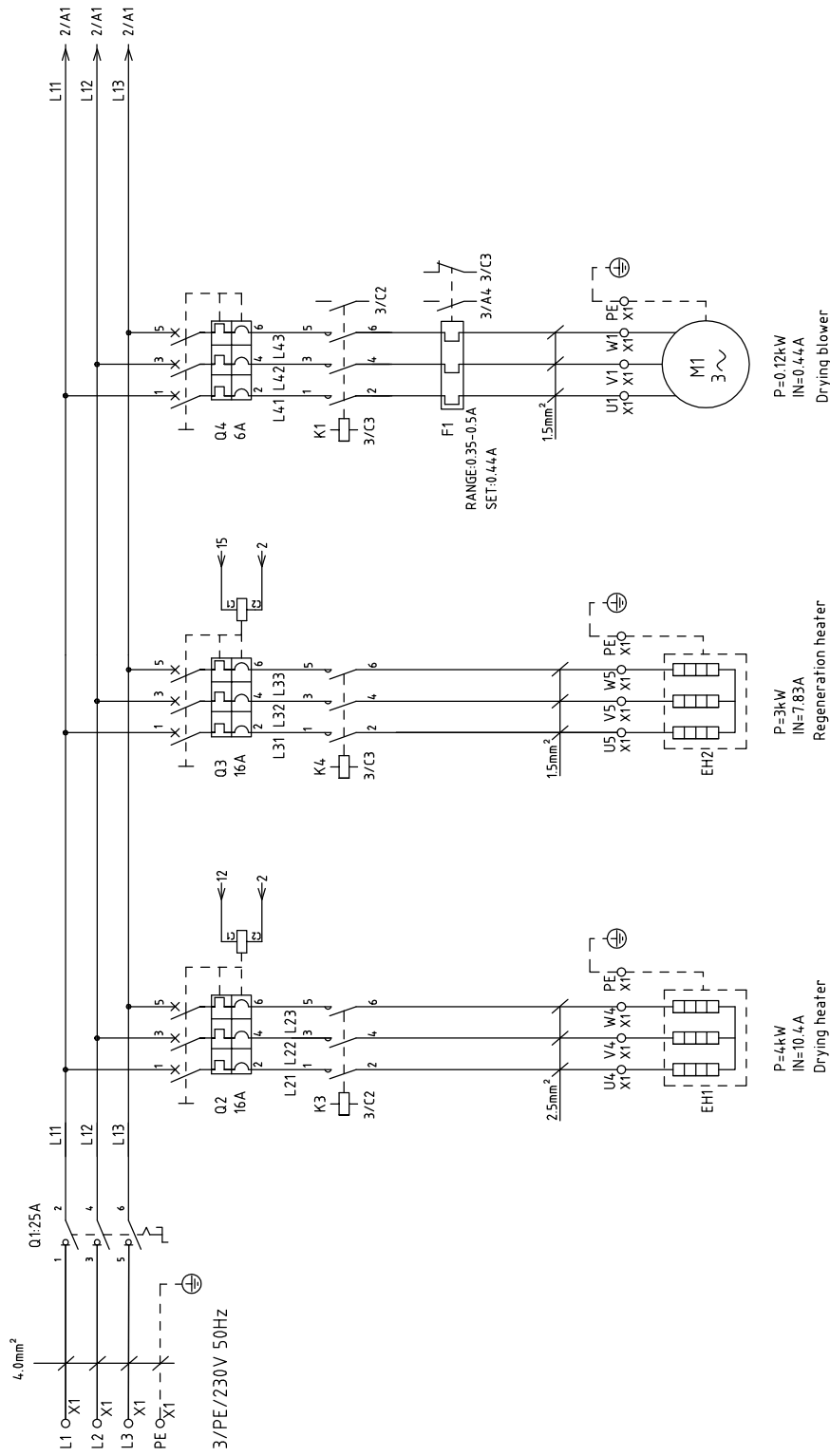
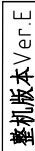




整机版本 Ver.E

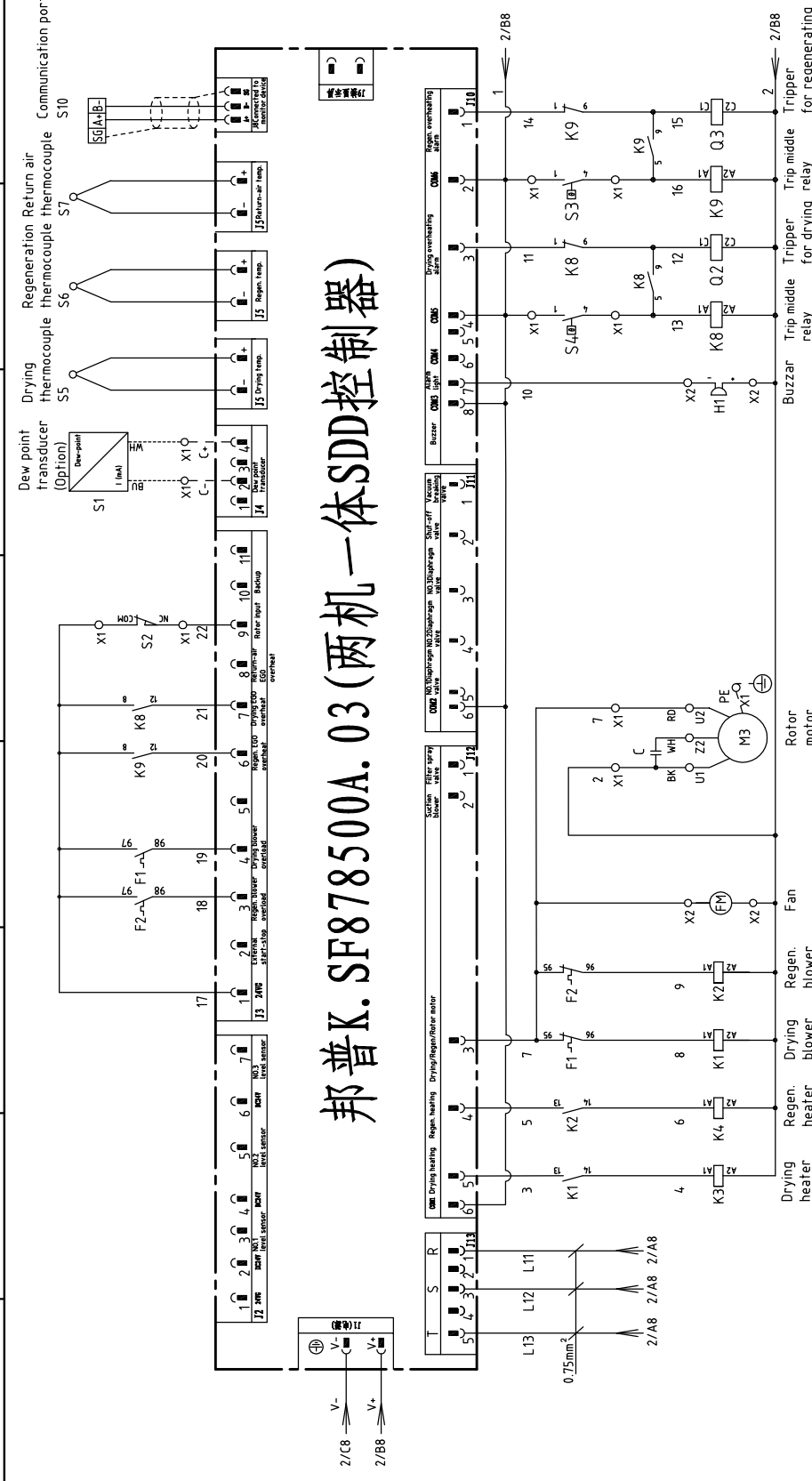
Title		Drawing NO.		Scale		Page	
SDD-40U(80U)/40H		SDD-40U(80U)/40H-CE-H-1		Standard		1	
Main Circuit Diagram 1				CE		Totally 6	
				Voltage		230V	
				Frequency		50Hz	
SHINI		信易电热机械股份有限公司		Shini Plastics Technologies, Inc.			
Mark		Before modification		After modification		Date	
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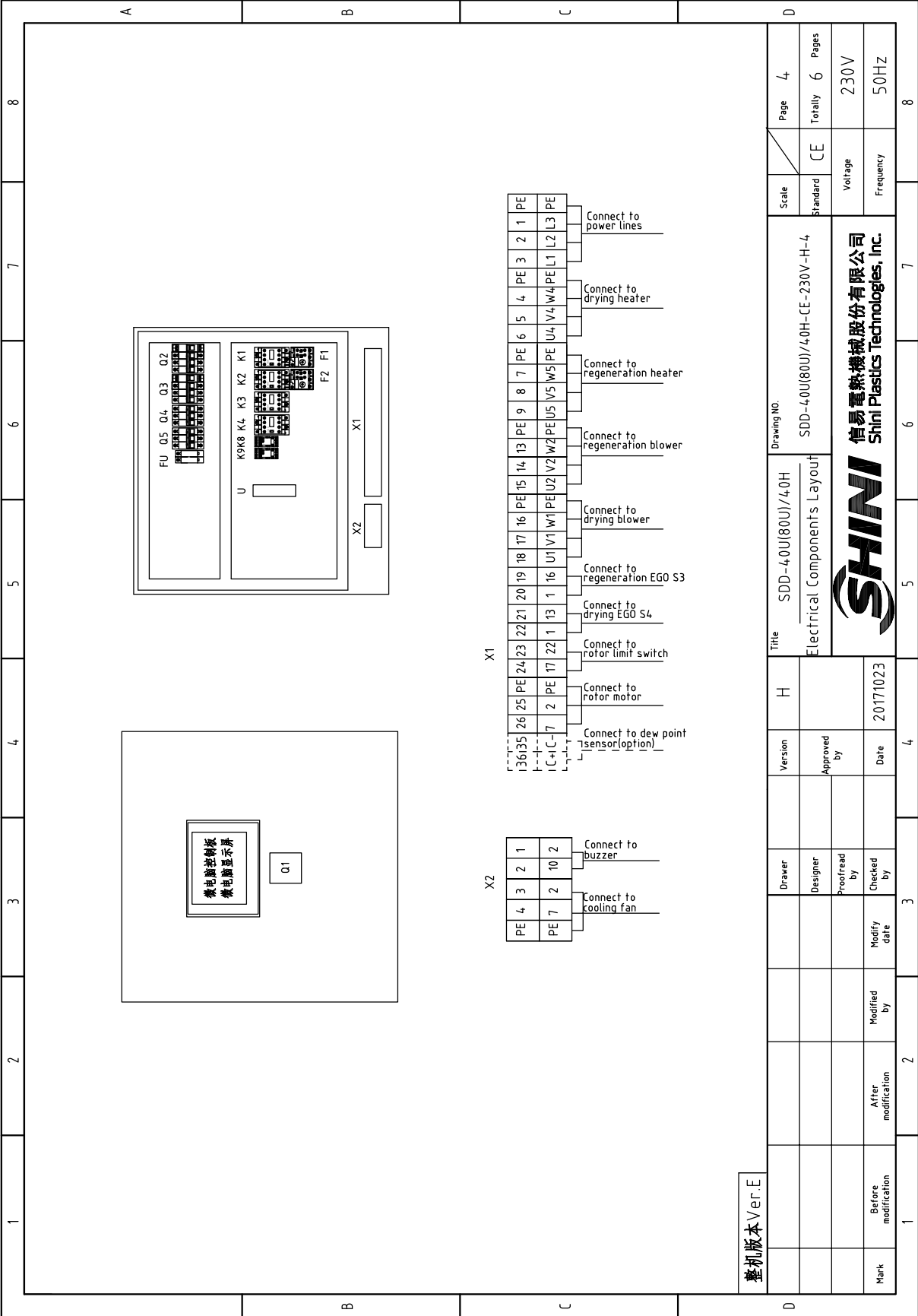


邦普K. SF878500A. 03 (两机一体SDD控制器)

整机版本 Ver.E

Title		Drawing NO.		Scale		Page	
SDD-40U(80U)/40H		SDD-40U(80U)/40H-CE-230V-H-3		Standard		Page 3	
Control Circuit Diagram				CE		Totally 6	
SHINI 信易电热机械股份有限公司 Shini Plastics Technologies, Inc.				Voltage		230V	
				Frequency		50Hz	
Mark	Before modification	After modification	Modified by	Modify date	Checked by	Approved by	Date
				20171023			





整机版本 Ver.E

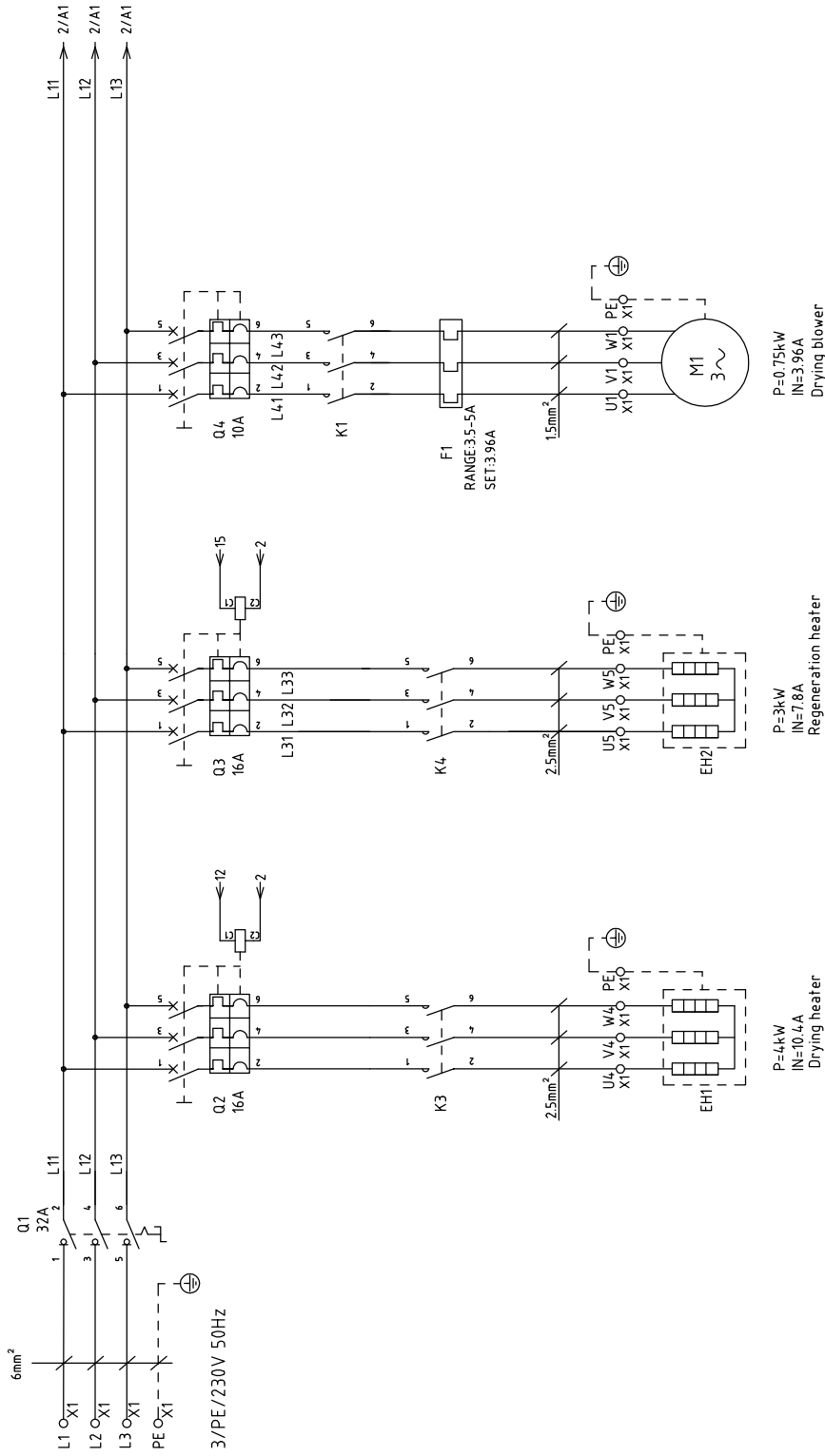
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SDD-40U(80U)/40H		SDD-40U(80U)/40H-CE-230V-H-4		Standard		4	
Electrical Components Layout				CE		6	
Version		H		Voltage		230V	
Approved by				Frequency		50Hz	
Date		20171023					
Mark		Before modification		After modification			
Modified by		Modified date		Checked by			
Proofread by		Designer		Total		6	
Drawer				Pages			



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 switch		EATON		P1-25/EA/SVB		25A		1		YE10125250000					
2		Q2 Q3		Circuit-breaker		TECO		BM-63C/3016S		16A		2		YE40301603000					
3		Q4 Q5		Excitation release		TECO		MX		220V 50/60Hz		2		YE40023560000		A			
4				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		3RT6018-1AN21		16A 1NO 220V 50/60Hz		1		YE00601800000					
8		K4		Contactor		SIEMENS		3RT6018-1AN21		16A 1NO 220V 50/60Hz		1		YE00601800000					
9		K8 K9		Relay		WEIDMULLER		DRM270730L T		220V 50/60Hz		2		YE03270700000					
10		F1		Overload relay		SIEMENS		3RU6116-0FB0		0.35-0.5A		1		YE01161350000					
11		F2		Overload relay		SIEMENS		3RU6116-0FB0		0.35-0.5A		1		YE01161350000					
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		YE171352400100					
14		FU1		Fuse base		CHINT		RT28-32		2P/32A/500V/10x38		1		YE41032200000					
15				Fuse		CHINT		10x38 500V		2A		2		YE46002000100					
16		H1		Buzzer		HITPOINT		PK-35A		220V AC/DC		1		YE84003500200					
17		S1		Dew-point transducer		CS		CS 217-OEM		POWER=24VDC OUT=4-20mA		1		YE90021700100		(1)(2)			
18		S2		Position limit switch		TEND		YBLXW-5/11G2		250V 5(4)A		1		----		(1)			
19		S3 S4		Temperature protector		---		組合體EGO		115-320℃ 5S 13262.160		2		----		(1)			
20		S5 S6		Thermocouple		SHINI		-----		-----		2		----		(1)			
21		X1		Terminal board		HOLLEYWELL		4mm ²		-		15		YE60000403200					
22				Terminal board		HOLLEYWELL		4mm ² PE		-		5		YE60000403500					
23				Terminal board		HOLLEYWELL		2.5mm ²		-		8		YE60002503200					
24				Terminal board		HOLLEYWELL		2.5mm ² PE		-		1		YE60002503400					
25				Terminal board		HOLLEYWELL		2.5mm ²		-		2		YE60002503200		(2)			
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						SDD-40UI(80U)/40H		SDD-40UI(80U)/40H-CE-230V-H-5		CE		5	
						Proofread by						Electrical Components List 1				Standard		Totally 6 Pages	
Mark		Before modification		After modification		Modify date		Checked by		Date		20171023				Voltage		230V	
																Frequency		50Hz	
1		2		3		4		5		6		7		8					
																			
信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.																			

1		2		3		4		5		6		7		8	
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark							
26	X2	Terminal board	HOLLEYWELL	2.5mm ²	-	4	YE60002503200								
27		Terminal board	HOLLEYWELL	2.5mm ² PE	-	1	YE60002503400								
A	F1	Fan	----	12×12CM	230V/50/60HZ 40W	1	-----	(1)	A						
29	M1	Blower 4"	SHINI	-----	0.12kW 200-240V 50/60HZ	1	-----	(1)							
30	M2	Blower 2.5"	SHINI	-----	0.12kW 200-240V 50/60HZ	1	-----	(1)							
31	M3	Motor	東歷	3K15GN-C-T/3GN-10XK/3GN-120K 220V 0.015kW		1	-----	(1)							
32	EH1	Pipe heater	SHINI	-----	4kW 230V	1	-----	(1)							
33	EH2	Pipe heater	SHINI	-----	3kW 230V	1	-----	(1)							
34		Terminal block E/GKseries(honeywell)	-----	-----	-----	4	YE60000003900								



整机版本 Ver.D

Title		Drawing NO.		Scale		Page	
SDD-120U(160U)/80H		SDD-120U(160U)/80H-CE-230V-G-1		Standard		1	
Main Circuit Diagram 1				CE		Totally 6	
						Voltage	
						Frequency	
						230V	
						50Hz	

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

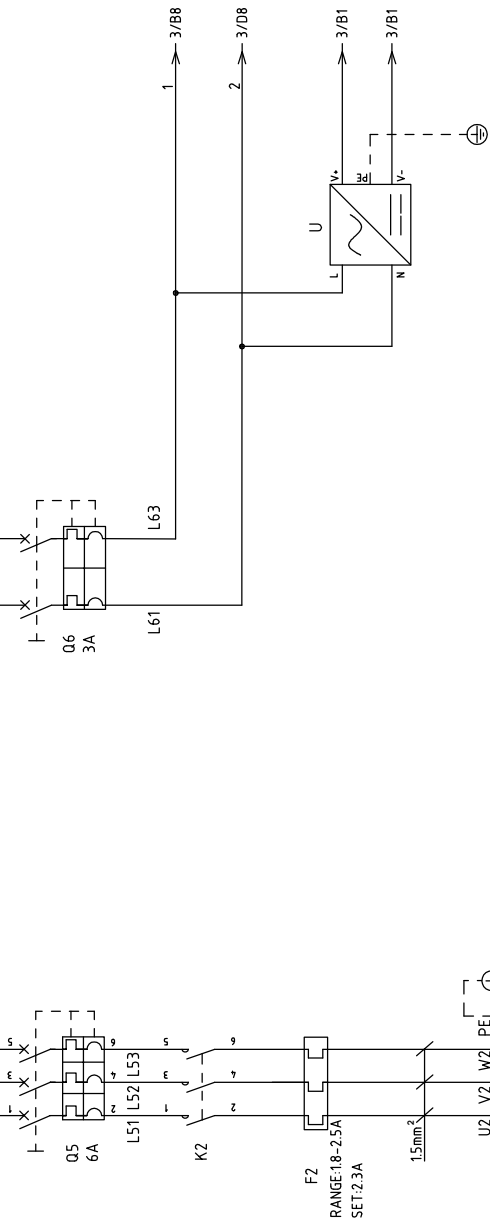
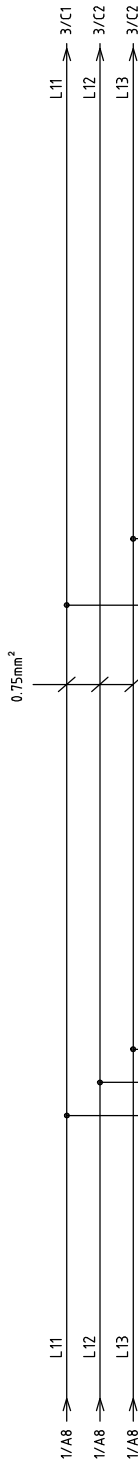
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整机版本 Ver.D

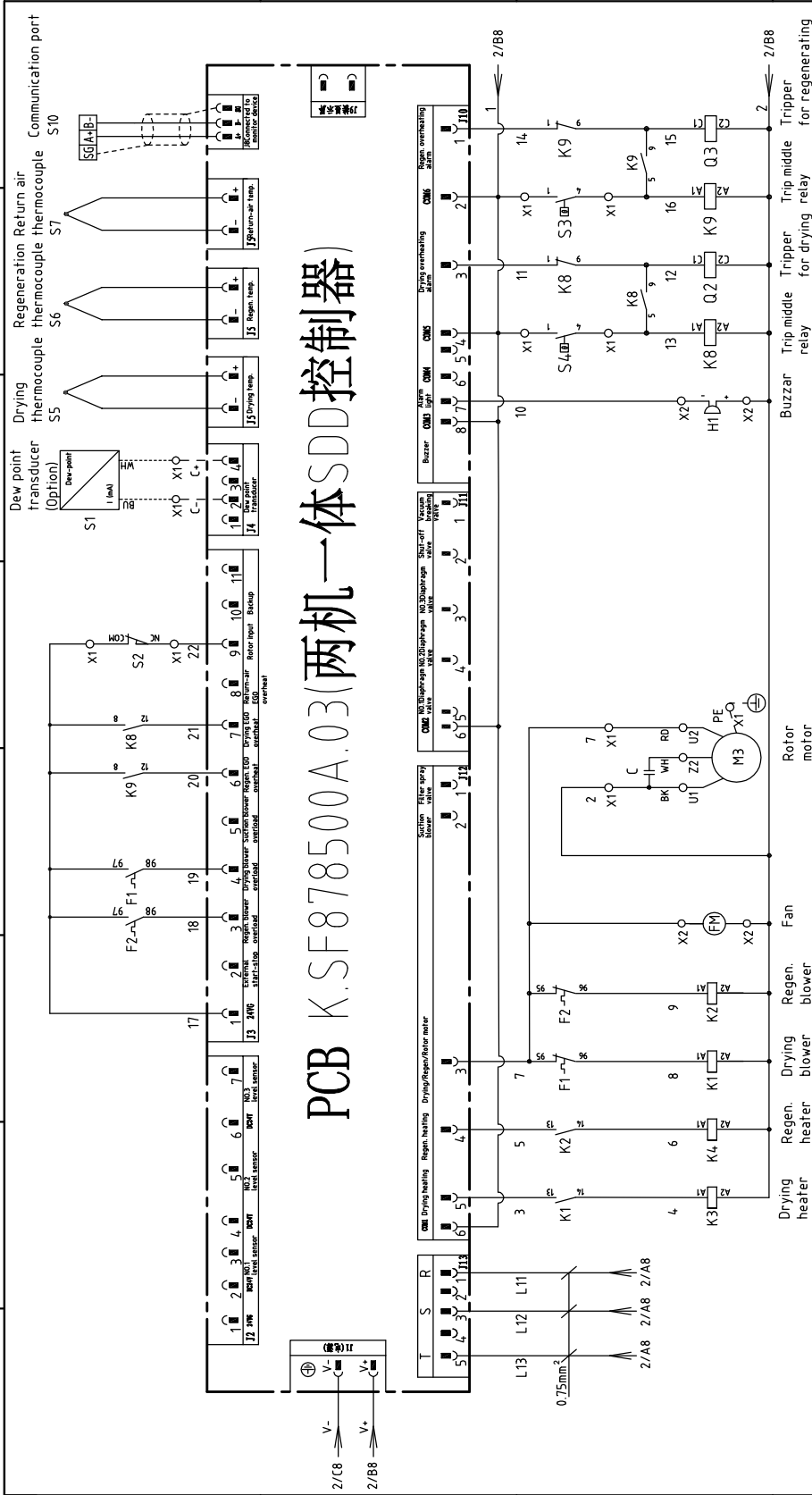
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SDD-120U(160U)/80H		SDD-120U(160U)/80H-CE-230V-G-2			2
Main Circuit Diagram 2				Standard	Totally 6 Pages
				CE	
Voltage					
		Frequency		230V	
		SHINI 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		50Hz	
Version		G			
Approved by					
Date		20180830			
Drawer					
Designer					
Proofread by					
Checked by					
Date					
Mark		Before modification		After modification	

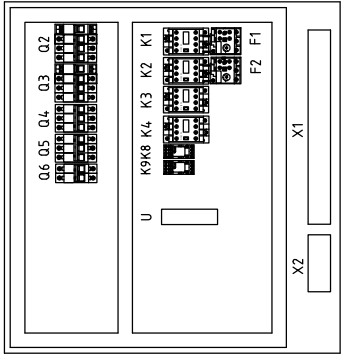
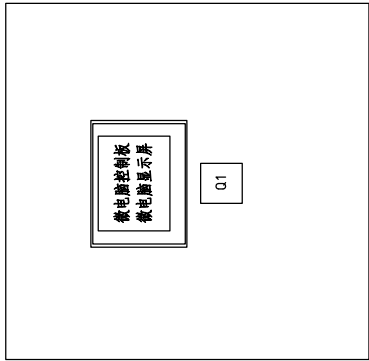
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PCB K.SF878500A.03(两机一体SDD控制器)

整机版本 Ver.D

Title		Drawing NO		Scale		Page	
SDD-120U(160U)/80H		SDD-120U(160U)/80H-CE-230V-G-3		Standard		3	
Control Circuit Diagram				CE		6	
Voltage		Frequency		230V		50Hz	
SHINI		信易电热机械股份有限公司		Shini Plastics Technologies, Inc.			
Mark		Before modification		After modification		Date	
20180830		20180830		20180830		20180830	
Modified by		Modified by		Modified by		Modified by	
Checked by		Checked by		Checked by		Checked by	
Proofread by		Proofread by		Proofread by		Proofread by	
Designer		Designer		Designer		Designer	
Drawer		Drawer		Drawer		Drawer	
Version		Version		Version		Version	
G		G		G		G	





X2

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

X1

PE	1	2	3	4	PE	5	6	7	PE	8	9	10	PE	11	12	13	PE	14	15	16	U1	V1	W1	PE	U2	V2	W2	PE	U5	V5	W5	PE	U4	V4	W4	PE	L1	L2	L3	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)																															

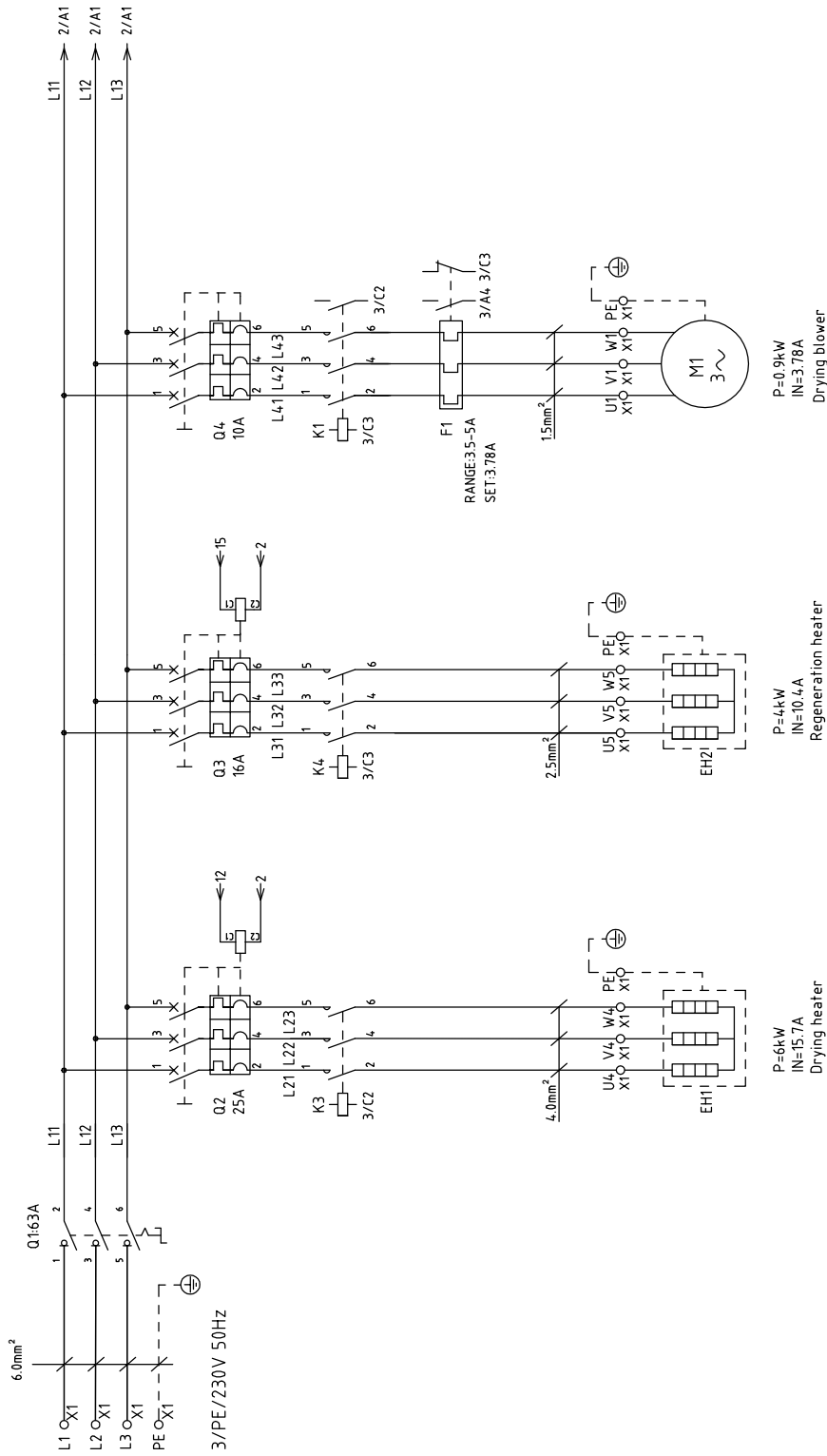
整机版本 Ver.D

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																		Voltage	
																		230V	
																		Frequency	
																		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	P1-32/EA/SVB	32A	1	YE10132320000	
2	Q2	Circuit-breaker	TECO	BM-63C 3P	16A	1	YE40301603000	
3	Q3	Circuit-breaker	TECO	BM-63C 3P	16A	1	YE40301603000	A
4		Excitation release	TECO	MX	220V 50/60Hz	2	YE40023560000	
5	Q4	Circuit-breaker	TECO	BM-63C 3P	10A	1	YE40301003000	
6	Q5	Circuit-breaker	TECO	BM-63C 3P	6A	1	YE40300603000	
7	Q7	Circuit-breaker	TECO	BM-63C 2P	3A	1	YE40200203000	
8	K1 K2	Contactor	SIEMENS	3RT6016-1AN21	220V 50/60Hz	2	YE00601621000	
9	K3	Contactor	SIEMENS	3RT6018-1AB01	220V 50/60Hz	1	YE00601802500	
10	K4	Contactor	SIEMENS	3RT6018-1AB01	220V 50/60Hz	1	YE00601802500	
11	K8 K9	Middle relay	WEIDMULLER	DRM270730LT	220V 50/60Hz	2	YE03270700000	B
12	F1	Thermo overload relay	SIEMENS	3RU6116-1FBO	35-5A	1	YE01160350000	
13	F2	Thermo overload relay	SIEMENS	3RU6116-1DB0	1.8-2.5A	1	YE01160180000	
14	PCB	Microcomputer control panel +Microcomputer screen	PUMP	K.SF878500A.03	24VDC	1	YE80878500100	
15	U	DC power	MEAN WELL	NES-35-24	OUT=DC24V 1.5A	1	YE71352400100	
16	H1	Buzzer	SHINI	PK-35A	220V 50/60Hz	1	YE84003500200	(1)
17	S1	Dew-point transducer	CS	CS 217-OEM	POWER=24VDC OUT=4-20mA	1	YE90021700100	(1)(2)
18	S2	Micro switch	TEND	----	250V 5(4)A	1	----	(1)
19	S3 S4	Temperature protector	EGO	WR-A-50-300-2500-3	250V 5(4)A	2	----	(1)
20	S5 S6 S7	Thermocouple	SHINI	ST-K	K	3	----	(1)
21	X1 X2	Terminal board	HONEYWELL	6mm ²		3	YE60000603200	
22		Terminal board	HONEYWELL	6mm ² PE		1	YE60000603500	
23		Terminal board	HONEYWELL	4mm ²		15	YE60000403200	
24		Terminal board	HONEYWELL	4mm ² PE		5	YE60000403500	
25		Terminal board	HONEYWELL	2.5mm ²	-	12	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		Drawing NO			Title			
					SDD-120U(160U)/80H			
					Electrical Components List 1			
					SDD-120U(160U)/80H-CE-230V-G-5			
					CE			
					Voltage			
					Frequency			
					230V			
					50Hz			
					Page 5			
					Totally 6			
					Pages			
					Shini 信易塑料机械股份有限公司			
					Shini Plastics Technologies, Inc.			
					Date			
					20180830			
					8			

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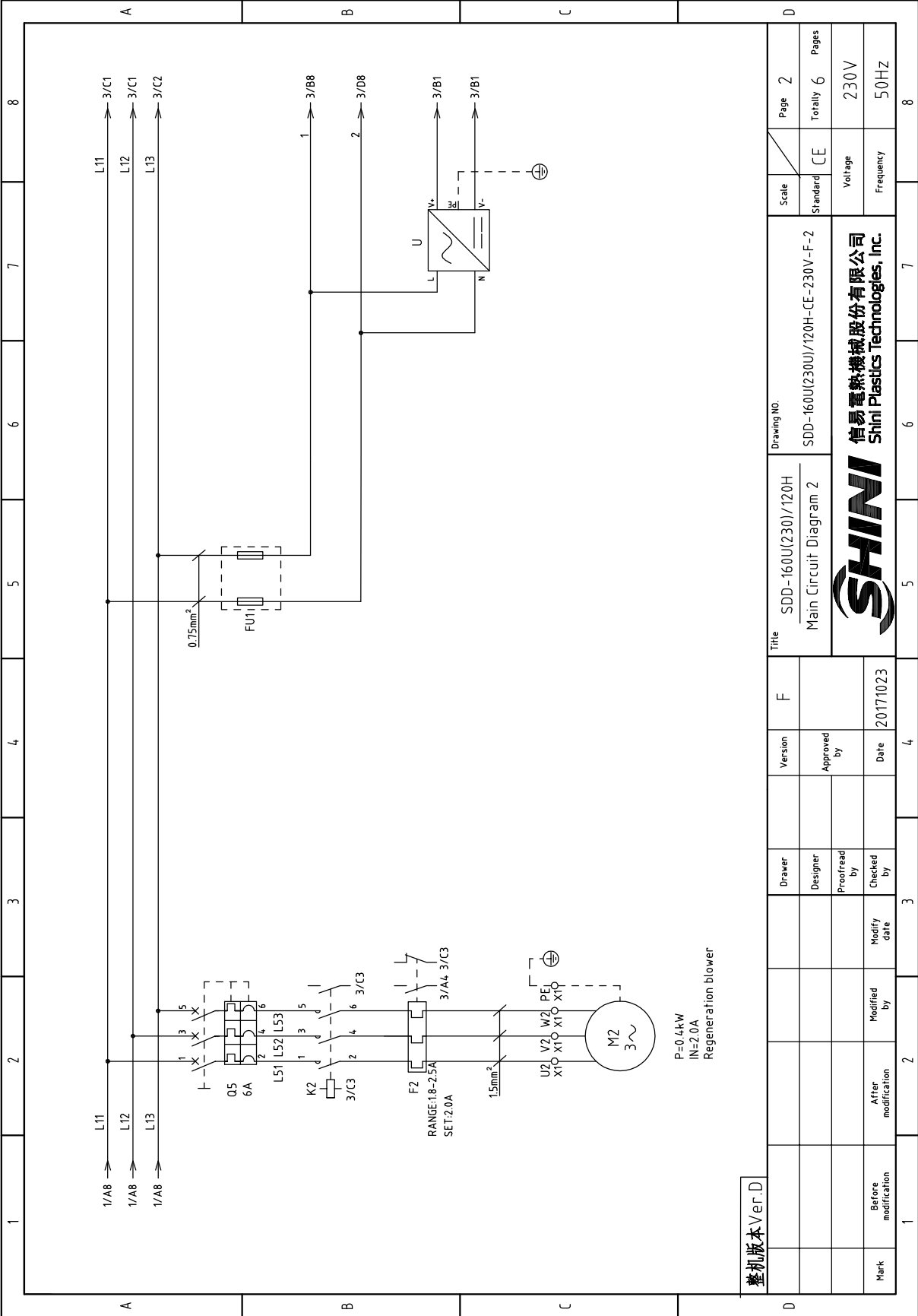


整机版本 Ver.D

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

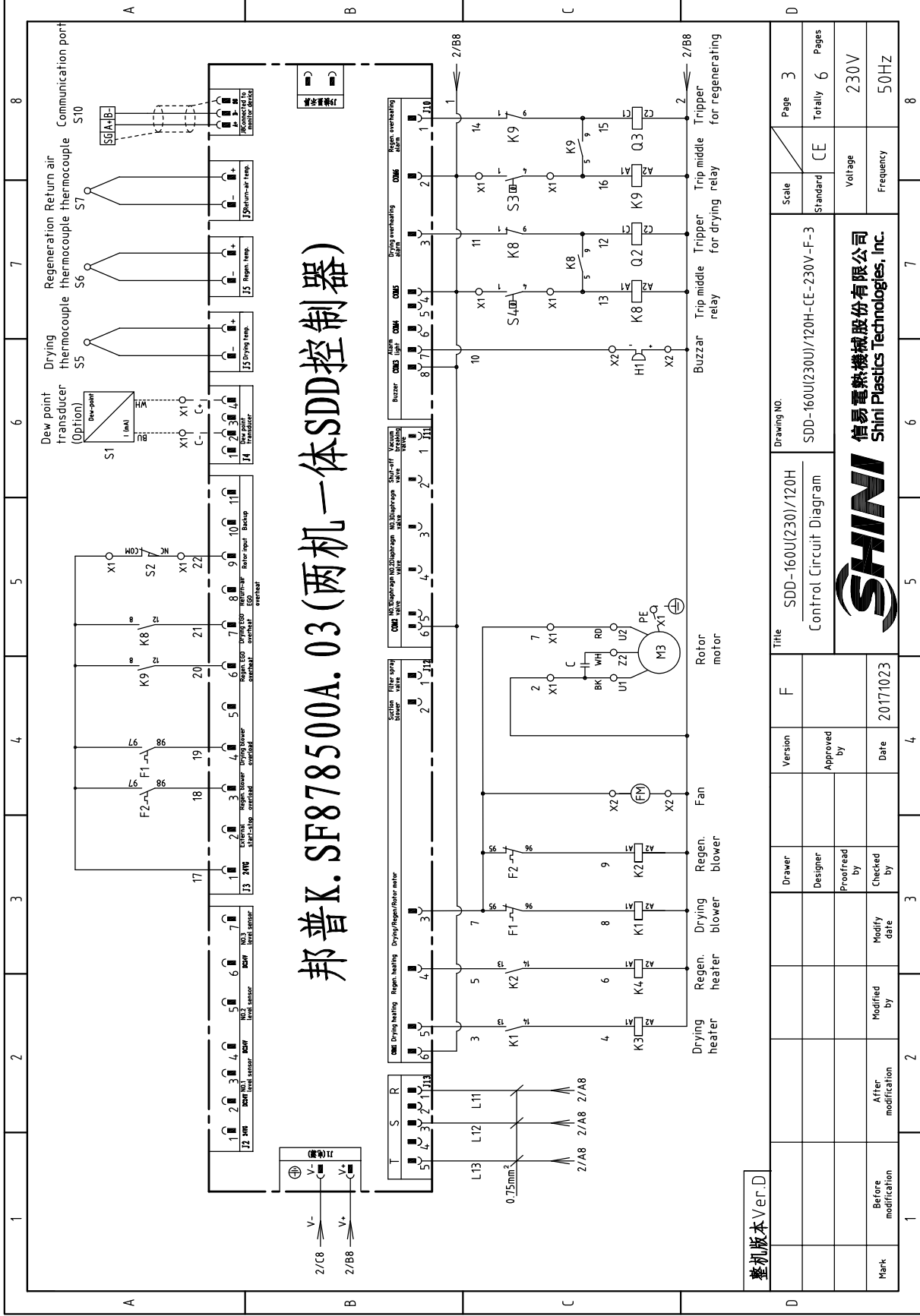


信易电热机械股份有限公司
Shini Plastics Technologies, Inc.



整机版本Ver.D

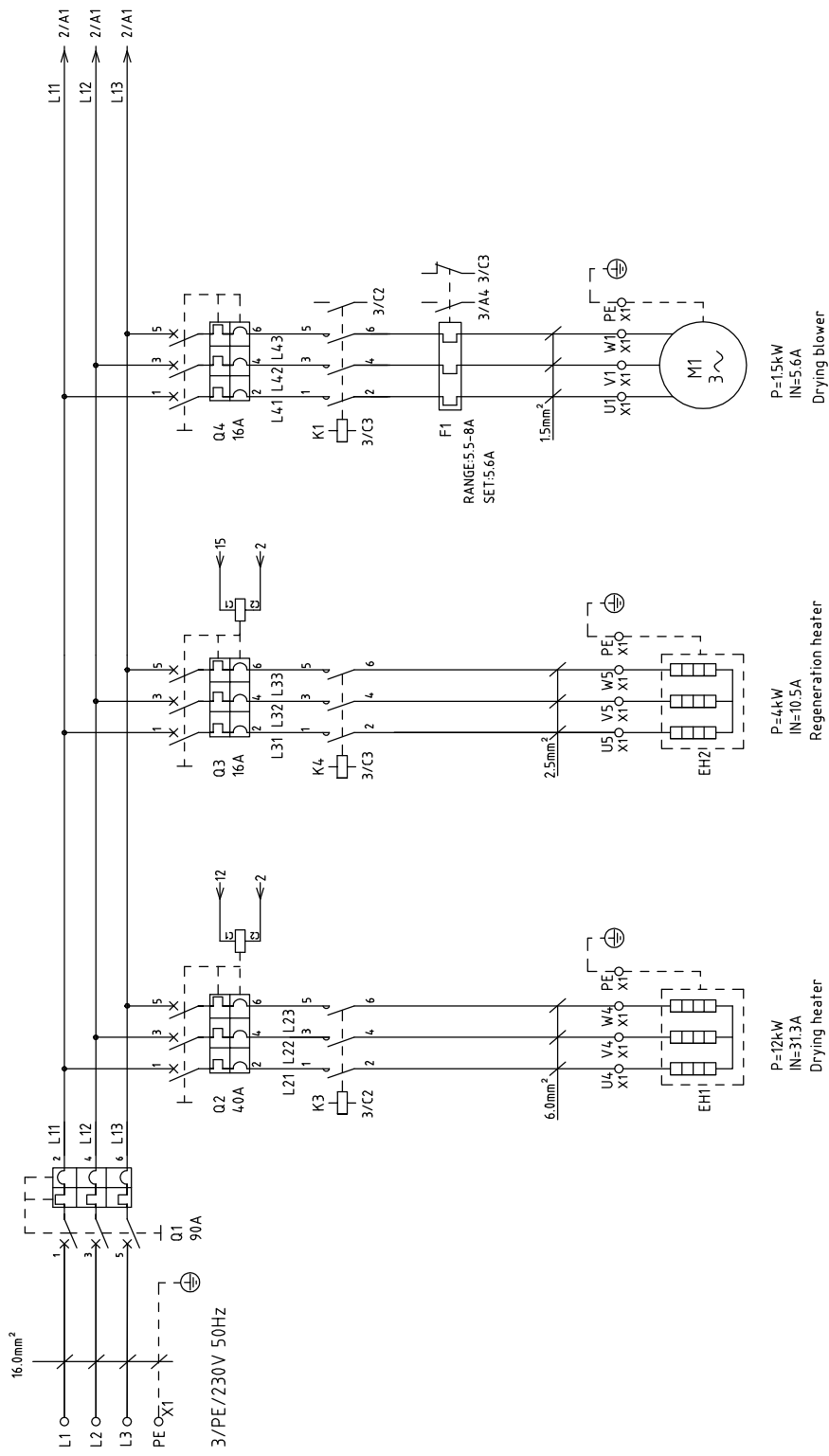
Title		Drawing NO.		Scale		Page	
SDD-160U(230V)/120H Main Circuit Diagram 2		SDD-160U(230V)/120H-CE-230V-F-2		CE		2	
Version		Approved by		Voltage		Totally 6	
Date		20171023		Frequency		230V	
Before modification		After modification		50Hz		8	



1		2	3	4	5	6	7	8
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark
1	Q1	Main switch	EATON	P3-63/EA/SVB 63A	63A	1	YE10636300000	
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	----	MX	230V 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	3RT6015-1AN21	7A 1NO 220V 50/60Hz	1	YE00601521000	
9	K3	Contactor	SIEMENS	3RT6026-1AN20	25A 220V 50/60Hz	1	YE00602622000	
10	K4	Contactor	SIEMENS	3RT6018-1AN21	16A 1NO 220V 50/60Hz	1	YE00601800000	
11	K8 K9	Relay+Base	WEIDMULLER	DRM270730L T	220V 50/60Hz	2	YE03270700000	B
12	F1	Overload relay	SIEMENS	3RU6116-1FB0	3.5-5A	1	YE01160350000	
13	F2	Overload relay	SIEMENS	3RU6116-1CB0	1.8-2.5A	1	YE01160180000	
14	PCB	Controller	PUMP	K.SF878500A.03	230V 50/60Hz	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	H1	Buzzer	HITPOINT	PK-35A	220V AC/DC	1	YE84003500200	
19	S1	Micro switch	CS	CS 217-0EM	POWER=24VDC OUT=4-20mA	1	YE90021700100	(1)(2)
20	S2	Position limit switch	---	YBLXW-5/11G2	250V 5(A)A	1	----	(1)
21	S3 S4	Temperature protector	---	組合體EGO	115-320℃ 55.13262.160	2	----	(1)
22	S5 S6 S7	Thermocouple	SHINI	-----	-----	3	----	(1)
23	X1	Terminal board	HOLLEYWELL	6mm ²	-	6	YE60000603200	
24		Terminal board	HOLLEYWELL	6mm ² PE	-	2	YE60000603500	
25		Terminal board	HOLLEYWELL	4mm ²	-	9	YE60000403200	
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-160U(230)/120H			SDD-160U(230U)/120H-CE-230V-F-5		CE	Page 5
		Electrical Components List 1			Standard		Voltage	Pages
							Frequency	Totally 6
Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date	20171023	
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	4mm ² PE	-	3	YE60000403500								
27		Terminal board	HOLLEYWELL	2.5mm ²	-	8	YE60002503200								
28		Terminal board	HOLLEYWELL	2.5mm ² PE	-	1	YE60002503400								
29		Terminal board	HOLLEYWELL	2.5mm ²	-	2	YE60002503200							(2)	
30	X2	Terminal board	HOLLEYWELL	2.5mm ²	-	4	YE60002503200								
31		Terminal board	HOLLEYWELL	2.5mm ² PE	-	1	YE60002503400								
32	FM	Fan	-----	12x12CM	230VAC/50/60HZ 40W	1	-----							(1)	
33	M1	Blower	SHINI	RB310	220-240V 0.9kW	1	-----							(1)	
34	M2	Blower	SHINI	RB205	220-240V 0.4kW	1	-----							(1)	
35	M3	Motor	----	3GN-10XK/3GN-60K/3IK15GN	C-T 220V 0.015kW	1	-----							(1)	
36	EH1	Pipe heater	SHINI	-----	230V 6.0kW	1	-----							(1)	
37	EH2	Pipe heater	SHINI	-----	230V 4kW	1	-----							(1)	
38		Terminal block E/GKseries(honeywell)	-----	-----	-----	4	YE60000003900								

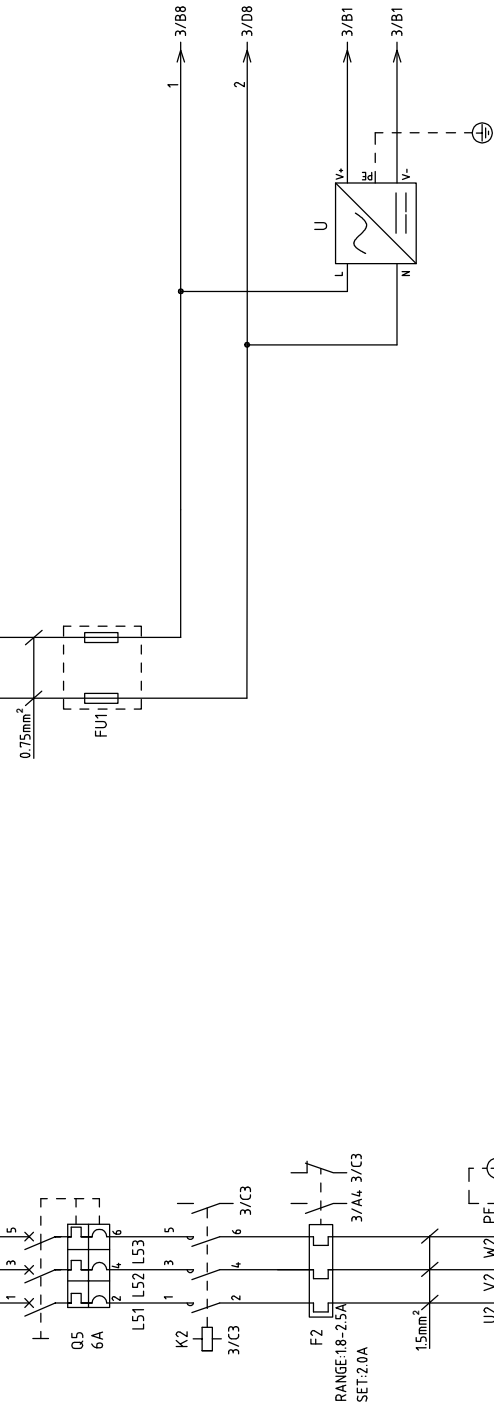
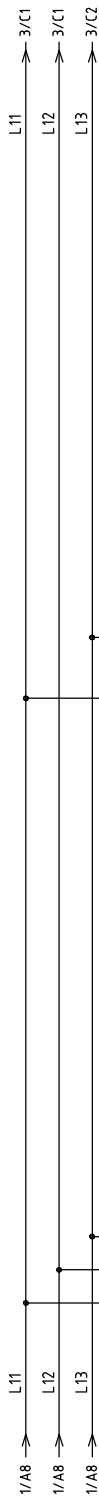


整机版本 Ver.D Note: Regeneration heater changed to 6kW when it is 60Hz

Title		Drawing NO.		Scale		Page	
SDD-300U(450U)/200H		SDD-300U(450U)/200H-CE-230V-F-1		CE		1	
Main Circuit Diagram 1				Standard		Totally 6	
				Voltage		230V	
				Frequency		50Hz	
Version		F		Date		20170929	
Before modification		After modification		Modified by		2	
Mark		Modified date		Checked by		3	
						4	
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信易电热机械股份有限公司
Shini Plastics Technologies, Inc.



整机版本 Ver.D

Mark		Before modification	After modification	Modified by	Modify date	Checked by	Proofread by	Designer	Drawer	Version	F	Title	Drawing NO.		Scale	Page
												SDD-300U(4.50U)/200H Main Circuit Diagram 2	SDD-300U(4.50U)/200H-CE-230V-F-2		Standard	2
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													Voltage			Pages
													Frequency			230V
																50Hz

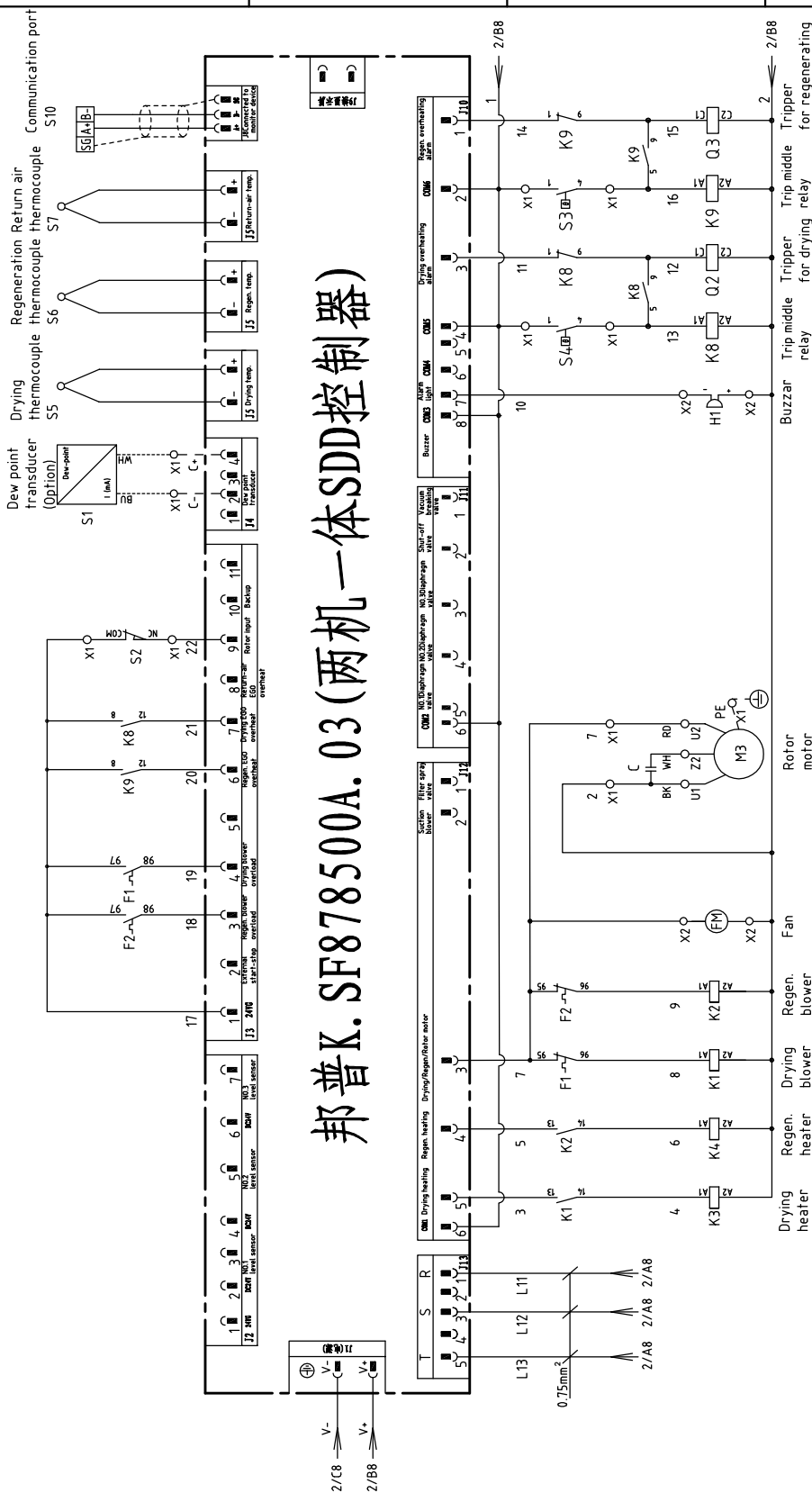


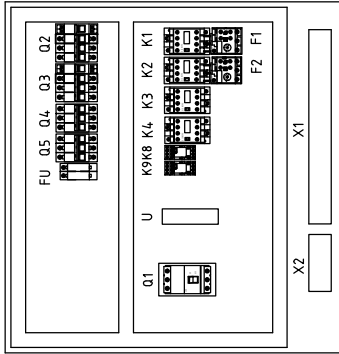
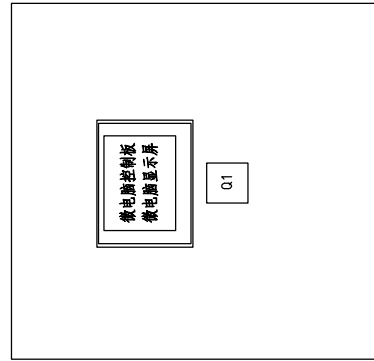
邦普K.SF878500A.03 (两机一体SDD控制器)

整机版本Ver.D

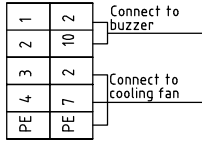
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SDD-3000U(450U)/200H Control Circuit Diagram		SDD-3000U(450U)/200H-CE-230V-F-3		Standard		CE	
Version		Approved by		Voltage		230V	
Date		20170929		Frequency		50Hz	
Mark		Before modification		After modification		Modified by	
Date		20170929		Checked by		Checked by	
Design		Proofread by		Total		6	
Drawn		Version		F		3	

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

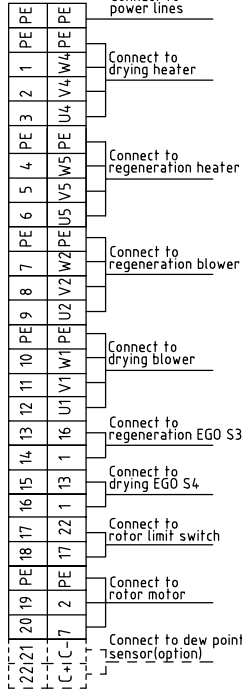




X2



X1



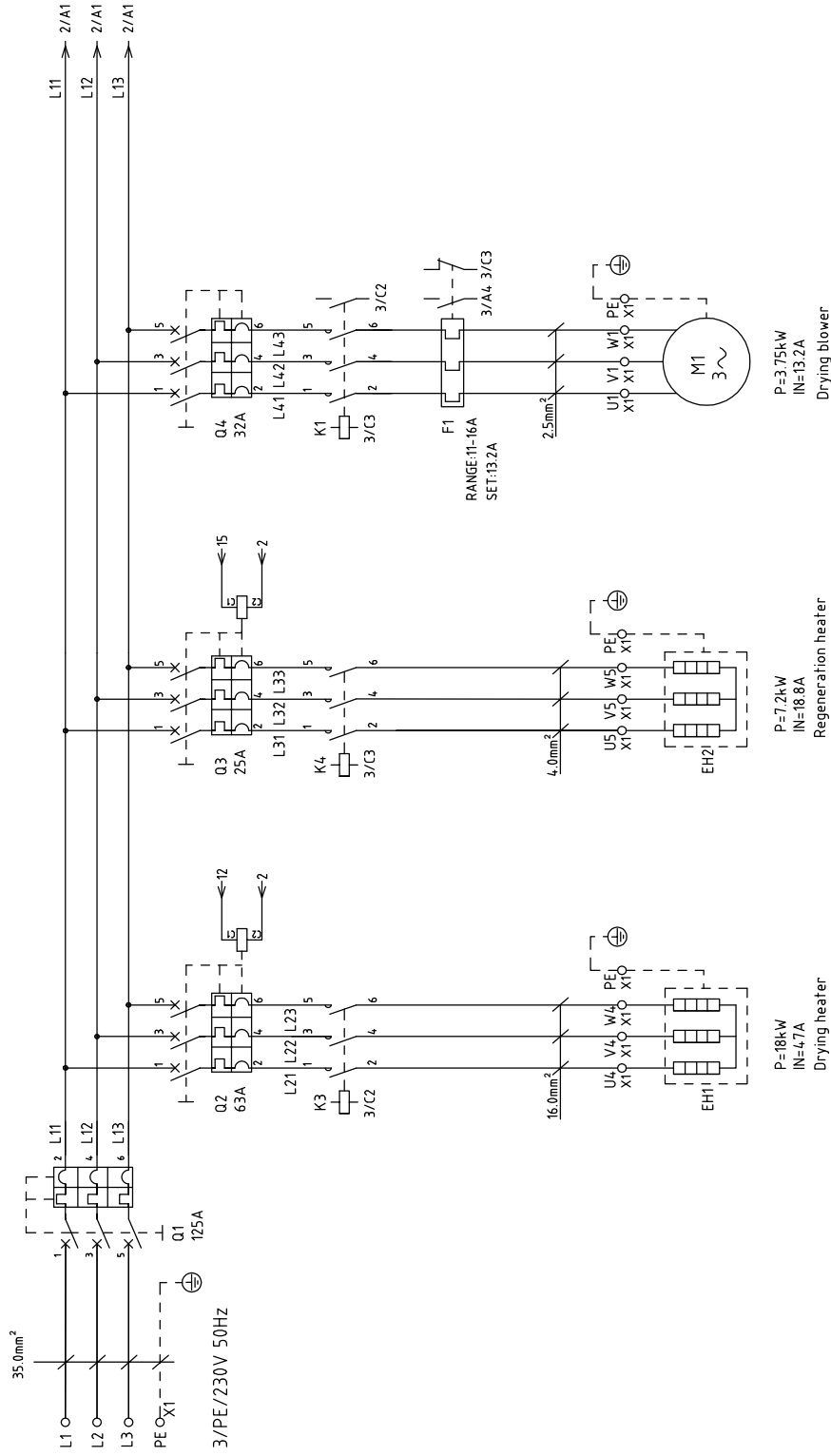
整机版本 Ver.D

Mark		Before modification	After modification	Modified by	Modify date	Proofread by	Designer	Drawer	Version	F	Title	Drawing NO.		Scale	Page	Pages	
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																CE	
																Voltage	
																Frequency	
																230V	
																50Hz	

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	A1A125TMF90	90A	1	YE41109200000								
2	Q2	Circuit-breaker	TECO	BM-63C/3040S 3P	40A	1	YE40304003000								
3	Q3 Q4	Circuit-breaker	TECO	BM-63C/3016S 3P	16A	2	YE40301603000	A							
4	Q5	Circuit-breaker	TECO	BM-63C/3006S 3P	6A	1	YE40300603000								
5		Excitation release	CHINT	MX	220V 50/60Hz	2	YE40023560000								
6	K1	Contactor	SIEMENS	3RT6016-1AN21	9A 1NO 220V 50/60Hz	1	YE00601621000								
7	K2	Contactor	SIEMENS	3RT6016-1AN21	9A 1NO 220V 50/60Hz	1	YE00601621000								
8	K3	Contactor	SIEMENS	3RT6028-1AN21	38A 220V 50/60Hz	1	YE00602822000								
9	K4	Contactor	SIEMENS	3RT6018-1AN21	16A 220V 50/60Hz	1	YE00601800000								
10	K8 K9	Relay	WEIDMULLER	DRM270730L T	220V 50/60Hz	2	YE03270700000								
11	F1	Overload relay	SIEMENS	3RU6116-1HB0	5.5-8A	1	YE01160550000	B							
12	F2	Overload relay	SIEMENS	3RU6116-1CB0	1.8-2.5A	1	YE01160180000								
13	PCB	Controller	PUMP	K.SF878500A.03	-----	1	YE80878500100								
14	U	DC power	MEAN WELL	ESA-35-24	OUT=DC24V 1.5A	1	YE71352400100								
15	FU1	Fuse base	CHINT	RT28-32	2P	1	YE410322200000								
16		Fuse	CHINT	10×38 500V	2A	2	YE460020000100								
17	H1	Buzzer	HITPOINT	PK-35A	220VAC	1	YE84003500200								
18	S1	Dew-point transducer	CS	CS 217-OEM	POWER=24VDC OUT=4-20mA	1	YE90021700100	(1)(2)							
19	S2	Micro switch	TEND	YBLXW-5/11G2	250V 5(4)A	1	----	(1)							
20	S3	Temperature protector	EGO	---	115-320 °C	1	----	(1)							
21	S4	Temperature protector	EGO	---	115-320 °C	1	----	(1)							
22	S5	Thermocouple	SHINI	ST-K	K	1	----	(1)							
23	S6 S7	Thermocouple	SHINI	ST-K	K	2	----	(1)							
24	X1	Terminal board	HOLLEYWELL	16mm ² PE	-	1	YE60001603500								
25		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.		Scale		Page		5		D			
		SDD-300U(450U)/200H		SDD-300U(450U)/200H-CE-230V-F-5		Standard		CE		Totally		6			
		Electrical Components List 1						Voltage		230V					
Mark		Before modification		After modification		Date		20170929		Frequency		50Hz			

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	-	9	YE60000403200								
28		Terminal board	HOLLEYWELL	4mm ² PE	-	3	YE60000403500								
29		Terminal board	HOLLEYWELL	2.5mm ²	-	8	YE60002503200								
30		Terminal board	HOLLEYWELL	2.5mm ² PE	-	1	YE60002503400								
31		Terminal board	HOLLEYWELL	2.5mm ²	-	2	YE60002503200	(2)							
32	X2	Terminal board	HOLLEYWELL	2.5mm ²	-	4	YE60002503200								
33		Terminal board	HOLLEYWELL	2.5mm ² PE	-	1	YE60002503400								
34	FM	Fan	SUNON	DP-200A	230VAC 40W	1	-----	(1)							
35	M1	Blower	SHINI	-----	230V 15kW	1	-----	(1)							
36	M2	Blower	SHINI	-----	230V 0.4kW	1	-----	(1)							
37	M3	Motor	-----	-----	230V 0.006kW	1	-----	(1)							
38	EH1	Pipe heater	SHINI	-----	230V 12kW	1	-----	(1)							
39	EH2	Pipe heater	SHINI	-----	230V 4kW	1	----- 50Hz机型	(1)							
40	EH2	Pipe heater	SHINI	-----	230V 6kW	1	----- 60Hz机型	(1)							
40	S10	Communication interface board RS-485 (double Dsub-9pin connector)	--	--	--	1	YE90048501200								
41		Shell RS485(SAL-700G-A-19)0	--	--	--	1	YR40048500000								
42		Terminal block E/GKseries(honeywell)			PCS	5	YE60000003900								



整机版本 Ver.C

Title		Drawing NO.		Scale		Page	
SDD-600U(750U)/400H		SDD-600U(750U)/400H-D-1		CE		1	
Main Circuit Diagram 1				Standard		Totally 6	
				Voltage		230V	
				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	Proofread by	Designer
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						20170929	
Drawer							
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5		6		7		8	

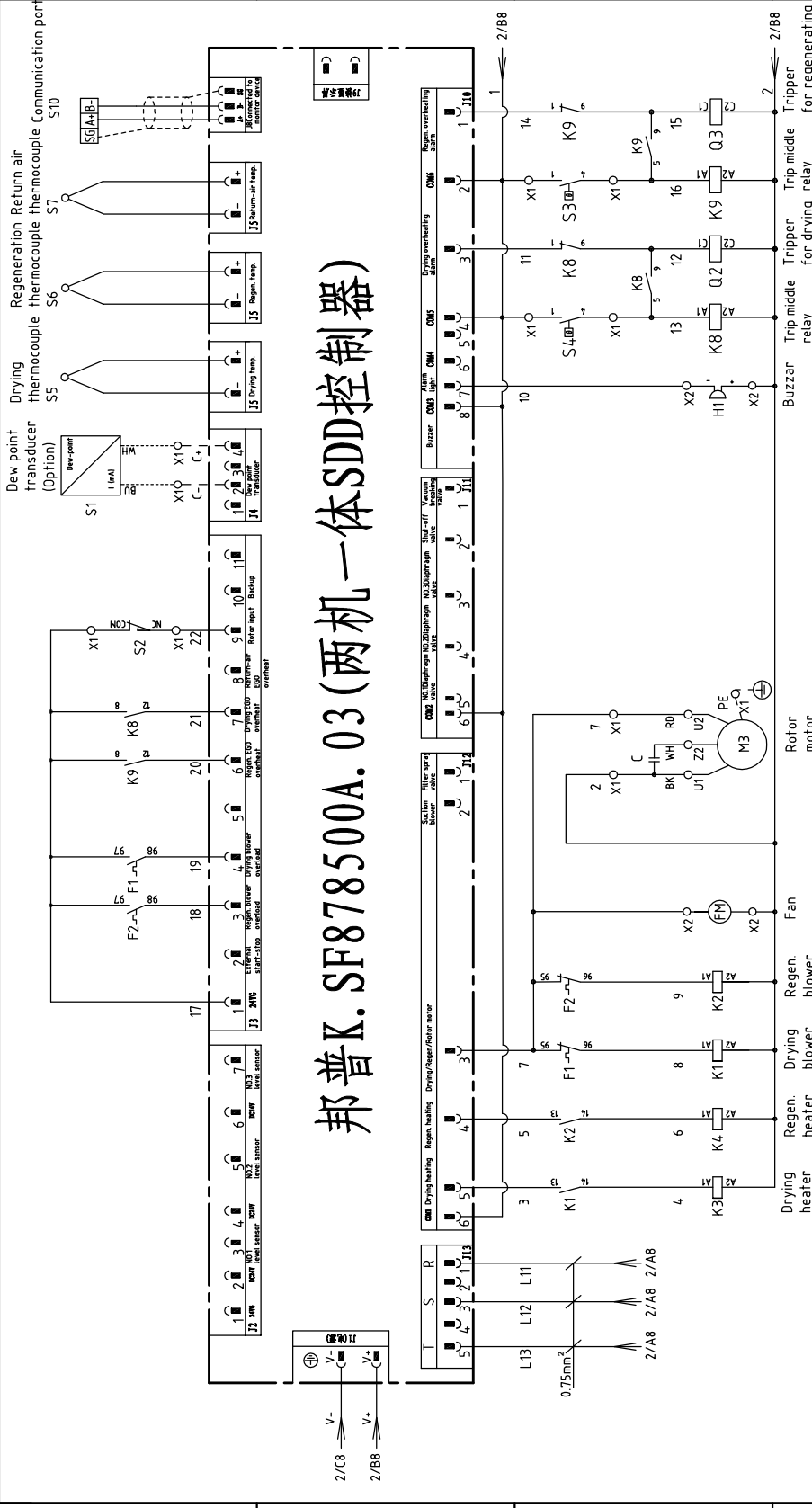
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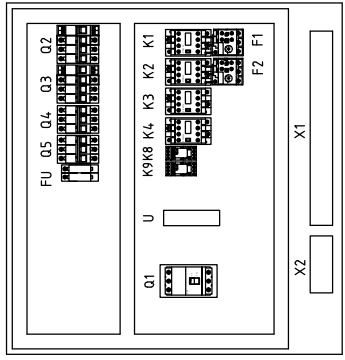
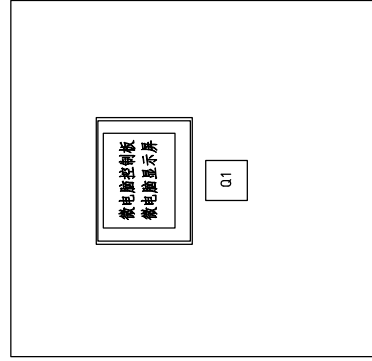
SHINI
信易電熱機械股份有限公司
Shini Plastics Technologies, Inc.

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 Control Circuit Diagram		SDD-600U(750U)/400H-CE-230V-D-3		Standard		CE	
SHINI 信易电热机械股份有限公司 Shini Plastics Technologies, Inc.		Voltage		230V		Frequency	
50Hz		Totally		6		Pages	
Mark		Before modification		After modification		Date	
Modified by		Checked by		Approved by		Version	
20170929		Date		20170929		Date	
2		3		4		5	
6		7		8		9	





X2

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

X1

22	21	20	19	PE	18	17	16	15	14	13	12	11	10	PE	9	8	7	PE	6	5	4	PE	3	2	1	PE	PE	Connect to power lines		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	Connect to drying heater	
31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	Connect to regeneration heater
61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	Connect to regeneration blower
91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	Connect to drying blower
121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	Connect to regeneration EGO S3
151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	Connect to drying EGO S4
181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	Connect to rotor limit switch
211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	Connect to rotor motor
241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	Connect to dew point sensor(option)

整机版本 Ver.C

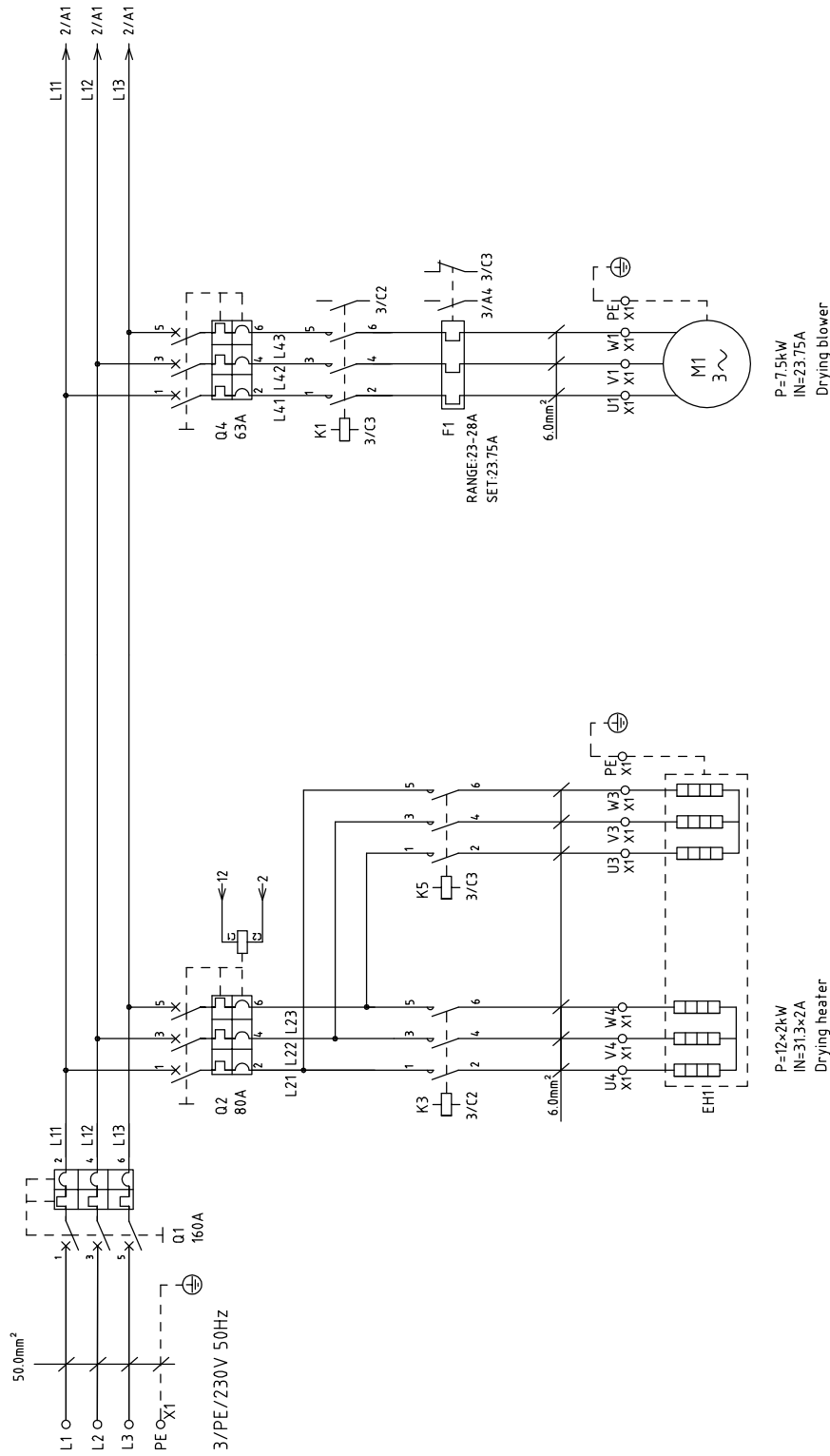
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								Checked by		20170929		SHINI	
								Modified by				信易電熱機械股份有限公司	
								Modify date				Shini Plastics Technologies, Inc.	
								After modification				Voltage	
								Before modification				Frequency	
								Mark				230V	
												50Hz	

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	YE411614.00000	
2	Q2	Circuit-breaker	TECO	BM-63C/3063S 3P	63A	1	YE40306303000	
3	Q3	Circuit-breaker	TECO	BM-63C/3025S 3P	25A	1	YE40302503000	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 1N0 220V 50/60Hz	1	YE00601621000	
9	K3	Contactor	SIEMENS	3RT5044-1AN20	65A 220V 50/60Hz	1	YE005044.00000	
10	K4	Contactor	SIEMENS	3RT6027-1AN21	32A 220V 50/60Hz	1	YE00602722000	
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	YE713524.00100	
16	FU1	Fuse base	CHINT	RT28-32	2P	1	YE41032200000	
17		Fuse	CHINT	10x38 500V	2A	2	YE46002000100	
18	H1	Buzzer	HITPOINT	PK-35A	220VAC	1	YE84003500200	
19	S1	Dew-point transducer	CS	CS 217-0EM	POWER=24VDC OUT=4-20mA	1	YE90021700100	C
20	S2	Micro switch	TEND	YBLXW-5/11G2	250V 5(4)A	1	-----	(1)
21	S3	Temperature protector	EGO	---	115-320 °C	1	-----	(1)
22	S4	Temperature protector	EGO	---	115-320 °C	1	-----	(1)
23	S5 S6 S7	Thermocouple	SHINI	ST-K	K	3	---	(1)
24	X1	Terminal board	HOLLEYWELL	35mm ² PE	-	1	YE60003503500	
25		Terminal board	HOLLEYWELL	16mm ²	-	3	YE61160000000	
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	
		SDD-600U(750U)/4.00H Electrical Components List 1			SDD-600U(750U)/4.00H-CE-230V-D-5		Standard	CE
		Version			D		Page	5
		Designer			Approved by		Totally	6
		Proofread by			Date		Voltage	230V
		Modified by			20170929		Frequency	50Hz
Mark		Before modification	After modification	Modify date	Checked by			
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Shini Plastics Technologies, Inc.

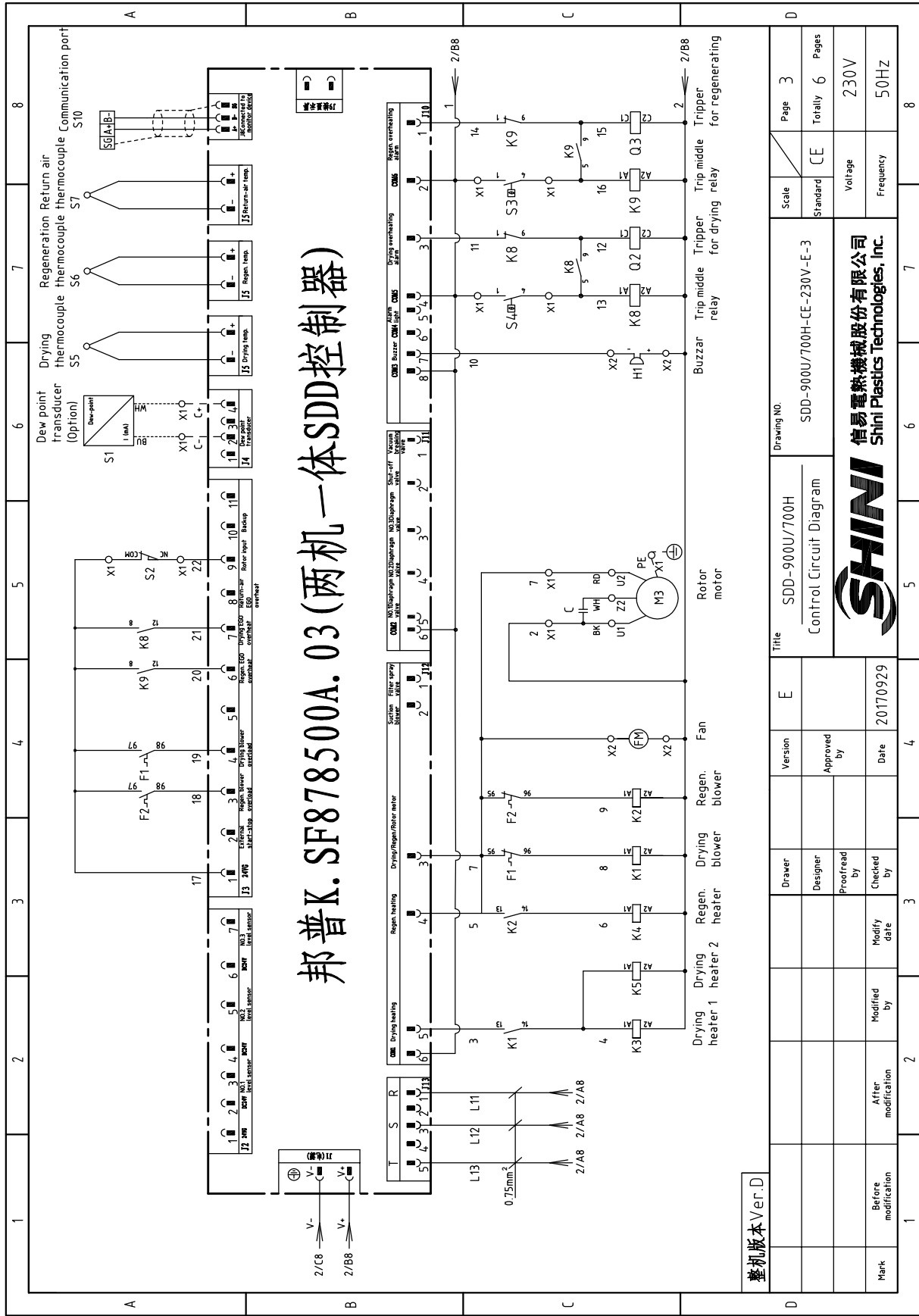
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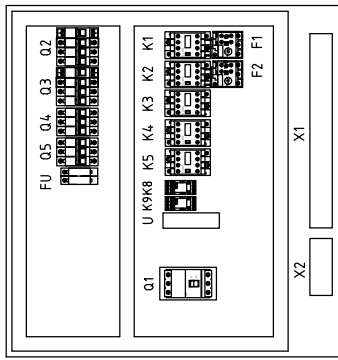
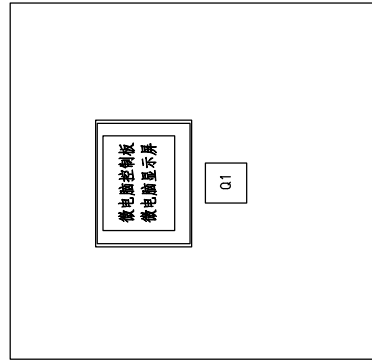


整机版本 Ver.D

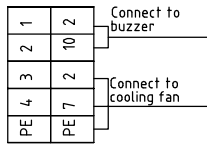
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														SDD-900U/700H-CE-230V-E-1				Totally	
																		6	
																		230V	
																		50Hz	
																		8	

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Shini Plastics Technologies, Inc.

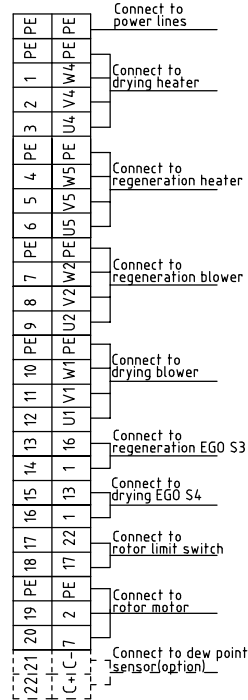




X2



X1



整机版本 Ver.D

		Scale		Page	4
		Standard		Totally	6
		Voltage		230V	
		Frequency		50Hz	
Title		Drawing NO.			
SDD-900U/700H		SDD-900U/700H-CE-230V-E-4			
Electrical Components Layout					
Version		Approved by			
Date		20170929			
Drawer		Designer			
Proofread by		Checked by			
Modified by		Modify date			
Before modification		After modification			
Mark					

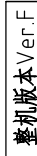
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信易电热机械股份有限公司
Shini Plastics Technologies, Inc.

1		2		3		4		5		6		7		8			
NO.		Symbol		Name		Manufacturer		Type		Specification		Number		Material number		Remark	
1		Q1		Breaker interlock		ABB		AZB250TMF160		160A		1		YE41161500000			
2		Q4		Circuit-breaker		TECO		BM-63C/3063S 3P		63A		1		YE40306303000			
3		Q5		Circuit-breaker		TECO		BM-63C/3016S 3P		16A		1		YE40301603000		A	
4		Q2		Circuit-breaker		TECO		BM-100D/3080S 3P		80A		1		YE40308003000			
5		Q3		Circuit-breaker		TECO		BM-63C/3040S 3P		40A		1		YE40304003000			
6				Excitation release		CHINT		MX		220V 50/60Hz		2		YE40023560000			
7		K1		Contactor		SIEMENS		3RT6027-1AN21		32A 220V 50/60Hz		1		YE00602722000			
8		K2		Contactor		SIEMENS		3RT6016-1AN21		9A 220V 50/60Hz		1		YE00601621000			
9		K3 K5		Contactor		SIEMENS		3RT6028-1AN21		38A 220V 50/60Hz		2		YE00602822000			
10		K4		Contactor		SIEMENS		3RT6028-1AN21		38A 220V 50/60Hz		1		YE00602822000			
11		K8 K9		Relay		WEIDMULLER		DRM270730L T		220V 50/60Hz		2		YE03270700000		B	
12		F1		Overload relay		SIEMENS		3RU6126-4NB0		23-28A		1		YE01612620000			
13		F2		Overload relay		SIEMENS		3RU6116-1HB0		5.5-8A		1		YE01160550000			
14		PCB		Controller		PUMP		K.SF878500A.03		-----		1		YE80878500100			
15		U		DC power		MEAN WELL		ESA-35-24		OUT=DC24V 15A		1		YE71352400100			
16		FU1		Fuse base		CHINT		RT28-32		2P		1		YE41032200000			
17				Fuse		CHINT		10×38 500V		2A		2		YE46002000100			
18		H1		Buzzer		HITPOINT		PK-35A		220VAC		1		YE84003500200			
19		S1		Dew-point transducer		CS		CS 217-OEM		POWER=24VDC OUT=4-20mA		1		YE90021700100		C (1)(2)	
20		S2		Micro switch		TEND		YBLXW-5/11G2		250V 5(4)A		1		----		(1)	
21		S3		Temperature protector		EGO		---		115-320 °C		1		----		(1)	
22		S4		Temperature protector		EGO		---		115-320 °C		1		----		(1)	
23		S5 S6 S7		Thermocouple		SHINI		ST-K		K		3		----		(1)	
24		X1		Terminal board		HOLLEYWELL		70mm ² PE		-		1		YE61070000000			
25				Terminal board		HOLLEYWELL		6mm ²		-		12		YE600060603200			
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	
						Drawer		Version		E		Title		Drawing NO.		D	
						Designer				Approved by		SDD-900U/700H		SDD-900U/700H-CE-230V-E-5		Page 5	
						Proofread by						Electrical Components List 1		Standard		CE	
Mark		Before modification		After modification		Modified by		Date		20170929				Voltage		230V	
						Checked by								Frequency		50Hz	
1		2		3		4		5		6		7		8			
																信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.	

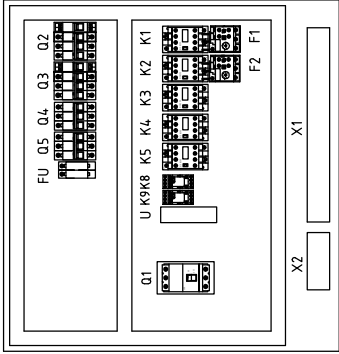
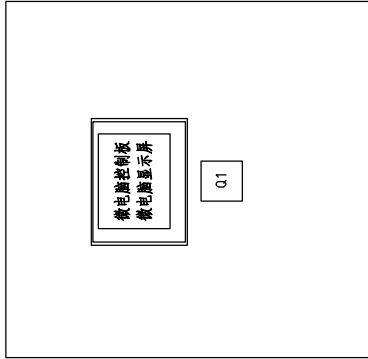


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No.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark							
26		Terminal board	HOLLEYWELL	6mm ² PE	-	3	YE60000603500								
27		Terminal board	HOLLEYWELL	4mm ²	-	3	YE60000403200								
28		Terminal board	HOLLEYWELL	4mm ² PE	-	1	YE60000403500								
29		Terminal board	HOLLEYWELL	2.5mm ²	-	8	YE60002503200								
30		Terminal board	HOLLEYWELL	2.5mm ² PE	-	1	YE60002503400								
31		Terminal board	HOLLEYWELL	2.5mm ²	-	2	YE60002503200	(2)							
32	X2	Terminal board	HOLLEYWELL	2.5mm ²	-	4	YE60002503200								
33		Terminal board	HOLLEYWELL	2.5mm ² PE	-	1	YE60002503400								
34	FM	Fan	SUNON	DP-200A	230VAC 40W	1	-----	(1)							
35	M1	Blower	SHINI	-----	230V 7.5kW	1	-----	(1)							
36	M2	Blower	SHINI	-----	230V 15kW	1	-----	(1)							
37	M3	Motor	----	-----	230V 0.015kW	1	-----	(1)							
38	EH1	Pipe heater	SHINI	-----	230V 24kW	1	-----	(1)							
39	EH2	Pipe heater	SHINI	-----	230V 10kW	1	-----	(1)							
40	S10	Communication interface board RS-485 (double Dsub-9pin connector)	--	--	--	1	YE90048501200								
41		Shell RS485(SAL-700G-A-19)0	--	--	--	1	YR40048500000								
42		Terminal block E/GKseries(honeywell)			PCS	5	YE60000003900								
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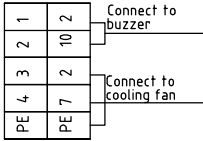


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							Version
							E
Title				Drawing NO.			
SDD-1200U/700H				SDD-1200U/700H-CE-230V-E-2			
Main Circuit Diagram 2				Scale			
				Standard			
				Voltage			
				Frequency			
				230V			
				50Hz			
 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.							
				CE			
				Page 2			
				Totally 6 Pages			

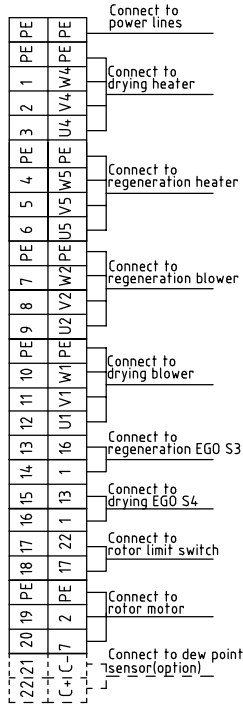
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X2



X1



整机版本 Ver.F

Title		Drawing NO.		Scale	Page	4
SDD-1200U/700H		SDD-1200U/700H-CE-230V-E-4		Standard	Totally	6
Electrical Components Layout				CE	Voltage	230V
					Frequency	50Hz
Version		E				
Approved by						
Date		20170929				
After modification						
Before modification						
Mark						

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

1		2		3		4		5		6		7		8											
NO.		Symbol		Name		Manufacturer		Type		Specification		Number		Material number		Remark									
1		Q1		Breaker interlock		ABB		AZB250TMF160		160A		1		YE4.1161500000											
2		Q4		Circuit-breaker		TECO		BM-63C/3063S 3P		63A		1		YE4.0306303000											
3		Q5		Circuit-breaker		TECO		BM-63C/3016S 3P		16A		1		YE4.0301603000		A									
4		Q2		Circuit-breaker		TECO		BM-100D/3080S 3P		80A		1		YE4.0308003000											
5		Q3		Circuit-breaker		TECO		BM-63C/304.0S 3P		4.0A		1		YE4.0304003000											
6				Excitation release		CHINT		MX		220V 50/60Hz		2		YE4.0023560000											
7		K1		Contactor		SIEMENS		3RT6027-1AN21		32A 220V 50/60Hz		1		YE00602722000											
8		K2		Contactor		SIEMENS		3RT6016-1AN21		9A 220V 50/60Hz		1		YE00601621000											
9		K3 K5		Contactor		SIEMENS		3RT6028-1AN21		38A 220V 50/60Hz		2		YE00602822000											
10		K4		Contactor		SIEMENS		3RT6028-1AN21		38A 220V 50/60Hz		1		YE00602822000											
11		K8 K9		Relay		WEIDMULLER		DRM270730LT		220V 50/60Hz		2		YE03270700000		B									
12		F1		Overload relay		SIEMENS		3RU6126-4NB0		23-28A		1		YE01612620000											
13		F2		Overload relay		SIEMENS		3RU6116-1HB0		5.5-8A		1		YE01160550000											
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		YE4.10322200000											
17				Fuse		CHINT		10x38 500V		2A		2		YE46002000100											
18		H1		Buzzer		HITPOINT		PK-35A		220VAC		1		YE84.003500200											
19		S1		Dew-point transducer		CS		CS 217-OEM		POWER=24VDC OUT=4-20mA		1		YE90021700100		C									
20		S2		Micro switch		TEND		YBLXW-5/11G2		250V 5(4)A		1		-----		(1)									
21		S3		Temperature protector		EGO		---		115-320 °C		1		-----		(1)									
22		S4		Temperature protector		EGO		---		115-320 °C		1		-----		(1)									
23		S5 S6 S7		Thermocouple		SHINI		ST-K		K		3		-----		(1)									
24		X1		Terminal board		HOLLEYWELL		70mm²PE		-		1		YE61070000000											
25				Terminal board		HOLLEYWELL		6mm²		-		12		YE60000603200											
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		5					
						Designer		Approved by				SDD-1200U/700H		SDD-1200U/700H-CE-230V-E-5		Standard		CE		Totally		6		Pages	
						Proofread by						Electrical Components list 1				Voltage				230V					
Mark		Before modification		After modification		Modified by		Modify date		Date		20170929				Frequency				50Hz					
1		2		3		4		5		6		7		8											
														信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.											

1		2	3	4	5	6	7	8
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37	M3	Motor	----	-----	230V 0.015kW	1	-----	(1)
38	EH1	Pipe heater	SHINI	-----	230V 24kW	1	-----	(1)
39	EH2	Pipe heater	SHINI	-----	230V 10kW	1	-----	(1)
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41		Shell RS485(SAL-700G-A-1910)	--	--	--	1	YR40048500000	
42		Terminal block E/GKseries(honeywell)			PCS	5	YE60000003900	
整別版本 Ver.F		Notes: (1)Means it's not the material inside the control box. (2)Stands for optional dew-point monitor						
				Version	E	Title		Drawing NO.
		Drawer				SDD-1200U/700H		SDD-1200U/700H-CE-230V-E-6
		Designer		Approved by		Electrical Components List 2		Standard
		Proofread by						CE
		Checked by		Date	20170929			Voltage
Mark	Before modification	After modification	Modified by	Modify date				Frequency
1	2	3	4	5	6	7	8	
						Page		6
						Totally		6
						Pages		
								230V
								50Hz

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