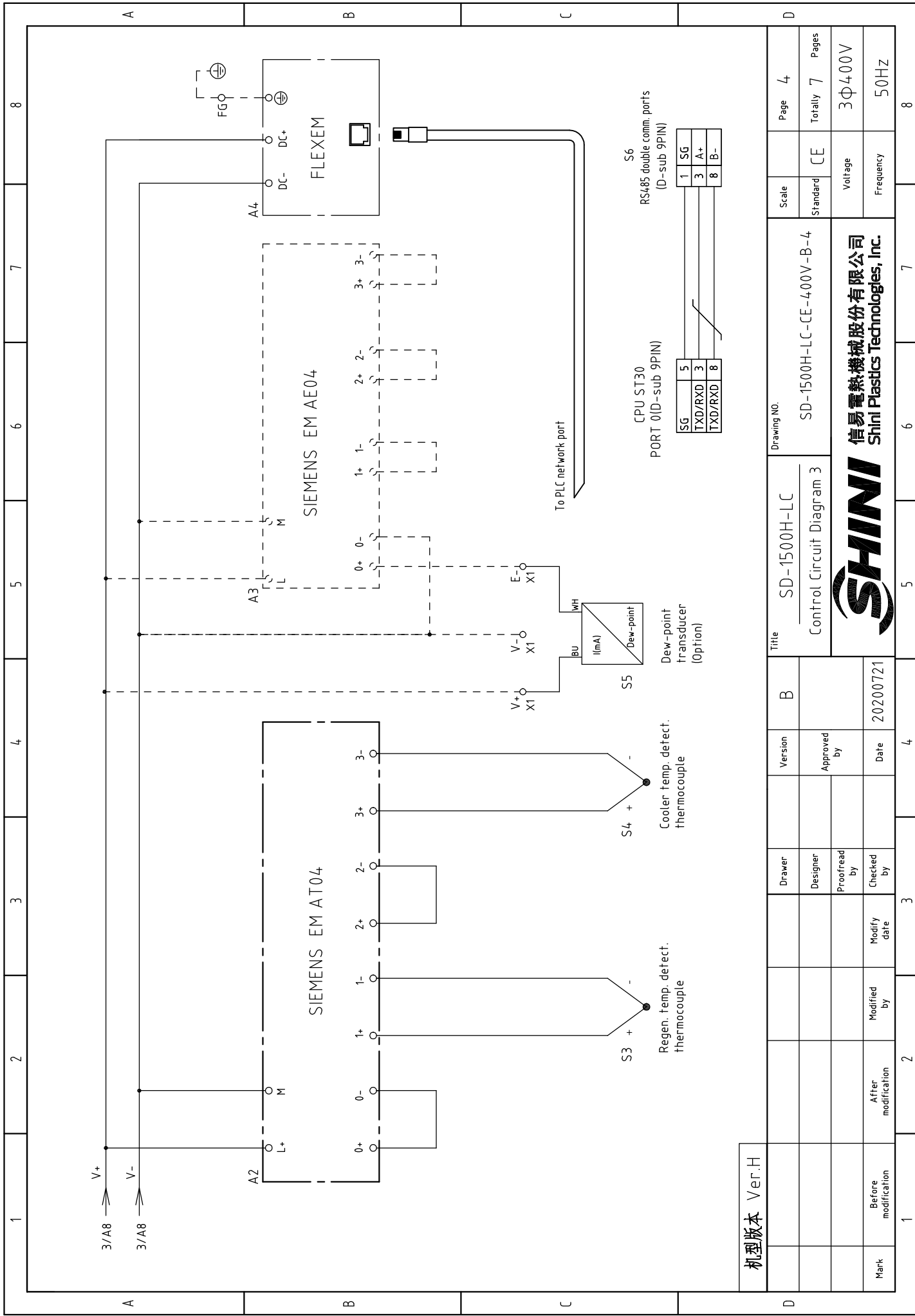


A1 SIEMENS CPU ST30

机型版本 Ver.H

Title		SD-1500H-LC		Drawing NO.		Page 3	
Control Circuit Diagram 2		SD-1500H-LC-CE-400V-B-3		Standard		CE	
Version		B		Scale		Voltage	
Approved by		Date		Standard		Frequency	
20200721				CE		3Φ400V	
Checked by		Modify date		Voltage		Frequency	
After modification				3Φ400V		50Hz	
Before modification				Voltage		Frequency	
				3Φ400V		50Hz	

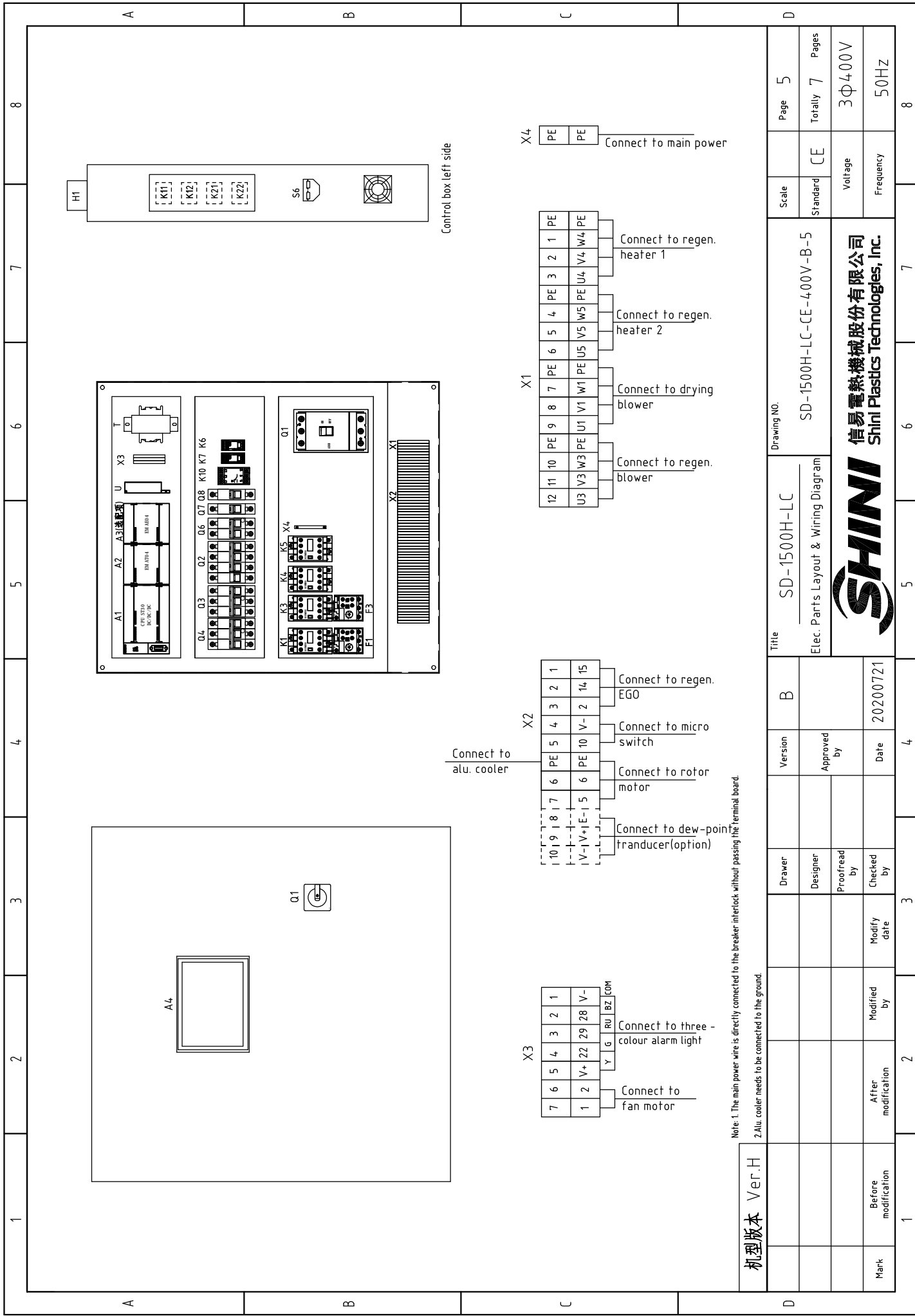




机型版本 Ver.H

Title		SD-1500H-LC		Drawing NO.		SD-1500H-LC-CE-400V-B-4		Page		4			
Control Circuit Diagram 3		Version		Approved by		Standard		CE		Totally		7	
Date		20200721		Proofread by		Voltage		3Φ400V		Frequency		50Hz	
Mark		Before modification		After modification		Modified by		Modify date		Checked by		Date	





Note: 1. The main power wire is directly connected to the breaker interlock without passing the terminal board.
 2. Alu. cooler needs to be connected to the ground.

机型版本 Ver. H	Title SD-1500H-LC		Drawing NO. SD-1500H-LC-CE-400V-B-5		Page 5
	Version B	Elec. Parts Layout & Wiring Diagram		Standard CE	Totally 7 Pages
Drawer	Designer	Proofread by	Checked by	Voltage 3Φ400V	
Modified by	After modification	Modify date	Frequency 50HZ		
Mark	Before modification				

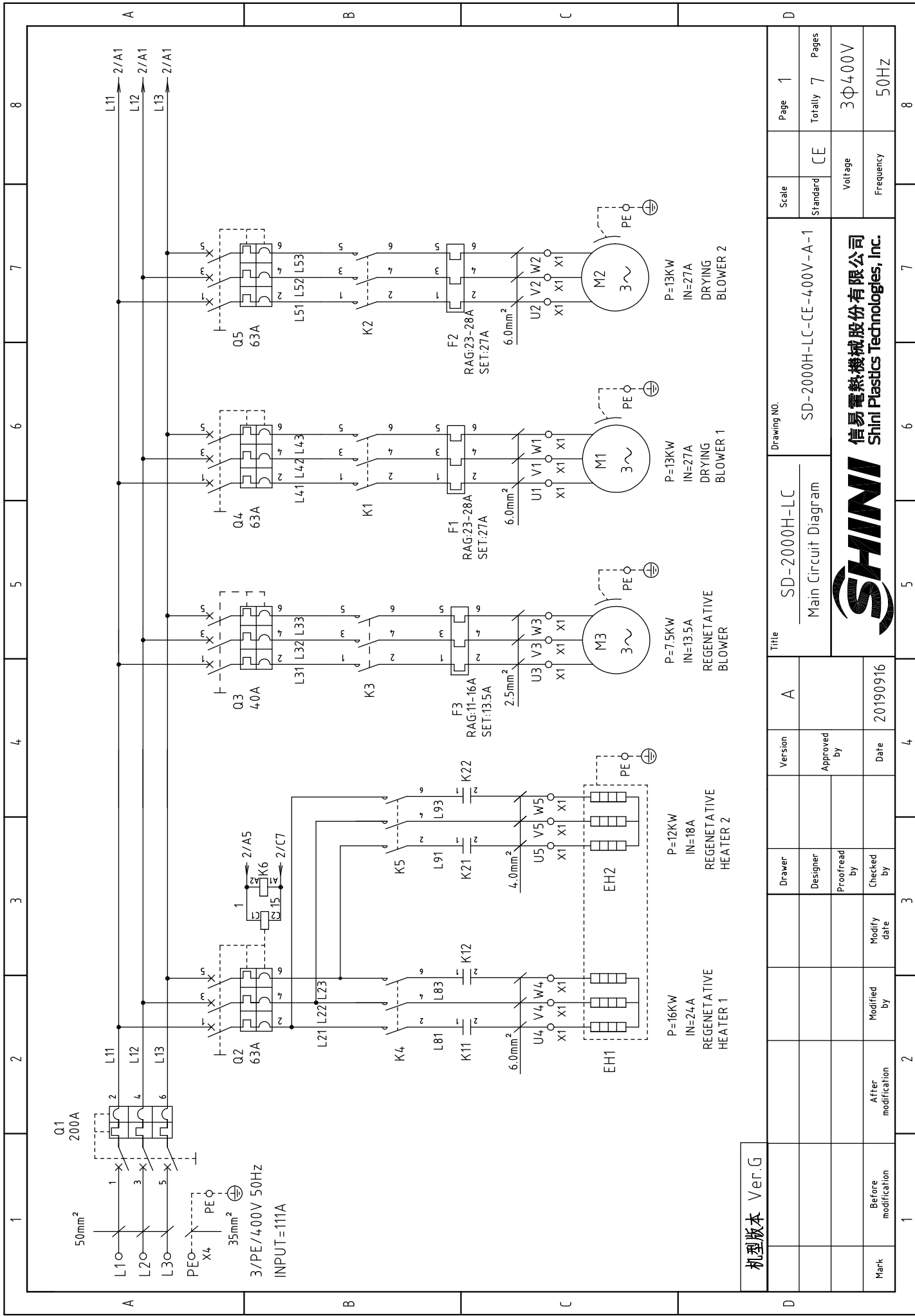


1		2		3		4		5		6		7		8	
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark							
1	Q1	Breaker interlock	ABB	A1A125TMF125	125A	1	YE41161400000								
2	Q2 Q4	Circuit breaker	TECO	BM-63C/3P	63A	2	YE40306303000								
3	Q3	Circuit breaker	TECO	BM-63C/3P	40A	1	YE40304003000								
4		Excitation release	YIJIN	MX	24VAC	1	YE40024000000								
5	Q6	Circuit breaker	TECO	BM-63C/2P	3A	1	YE40200203000								
6	Q7 Q8	Circuit breaker	TECO	BM-63C/1P	3A	2	YE40100203000								
7	K1	Contactors	SIEMENS	3RT6027-1AC20-24VAC	24VAC 50/60HZ	1	YE00602702600								
8	K3	Contactors	SIEMENS	3RT6026-1AC20-24VAC	24VAC 50/60HZ	1	YE00602602600								
9	K4 K5	Contactors	SIEMENS	3RT6023-1AC20-24VAC	24VAC 50/60HZ	2	YE00602301100								
10		Auxiliary contactor	SIEMENS	3RH6911	1AA10	2	YE00691110000								
11	K6	Middle relay	Honeywell	GR-2C base PGR-2C-E	AC24V	1	YE03022400300								
12	K7	Middle relay	Honeywell	GR-4C-DC24V base PGR-4C-E	DC24V	1	YE03042400500								
13	K10	Phase sequence protector	CHAOSHI	ABJ-10W	400V 50/60Hz	1	YE03103800000								
14	K11 K12	Solid state relay	FOTEK	KSR-50DA-H	50A/480VAC/4-32VDC	2	YE03505003200								
15	K21 K22	Solid state relay	FOTEK	KSR-40DA-H	40A/480VAC/4-32VDC	2	YE03404003200								
16	F1	Thermal overload relay	SIEMENS	3RU6126-4CB0	17-22A	1	YE01260170000								
17	F3	Thermal overload relay	SIEMENS	3RU6126-4AB0	11-16A	1	YE01260110000								
18	A1	Programmable logic controller	SIEMENS	CPU ST30 DC/DC/DC	24VDC	1	YE81003006100								
19	A2	PLC extended module	SIEMENS	EM AT04	24VDC	1	YE82000400300								
20	A3	PLC extended module	SIEMENS	EM AE04	24VDC	1	YE82000400100	(2)							
21	A4	Human-machine interface	FLEXEM	F007R	24VDC	1	YE80072400000								
22	T	Transformer	JIUXIN	IN=400V/4.15VOUT=24V/230V	350VA 350MA	1	YE70040007600								
23	U	DC power	MEAN WELL	S-35-24	IN=230V OUT=DC24V 1.5A	1	YE71352400100								
24	S1	Micro switch	----	----	24V	1	----	(1)							
25	S2	Overheat protector	TONGBAO	WR-A-50-300-1000-3	250V~5(4)A	1	----	(1)							
机版本 Ver.H															
Notes: (1)Means it's not the material inside the control box. (2) Dew-point option;															
		Drawer	Designer	Proofread by	Checked by	Modify date	Modified by	After modification							
		Version	Approved by	Date											
		B													
		Title		SD-1500H-LC											
		Drawing NO.		SD-1500H-LC-CE-400V-B-6											
		Electrical Parts List 1													
		Scale		CE											
		Standard		Voltage											
		Page		3Φ400V											
		Totally		50HZ											
		Frequency													
		Page		6											
		Totally		7											
		Pages		8											



1		2		3		4		5		6		7		8	
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark							
26	S3 S4	Thermocouple	SHINI	ST-K	K	4	----	(1)							
27	S5	Dew-point transducer	SUTO	217-OEM	POWER=24VDC OUT=4-20mA	1	YE90021700100	(1)(2)							
28	S6	Communication interface board RS-485 (double Dsub-9pin connector)	YUYUN	----	PCS	1	YE90048501200								
29		Shell RS485(SAL-700G-A-19)Ver.0	BINCHEG	----	PCS	1	YR40048500000								
30		Super 5 network jumper	----	2M	BA	1	YE90000201600								
31	H1	3-color alarm light	SHINI	24V AC/DC high priority	PCS	1	BL90242201520	(1)							
32	X4	Terminal board	HONEYWELL	GK16PE	16mm ² PE	1	YE60001603500								
33	X1	Terminal board	HONEYWELL	SK6	6mm ²	3	YE60000603200								
34		Terminal board	HONEYWELL	GK6PE	6mm ² PE	1	YE60000603500								
35		Terminal board	HONEYWELL	SK4	4mm ²	9	YE60000403200								
36		Terminal board	HONEYWELL	GK5PE	4mm ² PE	3	YE60000403500								
37	X2	Terminal board	HONEYWELL	SK2.5	2.5mm ²	7	YE60002503200								
38		Terminal board	HONEYWELL	GK2.5PE	2.5mm ² PE	2	YE60002503500								
39		Terminal board	HONEYWELL	SK2.5	2.5mm ²	3	YE60002503200	(2)							
40	X3	Terminal board	HONEYWELL	SK2.5	2.5mm ²	7	YE60002503200								
41		Terminal fittings E/GK series	HONEYWELL	E	GK	5	YE60000003900								
42	FM	Fan	SUNON	DP-200A	24VAC 40W	1	-----	(1)							
43	M1 M2	Blower	SHINI	----	380-415V 9kW	2	-----	(1)							
44	M3	Blower	SHINI	----	380-415V 7.5kW	1	-----	(1)							
45	M4	Rotor motor	----	----	230V 50/60Hz	1	-----	(1)							
46	EH1 EH2	Pipe heater	SHINI	----	380-415V 16kW/12kW	2	-----	(1)							
机型版本 Ver.H		Notes: (1)Means it's not the material inside the control box. (2) Dew-point option;													
		Drawer		Version		Title		Drawing NO.		Scale		Page		7	
		Designer		Approved by		SD-1500H-LC		SD-1500H-LC-CE-400V-B-7		Standard		CE		Totally 7	
		Proofread by		Date		Electrical Parts List 2				Voltage		3Φ 400V			
Mark		After modification		Modify date		20200721				Frequency		50Hz			
1		2		3		4		5		6		7		8	

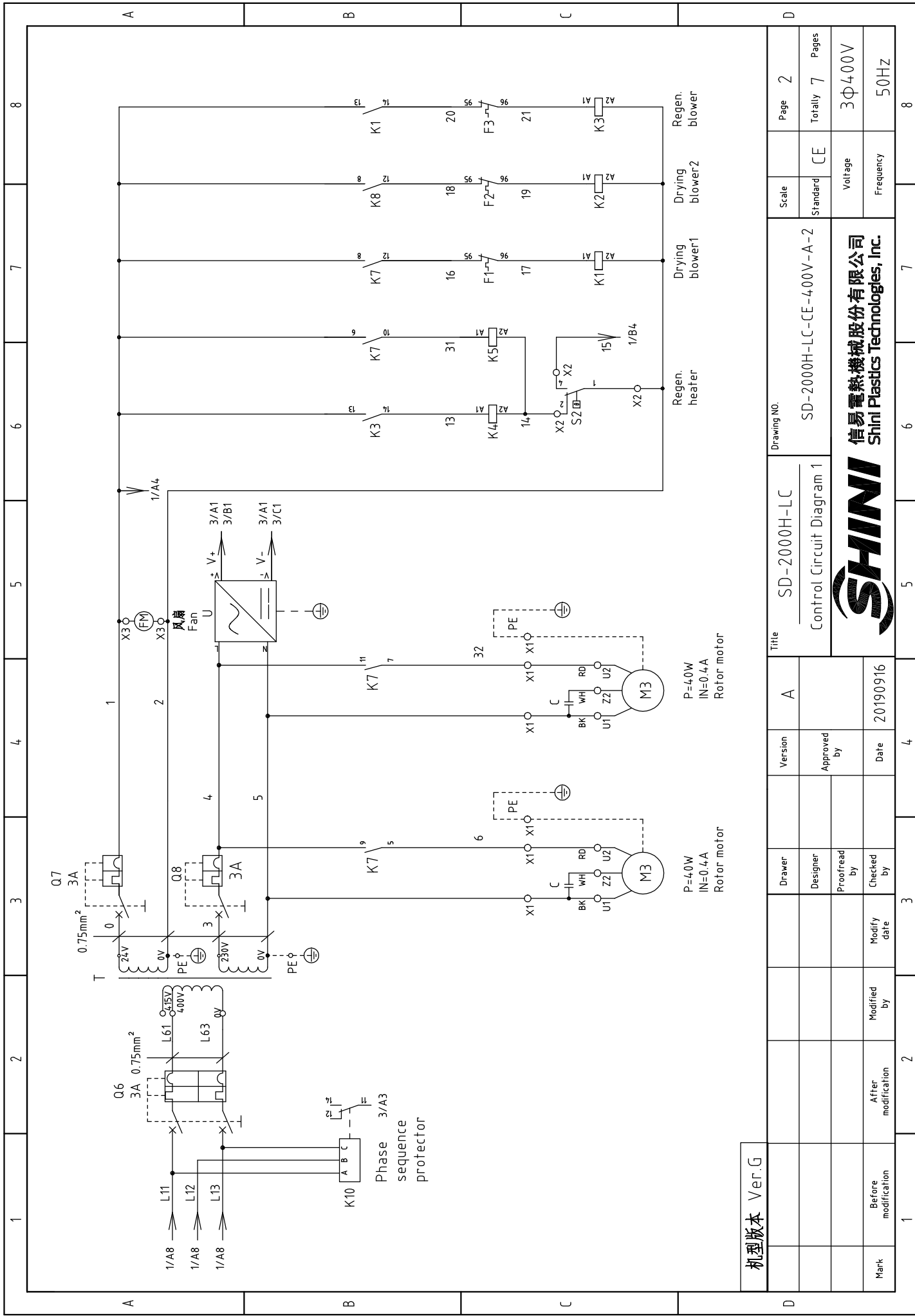




机型版本 Ver.G

Drawing NO.		SD-2000H-LC-CE-400V-A-1	
Title		SD-2000H-LC Main Circuit Diagram	
Version	A	Scale	CE
Drawer		Page	1
Designer		Totally	7
Proofread by		Standard	CE
Checked by	20190916	Voltage	3Φ400V
Modify date		Frequency	50Hz
Modified by		8	
After modification		7	
Before modification		6	
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4		2	
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6		8	
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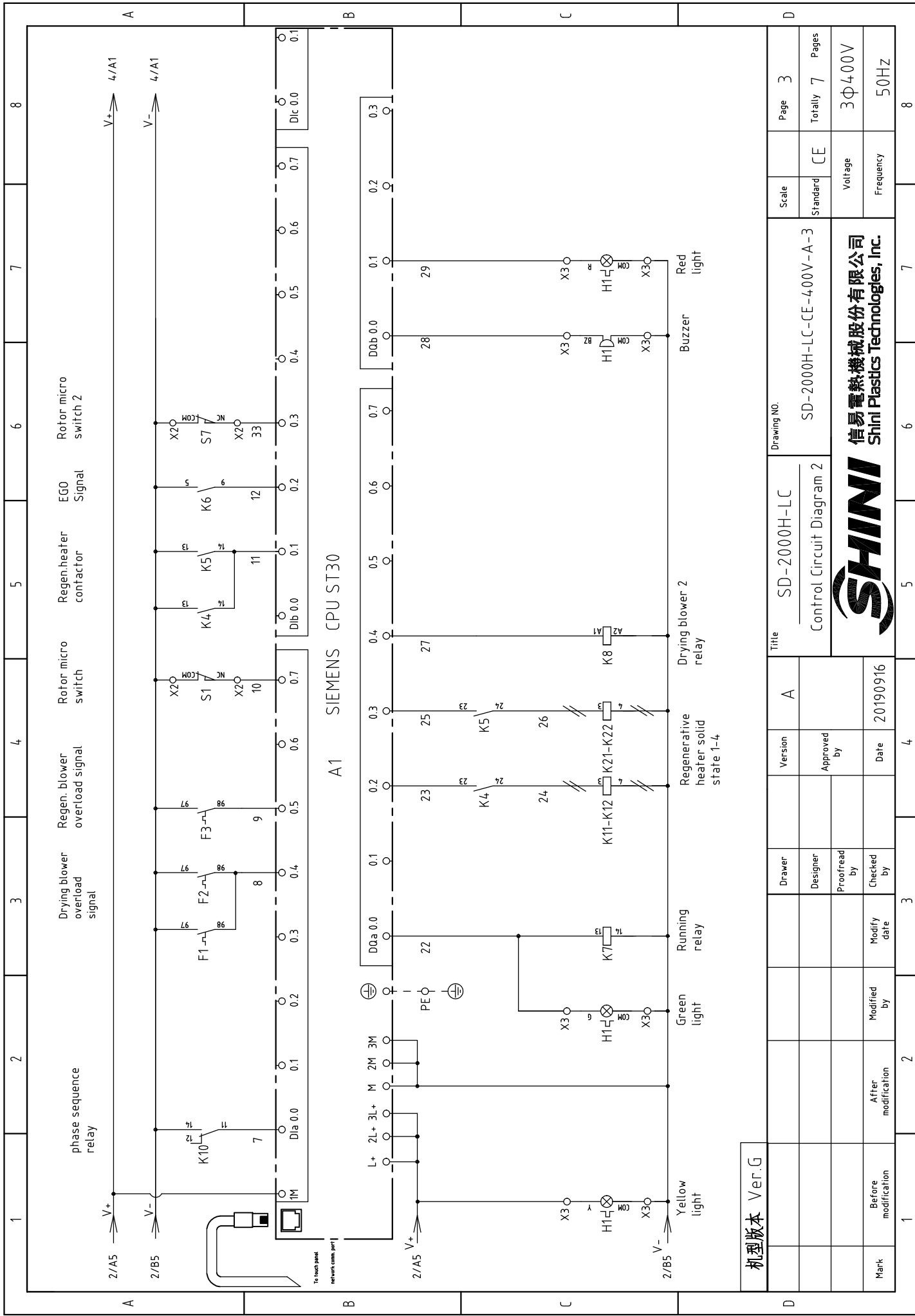




机型版本	Ver.G
Mark	Before modification
	After modification
	Modify date
	Checked by
	Proofread by
	Designer
	Drawer
	Version
	Approved by
	Date
	20190916

Title		SD-2000H-LC	
Drawing NO.		SD-2000H-LC-CE-400V-A-2	
Control Circuit Diagram 1		CE	
Voltage		3Φ400V	
Frequency		50Hz	
Page	2	Scale	
Totally	7	Standard	
Pages			

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 Shini Plastics Technologies, Inc.

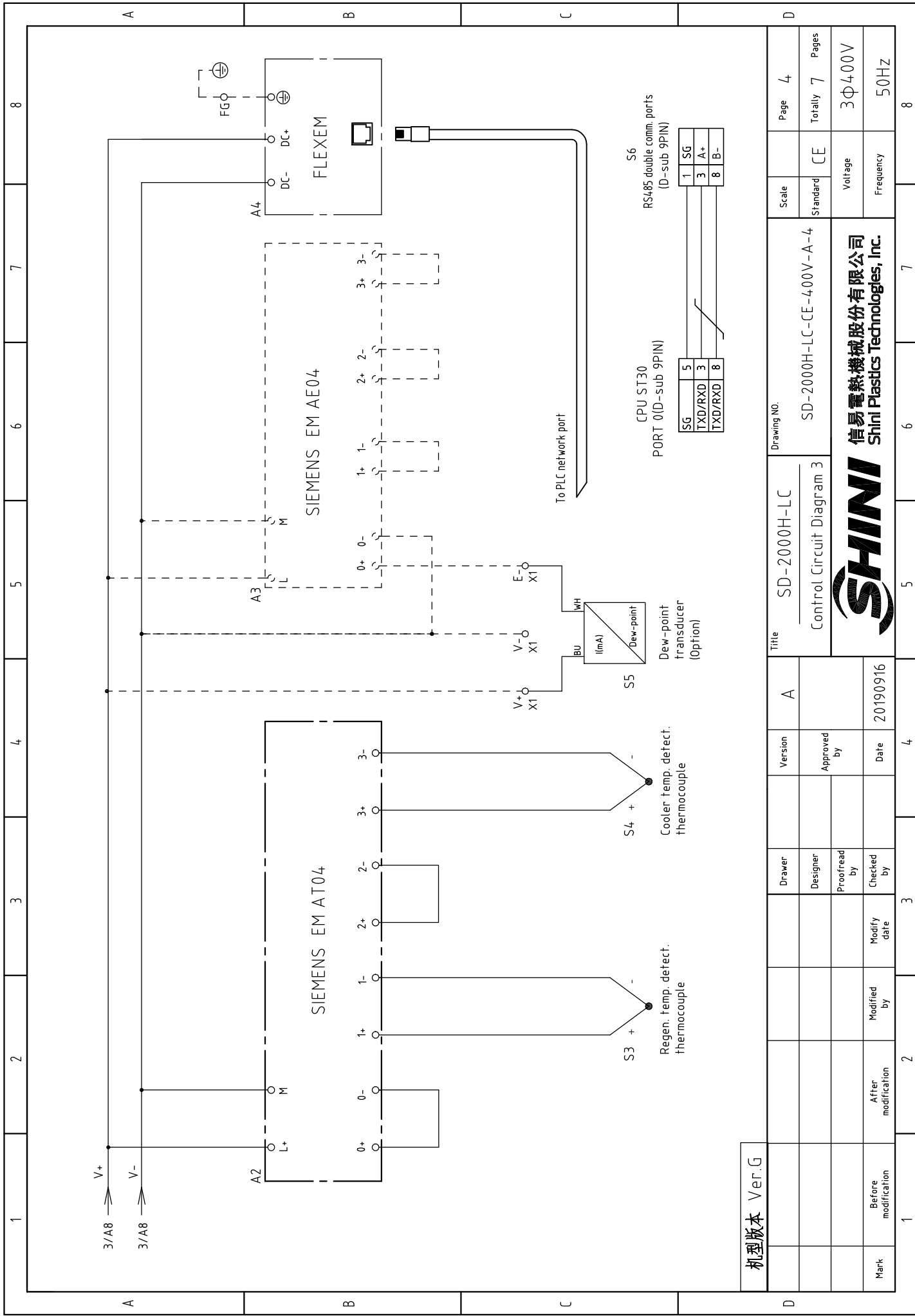


A1 SIEMENS CPU ST30

机型版本 Ver.G

Title		SD-2000H-LC		Drawing No.		SD-2000H-LC-CE-400V-A-3	
Version		A		Scale		Page 3	
Approved by				Standard		CE	
Date		20190916		Voltage		3Φ400V	
Checked by				Frequency		50Hz	
Modified by				Totally		7 Pages	
After modification				Voltage		3Φ400V	
Before modification				Frequency		50Hz	

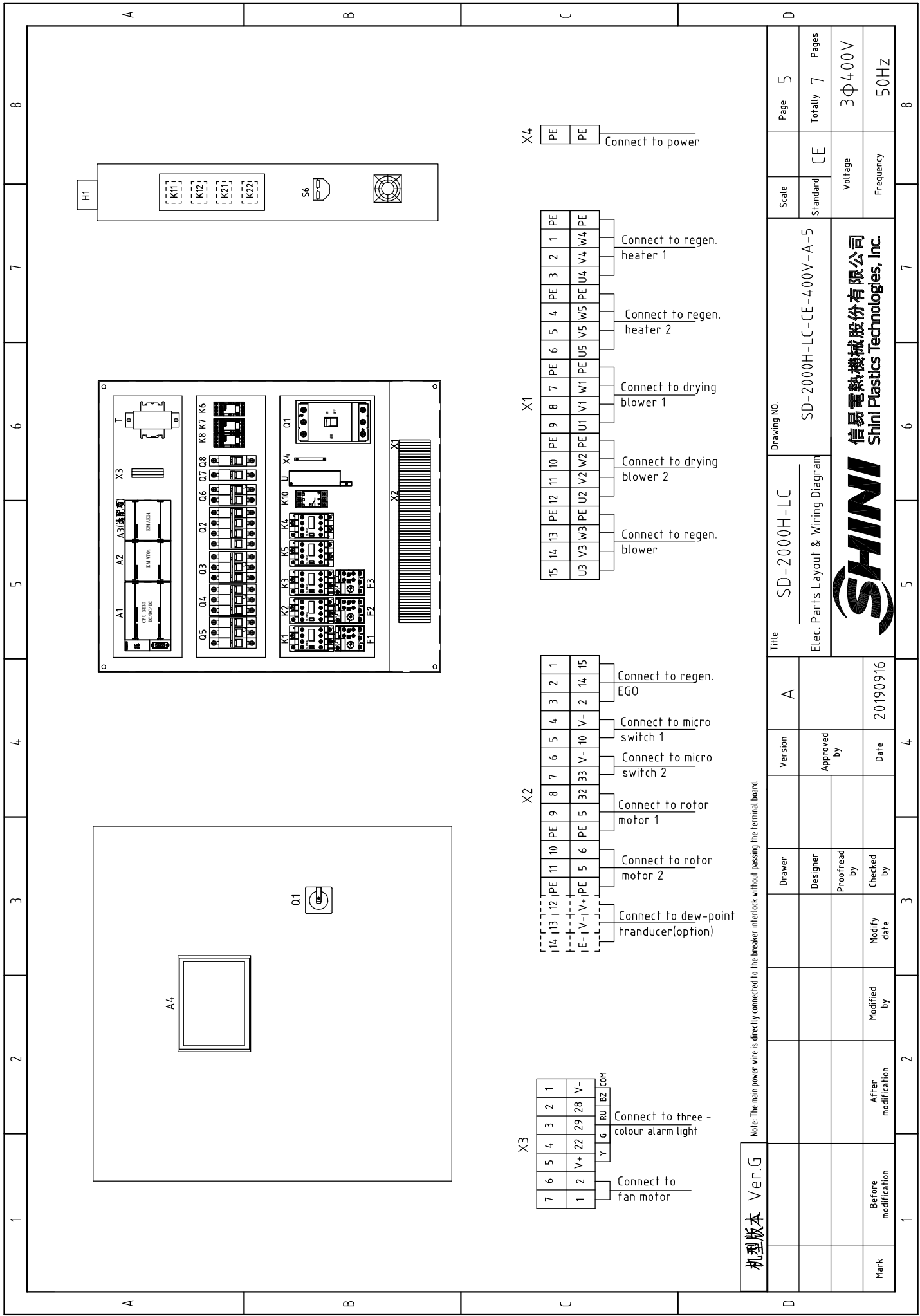




机型版本 Ver.G

Title		SD-2000H-LC		Drawing No.		SD-2000H-LC-CE-400V-A-4		Page		4	
Control Circuit Diagram 3		A		Version		Approved by		Standard		CE	
Date		2019/9/16		Proofread by		Checked by		Voltage		3Φ400V	
After modification		Modify date		Modified by		Modify date		Frequency		50Hz	
Before modification		1		2		3		4		5	
Mark		1		2		3		4		5	
Total		7		8		9		10		11	

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Shini Plastics Technologies, Inc.



1 2 3 4 5 6 7 8

A B C D

A B C D

机型版本 Ver.G

Note: The main power wire is directly connected to the breaker interlock without passing the terminal board.

Drawer	Version	Title		Scale	Page
Designer	Approved by	SD-2000H-LC	SD-2000H-LC-CE-400V-A-5	CE	5
Proofread by	Date	Elec. Parts Layout & Wiring Diagram		Voltage	Totally 7
Checked by	20190916	信易电热机械股份有限公司 Shini Plastics Technologies, Inc.		Frequency	Pages
Modify date		SHINI		3Φ400V	50Hz
Modified by					
After modification					
Before modification					
Mark					

X3

7	6	5	4	3	2	1
1	2	V+	22	29	28	V-
Y	L	R	BZ	COM		

Connect to fan motor

Connect to three - colour alarm light

X2

14	13	12	11	10	PE	9	8	7	6	5	4	3	2	1
E-	V-	V+	PE	5	6	PE	5	32	33	V-	10	V-	2	14

Connect to dew-point transducer(option)

Connect to rotor motor 2

Connect to rotor motor 1

Connect to micro switch 2

Connect to micro switch 1

Connect to regen. EGO

X1

15	14	13	PE	12	11	10	PE	9	8	7	PE	6	5	4	PE	3	2	1	PE
U3	V3	W3	PE	U2	V2	W2	PE	U1	V1	W1	PE	U5	V5	W5	PE	U4	V4	W4	PE

Connect to regen. blower

Connect to drying blower 2

Connect to drying blower 1

Connect to regen. heater 2

Connect to regen. heater 1

X4

PE	PE
----	----

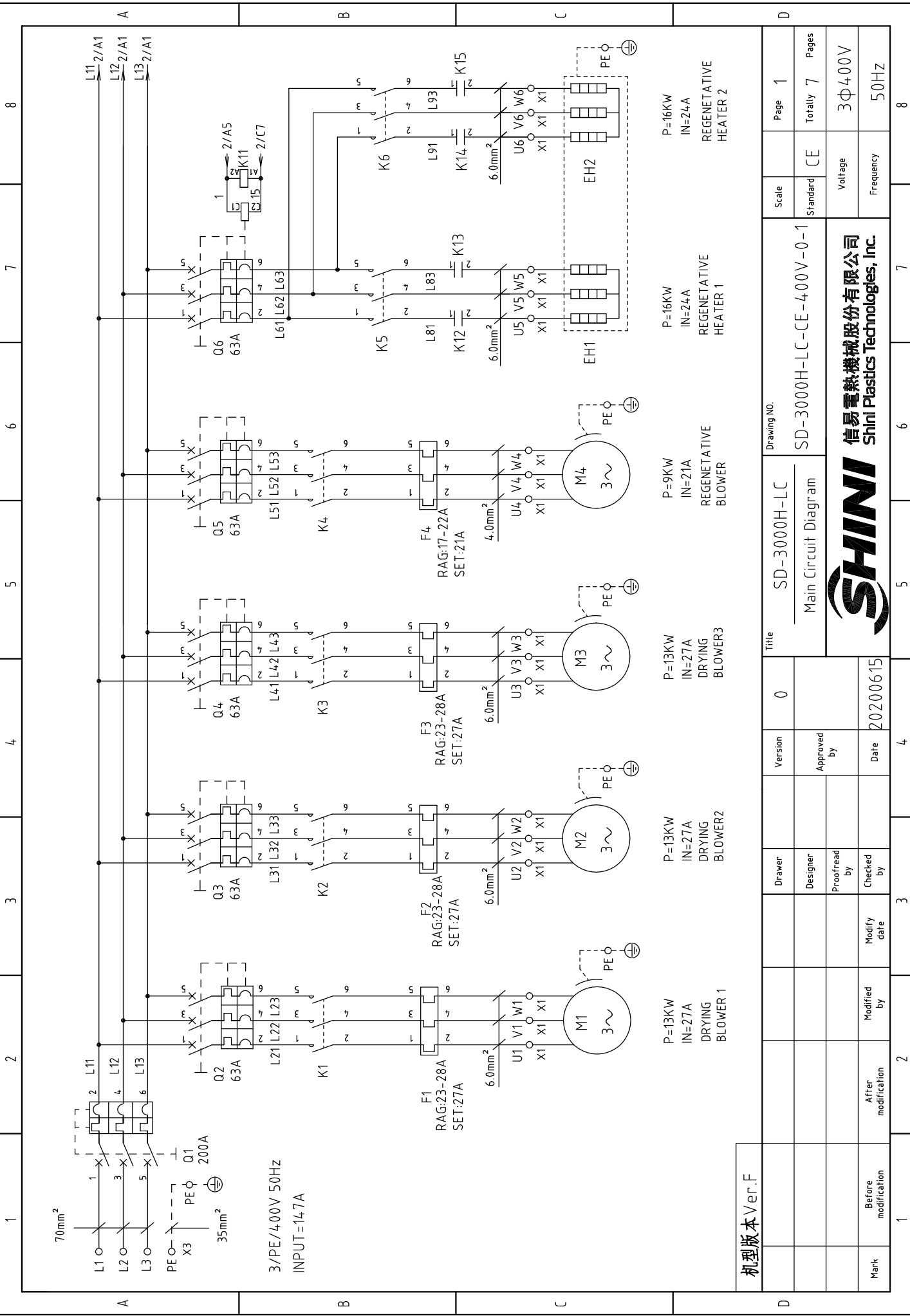
Connect to power

1		2		3		4		5		6		7		8	
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark							
1	Q1	Breaker interlock	ABB	A1A250TMF200	200A	1	YE41252200000								
2	Q2	Circuit breaker	TECO	BM-63C/3P	63A	1	YE40306303000								
3	Q3	Circuit breaker	TECO	BM-63C/3P	40A	1	YE40304003000								
4		Excitation release	YIJIN	MX	24VAC	1	YE40024000000								
5	Q4 Q5	Circuit breaker	TECO	BM-63C/3P	63A	2	YE40306303000								
6	Q6	Circuit breaker	TECO	BM-63C/2P	3A	1	YE40200203000								
7	Q7 Q8	Circuit breaker	TECO	BM-63C/1P	3A	2	YE40100203000								
8	K1 K2	Contactors	SIEMENS	3RT6028-1AC20-24VAC	24VAC 50/60HZ	2	YE00602802600								
9	K3	Contactors	SIEMENS	3RT6026-1AC20-24VAC	24VAC 50/60Hz	1	YE00602602600								
10		Auxiliary contactor	SIEMENS	3RH6911	1AA10	2	YE00691100000								
11	K4 K5	Contactors	SIEMENS	3RT6023-1AC20-24VAC	24VAC 50/60HZ	2	YE00602301100								
12	K6	Middle relay	Honeywell	GR-2C base PGR-2C-E	AC24V	1	YE03022400300								
13	K8	Middle relay	Honeywell	DRM270024LT	24VDC	1	YE03272400000								
14	K7	Middle relay	Honeywell	GR-4C-DC24V base PGR-4C-E	DC24V	1	YE03042400500								
15	K10	Phase sequence protector	CHAOSHI	ABJ-10W	400V 50/60Hz	1	YE03103800000								
16	K11 K12	Solid state relay	FOTEK	KSR-50DA-H	50A/480VAC/4-32VDC	2	YE03505003200								
17	K21 K22	Solid state relay	FOTEK	KSR-40DA-H	40A/480VAC/4-32VDC	2	YE03404003200								
18	F1 F2	Thermal overload relay	SIEMENS	3RU6126-4NB0	23-28A	2	YE01612620000								
19	F3	Thermal overload relay	SIEMENS	3RU6126-4AB0	11-16A	1	YE01260100000								
20	A1	Programmable logic controller	SIEMENS	CPU ST30 DC/DC/DC	24VDC	1	YE810030006100								
21	A2	PLC extended module	SIEMENS	EM AT04	24VDC	1	YE82000400300								
22	A3	PLC extended module	SIEMENS	EM AE04	24VDC	1	YE82000400100	(2)							
23	A4	Human-machine interface	FLEXEM	F007R	24VDC	1	YE80072400000								
24	T	Transformer	JIUXIN	IN=400V/415V OUT=24V/230V	350VA 350MA	1	YE700400007600								
25	U	DC power	MEAN WELL	S-35-24	IN=230V OUT=DC24V 1.5A	1	YE71352400100								
机型版本 Ver.G		Notes: (1)Means it's not the material inside the control box. (2) Dew-point option;													
D		Title		SD-2000H-LC		Drawing NO.		SD-2000H-LC-CE-400V-A-6		Scale		Page 6		8	
		Version		A		Electrical Parts List 1		CE		Standard		Voltage		3Φ400V	
		Approved by										Frequency		50Hz	
		Checked by		20190916											
Mark		After modification		Modified by		Date									
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	S1 S7	Micro switch	TEND	LXW5-11G1	250V~ 5(4)A	2	----	(1)							
27	S2	Overheat protector	TONGBAO	WR-A-50-300-1000-3	250V-5(4)A	1	----	(1)							
28	S3 S4	Thermocouple	SHINI	ST-K	K	4	----	(1)							
29	S5	Shell RS485(SAL-700G-A-19)Ver.0	SUTO	217-OEM	POWER=24VDC OUT=4-20mA	1	YE90021700100	(1)(2)							
30	S6	Communication interface board RS-485 (double D-sub-9pin connector)	YUYUN	----	PCS	1	YE90048501200								
31		Shell RS485(SAL-700G-A-19)Ver.0	BINCHENG	----	PCS	1	YR40048500000								
32		Super 5 network jumper	----	2M	BA	1	YE90000201600								
33	X4	Terminal board	HONEYWELL	GK35PE	35mm ² PE	1	YE60003503500								
34	X1	Terminal board	HONEYWELL	SK6	6mm ²	12	YE60000603200								
35		Terminal board	HONEYWELL	GK6PE	6mm ² PE	4	YE60000603500								
36		Terminal board	HONEYWELL	SK4	4mm ²	3	YE60000403200								
37		Terminal board	HONEYWELL	GK5PE	4mm ² PE	1	YE60000403500								
38	X2	Terminal board	HONEYWELL	SK2.5	2.5mm ²	11	YE60002503200								
39		Terminal board	HONEYWELL	GK2.5PE	2.5mm ² PE	2	YE60002503500								
40		Terminal board	HONEYWELL	SK2.5	2.5mm ²	3	YE60002503200	(2)							
41	X3	Terminal board	HONEYWELL	SK2.5	2.5mm ²	7	YE60002503200								
42		Terminal fittings E/GK series	HONEYWELL	E	GK	5	YE60000003900								
43	FM	Fan	SUNON	DP-200A	24VAC 40W	1	-----	(1)							
44	M1 M2	Blower	SHINI	----	380-415V 13kW	2	-----	(1)							
45	M3	Blower	SHINI	----	380-415V 7.5kW	1	-----	(1)							
46	M4 M5	Rotor motor	----	----	230V 50/60HZ	2	-----	(1)							
47	EH1 EH2	Pipe heater	SHINI	----	380-415V 16kW/12kW	2	-----	(1)							
48	H1	3-color alarm light	SHINI	24V AC/DC high priority	PCS	1	BL90242201520	(1)							
机型版本 Ver.G Notes: (1)Means it's not the material inside the control box. (2) Dew-point option;															
				Title		Drawing NO.		Scale		Page		D			
				SD-2000H-LC		SD-2000H-LC-CE-400V-A-7		CE		7		Totally 7 Pages			
				Electrical Parts List 2				Voltage		3Φ400V		Frequency			
				Date		20190916						50Hz			
				Approved by											
				Checked by											
				Modified by											
				Modify date											
				Proofread by											
				Designer											
				Drawer											
				Version		A									





P=16KW
IN=24A
REGENETATIVE
HEATER 2

P=16KW
IN=24A
REGENETATIVE
HEATER 1

P=9KW
IN=21A
REGENETATIVE
BLOWER

P=13KW
IN=27A
DRYING
BLOWER3

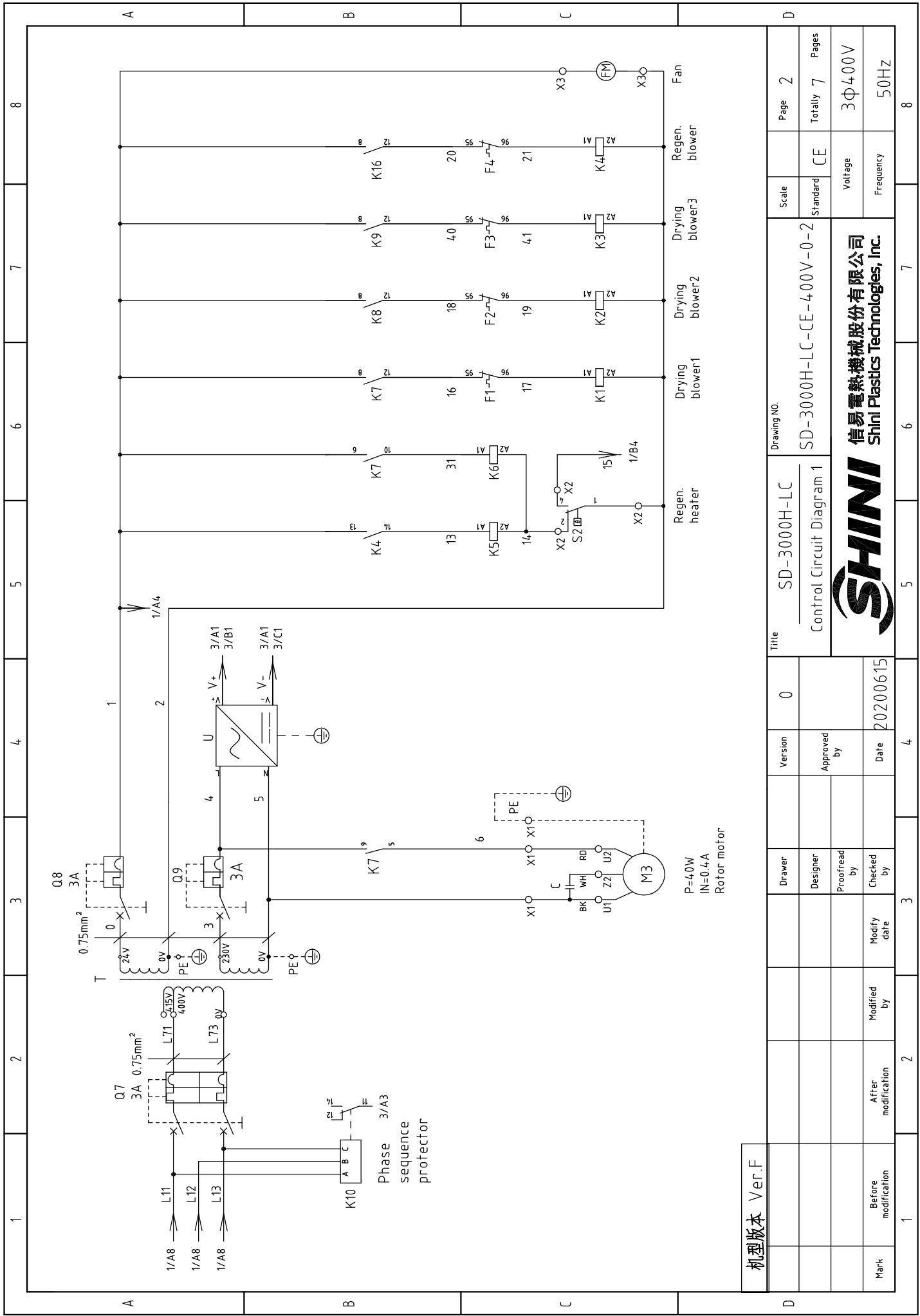
P=13KW
IN=27A
DRYING
BLOWER2

P=13KW
IN=27A
DRYING
BLOWER 1

机型版本 Ver.F

Drawing No.		SD-3000H-LC		Page 1	
Title		Main Circuit Diagram		Totally 7 Pages	
Version		0		Standard CE	
Approved by				Voltage 3Φ400V	
Date		20200615		Frequency 50Hz	
Drawer				Scale	
Designer				Standard	
Proofread by				Voltage	
Checked by				Frequency	
Modify date				Page	
After modification				Totally	
Before modification				Pages	



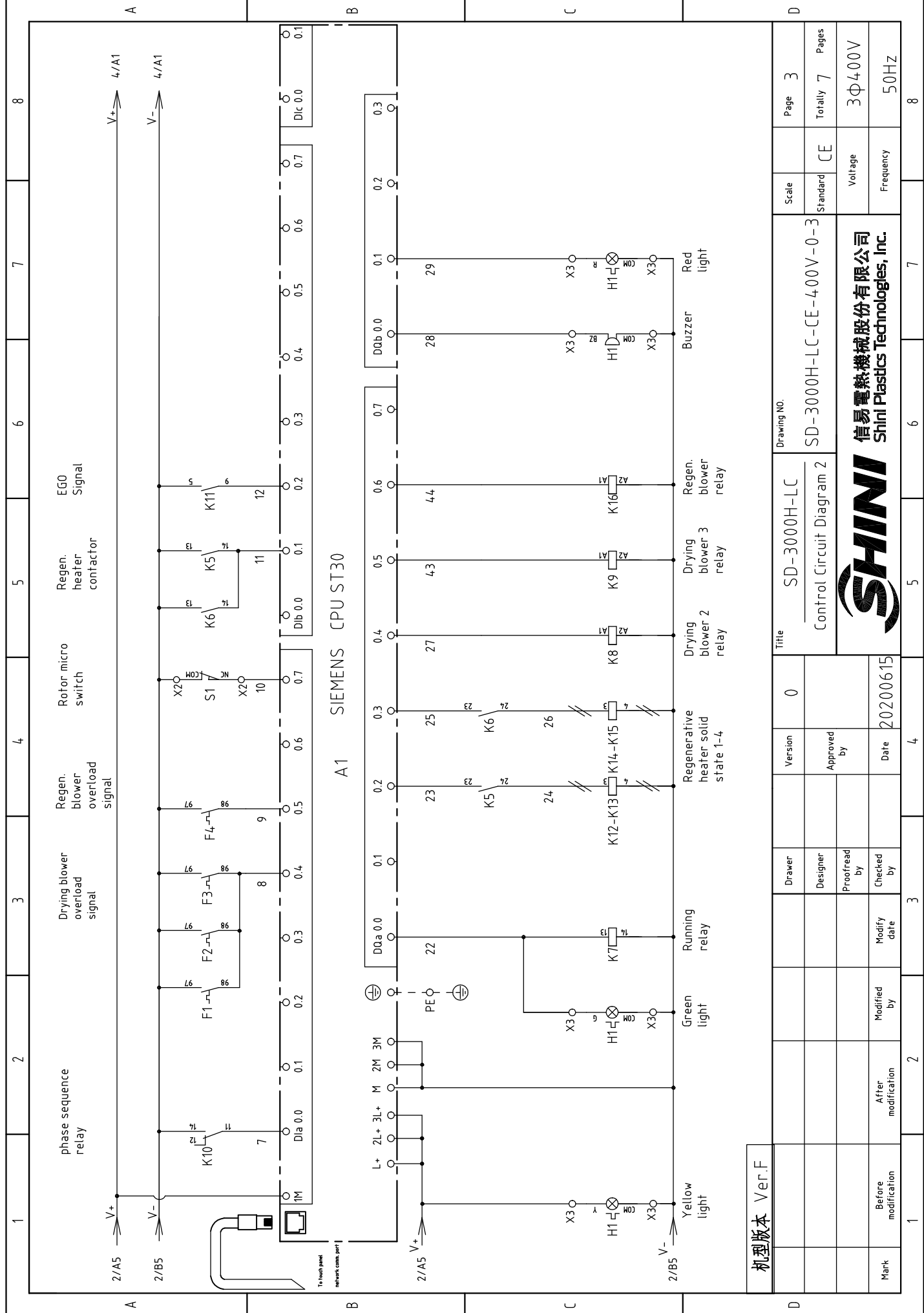


机型版本	Ver.F
Mark	Before modification
	After modification
	Modify date
	Checked by
	Proofread by
	Designer
	Drawer
	Version
	0
	Approved by
	Date
	20200615

Title		SD-3000H-LC	
Drawing NO.		SD-3000H-LC-CE-400V-0-2	
Control Circuit Diagram 1			
P=40W IN=0.4A Rotor motor			

Scale	Page	2
Standard	Totally	7
CE	Pages	
Voltage	3Φ400V	
Frequency	50Hz	



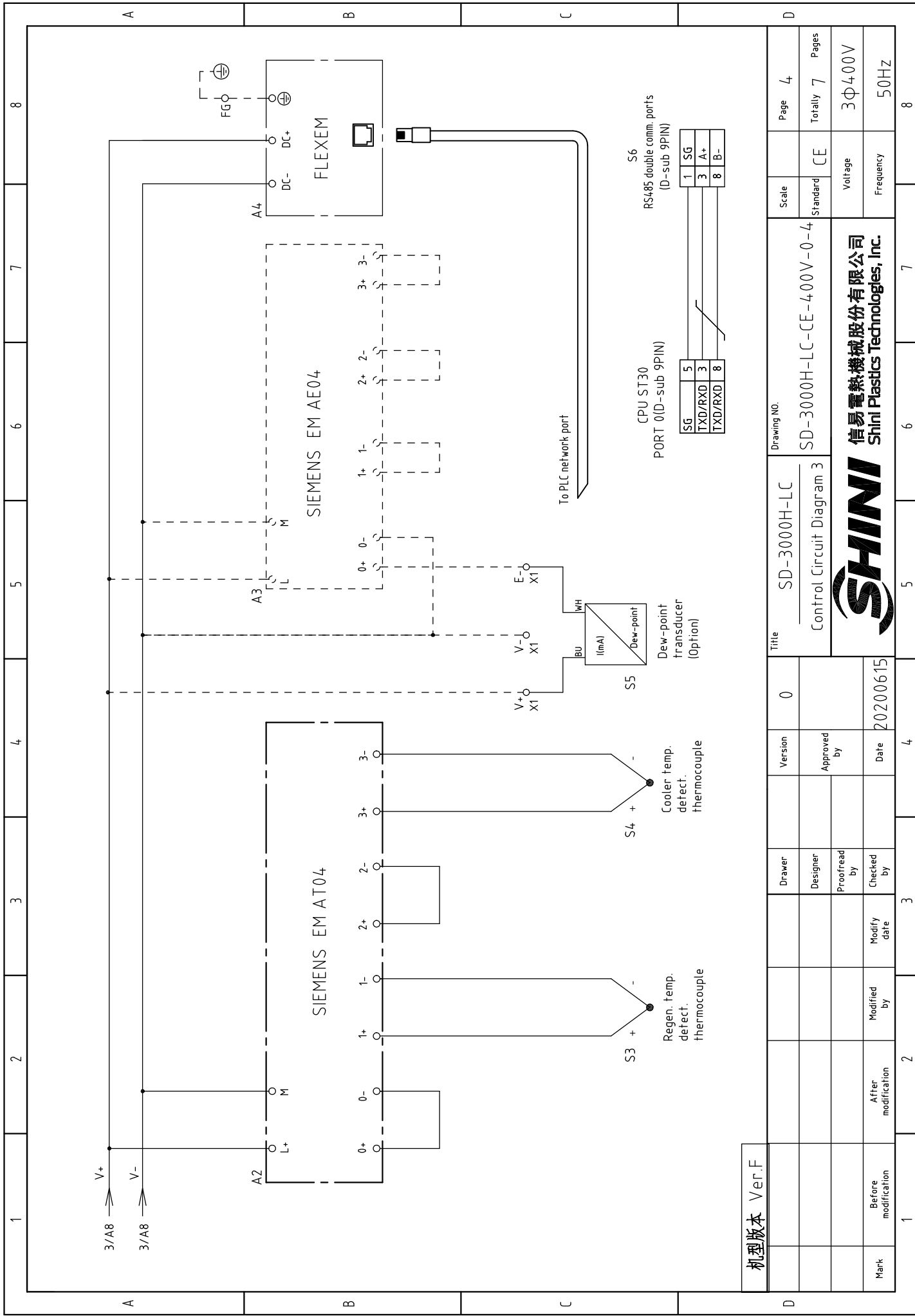


机型版本 Ver.F

Drawer	Version	Title	
Designer	Approved by	SD-3000H-LC	
Proofread by	Date	Control Circuit Diagram 2	
Checked by	20200615	SD-3000H-LC-CE-400V-0-3	
Modify date		Drawing No.	
Modified by		Scale	
After modification		Standard	
Before modification		Voltage	
Mark		Frequency	

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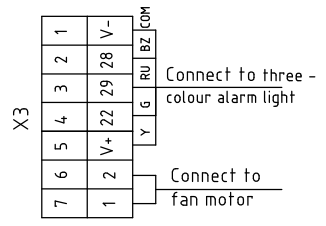
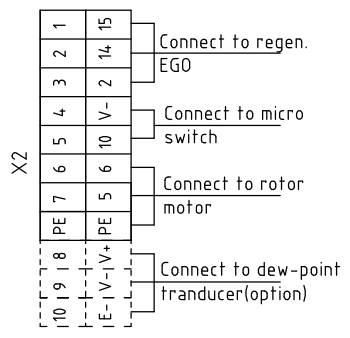
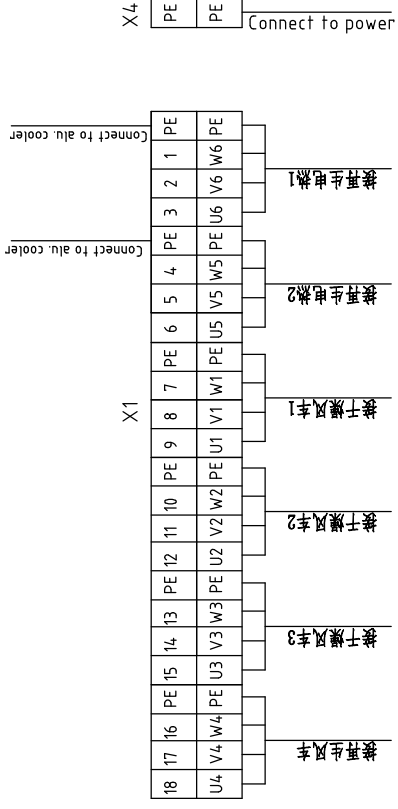
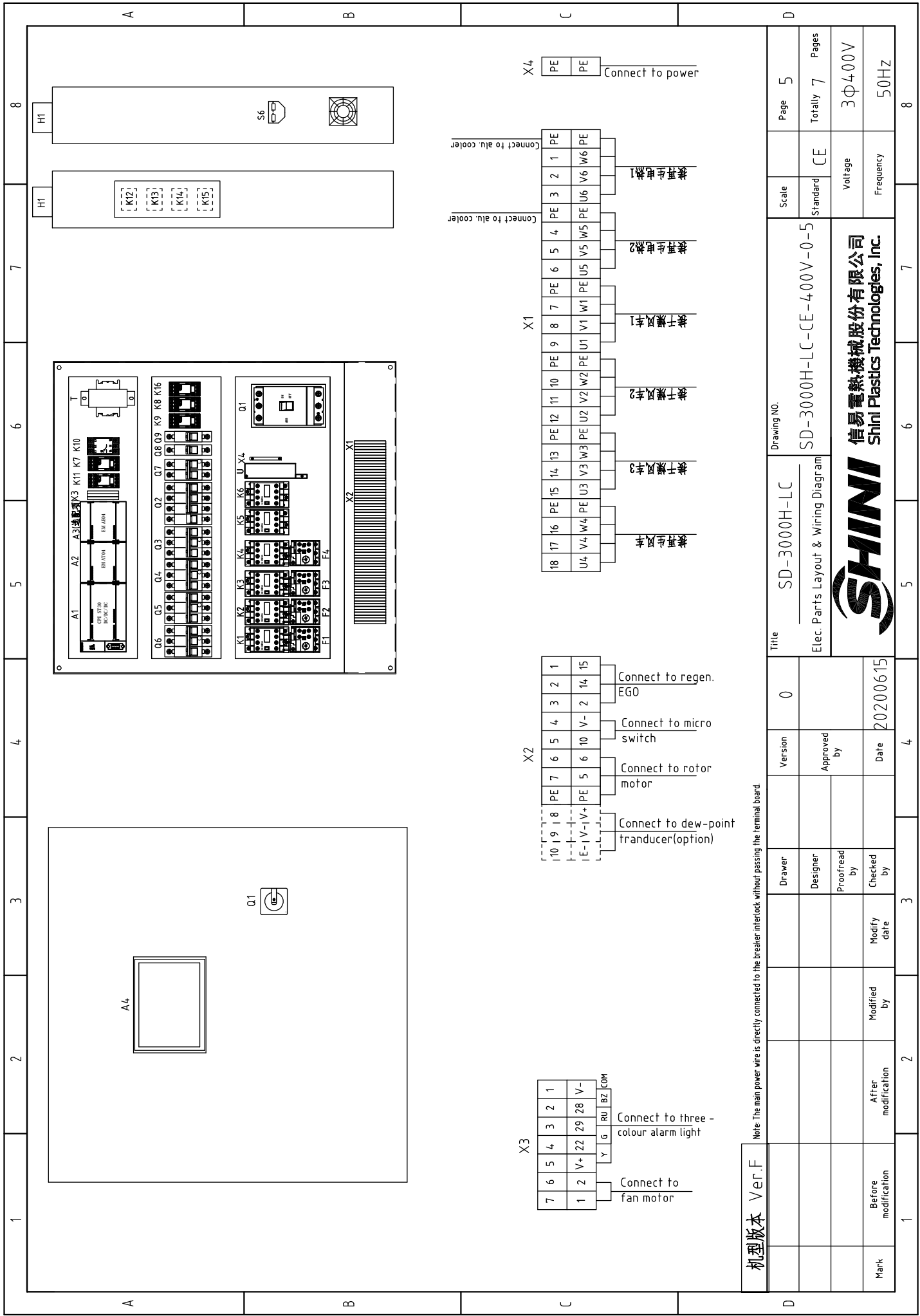
Page	3
Totally	7
Pages	3Φ400V
	50Hz



机型版本 Ver.F

Title		Drawing No.		Scale	Page	4
SD-3000H-LC		SD-3000H-LC-CE-400V-0-4		Standard	Totally	7
Control Circuit Diagram 3				CE	Voltage	3Φ400V
					Frequency	50Hz
Version	0	Approved by		Date	20200615	
Drawer		Proofread by		Modified by		
Designer		Checked by		Modify date		
Before modification		After modification				

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机型版本 Ver.F

Note: The main power wire is directly connected to the breaker interlock without passing the terminal board.

Mark	Before modification	Modified by	Modify date	Checked by	Date
					20200615
		Proofread by		Approved by	
		Designer		Version	0
		Drawer		Title	SD-3000H-LC
				Drawing NO.	SD-3000H-LC-CE-400V-0-5
				Standard	CE
				Scale	Page 5
					Totally 7 Pages
				Voltage	3Φ400V
				Frequency	50HZ

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1	2		3	4	5	6		7	8
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark	
1	Q1	Breaker interlock	ABB	A2B250TMF200	200A	1	YE41252200000		
2	Q2-Q6	Circuit breakers	TECO	BM-63C	63A	5	YE40306303000		
3		Excitation release	YIJIN	MX	24V 50/60Hz	1	YE40024000000		A
4	Q7	Circuit breakers	TECO	BM-63C	3A	1	YE40200203000		
5	Q8 Q9	Circuit breakers	TECO	BM-63C	3A	2	YE40100203000		
6	K1 K2 K3	Contactors	SIEMENS	3RT6028-1AC20-24VAC	24VAC 50/60Hz	3	YE00602802600		
7	K4	Contactors	SIEMENS	3RT6026-1AC20-24VAC	24VAC 50/60Hz	1	YE00602602600		
8	K5 K6	Contactors	SIEMENS	3RT6023-1AC20-24VAC	24VAC 50/60Hz	2	YE00602301100		
9		Auxiliary contactor	SIEMENS	3RH6911	1AA10	2	YE00691100000		
10	K7	Middle relay	Honeywell	GR-4C-DC24V base PGR-4C-E	DC24V	1	YE03042400500		
11	K8 K9 K16	Middle relay	Honeywell	DRM270024LT	24VDC	3	YE03272400000		B
12	K10	Phase sequence protector	CHAOSHI	ABJ-10W	400V 50/60Hz	1	YE03103800000		
13	K11	Middle relay	Honeywell	GR-2C base PGR-2C-E	AC24V	1	YE03022400300		
14	K12-K15	Solid state relay	FOTEK	KSR-50DA-H	50A/480VAC/4-32VDC	4	YE03505003200		
15	F1 F2 F3	Thermal overload relay	SIEMENS	3RU6126-4NB0	23-28A	3	YE01612620000		
16	F4	Thermal overload relay	SIEMENS	3RU6126-4CB0	17-22A	1	YE01260170000		
17	A1	Programmable logic controller	SIEMENS	CPU ST30 DC/DC/DC	24VDC	1	YE81003006100		
18	A2	PLC extended module	SIEMENS	EM AT04	24VDC	1	YE82000400300		
19	A3	PLC extended module	SIEMENS	EM AE04	24VDC	1	YE82000400100	(2)	C
20	A4	Human-machine interface	FLEXEM	F007R	24VDC	1	YE80072400000		
21	T	Transformer	JIUXIN	IN=400V/415V OUT=24V	350VA 230V 350MA	1	YE70040007600		
22	U	DC power	MEAN WELL	S-35-24	IN=230V OUT=DC24V 1.5A	1	YE71352400100		
23	X1	Terminal board	Honeywell	SK6	6.0mm ²	18	YE60000603200		
24		Terminal board	Honeywell	GK6.0 PE	6.0mm ² PE	6	YE60000603500		
25	X2	Terminal board	Honeywell	SK2.5	2.5mm ²	7	YE60002503200		
机型版本 Ver.F									
Notes: (1)Means it's not the material inside the control box. (2) Dew-point option;									
D									
				Title		Drawing NO.		Page	
				SD-3000H-LC		SD-3000H-LC-CE-400V-0-6		6	
				Electrical Parts List 1		CE		Totally 7 Pages	
						Voltage		3Φ400V	
						Frequency		50Hz	
SHINI 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.									
D									
1	2	3	4	5	6	7	8		
Mark	Before modification	Modified by	Modify date	Checked by	Proofread by	Designer	Drawer	Version	0
			20200615					Approved by	

1		2		3		4		5		6		7		8	
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark							
26	Terminal board	Honeywell	GK2.5PE	2.5mm ² PE	1	YE60002503400									
27	Terminal board	Honeywell	SK2.5	2.5mm ²	3	YE60002503200	(2)								
28	Terminal board	Honeywell	SK2.5	2.5mm ²	7	YE60002503200									
29	Terminal board	Honeywell	GK35PE	35mm ²	1	YE60003503500									
30	Terminal fittings E/GK series	Honeywell	E	GK	5	YE60000003900									
31	M1 M2 M3	SHINI	Blower	-----	3	13KW 400V 50Hz	(1)								
32	M4	SHINI	Blower	-----	1	9KW 400V 50Hz	(1)								
33	M5	-----	Rotor motor	-----	1	230V 50/60Hz	(1)								
34	EH	SHINI	Heater	-----	1	32KW 400V 50Hz	(1)								
35	H1	SHINI	3-color alarm light	red,yel,blue+buzzer high	1	PCS	BL90242201520	(1)							
36	FM	SUNON	Fan	-----	1	24V 50/60Hz	(1)								
37	S1	TEND	Micro switch	LXW5-11G1	1	250V~ 5(A)	(1)								
38	S2	TONGBAO	Overheat protector	WR-A-50-300-1000-3	1	250V-5(4)A	(1)								
39	S3 S4	SHINI	Thermocouple	ST-K	4	K	(1)								
40	S5	SUTO	Dew-point transducer	217-OEM	1	POWER=24VDC OUT=4-20mA	YE90021700100	(1)(2)							
41	S6	YUYUN	Communication interface board RS-485 (double Dsub-9pin connector)	-----	1	PCS	YE900048501200								
42		BINCHEG	Shell RS485(SAL-700G-A-19)ver.0	-----	1	PCS	YR40048500000								
43		-----	Super 5 network jumper	2M	1	BA	YE90000201600								
C															
D															
机型版本 Ver.F															
Notes: (1)Means it's not the material inside the control box. (2) Dew-point option;															
		Drawer		Version		0		Title		SD-3000H-LC		Drawing NO.		Scale	
		Designer		Approved by				Electrical Parts List 2		SD-3000H-LC-CE-400V-0-7		Standard		CE	
		Proofread by		Date		20200615		SHINI		Voltage		3Φ400V		Page 7	
		Checked by		Modify date				信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Frequency		50Hz		Totally 7 Pages	
Mark		After modification		Modified by		Modified date									
1		2		3		4		5		6		7		8	