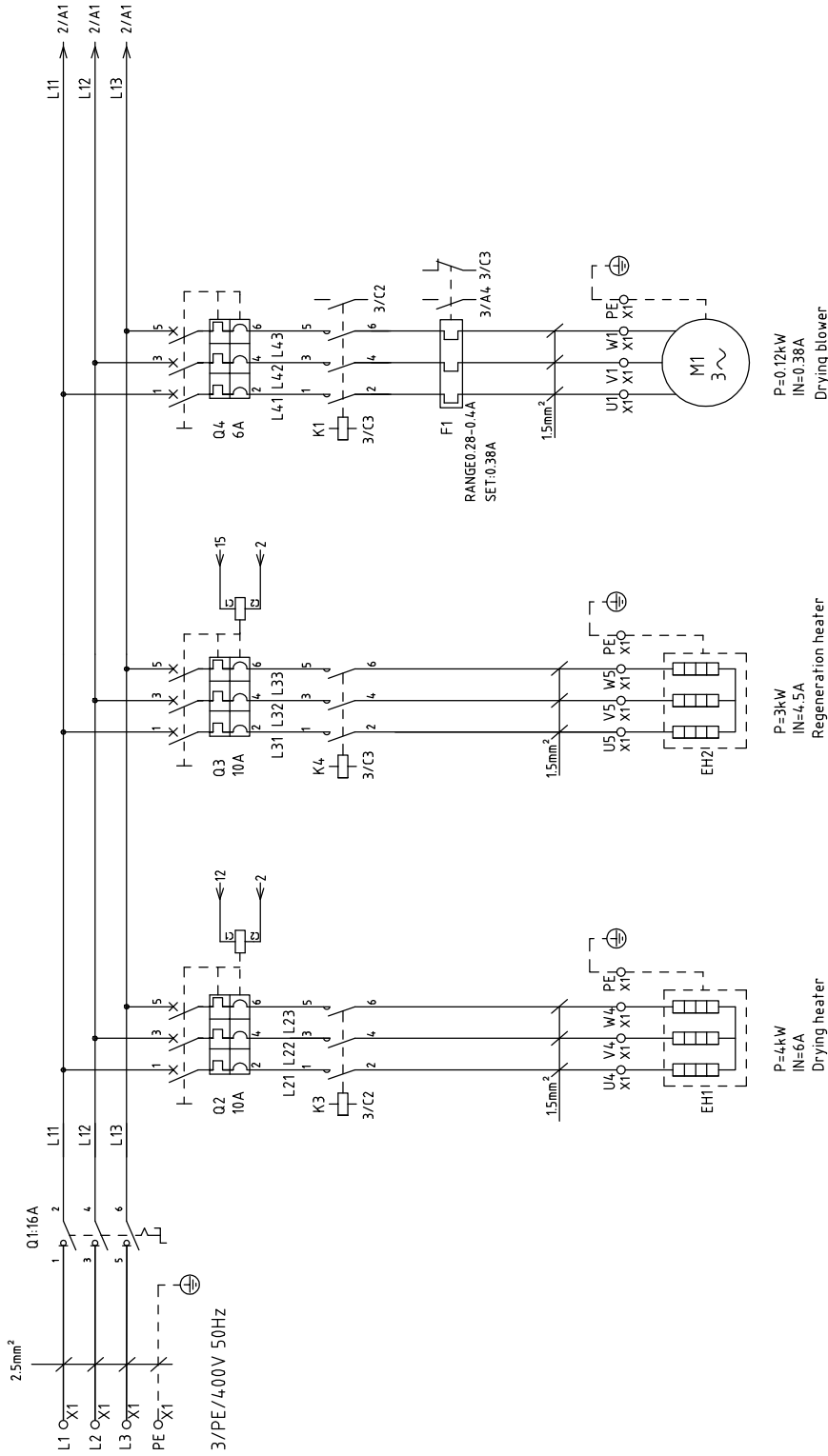
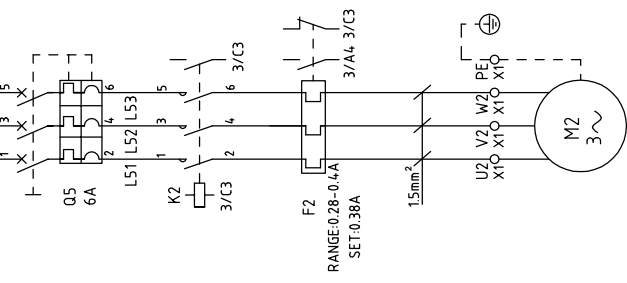
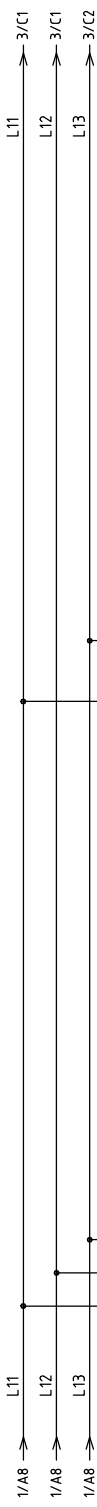


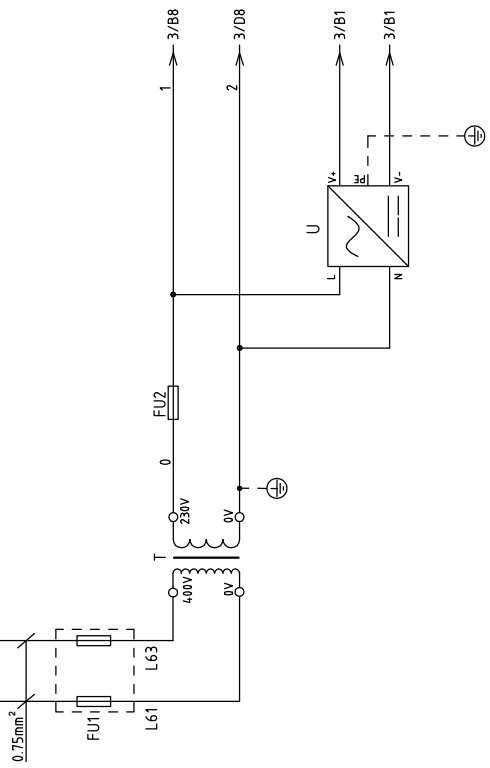


整机版本 Ver.E

Title		Drawing NO.		Scale		Page	
SDD-40U(80U)/40H		SDD-40U(80U)/40H-CE-400V-H-1		CE		1	
Main Circuit Diagram 1						Totally 6	
						Pages	
						400V	
						50Hz	
SHINI		信易电热机械股份有限公司		Shini Plastics Technologies, Inc.			
Version		H		Approved by		Date	
20171023		4		3		2	
Mark		Before modification		After modification		1	
Modified by		Date		Checked by		3	
Proofread by		Designer		Drawer		4	

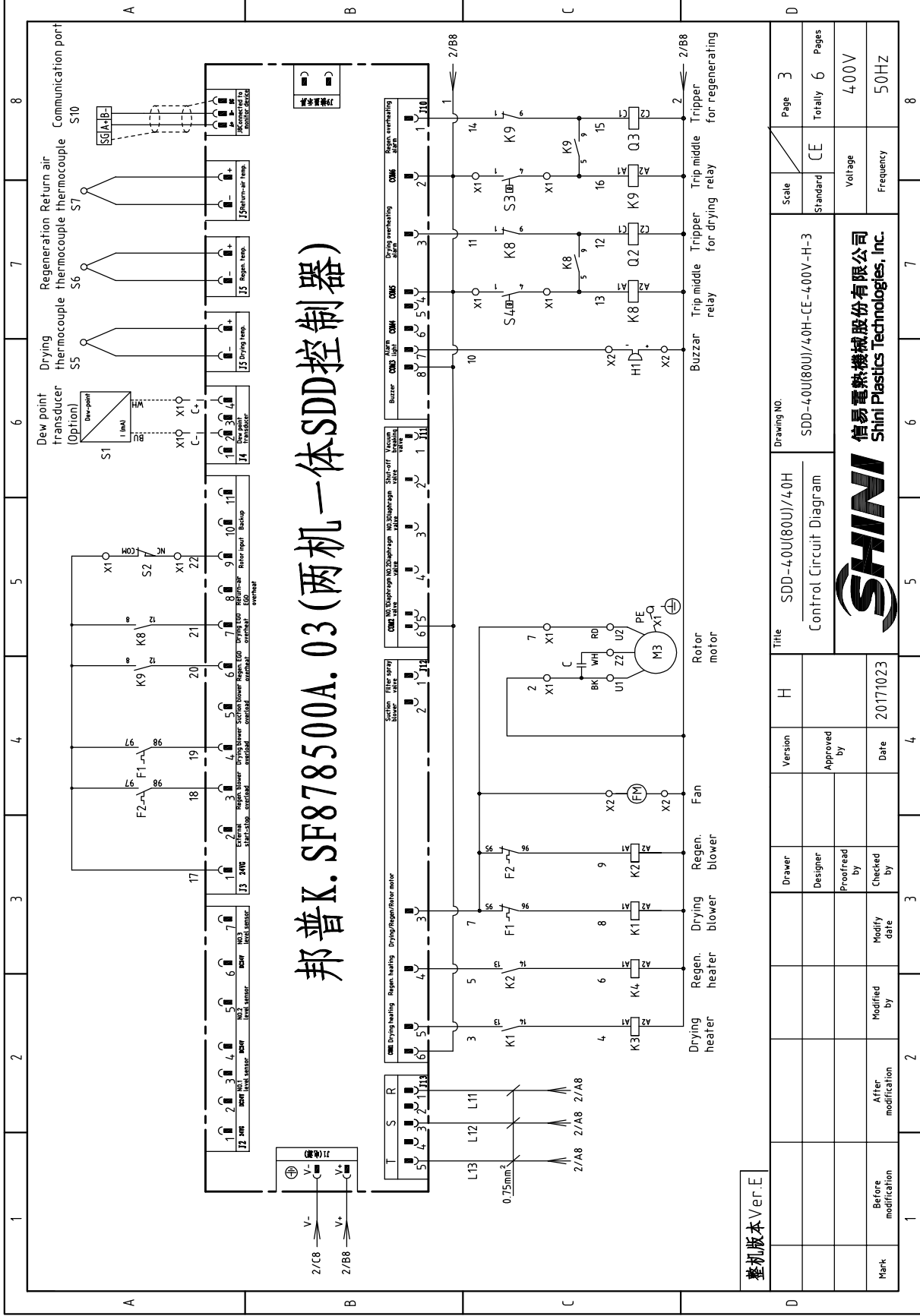


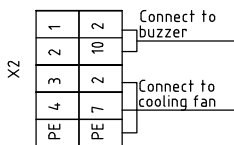
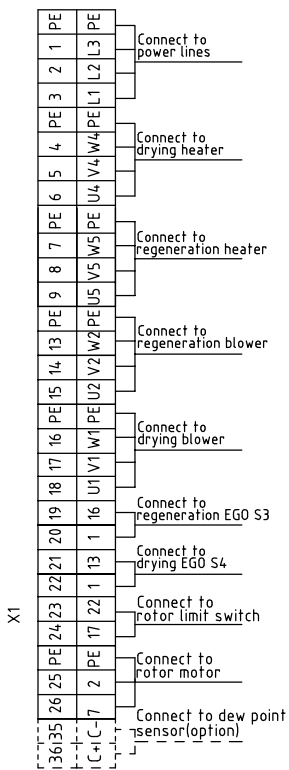
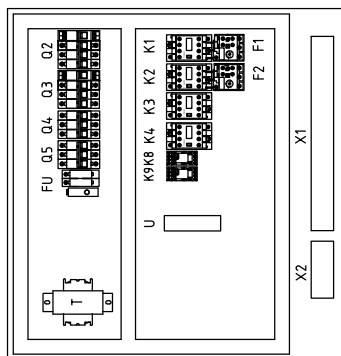
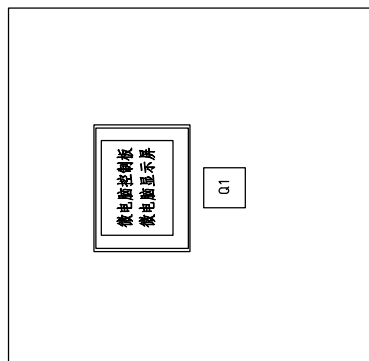
P=0.12kW
IN=0.38A
Regeneration blower



整机版本 Ver.E

Mark		Before modification	After modification	Modified by	Modify date	Checked by	Proofread by	Designer	Drawer	Version	H	Title		Drawing NO.		Scale		Page	2	Pages		Totally	6
												Main Circuit Diagram 2		SDD-40U(80U)/40H		Standard		CE		Voltage		400V	
												SHINI 信易电热机械股份有限公司 Shini Plastics Technologies, Inc.		SDD-40U(80U)/40H-CE-400V-H-2		Frequency		50Hz				50Hz	



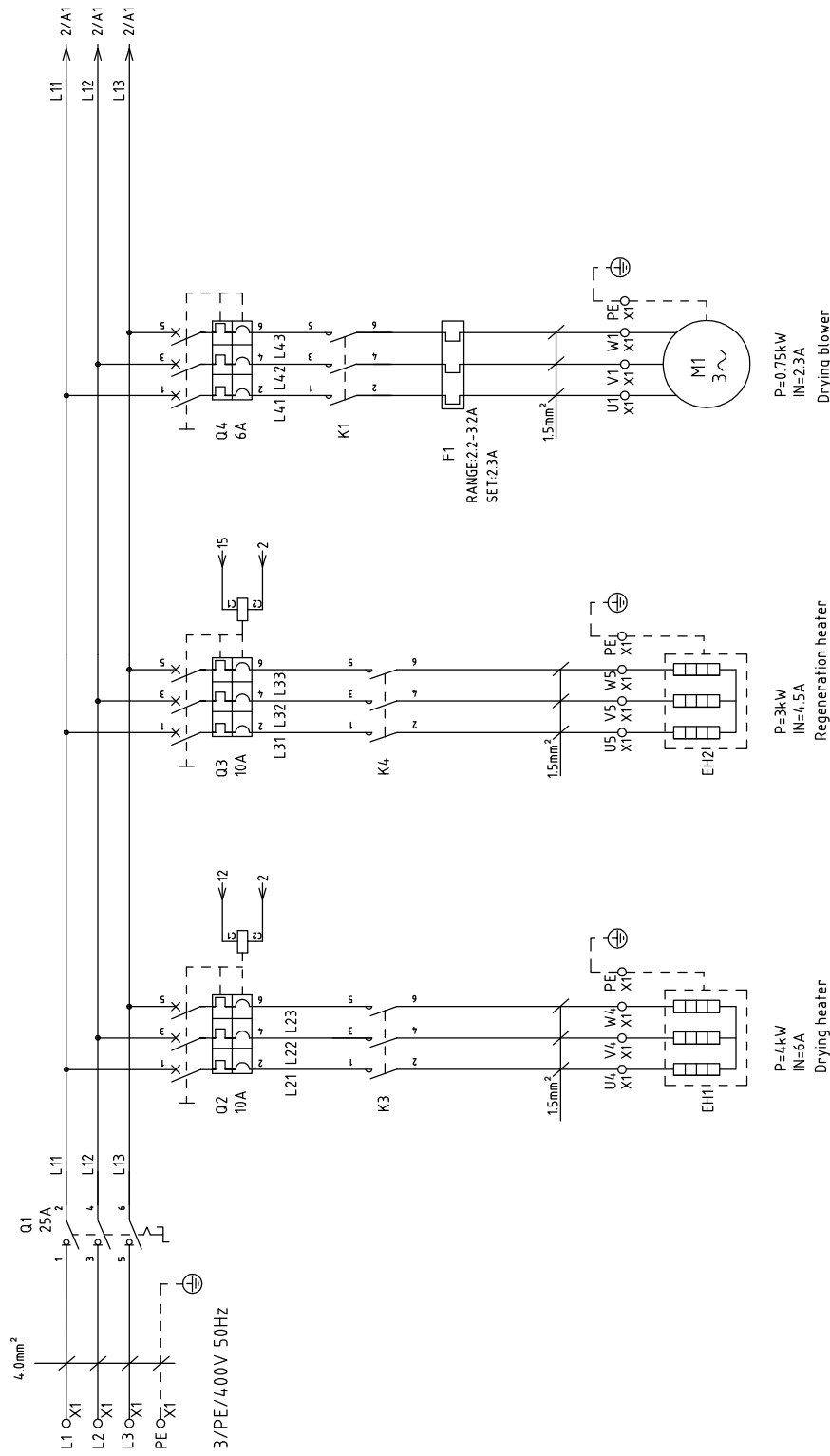


整机版本Ver.E

[illegible]

1		2		3		4		5		6		7		8					
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark											
1	Q1	Main switch	EATON	TO-2-1/EA/SVB	16A	1	YE10021160000												
2	Q2 Q3	Circuit-breaker	TECO	BM-63C/3010S	10A	2	YE40301003000												
3		Excitation release	TECO	MX	230V 50/60Hz	2	YE40023560000	A											
4	Q4 Q5	Circuit-breaker	TECO	BM-63C/3006S	6A	2	YE40300603000												
5	K1	Contactor	SIEMENS	3RT6015-1AN21	7A 1NO 220V 50/60HZ	1	YE00601521000												
6	K2	Contactor	SIEMENS	3RT6015-1AN21	7A 1NO 220V 50/60HZ	1	YE00601521000												
7	K3	Contactor	SIEMENS	3RT6016-1AN21	9A 1NO 220V 50/60HZ	1	YE00601621000												
8	K4	Contactor	SIEMENS	3RT6016-1AN21	9A 1NO 220V 50/60HZ	1	YE00601621000												
9	K8 K9	Relay	WEIDMULLER	DRM270730LT	220V 50/60Hz	2	YE03270700000												
10	F1	Overload relay	SIEMENS	3RU6116-0EB0	0.28-0.4A	1	YE01161280000												
11	F2	Overload relay	SIEMENS	3RU6116-0EB0	0.28-0.4A	1	YE01161280000	B											
12	PCB	Controller	PUMP	K.SF878500A.03	230V 50/60Hz	1	YE80878500100												
13	U	DC power	MEAN WELL	ESA-35-24	OUT=DC24V 1.5A	1	YE71352400100												
14	FU1	Fuse base	CHINT	RT28-32	2P/32A/500V/10x38	1	YE41032200000												
15		Fuse	CHINT	10x38 500V	2A/gG型	2	YE46002000100												
16	FU2	Fuse base+ Glass tube	YINDA	FS-10	2A	1	YE41001000000												
17	T	Transformer	--	--	IN=400V OUT=230V 500mA	1	YE70402300800												
18	H1	Buzzer	HITPOINT	PK-35A	220V AC/DC	1	YE840035500200												
19	S1	Dew-point transducer	CS	CS 217-OEM	POWER=24VDC OUT=4-20mA	1	YE90021700100	(2)											
20	S2	Micro switch	TEND	YBLXW-5/11G2	250V 5(4)A	1	-----	(1)											
21	S3 S4	Temperature protector	EGO	---	115-320 °C	2	-----	(1)											
22	S5 S6	Thermocouple	SHINI	ST-K	K	2	-----	(1)											
23	X1	Terminal board	HOLLEYWELL	4.0mm ²	-	15	YE60000403200												
24		Terminal board	HOLLEYWELL	4.0mm ² PE	-	5	YE60000403500												
25		Terminal board	HOLLEYWELL	2.5mm ²	-	8	YE60002503200												
整机版本 Ver.E														Notes: (1)Means it's not the material inside the control box. (2)Stands for optional dew-point monitor					
D						Drawer		Version		H		Title		Drawing NO.		Scale		Page	
						Designer		Approved by				SDD-40U(80U)/40H		SDD-40U(80U)/40H-CE-400V-H-5		CE		5	
						Proofread by						Electrical Components list 1				Voltage		6	
						Checked by		Date		20171023						Frequency		400V	
Mark		Before modification		After modification		Modified by		Modify date										50Hz	
1		2		3		4		5		6		7		8					
														信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.					

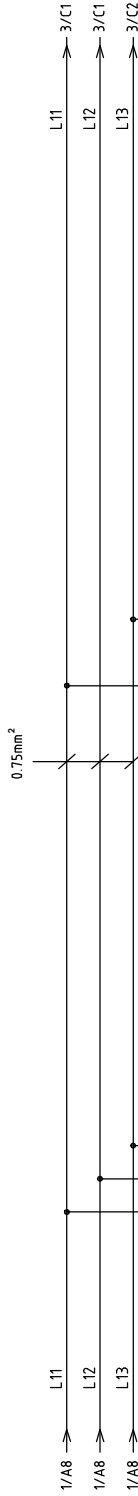
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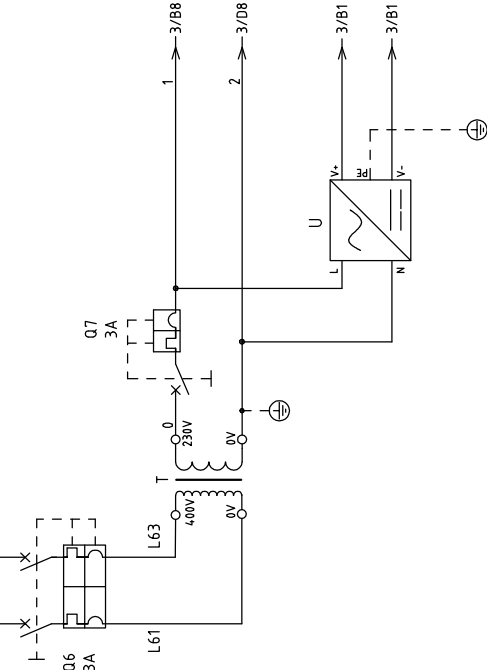
整机版本 Ver.D

Mark		Before modification	After modification	Modified by	Modify date	Proofread by	Designer	Drawer	Version	H	Title		Drawing NO.		Scale		Page	1
											SDD-120U(160U)/80H		SDD-120U(160U)/80H-CE-400V-H-1		Standard		Totally	6
											Main Circuit Diagram 1				CE		Voltage	
																	400V	
																	Frequency	
																	50Hz	

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Shini Plastics Technologies, Inc.



P=0.4kW
 IN=13A
 Regeneration blower



整机版本 Ver.D

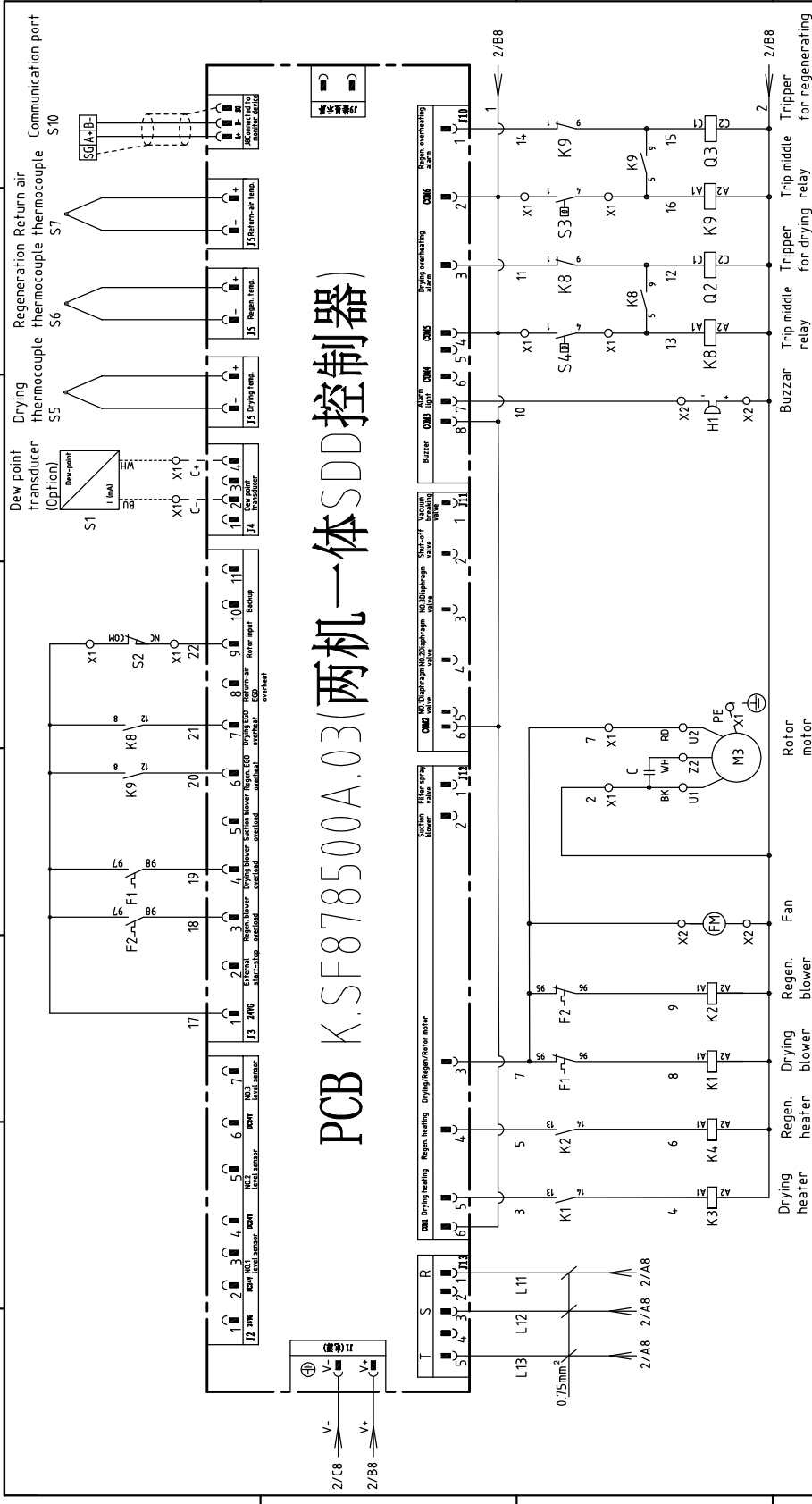
Mark		Before modification	After modification	Modified by	Modify date	Proofread by	Checked by	Version	H	Title		Drawing NO.		Scale	Page
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										Main Circuit Diagram 2		CE			Totally 6
												Voltage			4.00V
												Frequency			50Hz

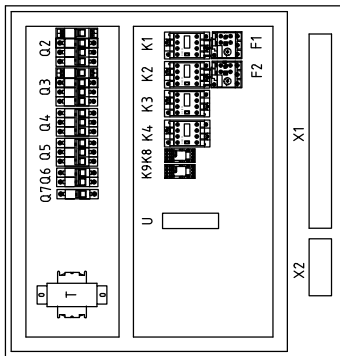
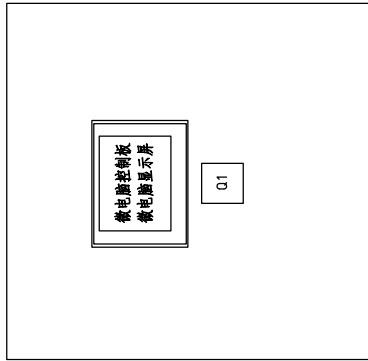
SHINI
 信易电热机械股份有限公司
 Shini Plastics Technologies, Inc.

PCB K.SF878500A.03(两机一体SDD控制器)

整机版本 Ver.D

Title		Drawing NO		Scale		Page	
SDD-120U(160U)/80H		SDD-120U(160U)/80H-CE-4.00V-H-3		Standard		CE	
Control Circuit Diagram						Voltage	
						Frequency	
						4.00V	
						50Hz	
						Totally	
						6	
						Pages	
						3	
						Page	
						3	





X2

PE 4	3	2	1	Connect to buzzer
PE 7	2	10	2	Connect to cooling fan

X1

25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	PE	Connect to power lines
																										Connect to drying heater
																										Connect to regeneration heater
																										Connect to regeneration blower
																										Connect to drying blower
																										Connect to regeneration EGO S3
																										Connect to drying EGO S4
																										Connect to rotor limit switch
																										Connect to rotor motor
																										Connect to dew point sensor(option)

整机版本 Ver.D

Mark		Before modification	After modification	Modified by	Modify date	Proofread by	Designer	Drawer	Version	H	Title		Drawing NO.		Scale	Page
											SDD-120U(160U)/80H Electrical Components Layout		SDD-120U(160U)/80H-CE-400V-H-4		Standard	4
																Totally
																6
																Pages
																400V
																50Hz

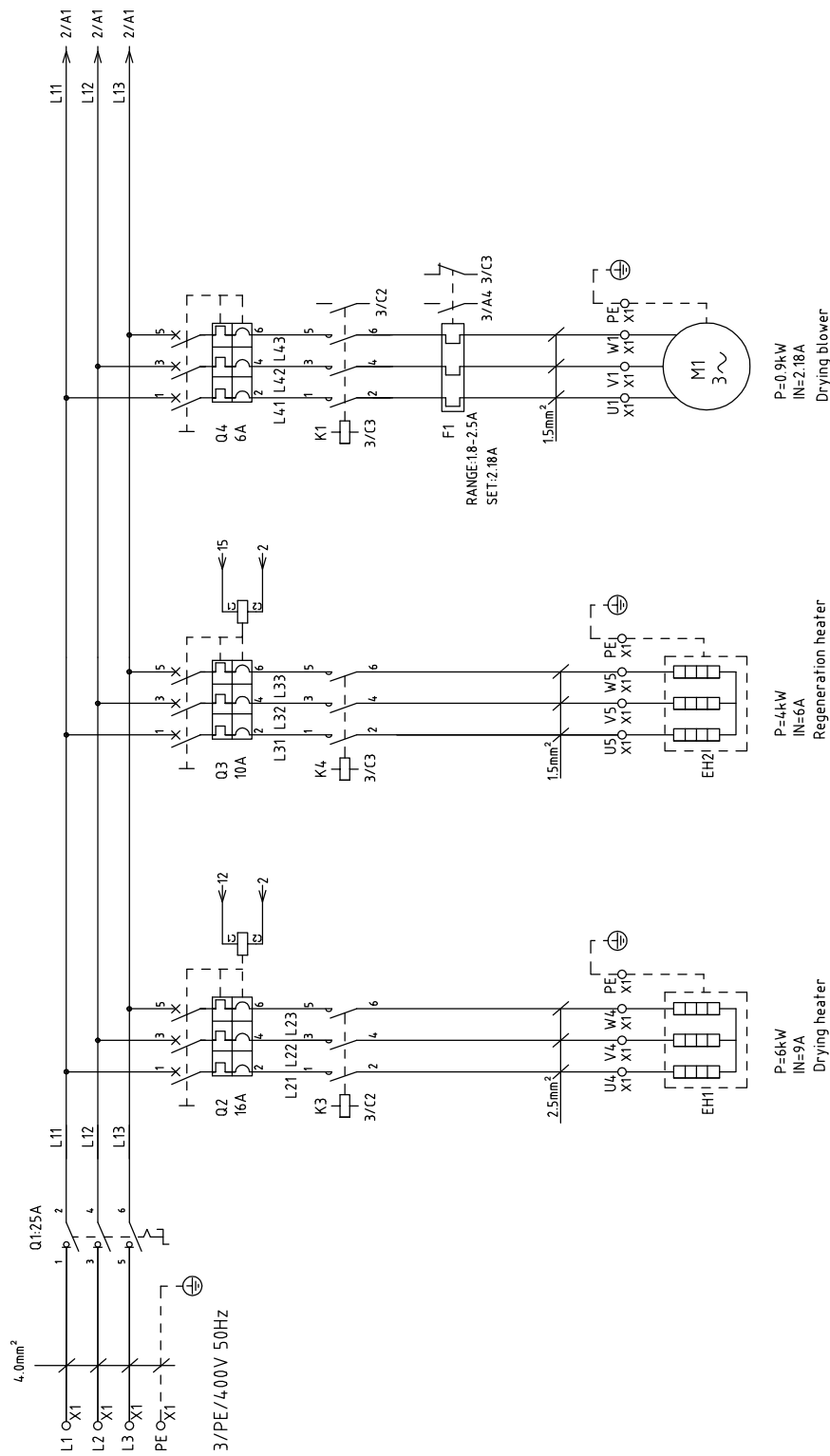
SHINI

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

1		2	3	4	5	6	7	8
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark
1	Q1	Main power switch	EATON	P1-25/EA/SVB	25A	1	YE10125250000	
2	Q2	Circuit-breaker	TECO	BM-63C 3P	10A	1	YE40301003000	
3	Q3	Circuit-breaker	TECO	BM-63C 3P	10A	1	YE40301003000	A
4		Excitation release	TECO	MX	220V 50/60Hz	2	YE40023560000	
5	Q4.Q5	Circuit-breaker	TECO	BM-63C 3P	6A	2	YE40300603000	
6	Q6	Circuit-breaker	TECO	BM-63C 2P	3A	1	YE40200203000	
7	Q7	Circuit-breaker	TECO	BM-63C 1P	3A	1	YE40100203000	
8	K1.K2	Contactor	SIEMENS	3RT6016-1AN21	220V 50/60Hz	2	YE00601621000	
9	K3	Contactor	SIEMENS	3RT6017-1AN21	220V 50/60Hz	1	YE00601721000	
10	K4	Contactor	SIEMENS	3RT6017-1AN21	220V 50/60Hz	1	YE00601721000	
11	K8.K9	Middle relay	WEIDMULLER	DRM270730LT	220V 50/60Hz	2	YE03270700000	B
12	F1	Thermo overload relay	SIEMENS	3RU6116-1AB0	2.2-3.2A	1	YE01160220000	
13	F2	Thermo overload relay	SIEMENS	3RU6116-1AB0	1.1-1.6A	1	YE01160110000	
14	PCB	Microcomputer control panel +Microcomputer screen	PUMP	K.SF878500A.03	24VDC	1	YE80878500100	
15	T	Transformer	JIUXIN	BY-04.07009	IN=400V OUT=230V 500mA	1	YE70402300800	
16	U	DC power	MEAN WELL	NES-35-24	OUT=DC24V 1.5A	1	YE71352400100	
17	H1	Buzzer	SHINI	PK-35A	220V 50/60Hz	1	YE84003500200	(1)
18	S1	Dew-point transducer	CS	CS 217-OEM	POWER=24VDC OUT=4-20mA	1	YE90021700100	(1) (2)
19	S2	Micro switch	TEND	----	----	1	----	(1)
20	S3.S4	Temperature protector	EGO	WR-A-50-300-2500-3	250V 5(4)A	2	----	(1)
21	S5.S6.S7	Thermocouple	SHINI	ST-K	K	3	----	(1)
22	X1	Terminal board	HONEYWELL	4mm ²	41A 690V	18	YE60000403200	
23		Terminal board	HONEYWELL	4mm ² PE	-	6	YE60000403500	
24		Terminal board	HONEYWELL	2.5mm ²	32A 690V	8	YE60002503200	
25		Terminal board	HONEYWELL	2.5mm ² PE	-	1	YE60002503400	
整机版本 Ver.D		Notes: (1)Means it's not the material inside the control box. (2)Stands for optional dew-point monitor						
				Title		Drawing NO		
				SDD-120U(160U)/80H		SDD-120U(160U)/80H-CE-4.00V-H-5		
				Electrical Components List 1		CE		
				Version	H	Scale	Page	5
				Designer	Approved by	Standard	Totally	6
				Proofread by			Voltage	4.00V
				Checked by	Date		Frequency	50Hz
Mark	Before modification	After modification	Modified by	Modify date	20180830			
1	2	3	4	5	6	7	8	

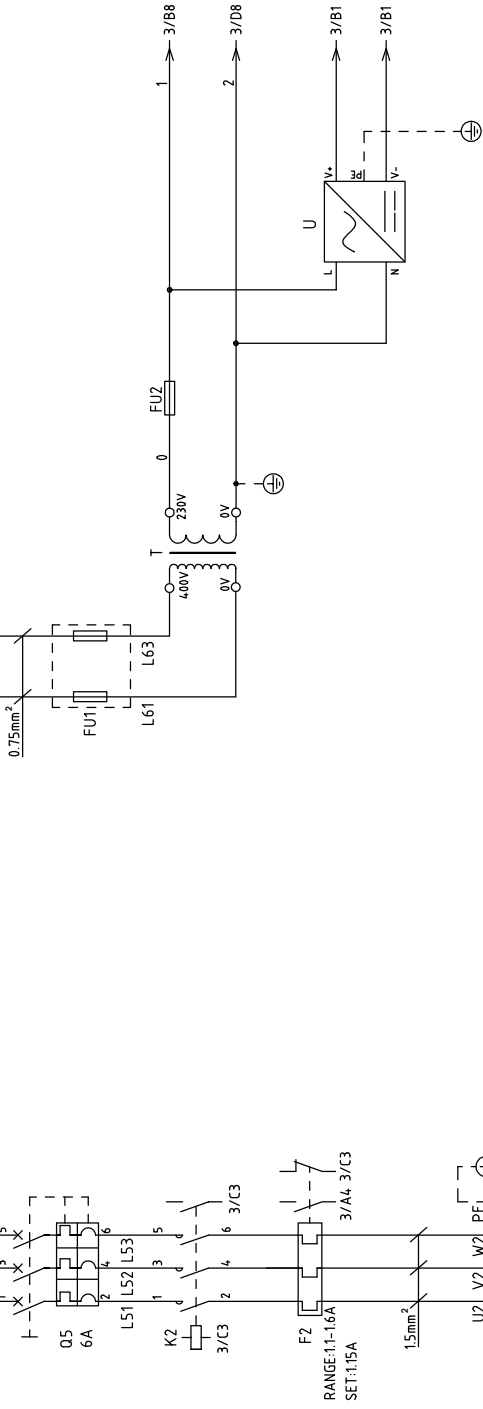
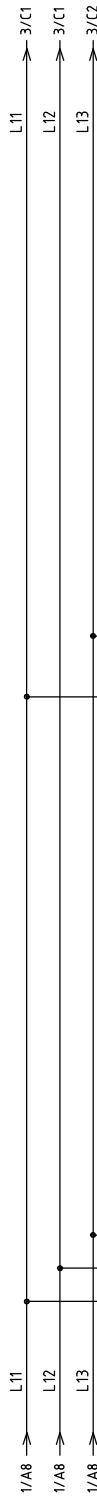


1		2		3		4		5		6		7		8	
No.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark							
26		Terminal board	HONEYWELL	2.5mm ²	32A 690V	2	YE60002503200	(2)							
27	X2	Terminal board	HONEYWELL	2.5mm ²	32A 690V	4	YE60002503200								
28		Terminal board	HONEYWELL	2.5mm ² PE	-	1	YE60002503400		A						
29	FM	Fan	SUNON	DP-200A	230VAC 40W	1	YM60121200400	(1)							
30	M1	Blower	SHINI	-----	400V 0.75kW	1	-----	(1)							
31	M2	Blower	SHINI	-----	400V 0.2kW	1	-----	(1)							
32	M3	Motor	----	-----	230V 0.015kW	1	-----	(1)							
33	EH1	Heater	SHINI	-----	400V 4kW	1	-----	(1)							
34	EH2	Heater	SHINI	-----	400V 3kW	1	-----	(1)							
35	S10	Communication interface board RS-485 (double Dsub-9pin connector)				1	YE9004.8501200	(1)							
36		Shell RS485(SAL-700G-A-1910)				1	YR4004.8500000	(1)	B						



整机版本 Ver.D

Mark		Before modification	After modification	Modified by	Date	Proofread by	Designer	Drawer	Version	F	Title		Drawing NO.		Scale	Page
											SDD-160U(230)/120H Main Circuit Diagram 1		SDD-160U(230U)/120H-CE-400V-F-1		Standard	1
													CE			Totally 6
													Voltage			Pages
													Frequency			400V
																50Hz



整机版本 Ver.D

										Title		Drawing NO.					
										SDD-160U(230U)/120H		SDD-160U(230U)/120H-CE-4.00V-F-2		Scale		Page 2	
										Main Circuit Diagram 2				Standard		Totally 6 Pages	
										SHINI		信易電熱機械股份有限公司		Voltage		4.00V	
										Version		Approved by		Frequency		50Hz	
										Drawer				Date		20171023	
										Designer							
										Proofread by							
										Checked by				Modified by		Before modification	
										Modify date				After modification		Mark	

邦普K. SF878500A. 03 (两机一体SDD控制器)

整机版本 Ver.D

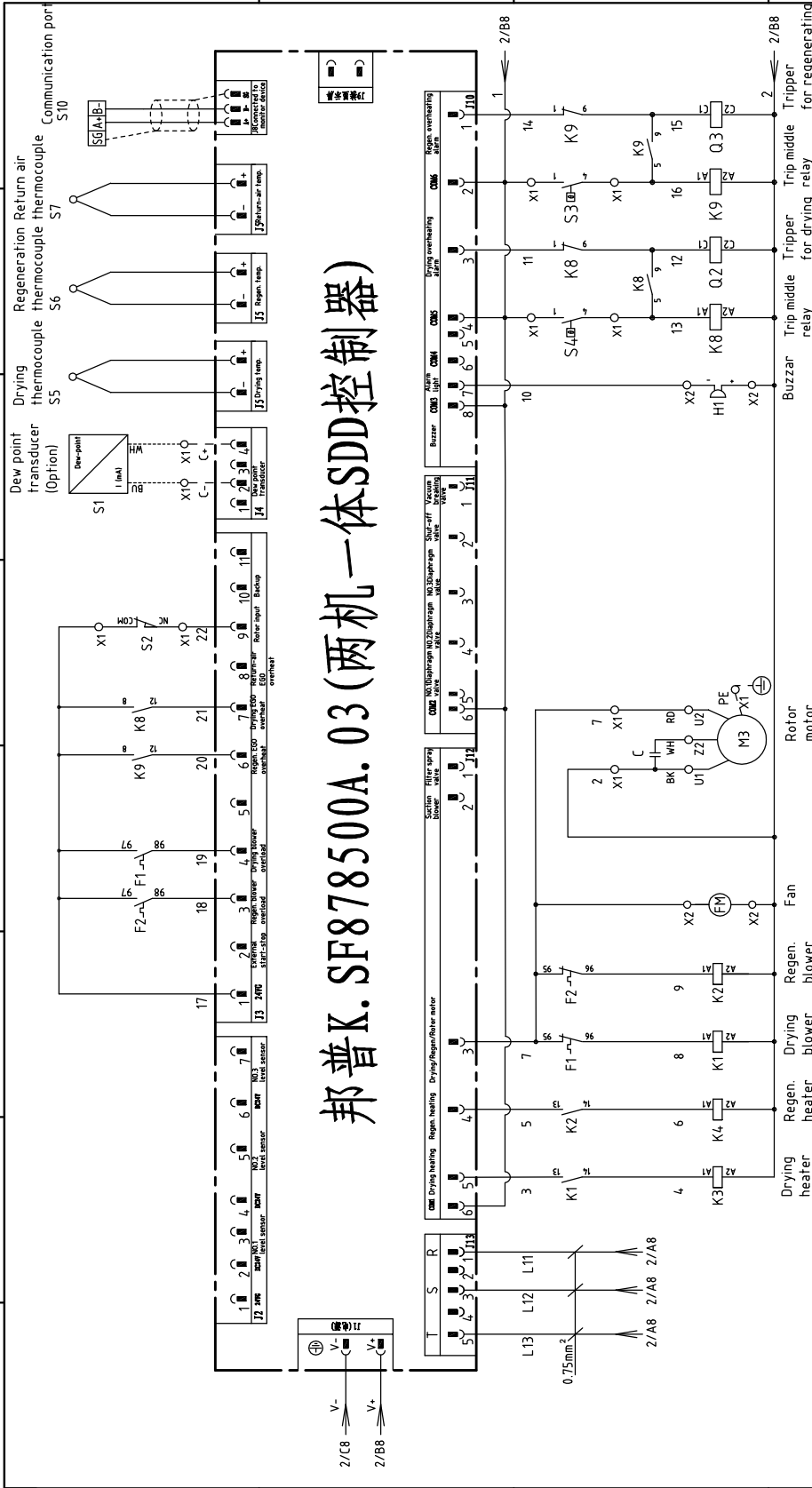
Title		Drawing NO.		Scale		Page	
SDD-160U(230)/120H		SDD-160U(230U)/120H-CE-4.00V-F-3		Standard		CE	
Control Circuit Diagram						Voltage	
						Frequency	
						400V	
						50Hz	



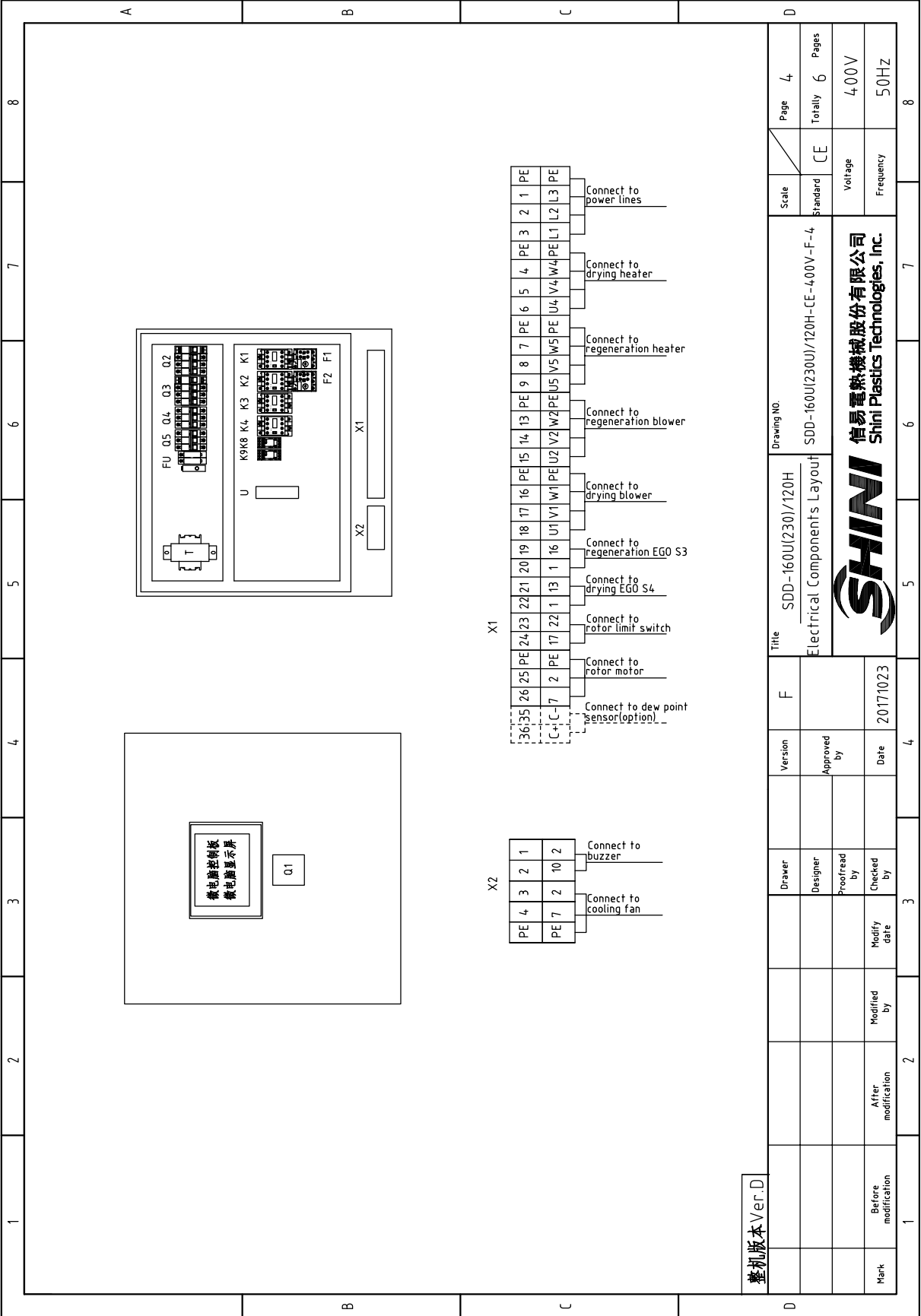
20171023

Modified by

Before modification



Mark	Before modification	After modification	Modified by	Date	Checked by	Proofread by	Designer	Drawer	Version	F	Title	Drawing NO.	Scale	Page	Totally	Pages
											Control Circuit Diagram	SDD-160U(230)/120H	Standard	3	6	6

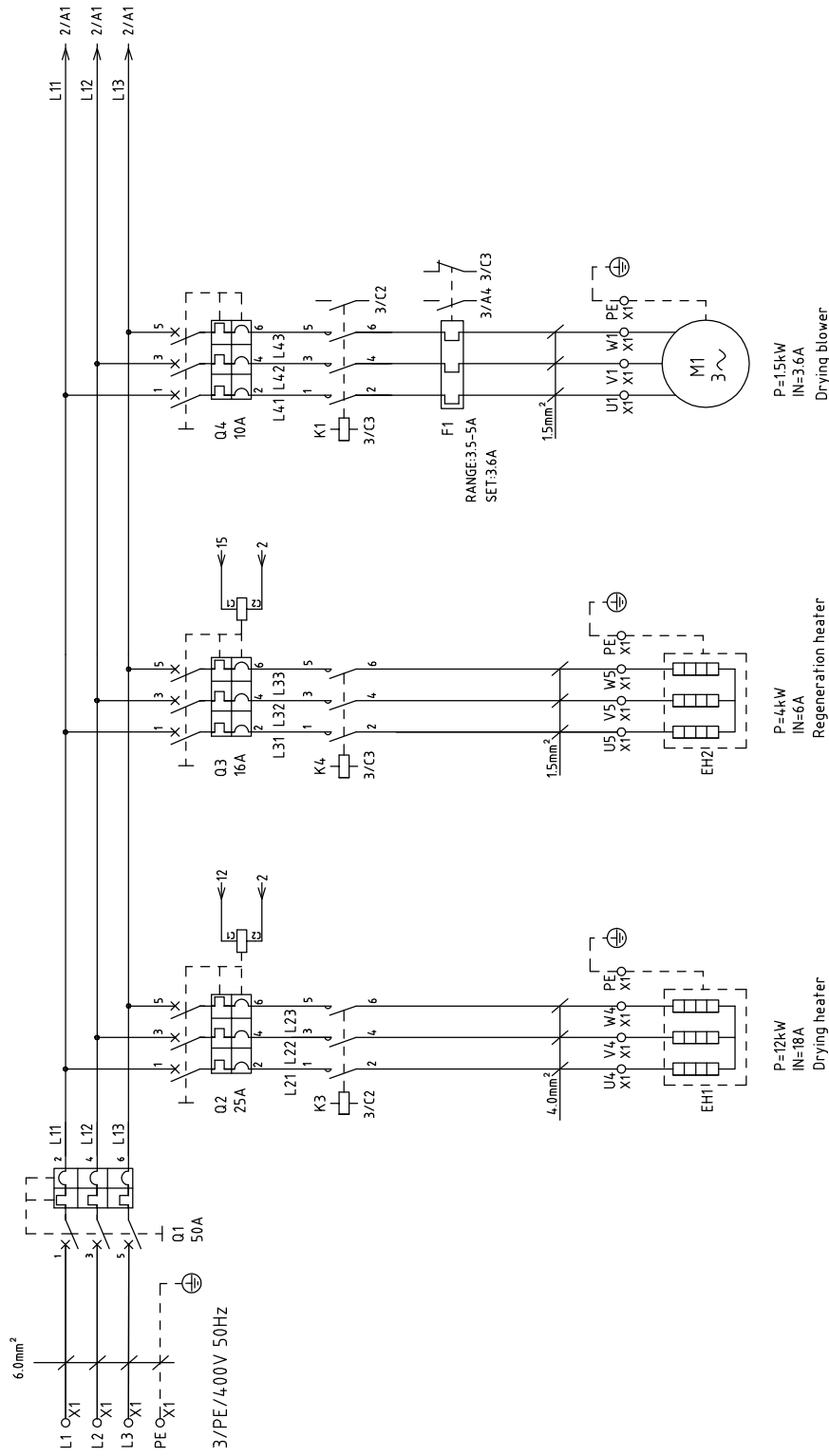


整机版本 Ver.D

Title		Drawing NO.		Scale		Page	
SDD-160U(230)/120H		SDD-160U(230U)/120H-CE-400V-F-4		Standard		4	
Electrical Components Layout				CE		6	
SHINI 信易电热机械股份有限公司 Shini Plastics Technologies, Inc.				Voltage		400V	
Date		20171023		Frequency		50Hz	
Version		F		Mark		Before modification	
Approved by		Checked by		After modification		1	
Designer		Modified by		2		3	
Proofread by		Date		4		5	
Drawer		Modify date		6		7	
Total		Total		8		9	

1		2		3		4		5		6		7		8					
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark											
1	Q1	Main switch	EATON	P1-25/EA/SVB	25A	1	YE10125250000												
2	Q2	Circuit-breaker	TECO	BM-63C/3016S 3P	16A	1	YE40301603000												
3	Q3	Circuit-breaker	TECO	BM-63C/3010S 3P	10A	1	YE40301003000	A											
4		Excitation release	CHINT	MX	230V 50/60Hz	2	YE40023560000												
5	Q4 Q5	Circuit-breaker	TECO	BM-63C/3006S 3P	6A	2	YE40300603000												
6	K1 K2	Contactor	SIEMENS	3RT6015-1AN21	7A 1NO 220V 50/60Hz	2	YE00601521000												
7	K3	Contactor	SIEMENS	3RT6018-1AN21	16A 1NO 220V 50/60Hz	1	YE00601800000												
8	K4	Contactor	SIEMENS	3RT6016-1AN21	9A 1NO 220V 50/60Hz	1	YE00601621000												
9	K8 K9	Relay+Base	WEIDMULLER	DRM270730L T	220V 配座 FS2CO	2	YE03270700000												
10	F1	Overload relay	SIEMENS	3RU6116-1ICB0	18-2.5A	1	YE01160180000												
11	F2	Overload relay	SIEMENS	3RU6116-1AB0	1.1-1.6A	1	YE01160110000	B											
12	PCB	Controller	PUMP	K.SF878500A.03	230V 50/60Hz	1	YE80878500100												
13	U	DC power	MEAN WELL	ESA-35-24	OUT=DC24V 1.5A	1	YE71352400100												
14	FU1	Fuse base	CHINT	RT28-32	2P/32A/500V/10x38	1	YE41032200000												
15		Fuse core	CHINT	10x38/500V/gG型	2A	2	YE46002000100												
16	FU2	Fuse	YINDA	FS-10[透明]	2A	1	YE41001000000												
17	T	Transformer	BAIYUN	BY-04.07009	IN=400V OUT=230V 500mA	1	YE704.02300800												
18	H1	Buzzer	HITPOINT	PK-35A	220V AC/DC	1	YE84.003500200												
19	S1	Dew-point transducer	CS	CS 217-OEM	POWER=24VDC OUT=4-20mA	1	YE90021700100	(2)											
20	S2	Micro switch	TEND	YBLXW-5/11G2	250V 5(4)A	1	-----	(1)											
21	S3 S4	Temperature protector	EGO	---	115-320 °C	2	-----	(1)											
22	S5 S6 S7	Thermocouple	SHINI	ST-K	K	3	---	(1)											
23	X1	Terminal board	HOLLEYWELL	4mm ²	-	15	YE60000403200												
24		Terminal board	HOLLEYWELL	4mm ² PE	-	5	YE60000403500												
25		Terminal board	HOLLEYWELL	2.5mm ²	-	8	YE60002503200												
整机版本 Ver.D														Notes: (1)Means it's not the material inside the control box. (2)Stands for optional dew-point monitor					
D						Drawer		Version		F		Title		Drawing NO.		Scale		Page	
						Designer						SDD-160U(230U)/120H		SDD-160U(230U)/120H-CE-4.00V-F-5		5			
						Proofread by						Electrical Components list 1		Standard		CE		Totally 6 Pages	
						Checked by								Voltage		4.00V			
Mark		Before modification		After modification		Modified by		Modify date		Date		20171023				信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Frequency 50HZ	
1		2		3		4		5		6		7		8					

1		2		3		4		5		6		7		8			
NO.		Symbol		Name		Manufacturer		Type		Specification		Number		Material number		Remark	
26				Terminal board		HOLLEYWELL		2.5mm ² PE		-		1		YE60002503400			
27				Terminal board		HOLLEYWELL		2.5mm ²		-		2		YE60002503200		(2)	
28		X2		Terminal board		HOLLEYWELL		2.5mm ²		-		4		YE60002503200			
29				Terminal board		HOLLEYWELL		2.5mm ² PE		-		1		YE60002503400		A	
30		FM		Fan		SUNON		12×12CM		230V/50/60HZ配塑膠網		1		-----		(1)	
31		M1		Blower		SHINI		RB310		400V 0.9kW 50HZ		1		-----		(1)	
32		M2		Blower		SHINI		RB205		400V 0.4kW 50HZ		1		-----		(1)	
33		M3				----				3GN-10XK/3GN-60K/3IK15GN-C-T 220V 0.015kW		1		-----		(1)	
34		EH1		Pipe heater		SHINI		-----		400V 6.0kW 50HZ/60HZ		1		-----		(1)	
35		EH2		Pipe heater		SHINI		-----		400V 4kW 50HZ/60HZ		1		-----		(1)	
36				Terminal block E/Gkseries(honeywell)		-----		-----		-----		4		YE600000003900		B	



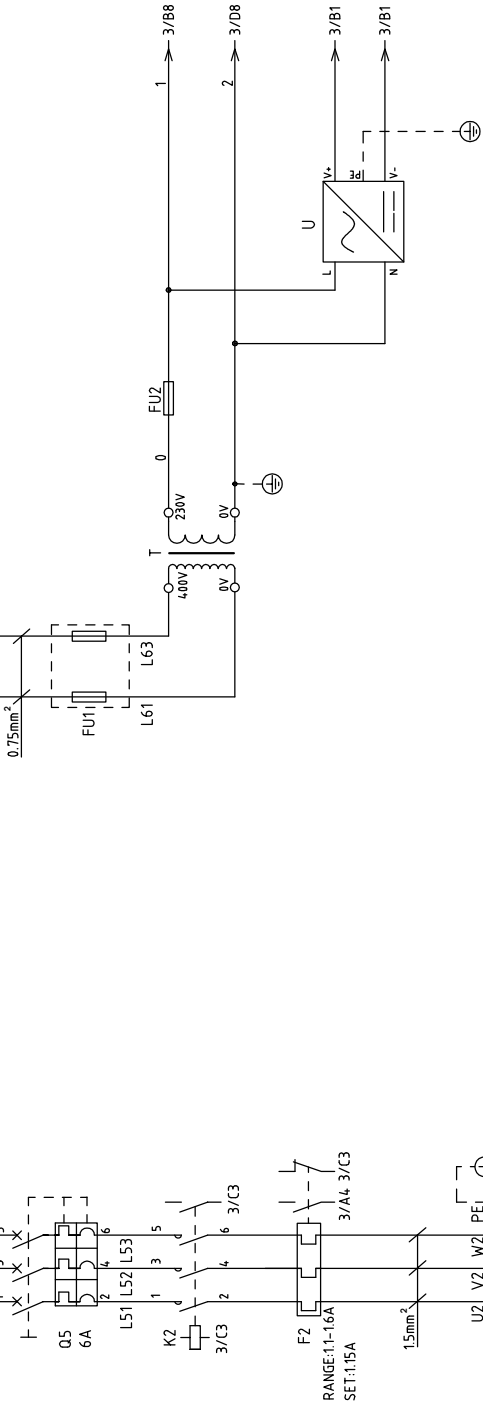
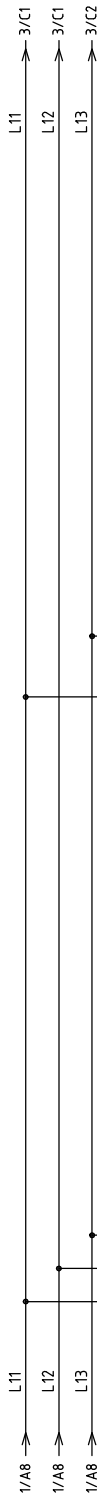
整机版本 Ver.D Note: Regeneration heater changed to 6kW when it is 60Hz

Title		Drawing NO.		Scale		Page	
SDD-300U(450U)/200H		SDD-300U(450U)/200H-CE-4.00V-F-1		Standard		CE	
Main Circuit Diagram 1						Voltage	
						Frequency	
						400V	
						50Hz	



Mark	Before modification	After modification	Modify date	Checked by	Date	Approved by	Version
					20170929		

12345678



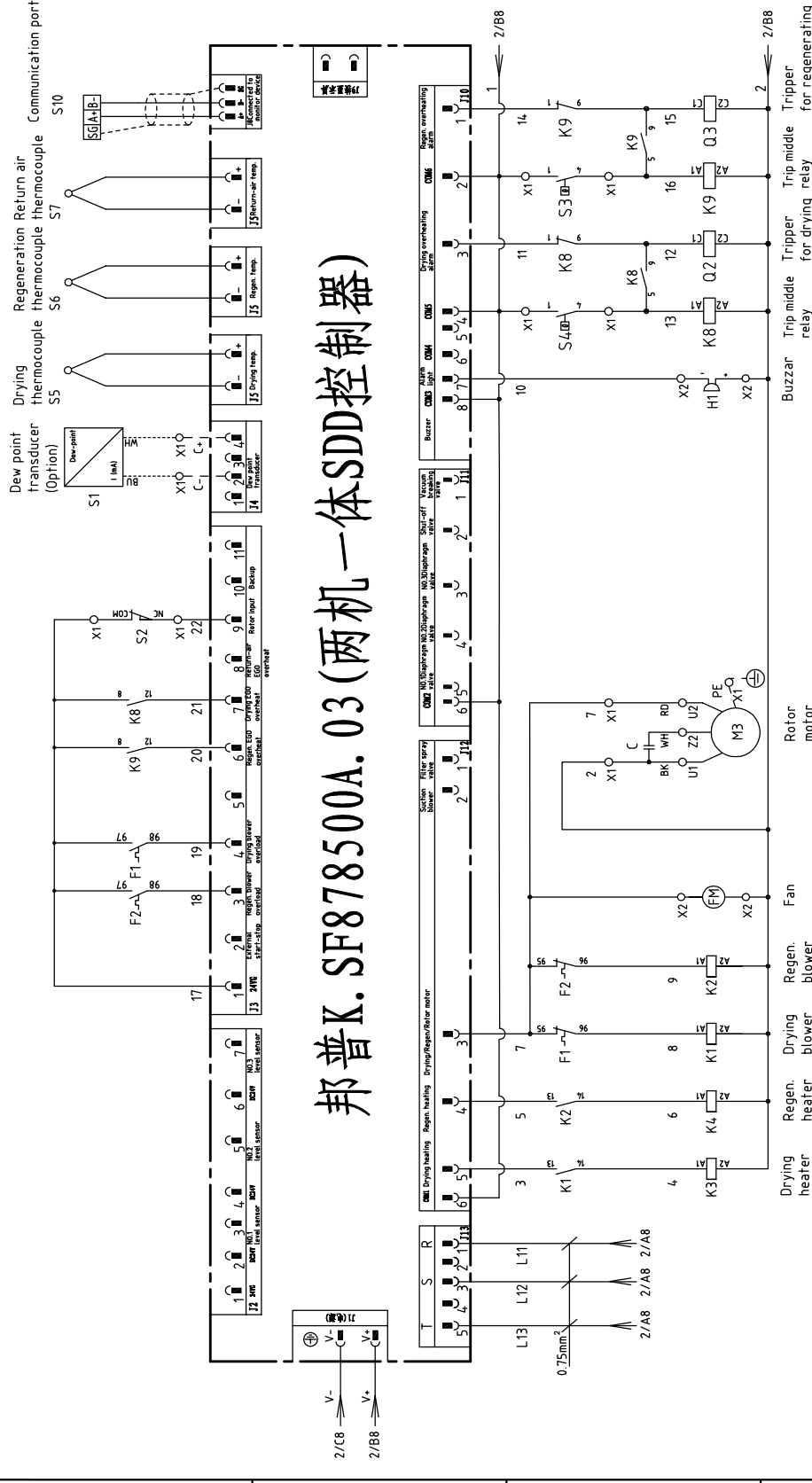
整机版本 Ver.D

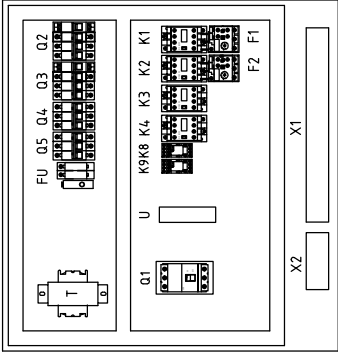
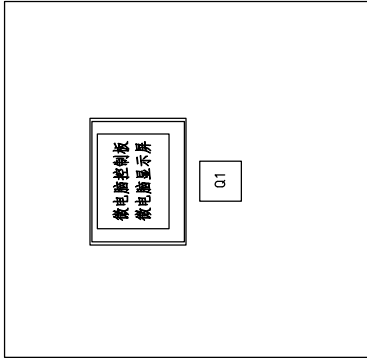
										Drawing NO.		Scale		Page	
										SDD-3000U(450U)/200H		SDD-3000U(450U)/200H-CE-4.00V-F-2		2	
										Main Circuit Diagram 2		CE		6	
												Voltage		4.00V	
												Frequency		50Hz	

邦普K.SF878500A.03 (两机一体SDD控制器)

整机版本Ver.D

Title		Drawing NO.		Scale		Page	
SDD-300U(450U)/200H		SDD-300U(450U)/200H-CE-400V-F-3		Standard		CE	
Control Circuit Diagram				Voltage		400V	
				Frequency		50Hz	
SHINI 信易电热机械股份有限公司 Shini Plastics Technologies, Inc.				Totally		6	
				Pages		400V	
				Frequency		50Hz	





X2

PE	4	3	2	1	Connect to buzzer
PE	7	2	10	2	
Connect to cooling fan					

X1

1	PE		Connect to power lines
2	1		Connect to drying heater
3	2		
4	3		
5	4		
6	5		Connect to regeneration heater
7	6		
8	7		
9	8		
10	PE		Connect to regeneration blower
11	9		
12	10		
13	11		
14	13	Connect to drying blower	
15	14		
16	15		
17	16		
18	17	Connect to regeneration EGO S3	
19	18		
20	19		
21	20		
22	21	Connect to drying EGO S4	
23	22		
24	23		
25	24		
26	25	Connect to rotor limit switch	
27	26		
28	27		
29	28		
30	29	Connect to rotor motor	
31	30		
32	31		
33	32		
34	33	Connect to dew point sensor(option)	
35	34		
36	35		
37	36		

整机版本 Ver.D

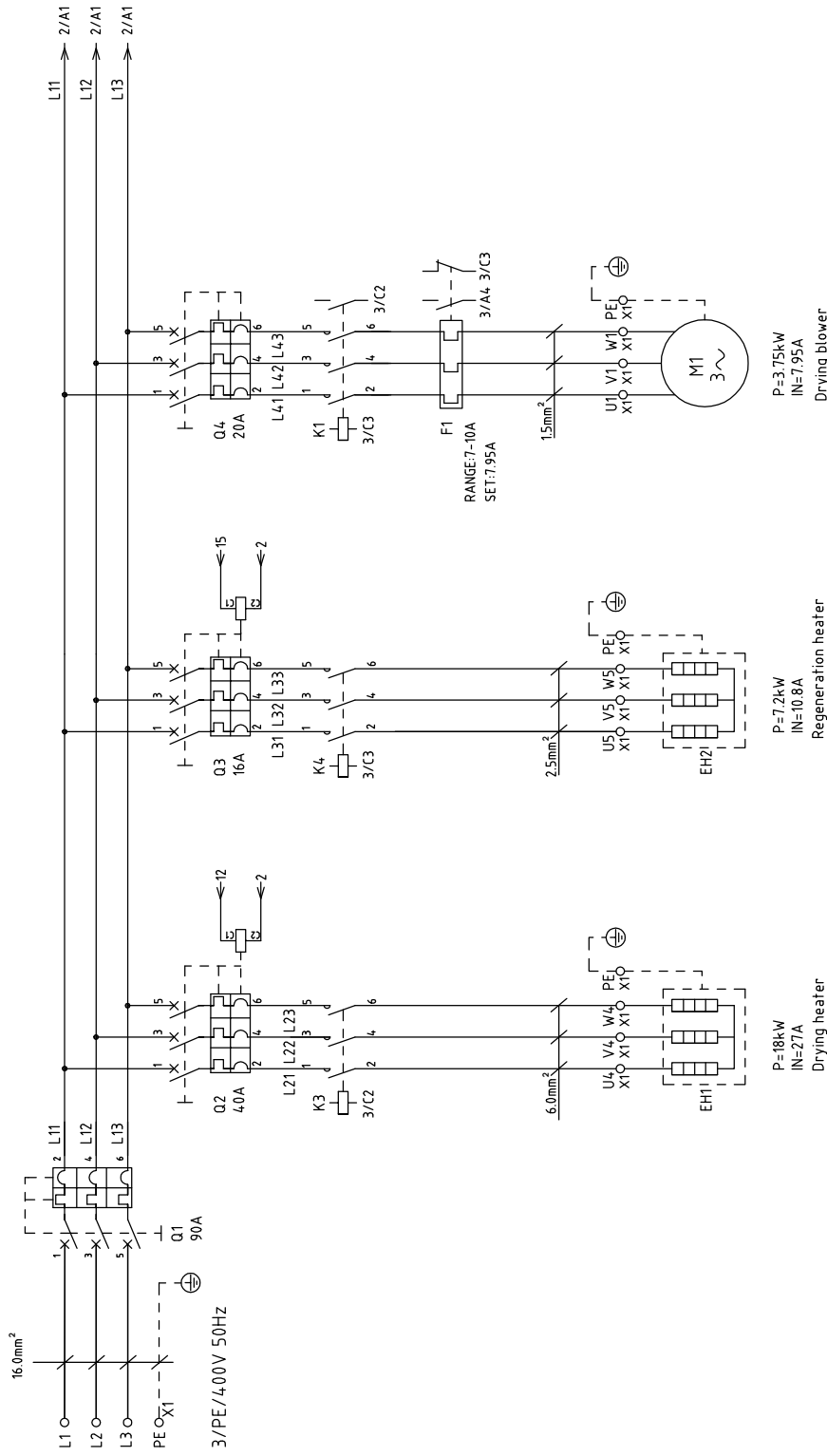
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SHINI 信易电热机械股份有限公司
Shini Plastics Technologies, Inc.

1		2	3	4	5	6	7	8
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark
1	Q1	Breaker interlock	ABB	ATA125TMF50/5003PFF	50A	1	YE41105200000	
2	Q2	Circuit-breaker	TECO	BM-63C/3025S 3P	25A	1	YE40302503000	
3	Q3	Circuit-breaker	TECO	BM-63C/3016S 3P	16A	1	YE40301603000	A
4		Excitation release	CHINT	MX	220V 50/60Hz	2	YE40023560000	
5	Q4	Circuit-breaker	TECO	BM-63C/3010S 3P	10A	1	YE40301003000	
6	Q5	Circuit-breaker	TECO	BM-63C/3006S 3P	6A	1	YE40300603000	
7	K1	Contactor	SIEMENS	3RT6016-1AN21	9A 1NO 220V 50/60Hz	1	YE00601621000	
8	K2	Contactor	SIEMENS	3RT6016-1AN21	9A 1NO 220V 50/60Hz	1	YE00601621000	
9	K3	Contactor	SIEMENS	3RT6027-1AN21	32A 220V 50/60Hz	1	YE00602722000	
10	K4	Contactor	SIEMENS	3RT6017-1AN21	12A 1NO 220V 50/60Hz	1	YE00601721000	
11	K8 K9	Relay	WEIDMULLER	DRM270730LT	220V 50/60Hz	2	YE03270700000	B
12	F1	Overload relay	SIEMENS	3RU6116-1FB0	3.5-5A	1	YE01160350000	
13	F2	Overload relay	SIEMENS	3RU6116-1AB0	1.1-16A	1	YE01160110000	
14	PCB	Controller	PUMP	K.SF878500A.03	-----	1	YE80878500100	
15	U	DC power	MEAN WELL	ESA-35-24	OUT=DC24V 1.5A	1	YE71352400100	
16	FU1	Fuse base	CHINT	RT28-32	2P	1	YE41032200000	
17		Fuse	CHINT	10x38 500V	2A	2	YE46002000100	
18	FU2	Fuse	YINDA	FS-10	2A	1	YE41001000000	
19	T	Transformer	BAIYUN	BY-04.07009	IN=400V OUT=230V 500mA	1	YE70402300800	C
20	H1	Buzzer	HITPOINT	PK-35A	220VAC	1	YE84003500200	
21	S1	Dew-point transducer	CS	CS 217-OEM	POWER=24VDC OUT=4-20mA	1	YE90021700100	(2)
22	S2	Micro switch	TEND	YBLXW-5/11G2	250V 5(A)A	1	-----	(1)
23	S3 S4	Temperature protector	EGO	---	115-320 °C	2	-----	(1)
24	S5 S6 S7	Thermocouple	SHINI	ST-K	K	3	---	(1)
25	X1	Terminal board	HOLLEYWELL	6mm ²	-	3	YE60000603200	
整机版本 Ver.D Notes: (1)Means it's not the material inside the control box. (2)Stands for optional dew-point monitor								
D		Title			Drawing NO.			
		SDD-300U(450U)/200H			SDD-300U(450U)/200H-CE-4.00V-F-5			
		Electrical Components List 1			CE			
					Voltage			
					Frequency			
					4.00V			
					50Hz			
					8			
					7			
					6			
					5			
					4			
					3			
					2			
					1			
					8			

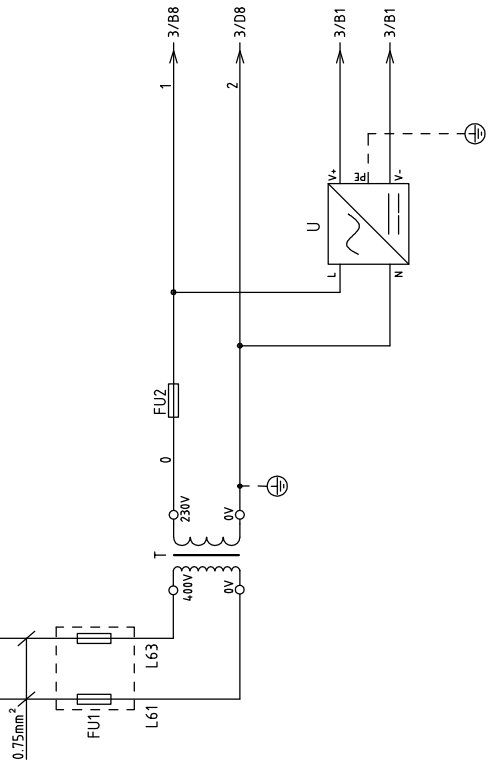
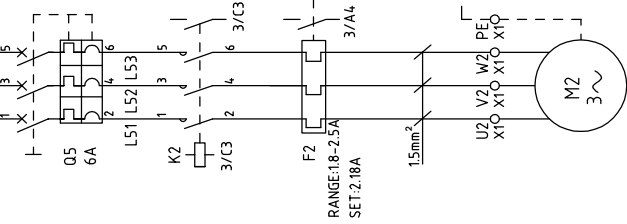
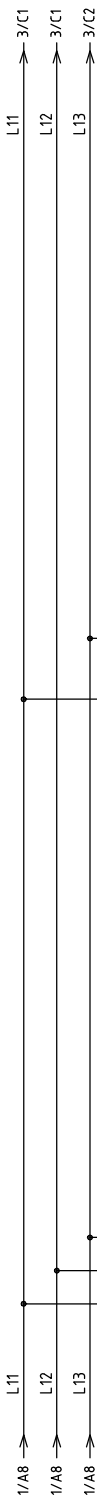


1		2		3		4		5		6		7		8	
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark							
26		Terminal board	HOLLEYWELL	6mm ² PE	-	1	YE60000603500								
27		Terminal board	HOLLEYWELL	4mm ²	-	12	YE60000403200								
28		Terminal board	HOLLEYWELL	4mm ² PE	-	4	YE60000403500								
A		Terminal board	HOLLEYWELL	2.5mm ²	-	8	YE60002503200								
29		Terminal board	HOLLEYWELL	2.5mm ² PE	-	1	YE60002503400								
30		Terminal board	HOLLEYWELL	2.5mm ²	-	2	YE60002503200	(2)							
31		Terminal board	HOLLEYWELL	2.5mm ²	-	4	YE60002503200								
32	X2	Terminal board	HOLLEYWELL	2.5mm ² PE	-	1	YE60002503400								
33		Terminal board	SUNON	DP-200A	230VAC 40W	1	-----	(1)							
34	FM	Fan	SHINI	-----	400V 15kW	1	-----	(1)							
35	M1	Blower	SHINI	-----	400V 0.4kW	1	-----	(1)							
36	M2	Blower	-----	-----	230V 0.006kW	1	-----	(1)							
37	M3	Motor	SHINI	-----	400V 12kW	1	-----	(1)							
38	EH1	Pipe heater	SHINI	-----	400V 4kW	1	-----	(1)							
39	EH2	Pipe heater	SHINI	-----	400V 6kW	1	-----	(1)							
40	EH2	Pipe heater	-----	-----	50Hz机型	1	-----	(1)							
41	S10	Communication interface board RS-485 (double Dsub-9pin connector)	--	--	400V 6kW	1	YE90048501200								
42		Shell RS485(SAL-700G-A-19J0)	--	--	PCS	5	YR40048500000								
43		Terminal block E/GKseries(honeywell)					YE60000003900								
C															
						</									



整机版本 Ver.C

Title		Drawing NO.		Scale		Page	
SDD-600U(750U)/400H		SDD-600U(750U)/400H-CE-400V-D-1		Standard		1	
Main Circuit Diagram 1				CE		Totally 6	
				Voltage		400V	
				Frequency		50Hz	
SHINI		信易电热机械股份有限公司		Shini Plastics Technologies, Inc.			
Version		Date		Mark			
D		20170929		Before modification			
After modification		Modified by		Checked by			
Designer		Proofread by		Date			
Drawer		Approved by		Date			



整机版本 Ver.C

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邦普K.SF878500A.03(两机一体SDD控制器)

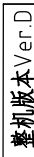
整机版本Ver.C

										Title		Drawing NO.		Scale		Page	
										SDD-600U(750U)/400H		SDD-600U(750U)/400H-CE-400V-D-3		Standard		Totally 6	
										Control Circuit Diagram				CE		Pages	
														Voltage		400V	
														Frequency		50Hz	

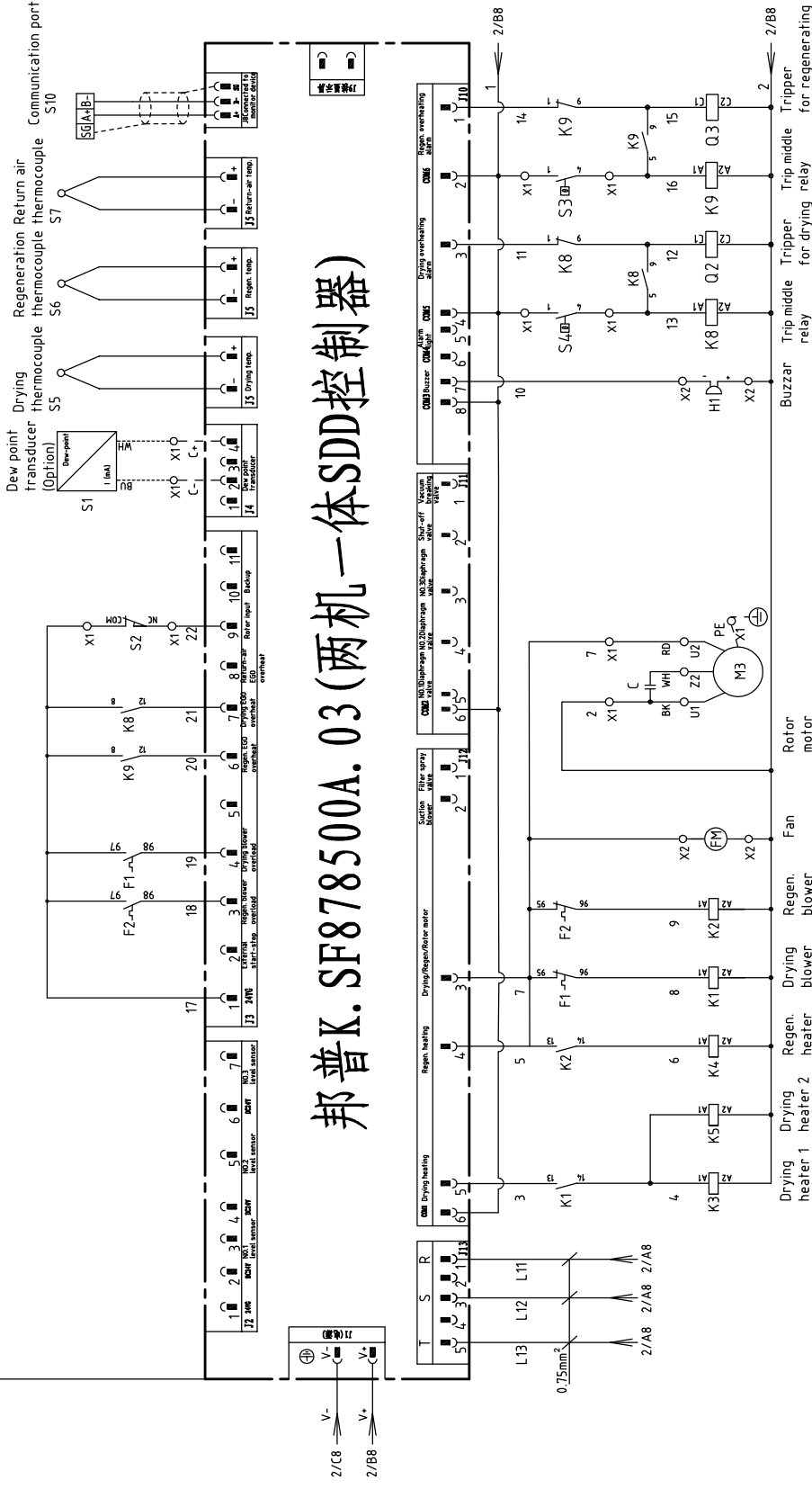
1		2		3		4		5		6		7		8	
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark							
1	Q1	Breaker interlock	ABB	A1A125TMF90	90A	1	YE41109200000								
2	Q2	Circuit-breaker	TECO	BM-63C/3040S 3P	40A	1	YE40304003000								
3	Q3	Circuit-breaker	TECO	BM-63C/3016S 3P	16A	1	YE40301603000	A							
4	Q4	Circuit-breaker	TECO	BM-63C/3020S 3P	20A	1	YE40302003000								
5	Q5	Circuit-breaker	TECO	BM-63C/3006S 3P	6A	1	YE40300603000								
6		Excitation release	CHINT	MX	220V 50/60Hz	2	YE40023560000								
7	K1	Contactor	SIEMENS	3RT6017-1AN21	12A 1NO 220V 50/60Hz	1	YE00601721000								
8	K2	Contactor	SIEMENS	3RT6016-1AN21	9A 220V 50/60Hz	1	YE00601621000								
9	K3	Contactor	SIEMENS	3RT6028-1AN21	38A 220V 50/60Hz	1	YE00602822000								
10	K4	Contactor	SIEMENS	3RT6018-1AN21	16A 1NO 220V 50/60Hz	1	YE00601800000								
11	K8 K9	Relay	WEIDMULLER	DRM270730LT	220V 50/60Hz	2	YE03270700000	B							
12	F1	Overload relay	SIEMENS	3RU6116-1JB0	7-10A	1	YE01167100000								
13	F2	Overload relay	SIEMENS	3RU6116-1CB0	1.8-2.5A	1	YE01160180000								
14	PCB	Controller	PUMP	K.SF878500A.03	-----	1	YE80878500100								
15	U	DC power	MEAN WELL	ESA-35-24	OUT=DC24V 1.5A	1	YE71352400100								
16	FU1	Fuse base	CHINT	RT28-32	2P	1	YE41032200000								
17		Fuse	CHINT	10×38 500V	2A	2	YE46002000100								
18	FU2	Fuse	YINDA	FS-10	2A	1	YE41001000000								
19	T	Transformer	BAIYUN	BY-04.07009	IN=400V OUT=230V 500mA	1	YE70402300800	C							
20	H1	Buzzer	HITPOINT	PK-35A	220VAC	1	YE84003500200								
21	S1	Dew-point transducer	CS	CS 217-OEM	POWER=24VDC OUT=4-20mA	1	YE90021700100	(2)							
22	S2	Micro switch	TEND	YBLXW-5/11G2	250V 5(A)A	1	-----	(1)							
23	S3 S4	Temperature protector	EGO	---	115-320 °C	2	-----	(1)							
24	S5 S6 S7	Thermocouple	SHINI	ST-K	K	3	---	(1)							
25	X1	Terminal board	HOLLEYWELL	16mm ² PE	-	1	YE60001603500								
整 机 版 本 Ver.C															
Notes: (1)Means it's not the material inside the control box. (2)Stands for optional dew-point monitor															
D		Title			Drawing NO.			Scale		Page		D			
		SDD-600U(750U)/4.00H Electrical Components List 1			SDD-600U(750U)/4.00H-CE-4.00V-D-5			Standard		CE		Totally 6 Pages			
		Version		D											
		Designer		Approved by											
		Proofread by													
		Checked by		Date		20170929						Voltage		4.00V	
Mark		Before modification		After modification		Modified by		20170929				Frequency		50Hz	
1		2		3		4		5		6		7		8	



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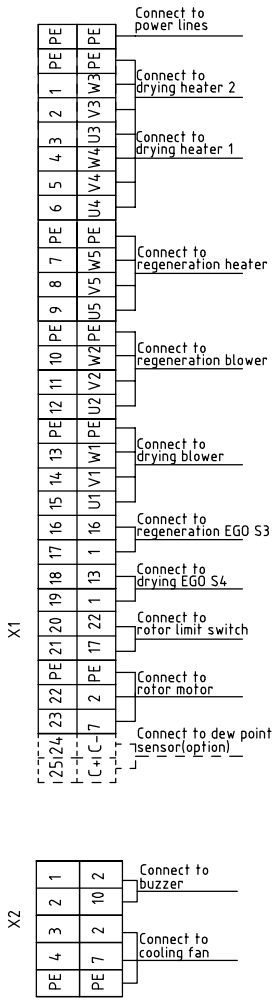
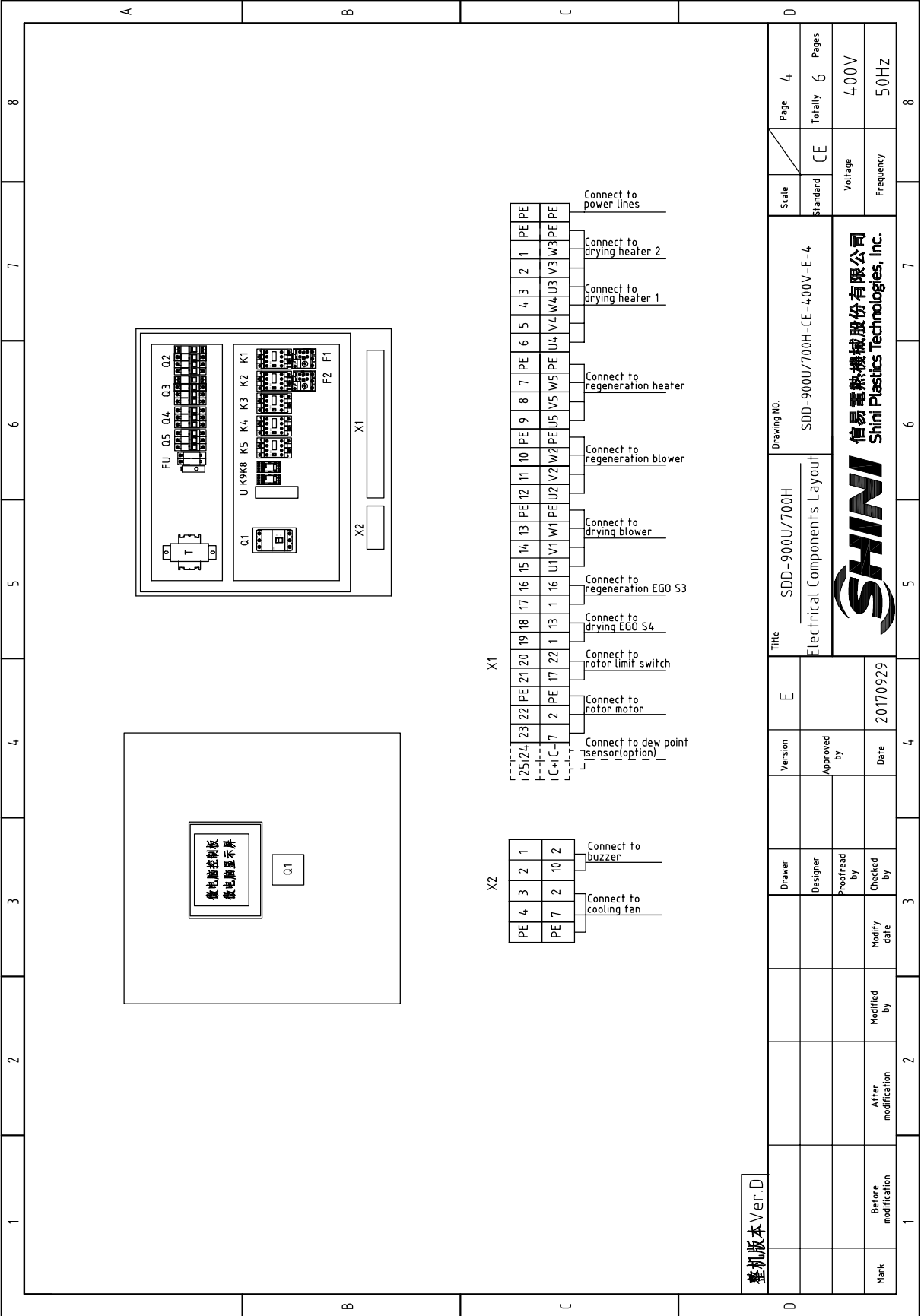
邦普K.SF878500A.03(两机一体SDD控制器)



整机版本 Ver.D

Title		Drawing NO.		Scale		Page	
SDD-900U/700H		SDD-900U/700H		Standard		3	
Control Circuit Diagram		SDD-900U/700H-CE-E-3		CE		6	
Version		Approved by		Voltage		400V	
Date		20170929		Frequency		50Hz	
Mark		Before modification		After modification		1	





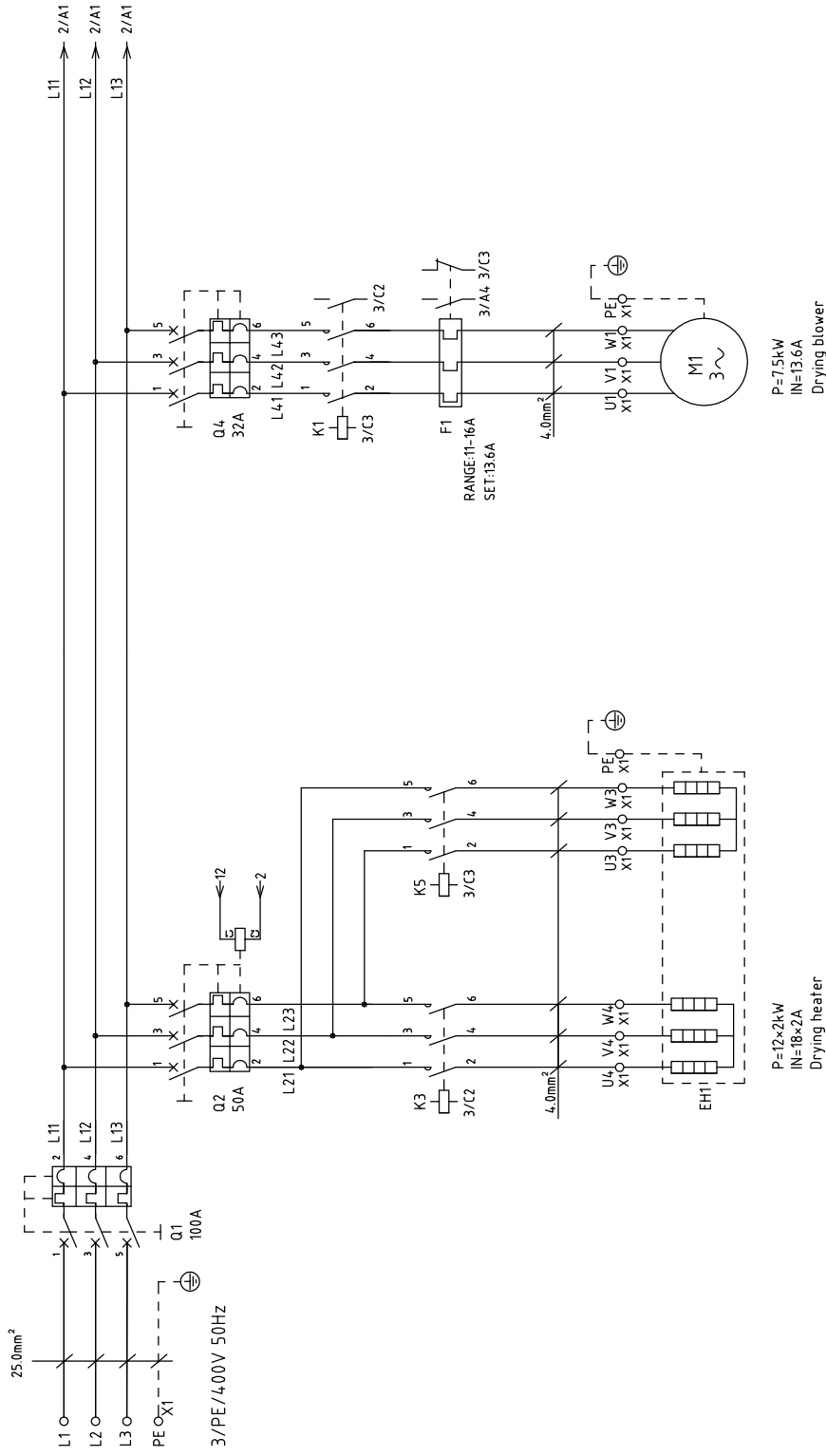
整机版本 Ver.D

Title		Drawing NO.		Scale		Page	
SDD-900U/700H		SDD-900U/700H-CE-400V-E-4		CE		4	
Electrical Components Layout		Voltage		Frequency		400V	
SHINI		信易电热机械股份有限公司		Shini Plastics Technologies, Inc.		50Hz	
Version		Approved by		Date		20170929	
Drawer		Designer		Proofread by		Checked by	
Mark		Before modification		After modification		Modified by	

1		2	3	4	5	6	7	8
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark
1	Q1	Breaker interlock	ABB	A1A125TMF100	100A	1	YE4110200000	
2	Q2	Circuit-breaker	TECO	BM-63C/3050S 3P	50A	1	YE40305003000	
3	Q3	Circuit-breaker	TECO	BM-63C/3020S 3P	20A	1	YE40302003000	A
4	Q4	Circuit-breaker	TECO	BM-63C/3032S 3P	32A	1	YE40303203000	
5	Q5	Circuit-breaker	TECO	BM-63C/3010S 3P	10A	1	YE40301003000	
6		Excitation release	CHINT	MX	220V 50/60Hz	2	YE40023560000	
7	K1	Contactor	SIEMENS	3RT6026-1AN20	25A 220V 50/60Hz	1	YE00602622000	
8	K2	Contactor	SIEMENS	3RT6016-1AN21	9A 220V 50/60Hz	1	YE00601621000	
9	K3 K5	Contactor	SIEMENS	3RT6027-1AN21	32A 220V 50/60Hz	2	YE00602722000	
10	K4	Contactor	SIEMENS	3RT6026-1AN21	25A 220V 50/60Hz	1	YE00602622000	
11	K8 K9	Relay	WEIDMULLER	DRM270730LT	220V 50/60Hz	2	YE03270700000	B
12	F1	Overload relay	SIEMENS	3RU6126-4AB0	11-16A	1	YE01260110000	
13	F2	Overload relay	SIEMENS	3RU6116-1FB0	35-5A	1	YE01160350000	
14	PCB	Controller	PUMP	K.SF878500A.03	-----	1	YE80878500100	
15	U	DC power	MEAN WELL	ESA-35-24	OUT=DC24V 1.5A	1	YE71352400100	
16	FU1	Fuse base	CHINT	RT28-32	2P	1	YE41032200000	
17		Fuse	CHINT	10x38 500V	2A	2	YE46002000100	
18	FU2	Fuse	YINDA	FS-10	2A	1	YE41001000000	
19	T	Transformer	BAIYUN	BY-04.07009	IN=400V OUT=230V 500mA	1	YE70402300800	C
20	H1	Buzzer	HITPOINT	PK-35A	220VAC	1	YE84003500200	
21	S1	Dew-point transducer	CS	CS 217-OEM	POWER=24VDC OUT=4-20mA	1	YE90021700100	(2)
22	S2	Micro switch	TEND	YBLXW-5/11G2	250V 5(A)A	1	-----	(1)
23	S3 S4	Temperature protector	EGO	---	115-320 °C	2	-----	(1)
24	S5 S6 S7	Thermocouple	SHINI	ST-K	K	3	---	(1)
25	X1	Terminal board	HOLLEYWELL	35mm ² PE	-	1	YE60003503500	
整机版本 Ver.D Notes: (1)Means it's not the material inside the control box. (2)Stands for optional dew-point monitor								
D		Title			Drawing NO.		Scale	
		SDD-900U/700H			Electrical Components List 1		SDD-900U/700H-CE-400V-E-5	
		Version	E			CE		Page 5
		Designer		Approved by		Voltage		Totally 6 Pages
		Proofread by		Date		Frequency		400V
Mark		Before modification	After modification	Modified by	20170929	50Hz		50Hz
1	2	3	4	5	6	7	8	

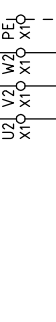
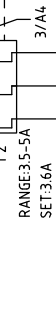
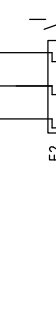
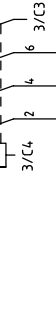
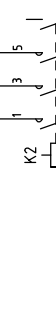
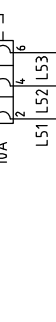
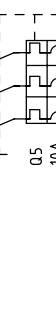
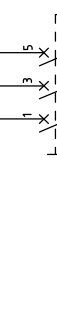
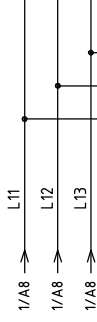
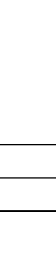
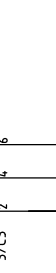
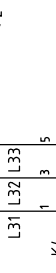
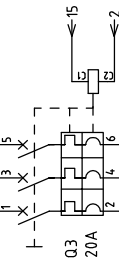
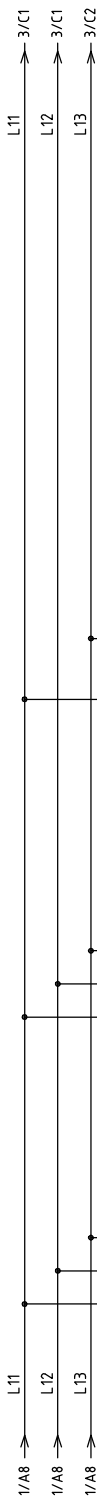


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Title		Drawing NO.		Scale		Page	
SDD-1200U/700H		SDD-1200U/700H-CE-400V-E-1		Standard		1	
Main Circuit Diagram 1				CE		Totally 6	
						Voltage	
						Frequency	
						400V	
						50Hz	



整机版本 Ver.F

Title		Drawing NO.		Scale		Page	
SDD-1200U/700H		SDD-1200U/700H-CE-400V-E-2		CE		2	
Main Circuit Diagram 2				Standard		Totally 6	
				Voltage		400V	
				Frequency		50Hz	
SHINI 信易电热机械股份有限公司 Shini Plastics Technologies, Inc.							
Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date	20170929
1	2	3	4	5	6	7	8

邦普K.SF878500A.03 (两机一体SDD控制器)

整机版本 Ver.F

Title		Drawing NO.		Scale		Page	
SDD-1200U/700H		SDD-1200U/700H-CE-400V-E-3		Standard		CE	
Control Circuit Diagram						Voltage	
						Frequency	
						400V	
						50Hz	



20170929

Modified by

After modification

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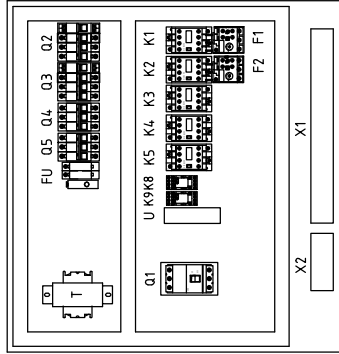
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1	2	Connect to buzzer
2	10	
3	2	Connect to cooling fan
4	7	
PE	PE	

1	PE	Connect to power lines
2	1	
3	2	
4	3	Connect to drying heater 2
5	4	
6	5	
7	6	Connect to drying heater 1
8	7	
9	8	
10	PE	Connect to regeneration heater
11	9	
12	10	
13	PE	Connect to regeneration blower
14	11	
15	12	
16	13	Connect to drying blower
17	14	
18	15	
19	16	Connect to regeneration EGO S3
20	17	
21	18	
22	19	Connect to drying EGO S4
23	20	
24	21	
25	22	Connect to rotor limit switch
26	23	
27	24	
28	25	Connect to rotor motor
29	26	
30	27	
31	28	Connect to dew point sensor(option)
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NO.		Symbol		Name		Manufacturer		Type		Specification		Number		Material number		Remark		
A	1	Q1		Breaker interlock		ABB		A1A125TMF100		100A		1		YE41110200000				
	2	Q2		Circuit-breaker		TECO		BM-63C/3050S 3P		50A		1		YE40305003000				
	3	Q3		Circuit-breaker		TECO		BM-63C/3020S 3P		20A		1		YE40302003000				
	4	Q4		Circuit-breaker		TECO		BM-63C/3032S 3P		32A		1		YE40303203000		A		
	5	Q5		Circuit-breaker		TECO		BM-63C/3010S 3P		10A		1		YE40301003000				
	6			Excitation release		CHINT		MX		220V 50/60Hz		2		YE40023560000				
	7	K1		Contactor		SIEMENS		3RT6026-1AN20		25A 220V 50/60Hz		1		YE00602622000				
	8	K2		Contactor		SIEMENS		3RT6016-1AN21		9A 220V 50/60Hz		1		YE00601621000				
	9	K3 K5		Contactor		SIEMENS		3RT6027-1AN21		32A 220V 50/60Hz		2		YE00602722000				
	10	K4		Contactor		SIEMENS		3RT6026-1AN21		25A 220V 50/60Hz		1		YE00602622000				
B	11	K8 K9		Relay		WEIDMULLER		DRM270730LT		220V 50/60Hz		2		YE03270700000		B		
	12	F1		Overload relay		SIEMENS		3RU6126-4AB0		11-16A		1		YE01260110000				
	13	F2		Overload relay		SIEMENS		3RU6116-1FB0		3.5-5A		1		YE01160350000				
	14	PCB		Controller		PUMP		K.SF878500A.03		-----		1		YE80878500100				
	15	U		DC power		MEAN WELL		ESA-35-24		OUT=DC24V 1.5A		1		YE713524-00100				
	16	FU1		Fuse base		CHINT		RT28-32		2P		1		YE41032200000				
	17			Fuse		CHINT		10x38 500V		2A		2		YE46002000100				
	18	FU2		Fuse		YINDA		FS-10		2A		1		YE41001000000				
	19	T		Transformer		BAIYUN		BY-04.07009		IN=400V OUT=230V 500mA		1		YE70402300800		C		
	20	H1		Buzzer		HITPOINT		PK-35A		220VAC		1		YE84003500200				
	21	S1		Dew-point transducer		CS		CS 217-OEM		POWER=24VDC OUT=4-20mA		1		YE90021700100		(2)		
	22	S2		Micro switch		TEND		YBLXW-5/11G2		250V 5(A)A		1		-----		(1)		
	23	S3 S4		Temperature protector		EGO		---		115-320 °C		2		-----		(1)		
	24	S5 S6 S7		Thermocouple		SHINI		ST-K		K		3		---		(1)		
	25	X1		Terminal board		HOLLEYWELL		35mm ² PE		-		1		YE60003503500				
整机版本 Ver.F		Notes: (1)Means it's not the material inside the control box. (2)Stands for optional dew-point monitor																
D							Drawer		Version	E	Title		Drawing NO.		Scale	Page		
							Designer		Approved by		SDD-1200U/700H		SDD-1200U/700H-CE-400V-E-5		Standard	Totally 6 Pages		
							Proofread by				Electrical Components List 1				Voltage			
							Checked by				20170929				Frequency			
	Mark	Before modification	After modification	Modified by	Modify date	Date	SHINI 信易电热机械股份有限公司 Shini Plastics Technologies, Inc.											400V
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