
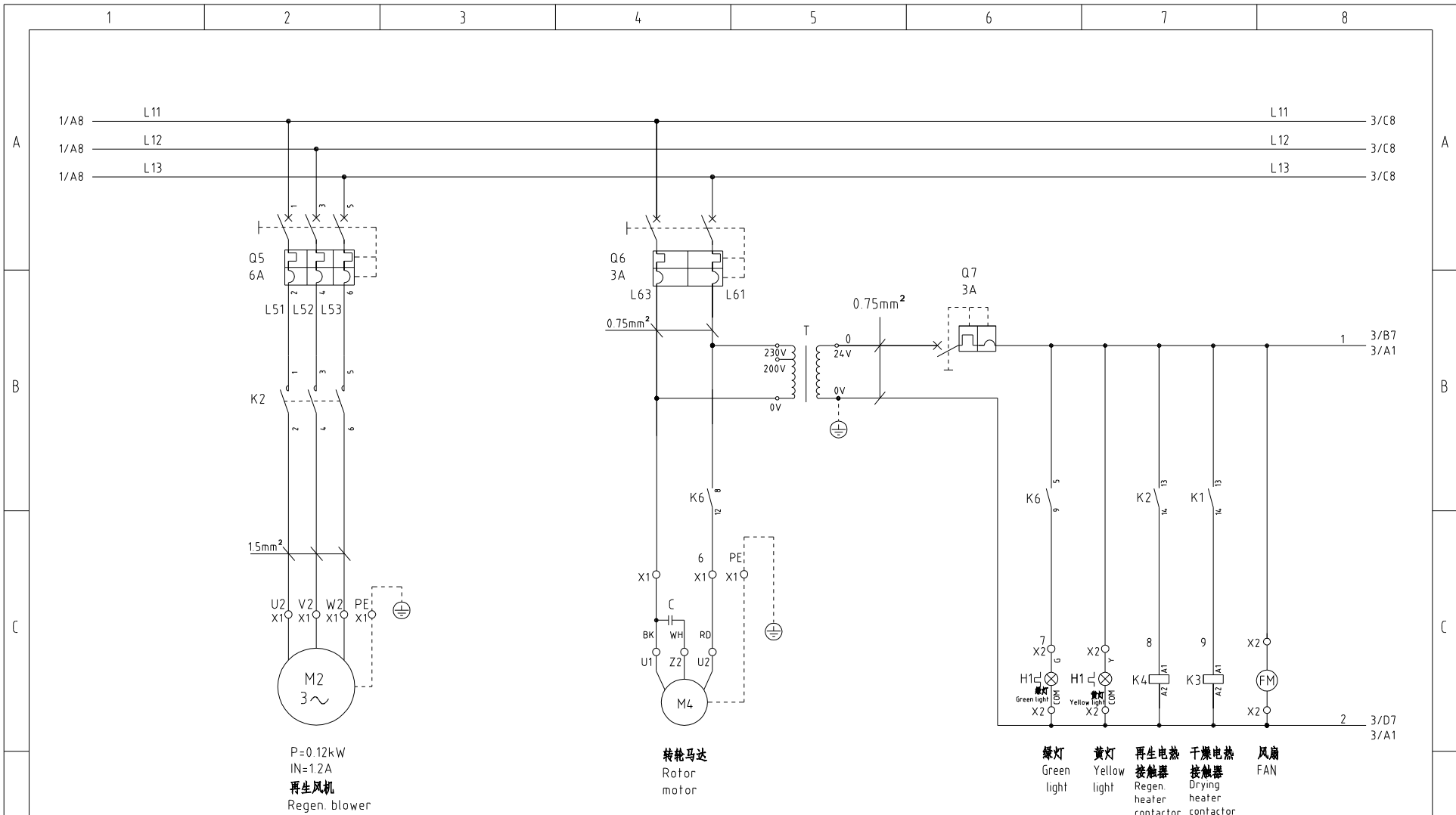


机型版本 Ver.G

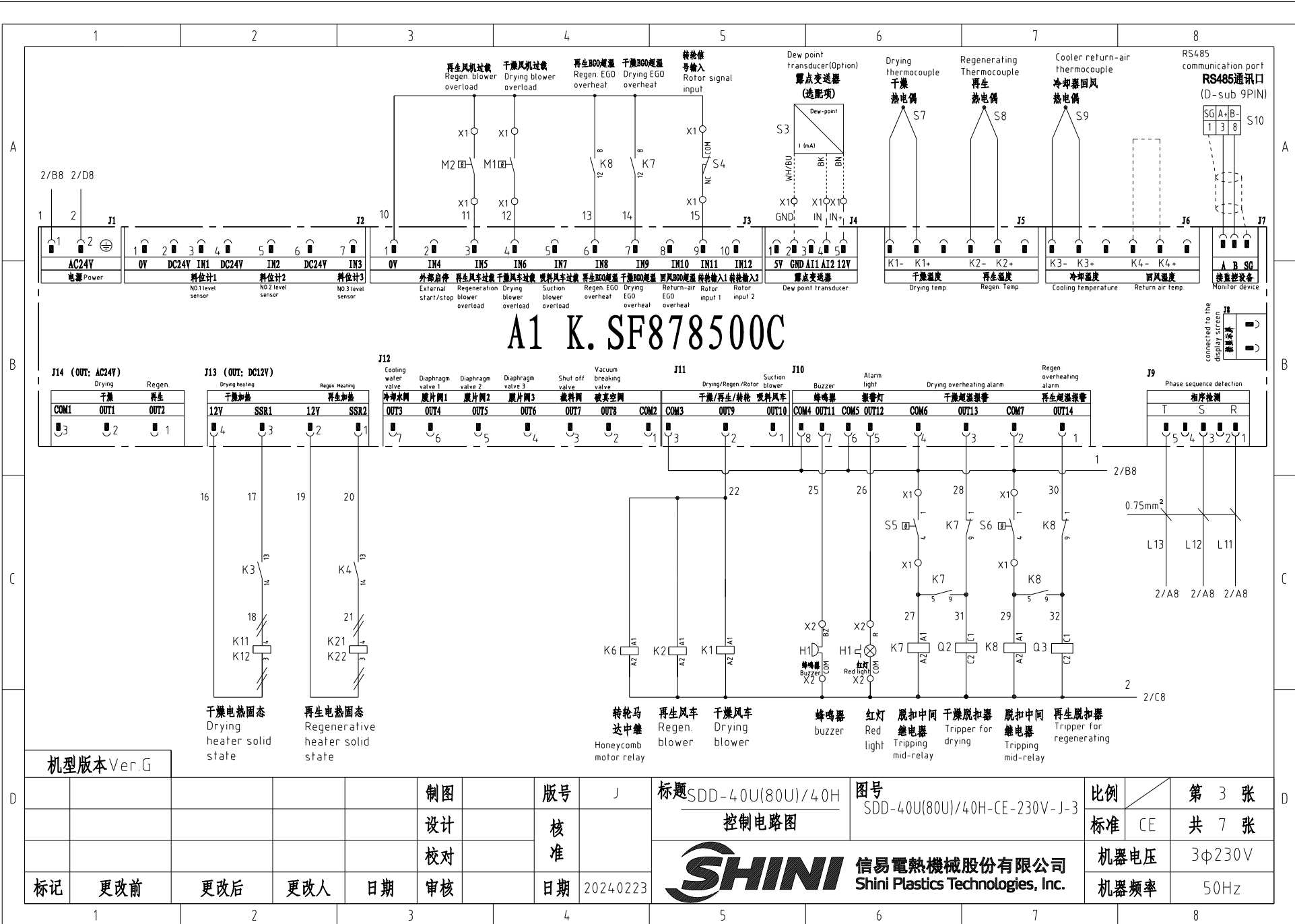
				制图	版号	J	标题	SDD-40U(80U)/40H 主电路图一	图号	SDD-40U(80U)/40H-CE-230V-J-1	比例	第 1 张
				设计	核准		 <b>信易電熱機械股份有限公司</b> <b>Shini Plastics Technologies, Inc.</b>	标准	CE	共 7 张		
				校对	日期	2024.02.23		机器电压	3φ230V			
标记	更改前	更改后	更改人	日期	审核		机器频率	50Hz				

1 2 3 4 5 6 7 8




机型版本 Ver.G

				制图	版号	J	标题	SDD-40U(80U)/40H 主电路图二	图号	SDD-40U(80U)/40H-CE-230V-J-2	比例	第 2 张
				设计	核准		<b>信易电热机械股份有限公司</b> Shini Plastics Technologies, Inc.	标准	CE	共 7 张		
				校对	日期	2024.02.23		机器电压	3φ230V			
标记	更改前	更改后	更改人	日期	审核	日期	机器频率	50Hz				



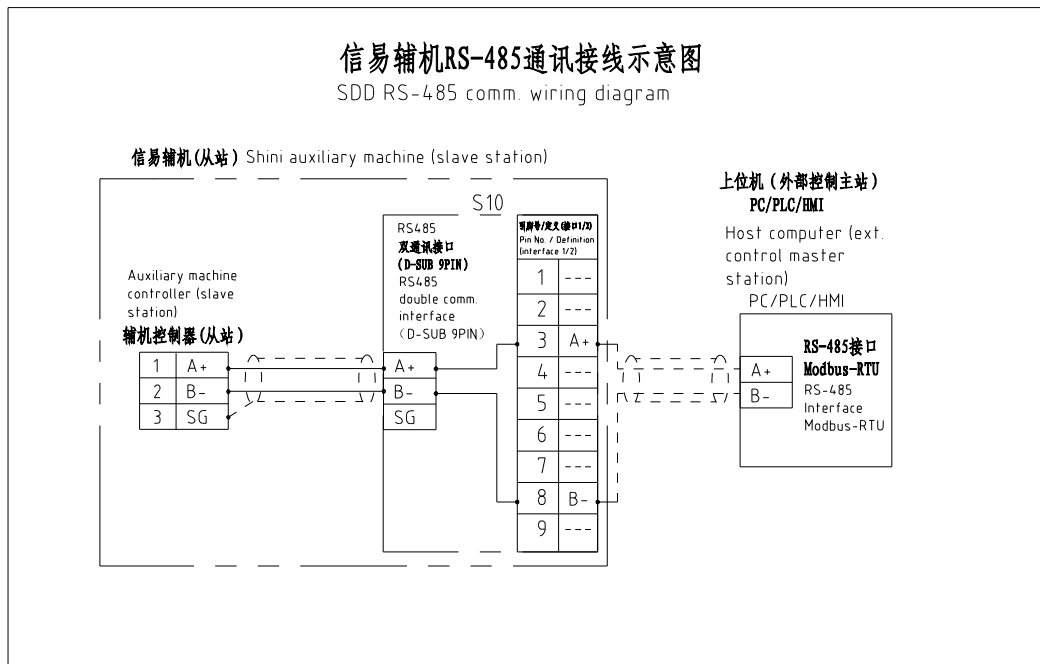
# A1 K.SF878500C

机型版本 Ver.G

						制图	版号	J	标题	SDD-40U(80U)/40H	图号	SDD-40U(80U)/40H-CE-230V-J-3	比例	第 3 张
						设计	核准		控制电路图		标准	CE	共 7 张	
						校对	核准		 <b>信易电热机械股份有限公司</b> Shini Plastics Technologies, Inc.		机器电压	3φ230V		
标记	更改前	更改后	更改人	日期	审核	日期	2024.02.23	机器频率			50Hz			

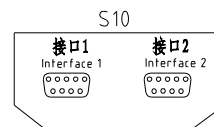
## 信易辅机RS-485通讯接线示意图

SDD RS-485 comm. wiring diagram



### 信易RS-485接口定义

Shini RS-485 interface definition



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

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

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

机型版本 Ver.G

制图		版号		标题		图号		比例		第 4 张	
设计		核 准		SDD-40U(80U)/40H		SDD-40U(80U)/40H-CE-230V-J-4		CE		共 7 张	
校对		日期		通讯接口接线图		SHINI 信易电热机械股份有限公司 Shini Plastics Technologies, Inc.		机器电压		3φ230V	
标记	更改前	更改后	更改人	日期	审核	日期	2024.02.23	机器频率		50Hz	

1

2

3

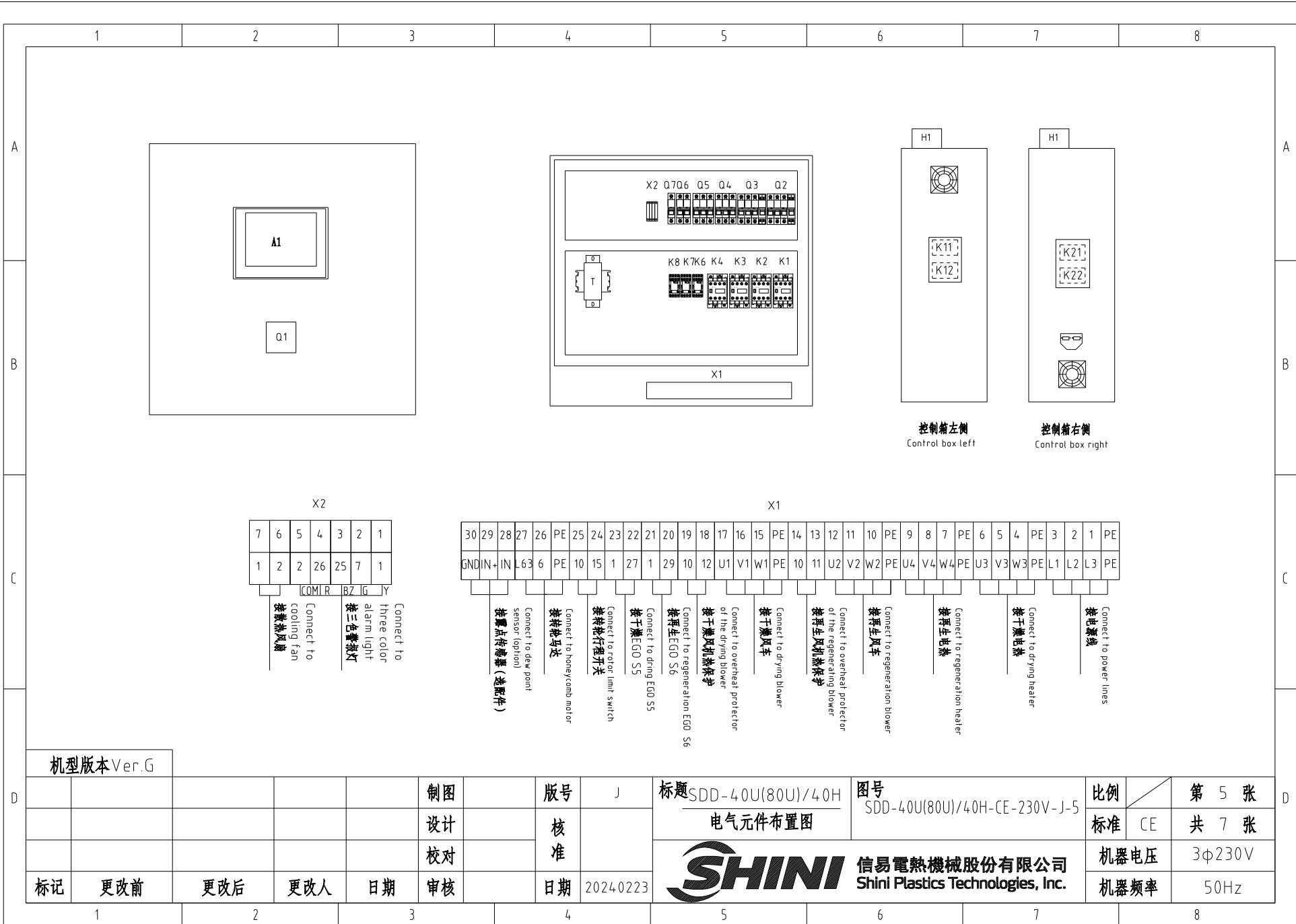
4

5


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7

8



机型版本 Ver.G

					制图		版本号	J	标题	SDD-40U(80U)/40H	图号	SDD-40U(80U)/40H-CE-230V-J-5	比例	第 5 张
					设计		核准		电气元件布置图				标准	CE
					校对		核准		 <b>信易电热机械股份有限公司</b> <b>Shini Plastics Technologies, Inc.</b>			机器电压	3φ230V	
标记	更改前	更改后	更改人	日期	审核		日期	2024.02.23		机器频率	50Hz			

1		2		3		4		5		6		7		8		
序号/NO	符号/Symbol	名称/Name		制造商/Manufacturer		型号/Type		规格/Specification		单位/unit	数量/Number	物料编号/Material number		备注/Remark		
A	1	Q1	主电源开关/Main power switch		EATON		P1-25/EA/SVB/25A		25A		PCS	1	YE10125250000			
	2	Q2 Q3	断路器/Circuit-breaker		TECO		BM-63C/3016S 3P		16A		PCS	2	YE40301603000			
	3	Q4 Q5	断路器/Circuit-breaker		TECO		BM-63C/3006S 3P		6A		PCS	2	YE40300603000			
	4	Q6	断路器/Circuit-breaker		TECO		BM-63C/2003S 3A 2P		3A		PCS	1	YE40200203000			
	5	Q7	断路器/Circuit-breaker		TECO		BM-63C/1003S 3A 1P		3A		PCS	1	YE40100203000			
	6		励磁脱扣器/Excitation release		TECO		MX		24V 50/60Hz		PCS	2	YE40024000000			
	7	K1 K2 K3 K4	接触器/Contactor		SIEMENS		3RT6015-1AB01-24VAC		24V 50/60Hz		PCS	4	YE00601502500			
B	8	K6 K7 K8	中间继电器/Middle Relay		Honeywell		GR-2C-AC24V 底座 base PGR-2C-E				PCS	3	YE03022400300			
	9	K11 K12 K21 K22	固态继电器/Solid state relay		FOTEK		KSR-40DA-H		40A/480VAC/4-32VDC		PCS	4	YE03404003200			
	10	T	互感变压器/Sensor Transformer		JIUXIN		IN=230V/200V OUT=24V 180VA				PCS	1	YE70023005400			
	11	A1	微电脑控制板+微电脑显示屏/PCB		PUMP		K.SF878500C		AC24V		PCS	1	YE80878501400			
	12	S3	露点变送器/Dew-point transducer		VAISALA		DMT141 IN=24VDC OUT=4-20mA				PCS	1	YE90014100100		(1) (2)	
	13	S10	通信接口板RS-485(双芯-4pin接口) Communication interface board RS-485 (double two-pin connector)		YUYUN		---		485ToDsub_V23		PCS	1	YE90048501200			
	14		外壳RS485(SAL-700G-A-19)0版 Shell RS485(SAL-700G-A-19)0		BINCHENG		---		---		PCS	1	YR40048500000			
C	15	H1	三色报警灯(红绿黄光优先顺序+蜂鸣器) 3-color alarm lamp (red, green, yellow lights + buzzer)		SHINI		优先级 Priority		24V 50/60Hz		PCS	1	BL90002401520		(1)	
	16	X1 X2	端子排/Terminal board		HONEYWELL		GK4		4mm <sup>2</sup>		PCS	19	YE60000403200			
	17		端子排/Terminal board		HONEYWELL		GK5PE		4mm <sup>2</sup> PE		PCS	5	YE60000403500			
	18		端子排/Terminal board		HONEYWELL		SK2 5		2.5mm <sup>2</sup>		PCS	18	YE60002503200			
	19		端子排/Terminal board		HONEYWELL		GK2 5PE		2.5mm <sup>2</sup> PE		PCS	1	YE60002503400			
	20		终端固定件E/GK系列 Terminal fittings E/GK series		HONEYWELL		---		E-GK		PCS	5	YE60000003900			
	--	S4	微动开关/Micro switch		CHOYI		CYLXW-5/11G2		AC380V DC220V			1	---		(1)	
--	S5 S6	组合体EGO/EGO assembly		EGO		55.13262.160		115-320°C			2	---		(1)		
--	S7,S8,S9	热电偶/Thermocouple		SHINI		---		K			3	---		(1)		
--	FM	风扇/Fan		SUNON		12×12CM/24V/50/60HZ		24VAC 40W			1	---		(1)		
--	M1	干燥风车/Drying blower		SHINI		A02-5622		230V 0.2kW 4寸			1	---		(1)		
机型版本 Ver.G		注: (1)表示非电控箱内材料; (2)表示选配露点变送器(-D); Notes: (1)Means it 's not the material inside the control box. (2)Optional dew point transducer(-D).														
D					制图		版本号 J		标题 SDD-40U(80U)/40H 电气元件明细表一		图号 SDD-40U(80U)/40H-CE-230V-J-6		比例		第 6 张	
					设计		核准						标准 CE		共 7 张	
					校对								机器电压		3φ230V	
	标记	更改前	更改后	更改人	日期	审核	日期	20240223	 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		机器频率		50Hz			
1		2		3		4		5		6		7		8		

1	2	3	4	5	6	7	8	
序号/NO	符号/Symbol	名称/Name	制造商/Manufacturer	型号/Type	规格/Specification	数量/Number	物料编号/Material number	备注/Remark
--	M2	再生风车/Regen. Blower	SHINI	A02-5622	230V 0.12kW 2.5寸	1	---	(1)
--	M3	转轮马达/Honeycomb motor	Dongli	31K15GN-C-T	220V 230V 0.015kW	1	---	(1)
--	EH1	干燥电热管/Drying pipe heater	SHINI	4KW 3Φ230V/400V共用	SD-40H-D-03~04(0版)	1	---	(1)
--	EH2	再生电热管/Regen. pipe heater	SHINI	3KW 3Φ230V/400V共用	SD-40H-C-07~08(A版)	1	---	(1)

Notes: (1)Means it 's not the material inside the control box. (2)Optional dew point transducer(-D).

注: (1)表示非电控箱内材料; (2)表示选配露点变送器(-D);

机型版本 Ver.G				制图		版号 J		标题 SDD-40U(80U)/40H 电气元件明细表二		图号 SDD-40U(80U)/40H-CE-230V-J-7		比例		第 7 张	
				设计		核 准				标准 CE				共 7 张	
				校对						机器电压				3φ230V	
标记 更改前		更改后		更改人		日期		2024.02.23		机器频率				50Hz	

1

2

3

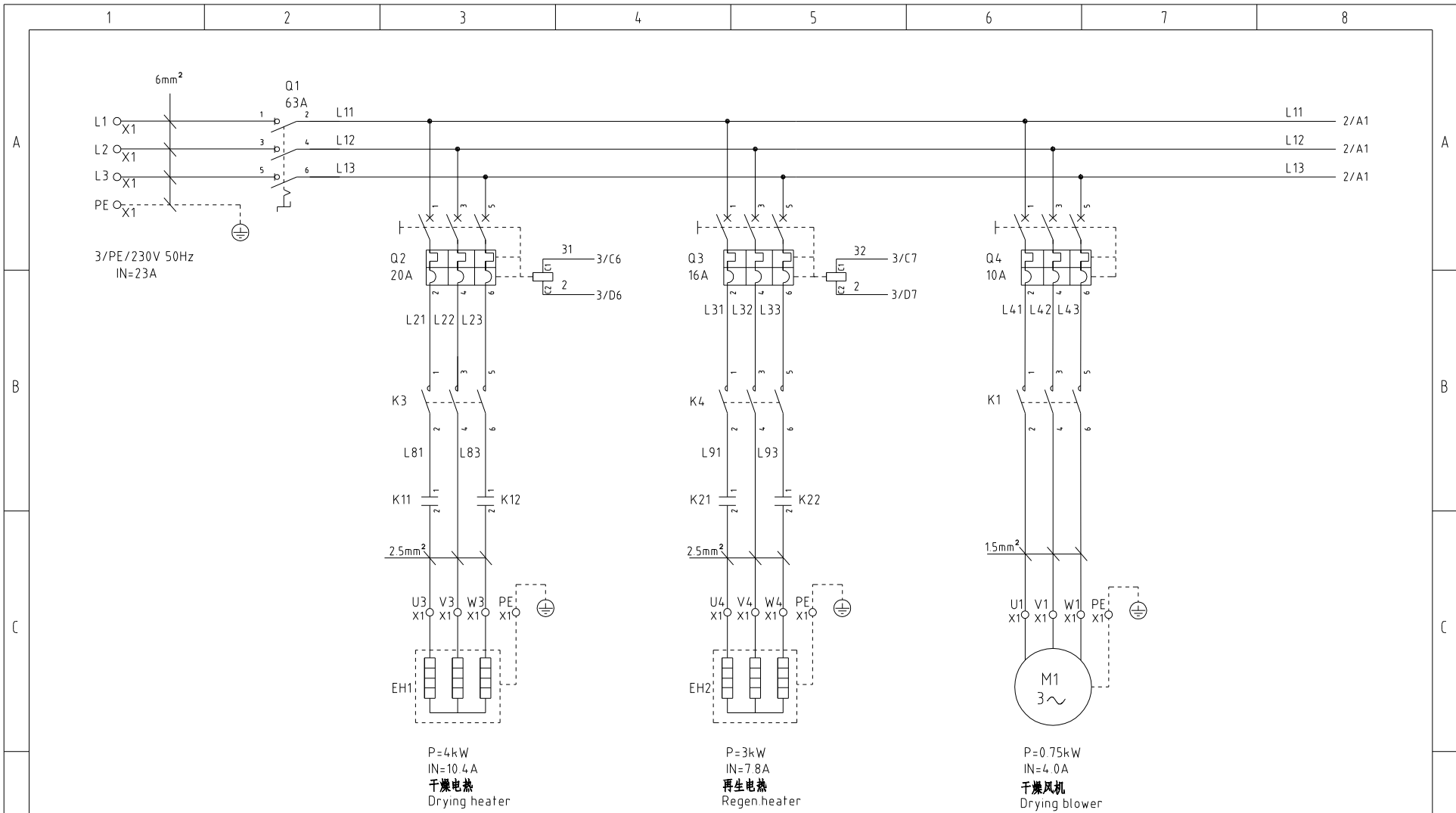
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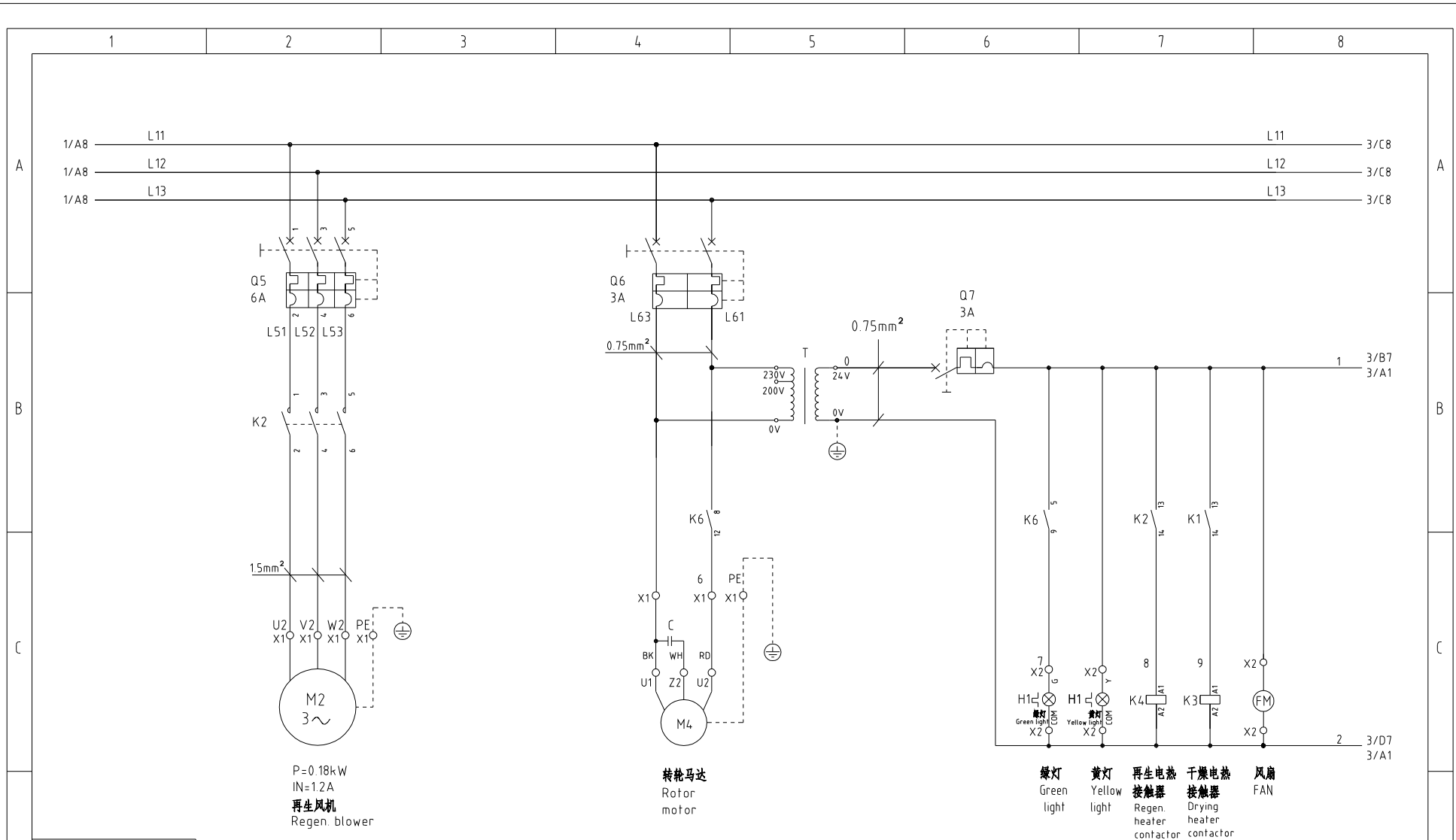
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机型版本 Ver.F

				制图	版号	I	标题	SDD-120U(160U)/80H 主电路图一	图号	SDD-120U(160U)/80H-CE-230V-I-1	比例	第 1 张
				设计	核准		信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.	标准	CE	共 7 张		
				校对	日期	2024.04.26		机器电压	3φ230V			
标记	更改前	更改后	更改人	日期	审核		机器频率	50Hz				

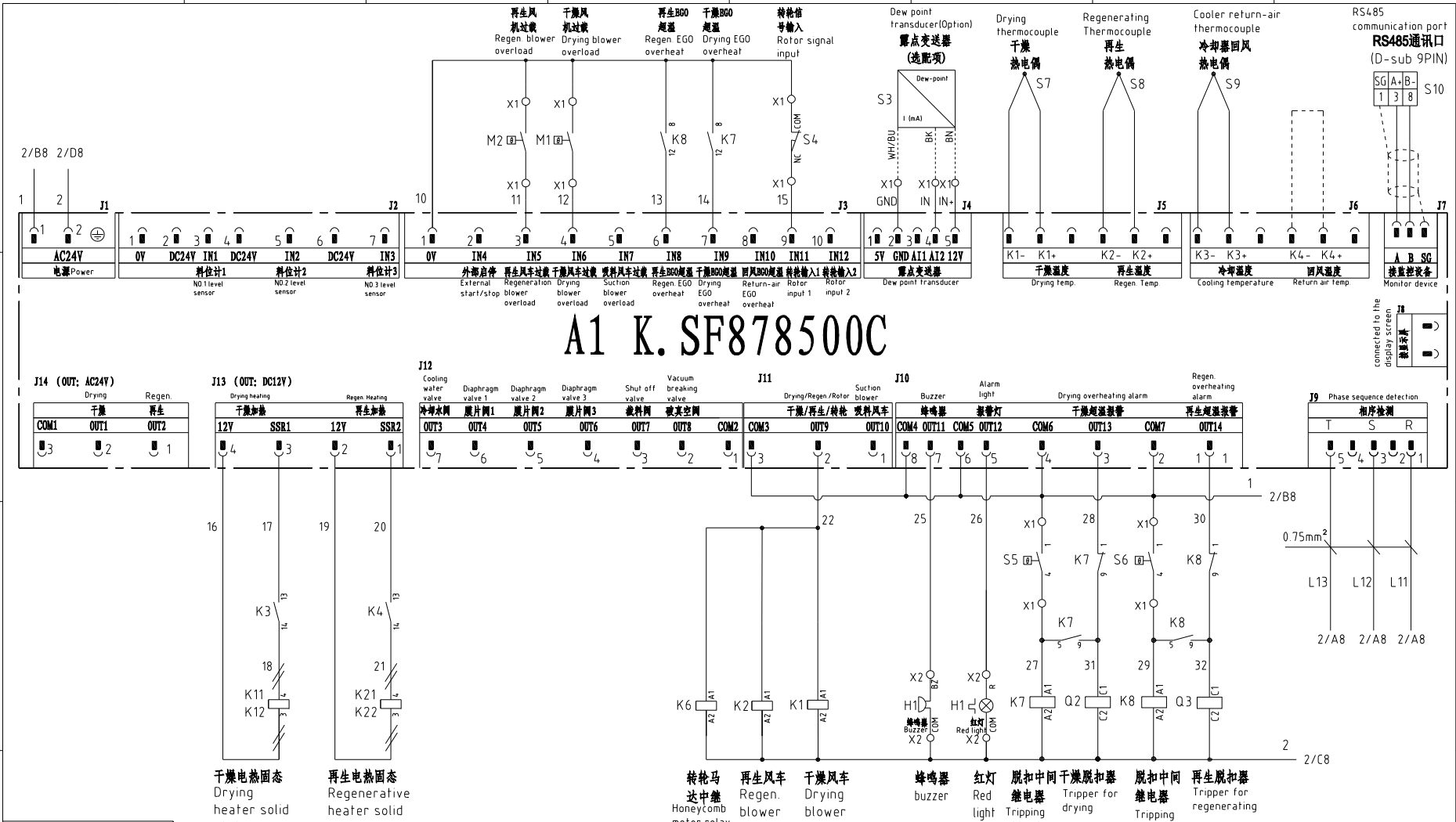




机型版本 Ver.F

				制图	版号	I	标题	SDD-120U(160U)/80H 主电路图二	图号	SDD-120U(160U)/80H-CE-230V-I-2	比例	第 2 张
				设计	核准				标准	CE	共 7 张	
				校对	核准				机器电压	3φ230V		
标记	更改前	更改后	更改人	日期	审核	日期	2024.04.26	<b>SHINI</b> 信易电热机械股份有限公司 Shini Plastics Technologies, Inc.	机器频率	50Hz		

# A1 K. SF878500C



机型版本 Ver.F				
标记	更改前	更改后	更改人	日期
1				

制图	版号	1
设计	核准	
校对	核准	
标记	日期	2024.04.26

标题	SDD-120U(160U)/80H 控制电路图
图号	SDD-120U(160U)/80H-CE-230V-I-3
比例	第 3 张
标准	共 7 张
机器电压	3φ230V
机器频率	50Hz



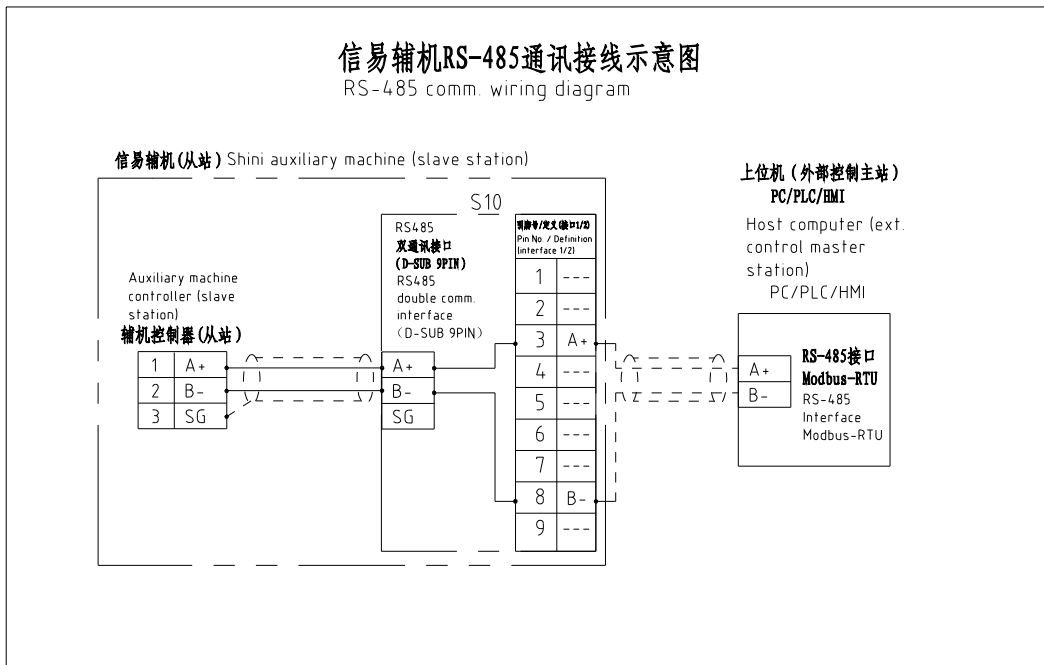
信易电热机械股份有限公司  
Shini Plastics Technologies, Inc.

1 2 3 4 5 6 7 8

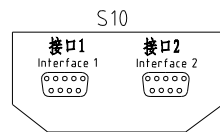
A

A

### 信易辅机RS-485通讯接线示意图 RS-485 comm. wiring diagram



### 信易RS-485接口定义 Shimi RS-485 interface definition



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

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

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

B

B

C

C

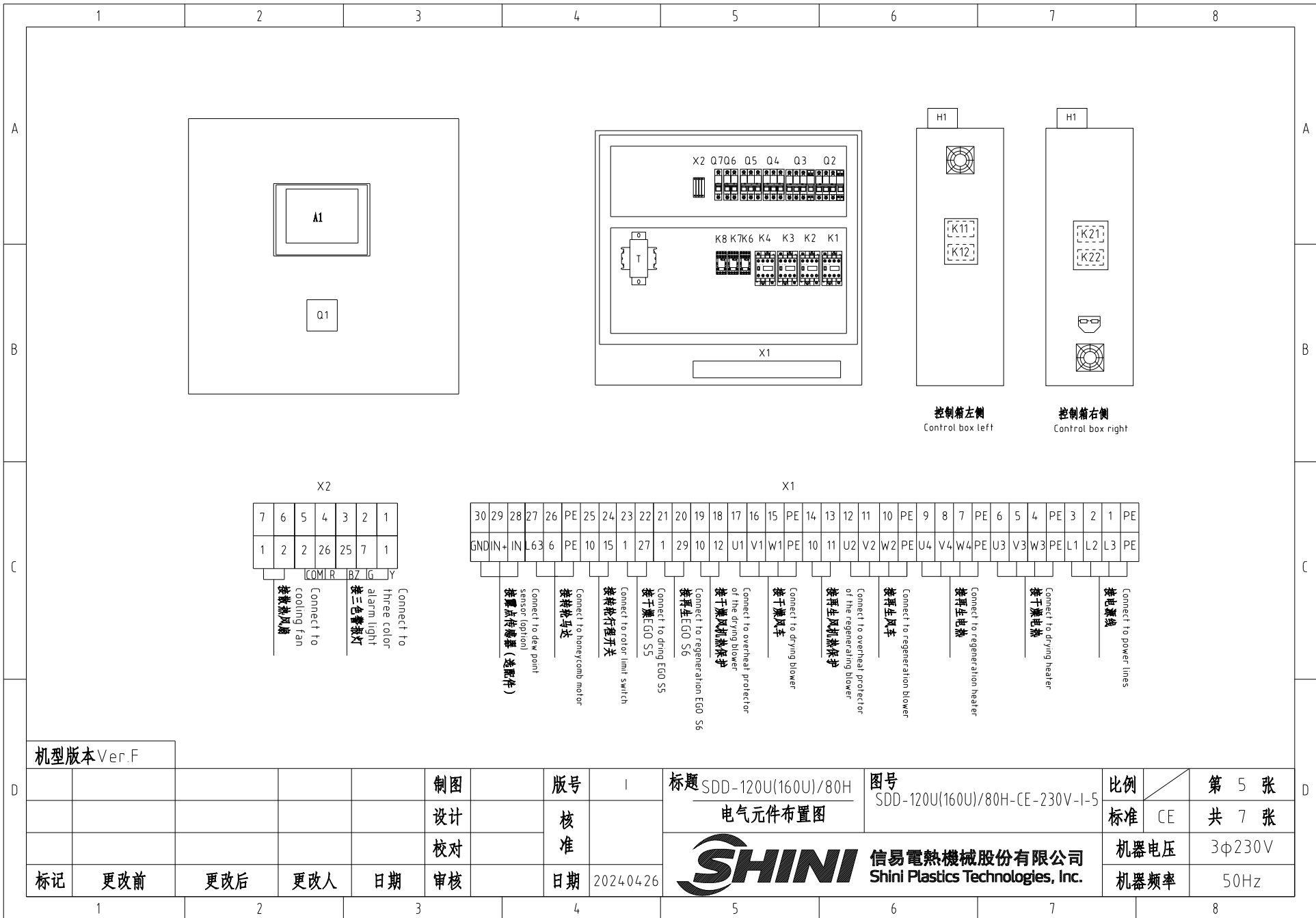
机型版本 Ver.F

				制图	版号	1	标题	SDD-120U(160U)/80H 通讯接口接线图	图号	SDD-120U(160U)/80H-CE-230V-I-4	比例	第 4 张
				设计	核准				标准	CE	共 7 张	
				校对	核准				机器电压	3φ230V		
标记	更改前	更改后	更改人	日期	审核	日期	2024.04.26	信易电热机械股份有限公司 Shini Plastics Technologies, Inc.		机器频率	50Hz	

1 2 3 4 5 6 7 8

D

D



X2

7	6	5	4	3	2	1
1	2	2	26	25	7	1
		COM	R	BZ	IG	Y

Connect to three color alarm light  
接三色警灯  
Connect to cooling fan  
接散热风扇

X1

30	29	28	27	26	PE	25	24	23	22	21	20	19	18	17	16	15	PE	14	13	12	11	10	PE	9	8	7	PE	6	5	4	PE	3	2	1	PE
GND	IN+	IN-	L63	6	PE	10	15	1	27	1	29	10	12	U1	V1	W1	PE	10	11	U2	V2	W2	PE	U4	V4	W4	PE	U3	V3	W3	PE	L1	L2	L3	PE

接电源线  
Connect to power lines  
接再生电热  
Connect to regeneration heater  
接再生风车  
Connect to regeneration blower  
接再生风机保护  
Connect to overhead protector of the regenerating blower  
接干燥风车  
Connect to drying blower  
接干燥风机保护  
Connect to overhead protector of the drying blower  
接干燥风车  
Connect to drying blower  
接再生风车  
Connect to regeneration blower  
接再生风机保护  
Connect to overhead protector of the regenerating blower  
接再生电热  
Connect to regeneration heater  
接干燥电热  
Connect to drying heater  
接干燥风车  
Connect to drying blower  
接干燥风车  
Connect to drying blower  
接干燥风车  
Connect to drying blower  
接干燥风车  
Connect to drying blower

机型版本 Ver.F

					制图		版号	I	标题 SDD-120U(160U)/80H 电气元件布置图	图号 SDD-120U(160U)/80H-CE-230V-I-5	比例	第 5 张	标准	CE	第 5 张 共 7 张	机器电压	3φ230V	机器频率	50Hz		
					设计		核准														
标记	更改前	更改后	更改人	日期	审核		日期	2024.04.26													

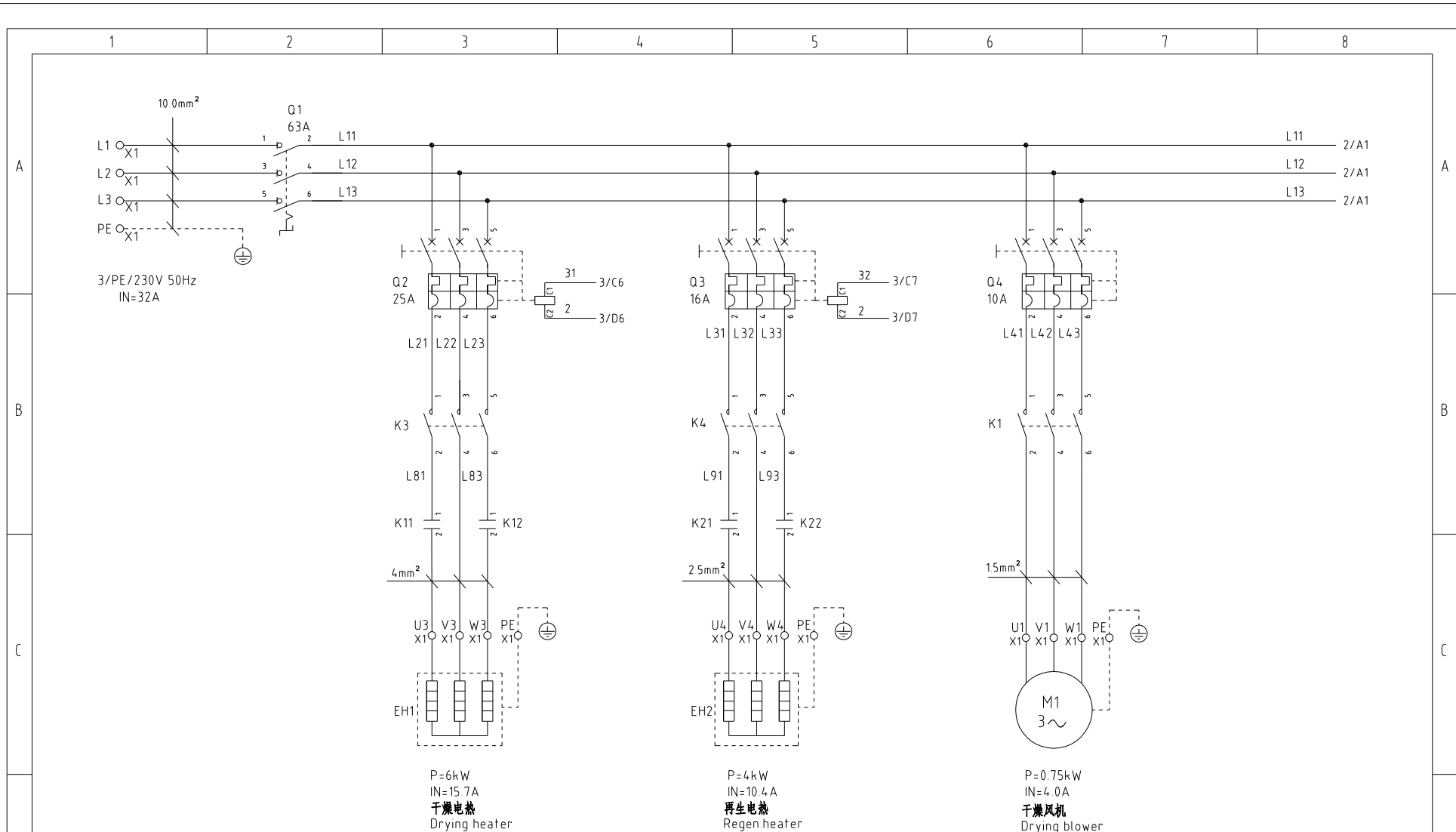


1		2		3		4		5		6		7		8		
序号/NO	符号/Symbol	名称/Name		制造商/Manufacturer		型号/Type		规格/Specification		单位/unit	数量/Number	物料编号/Material number		备注/Remark		
A	1	Q1	主电源开关/Main power switch		EATON		P3-63/EA/SVB 63A		63A		PCS	1	YE10636300000			
	2	Q2	断路器/Circuit-breaker		TECO		BM-63C/3020S 3P		20A		PCS	1	YE40302003000			
	3	Q3	断路器/Circuit-breaker		TECO		BM-63C/3016S 3P		16A		PCS	1	YE40301603000			
	4	Q4	断路器/Circuit-breaker		TECO		BM-63C/3010S 3P		10A		PCS	1	YE40301003000			
	5	Q5	断路器/Circuit-breaker		TECO		BM-63C/3006S 3P		6A		PCS	1	YE40300603000			
	6	Q6	断路器/Circuit-breaker		TECO		BM-63C/2003S 3A 2P		3A		PCS	1	YE40200203000			
	7	Q7	断路器/Circuit-breaker		TECO		BM-63C/1003S 3A 1P		3A		PCS	1	YE40100203000			
B	8		励磁脱扣器/Excitation release		YIJIN		MX		24V 50/60Hz		PCS	2	YE40024000000			
	9	K1 K2 K3 K4	接触器/Contactor		SIEMENS		3RT6015-1AB01-24VAC		24V 50/60Hz		PCS	4	YE00601502500			
	10	K6 K7 K8	中间继电器/Middle Relay		Honeywell		GR-2C-AC24V 底座 base PGR-2C-E				PCS	3	YE03022400300			
	11	K11 K12 K21 K22	固态继电器/Solid state relay		FOTEK		KSR-40DA-H		40A/480VAC/4-32VDC		PCS	4	YE03404003200			
	12	T	互感变压器/Sensor Transformer		JIUXIN		IN=230V/200V OUT=24V		180VA		PCS	1	YE70023005400			
	13	A1	微电脑控制板+微电脑显示屏/PCB		PUMP		K SF878500C		AC24V		PCS	1	YE80878501400			
	14	S3	露点变送器/Dew-point transducer		VAISALA		DMT141 IN=24VDC OUT=4-20mA				PCS	1	YE90014100100		(1) (2)	
C	15	S10	通信接口板RS-485(双绞线接口) Communication interface board RS-485 (double twisted pair connector)		YUYUN		---		485ToDsub_V23		PCS	1	YE90048501200			
	16		外壳RS485(SAL-700G-A-19)0版 Shell RS485(SAL-700G-A-19)0		BINCHENG		---		---		PCS	1	YR40048500000			
	17	H1	三色报警灯(红黄绿三色)三色报警灯(SFP-14)NCH 3-color alarm lamp (Red, green, yellow lights + housing)		SHINI		优先级 Priority		24V 50/60Hz		PCS	1	BL90002401520		(1)	
	18	X1 X2	端子排/Terminal board		HONEYWELL		GK6		6mm <sup>2</sup>		PCS	3	YE60000603200			
	19		端子排/Terminal board		HONEYWELL		GK6PE		6mm <sup>2</sup> PE		PCS	1	YE60000603500			
	20		端子排/Terminal board		HONEYWELL		SK4		4mm <sup>2</sup>		PCS	16	YE60000403200			
	21		端子排/Terminal board		HONEYWELL		GK5PE		4mm <sup>2</sup> PE		PCS	4	YE60000403500			
D	22		端子排/Terminal board		HONEYWELL		SK2.5		2.5mm <sup>2</sup>		PCS	18	YE60002503200			
	23		端子排/Terminal board		HONEYWELL		GK2.5PE		2.5mm <sup>2</sup> PE		PCS	1	YE60002503400			
	24		终端固定件E/GK系列 Terminal fittings E/GK series		HONEYWELL		---		E-GK		PCS	5	YE60000003900			
	--	S4	微动开关/Micro switch		CHOYI		CYLXW-5/11G2		AC380V DC220V		---	1	---		(1)	
机型版本 Ver.F		注: (1)表示非电控箱内材料; (2)表示选配露点变送器(-D); Notes: (1)Means it 's not the material inside the control box. (2)Optional dew point transducer(-D).														
D					制图		版号		标题 SDD-120U(160U)/80H		图号		比例		第 6 张	
					设计		核		电器明细 SDD-120U(160U)/80H-CE-230V-I-6		SDD-120U(160U)/80H-CE-230V-I-6		标准 CE		共 7 张	
					校对		准		 <b>信易电热机械股份有限公司</b> <b>Shini Plastics Technologies, Inc.</b>		机器电压		3φ230V			
	标记		更改前		更改后		更改人				日期		20240426		机器频率	
1		2		3		4		5		6		7		8		

1		2		3		4		5		6		7		8	
序号/NO	符号/Symbol	名称/Name		制造商/Manufacturer		型号/Type		规格/Specification		数量/Number	物料编号/Material number		备注/Remark		
--	S5 S6	组合体BGO/EGO assembly		EGO		( 55.13262.160)		115-320℃		2	---		(1)		
--	S7,S8,S9	热电偶/Thermocouple		SHINI		---		K		3	---		(1)		
A	FM	风扇/Fan		SUNON		12×12CM/24V/50/60HZ		24VAC 40W		1	---		(1)		
--	M1	干燥风机/Drying blower		SHINI		RB-310		230V 0.75kW		1	---		(1)		
--	M2	再生风机/Regen. blower		SHINI		EHS-129		230V 0.18kW		1	---		(1)		
--	M3	转轮马达/Honeycomb motor		Dongli		31K15GN-C-T		220V 230V 0.015kW		1	---		(1)		
--	EH1	干燥电热管/Drying pipe heater		SHINI		4KW 3Φ230V/400V		SD-40H-D-03~04(Ver.0)		1	---		(1)		
--	EH2	再生电热管/Regen. pipe heater		SHINI		3KW 3Φ230V/400V		SD-40H-C-07~08(Ver.A)		1	---		(1)		
<p>Notes: (1)Means it 's not the material inside the control box. (2)Optional dew point transducer(-D).</p> <p>注: (1)表示非电控箱内材料; (2)表示选配露点变送器(-D);</p>															
机型版本Ver.F															
				制图		版号		标题 SDD-120U(160U)/80H 电气元件明细表二		图号 SDD-120U(160U)/80H-CE-230V-I-7		比例		第 7 张	
				设计		核 准						标准 CE		共 7 张	
				校对								机器电压		3φ230V	
标记		更改前		更改后		更改人		日期		2024.04.26		机器频率		50Hz	
1		2		3		4		5		6		7		8	

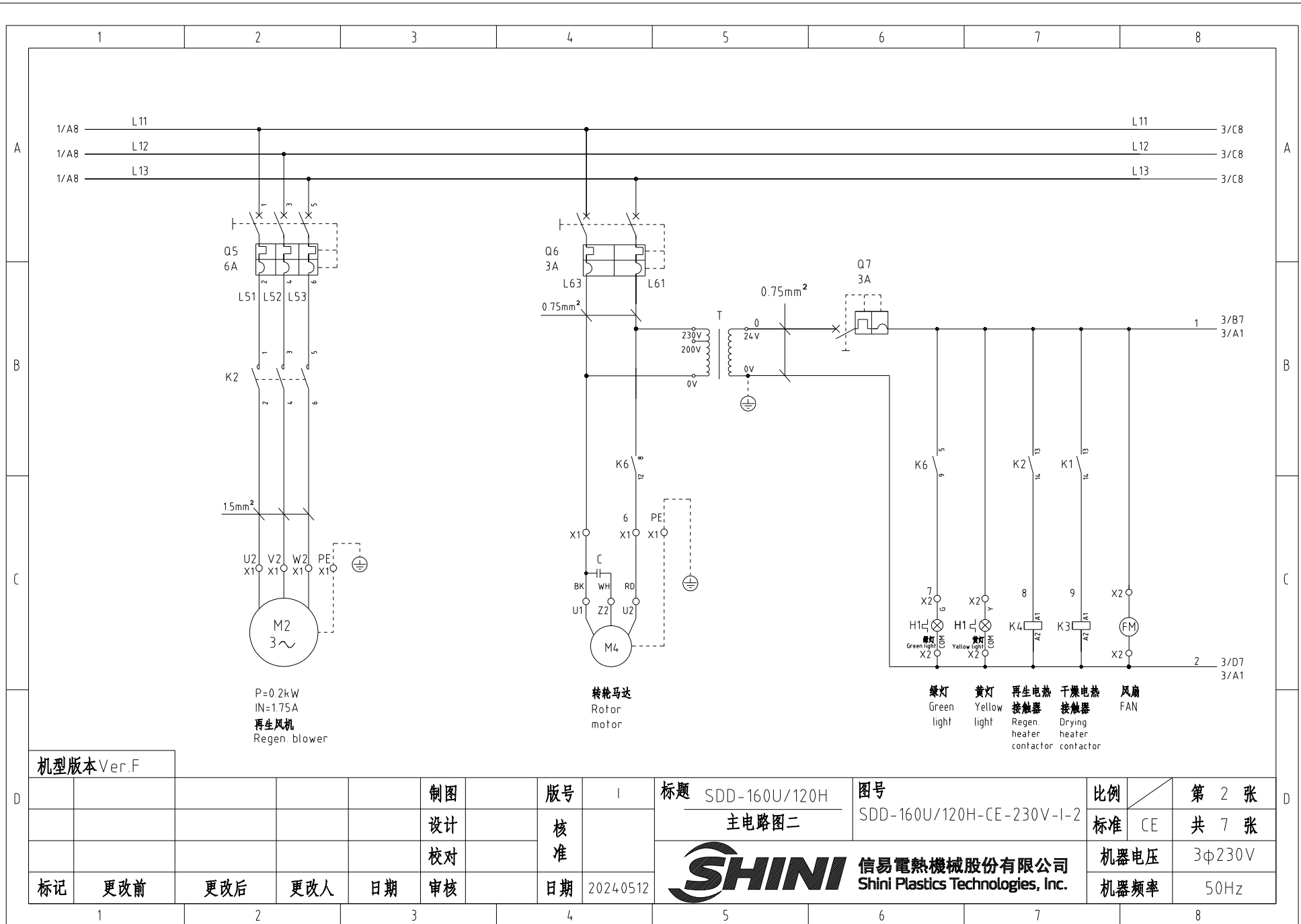


信易電熱機械股份有限公司  
Shini Plastics Technologies, Inc.



机型版本 Ver.F

				制图	版号	I	标题	SDD-160U/120H	图号	SDD-160U/120H-CE-230V-I-1	比例	第 1 张
				设计	核准		主电路图一		标准	CE	共 7 张	
				校对	核准		 <b>信易電熱機械股份有限公司</b> <b>Shini Plastics Technologies, Inc.</b>	机器电压	3φ230V			
标记	更改前	更改后	更改人	日期	审核	日期		2024.05.12	机器频率	50Hz		

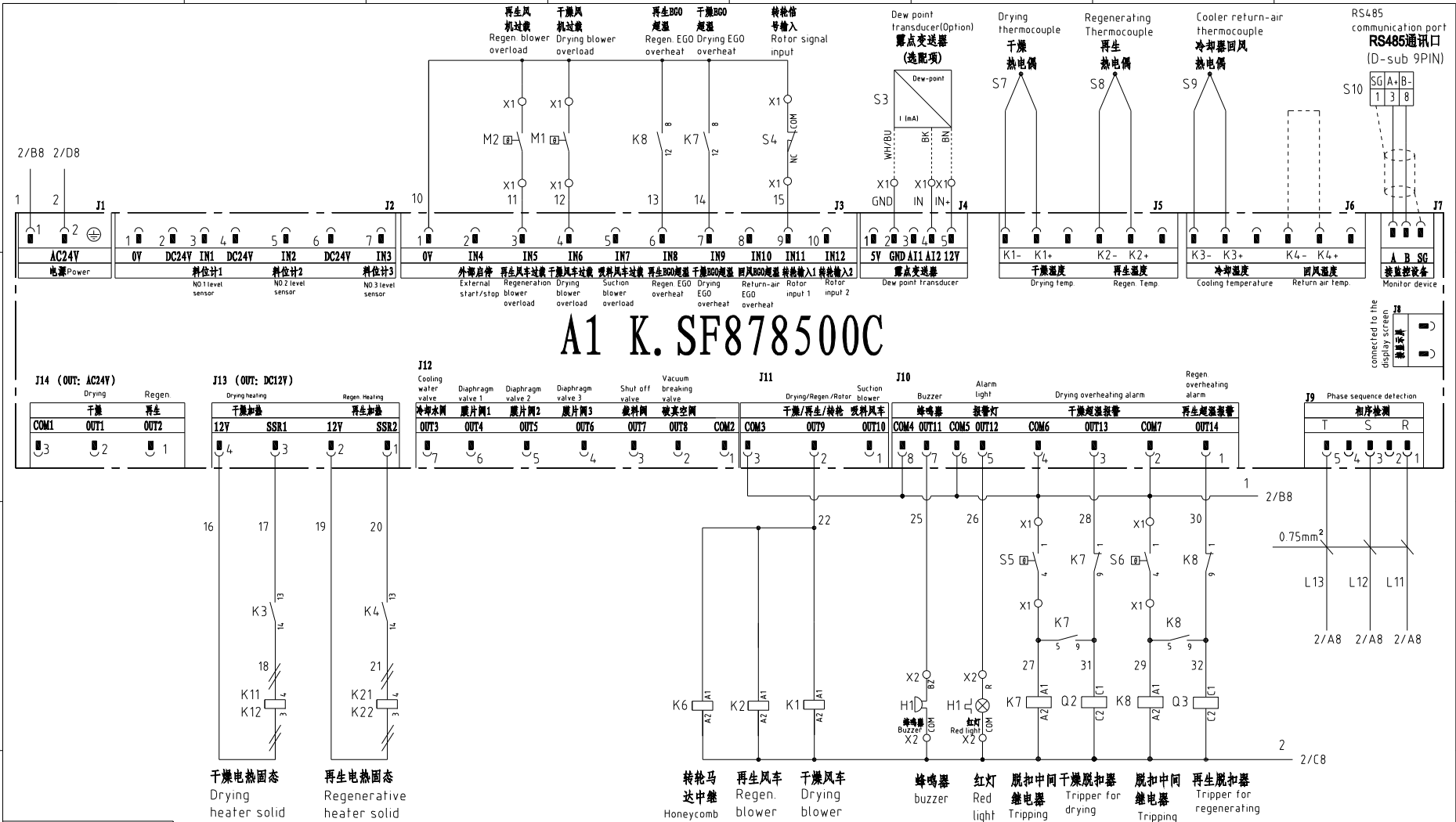


机型版本 Ver.F

				制图	版号	I	标题	SDD-160U/120H	图号	SDD-160U/120H-CE-230V-I-2	比例	第 2 张
				设计	核准		主电路图二		标准	CE	共 7 张	
				校对	核准				机器电压		3φ230V	
标记	更改前	更改后	更改人	日期	审核	日期	2024.0512	<b>信易电热机械股份有限公司</b> Shini Plastics Technologies, Inc.		机器频率	50Hz	



# A1 K. SF878500C



机型版本 Ver.F

干燥电热固态  
Drying heater solid state

再生电热固态  
Regenerative heater solid state

转轮马达中继  
Honeycomb motor relay

再生风车  
Regen. blower

干燥风车  
Drying blower

蜂鸣器  
buzzer

红灯  
Red light

脱扣中间继电器  
Tripping mid-relay

脱扣中间继电器  
Tripping mid-relay

再生脱扣器  
Tripping for regenerating

制图						版号	1	标题	SDD-160U/120H 控制电路图	图号	SDD-160U/120H-CE-230V-I-3	比例	第 3 张
设计						核准	日期	2024.05.12	SHINI 信易电热机械股份有限公司 Shini Plastics Technologies, Inc.	标准	CE	共 7 张	
校对											日期	2024.05.12	机器电压
标记	更改前	更改后	更改人	日期	审核	日期	2024.05.12			机器频率	50Hz		

A

A

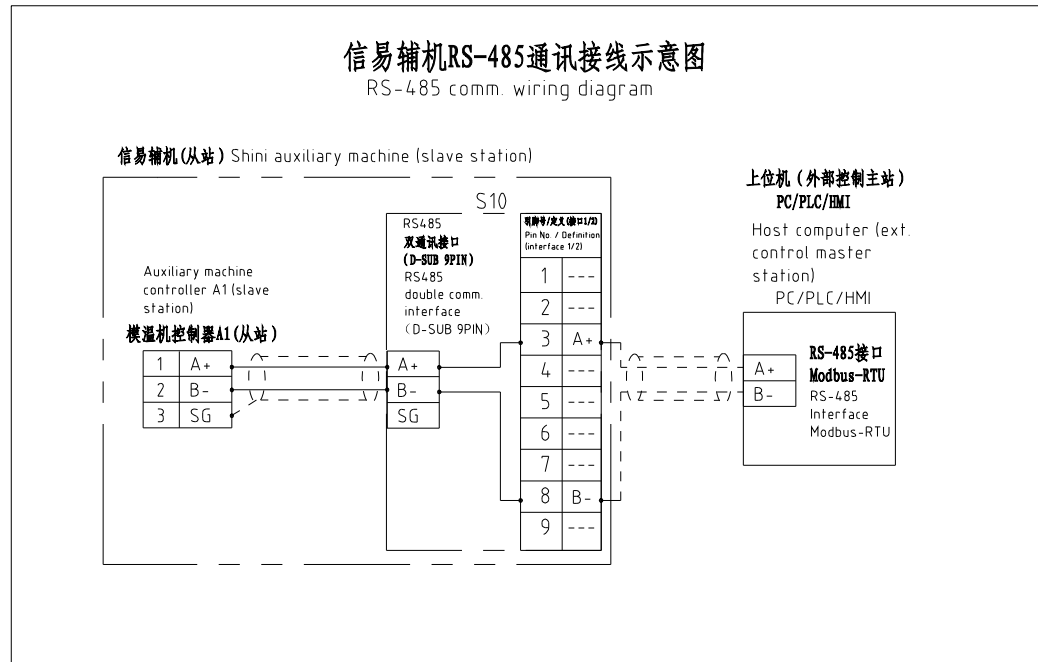
B

B

C

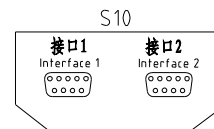
C

### 信易辅机RS-485通讯接线示意图 RS-485 comm. wiring diagram



### 信易RS-485接口定义

Shini RS-485 interface definition



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

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

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

机型版本 Ver.F


						制图		版本号	1	标题	SDD-160U/120H	图号	SDD-160U/120H-CE-230V-I-4	比例	第 4 张	
						设计		核准		通讯接线图				标准	CE	共 7 张
						校对		日期	2024.05.12	信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.			机器电压	3φ230V		
标记	更改前	更改后	更改人	日期	审核		日期						机器频率	50Hz		

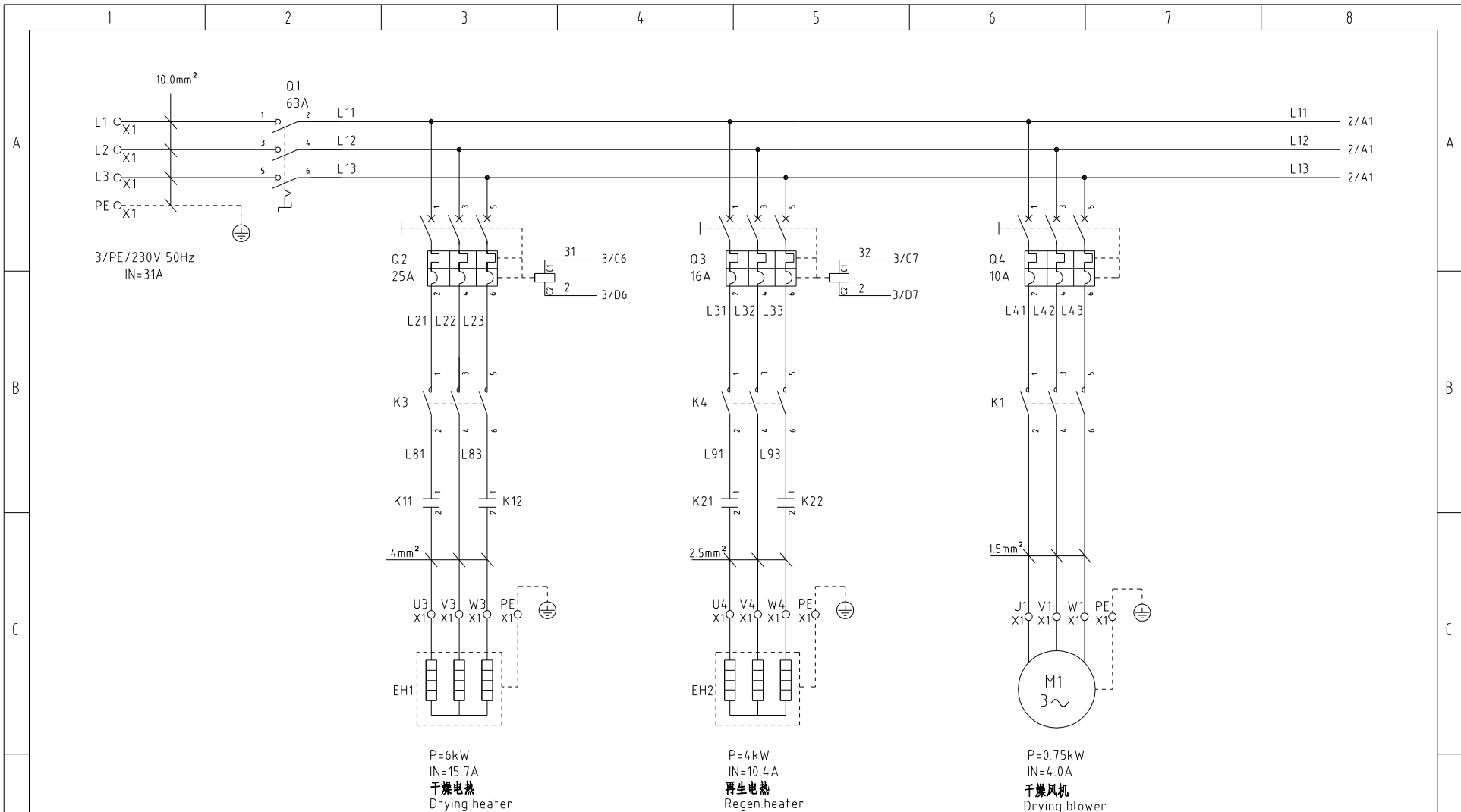
D

D



1		2		3		4		5		6		7		8	
序号/NO	符号/Symbol	名称/Name		制造商/Manufacturer		型号/Type		规格/Specification		单位/unit	数量/Number	物料编号/Material number		备注/Remark	
1	Q1	主电源开关/Main power switch		EATON		P3-63/EA/SVB 63A		63A		PCS	1	YE10636300000			
2	Q2	断路器/Circuit-breaker		TECO		BM-63C/3025S 3P		25A		PCS	1	YE40302503000			
3	Q3	断路器/Circuit-breaker		TECO		BM-63C/3016S 3P		16A		PCS	1	YE40301603000			
4	Q4	断路器/Circuit-breaker		TECO		BM-63C/3010S 3P		10A		PCS	1	YE40301003000			
5	Q5	断路器/Circuit-breaker		TECO		BM-63C/3006S 3P		6A		PCS	1	YE40300603000			
6	Q6	断路器/Circuit-breaker		TECO		BM-63C/2003S 3A 2P		3A		PCS	1	YE40200203000			
7	Q7	断路器/Circuit-breaker		TECO		BM-63C/1003S 3A 1P		3A		PCS	1	YE40100203000			
8		励磁脱扣器/Excitation release		TECO		MX		24V 50/60Hz		PCS	2	YE40024000000			
9	K1 K2 K4	接触器/Contactor		SIEMENS		3RT6015-1AB01-24VAC		24V 50/60Hz		PCS	3	YE00601502500			
10	K3	接触器/Contactor		SIEMENS		3RT6016-1AB01-24VAC		24V 50/60Hz		PCS	1	YE00601602500			
11	K6 K7 K8	中间继电器/Middle Relay		Honeywell		GR-2C-AC24V 底座 base PGR-2C-E				PCS	3	YE03022400300			
12	K11 K12 K21 K22	固态继电器/Solid state relay		FOTEK		KSR-40DA-H		40A/480VAC/4-32VDC		PCS	4	YE03404003200			
13	T	互感变压器/Sensor thtransformer		JIUXIN		IN=230V/200V OUT=24V		180VA		PCS	1	YE70023005400			
14	A1	微电脑控制板+微电脑显示屏/PCB		PUMP		K.SF878500C		AC24V		PCS	1	YE80878501400			
15	S3	露点变送器/Dew-point transducer		VAISALA		DMT141 IN=24VDC OUT=4-20mA				PCS	1	YE90014100100		(1) (2)	
16	S10	通信接口板RS-485(双端-4线制) Communication interface board RS-485 (double End-4pin connector)		YUYUN		---		485ToDsub_V23		PCS	1	YE90048501200			
17		外壳RS485(SAL-700G-A-19)0版 Shell RS485(SAL-700G-A-19)0		BINCHENG		---		---		PCS	1	YR40048500000			
18	H1	三色警灯(红绿黄优先顺序+蜂鸣器) 3-color alarm lamp (Red, green, yellow lights + buzzer)		SHINI		优先级 Priority		24V 50/60Hz		PCS	1	BL90002401520?		(1)	
19	X1 X2	端子排/Terminal board		HONEYWELL		GK10		10mm <sup>2</sup>		PCS	3	YE60001003200			
20		端子排/Terminal board		HONEYWELL		GK10PE		10mm <sup>2</sup> PE		PCS	1	YE60001003500			
21		端子排/Terminal board		HONEYWELL		SK4		4mm <sup>2</sup>		PCS	16	YE60000403200			
22		端子排/Terminal board		HONEYWELL		GK5PE		4mm <sup>2</sup> PE		PCS	4	YE60000403500			
23		端子排/Terminal board		HONEYWELL		SK2.5		2.5mm <sup>2</sup>		PCS	18	YE60002503200			
24		端子排/Terminal board		HONEYWELL		GK2.5PE		2.5mm <sup>2</sup> PE		PCS	1	YE60002503400			
25		终端固定件E/GK系列 Terminal fittings E/GK series		HONEYWELL		---		E-GK		PCS	5	YE60000003900			
机型版本 Ver.F		注: (1)表示非电控箱内材料; (2)表示选配露点变送器(-D); Notes: (1)Means it 's not the material inside the control box. (2)Optional dew point transducer(-D).													
				制图		版号		标题		图号		比例		第 张	
				设计		核		SDD-160U/120H		SDD-160U/120H-CE-230V-I-6		CE		共 6 张	
				校对		准		电气元件明细表一				机器电压		3φ230V	
标记		更改前		更改后		更改人		日期		2024.05.12		SHINI 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		机器频率	
1		2		3		4		5		6		7		8	

1		2		3		4		5		6		7		8	
序号/NO	符号/Symbol	名称/Name		制造商/Manufacturer		型号/Type		规格/Specification		数量/Number	物料编号/Material number		备注/Remark		
--	S4	微动开关/Micro switch		CHOYI		CYLXW-5/11G2		AC380V DC220V		1	---		(1)		
--	S5 S6	组合体EGO/EGO assembly		EGO		(55 13262 160)		115-320℃		2	---		(1)		
--	S7,S8,S9	热电偶/Thermocouple		SHINI		---		K		3	---		(1)		
--	FM	风扇/Fan		SUNON		12×12CM/24V/50/60HZ		24VAC 40W		1	---		(1)		
--	M1	干燥风机/Drying blower		SHINI		RB-310		230V 0.75kW		1	---		(1)		
--	M2	再生风机/Regen. blower		SHINI		EHS-129		230V 0.18kW		1	---		(1)		
--	M3	转轮马达/Honeycomb motor		Dongli		31K15GN-C-T		220V 230V 0.015kW		1	---		(1)		
--	EH1	干燥电热管/Drying pipe heater		SHINI		SCD-120U-6KW/		3Φ 230/400V		1	---		(1)		
--	EH2	再生电热管/Regen. pipe heater		SHINI		4KW 3Φ230V/400V		SD-40H-D-03~04(Ver.0)		1	---		(1)		
<div style="display: flex; justify-content: space-between;"> <span>B</span> <span>B</span> </div>															
<div style="display: flex; justify-content: space-between;"> <span>C</span> <span>C</span> </div>															
<div style="display: flex; justify-content: space-between;"> <span>D</span> <span>D</span> </div>															
机型版本 Ver.F		注：(1)表示非电控箱内材料；(2)表示选配露点变送器(-D)； Notes: (1)Means it 's not the material inside the control box. (2)Optional dew point transducer(-D).													
				制图		版号		标题		图号		比例		第 7 张	
				设计		核		SDD-160U/120H		SDD-160U/120H-CE-230V-I-7		标准		共 7 张	
				校对		准		 <b>信易電熱機械股份有限公司</b> <b>Shini Plastics Technologies, Inc.</b>		机器电压		3φ230V			
标记		更改前		更改后		更改人				日期		机器频率		50Hz	
1		2		3		4		5		6		7		8	



P=6kW  
IN=15.7A  
干燥电热  
Drying heater

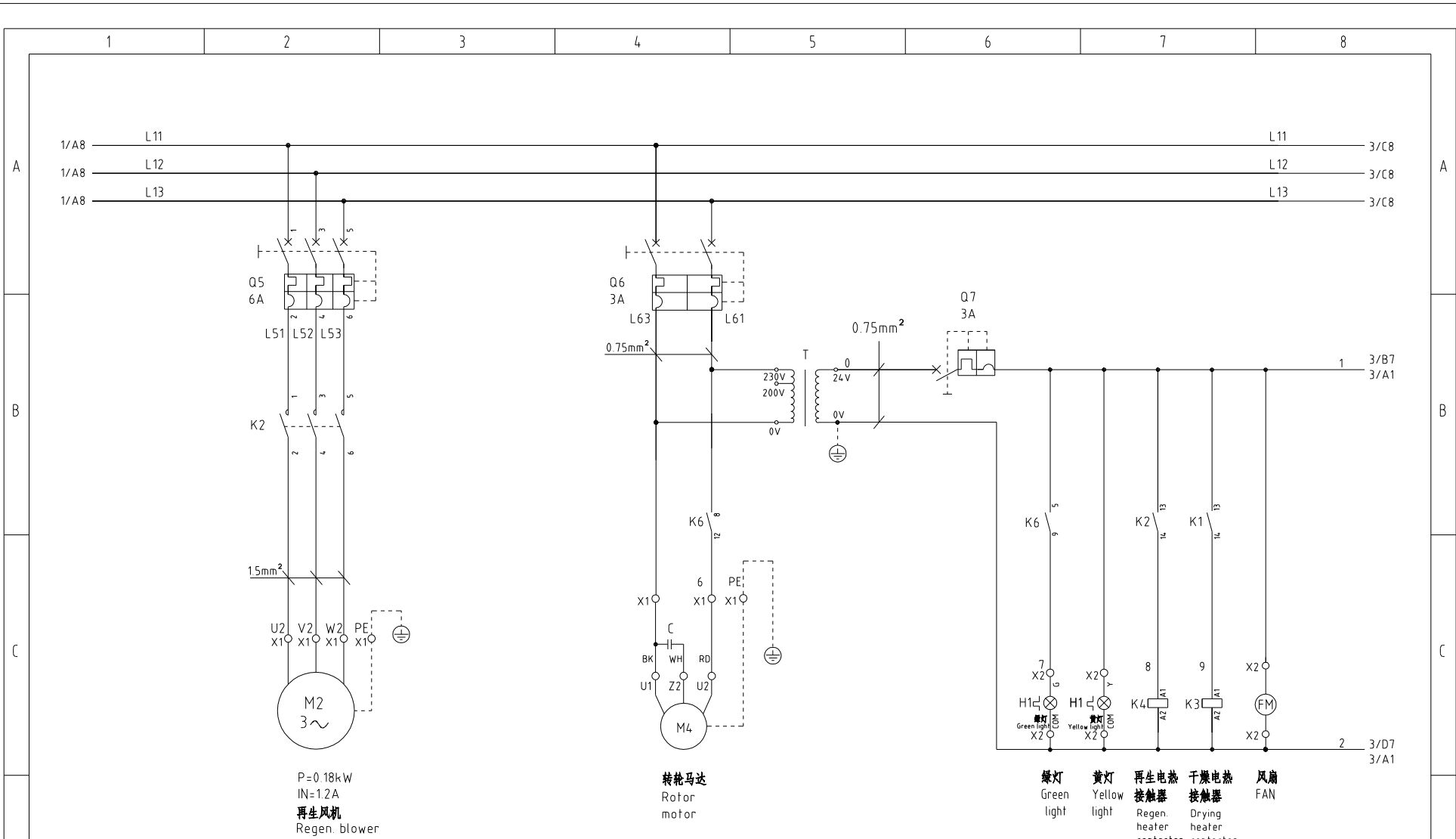
P=4kW  
IN=10.4A  
再生电热  
Regen heater

P=0.75kW  
IN=4.0A  
干燥风机  
Drying blower

机型版本 Ver.F

				制图		版号 H		标题 SDD-230U/120H 主电路图一		图号 SDD-230U/120H-CE-230V-H-1		比例		第 1 张	
				设计		核准				标准 CE		共 6 张			
				校对						机器电压		3φ230V			
标记		更改前		更改后		更改人		日期		审核		日期		2024.04.29	
1		2		3		4		5		6		7		8	





机型版本 Ver.F

				制图	版号	H	标题	SDD-230U/120H	图号	SDD-230U/120H-CE-230V-H-2	比例	第 2 张
				设计	核准		主电路图二		标准	CE	共 6 张	
				校对	核准				机器电压	3φ230V		
标记	更改前	更改后	更改人	日期	审核	日期	2024.04.29	 <b>信易电热机械股份有限公司</b> <b>Shini Plastics Technologies, Inc.</b>		机器频率	50Hz	

1

2

3

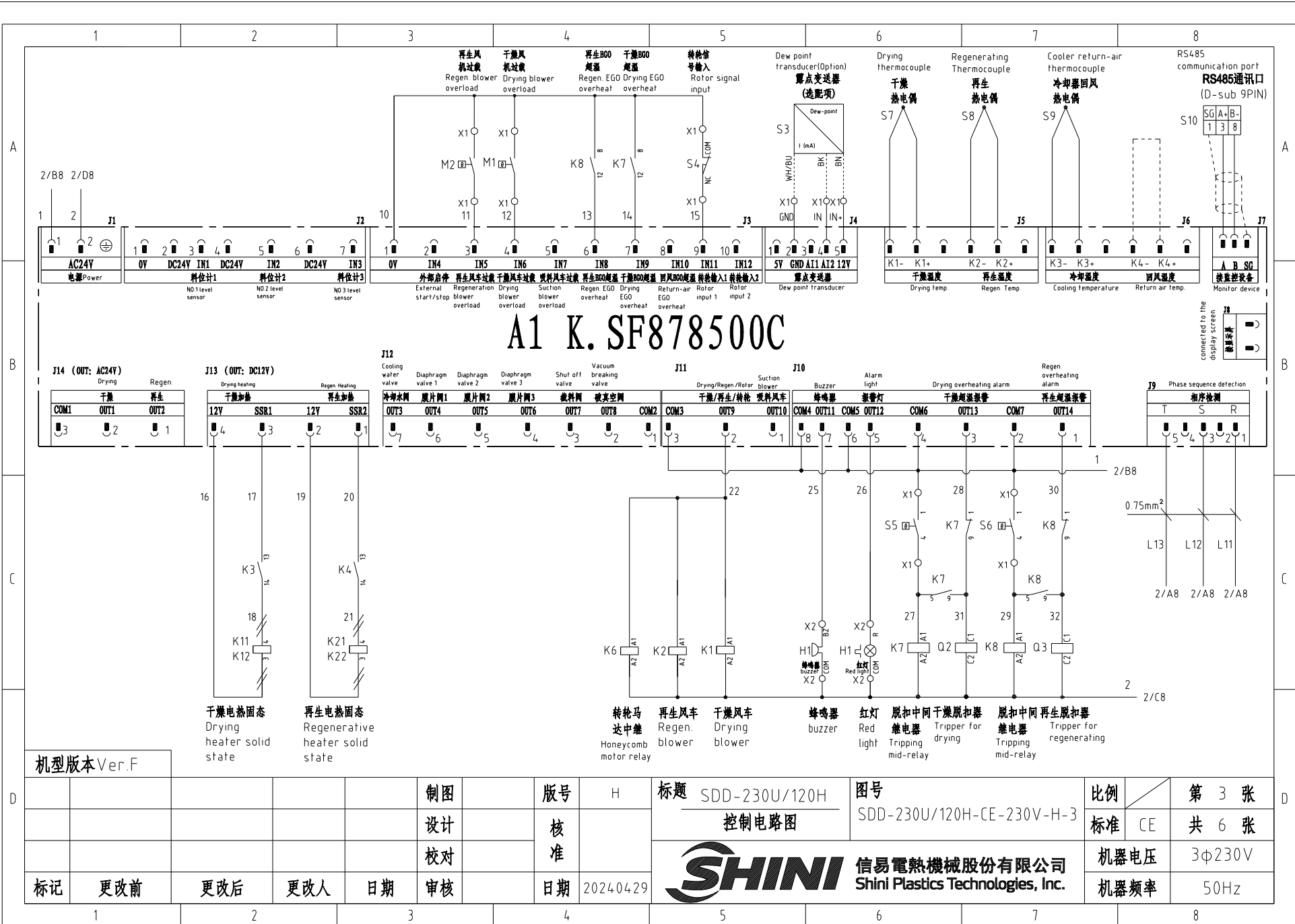
4

5

6

7

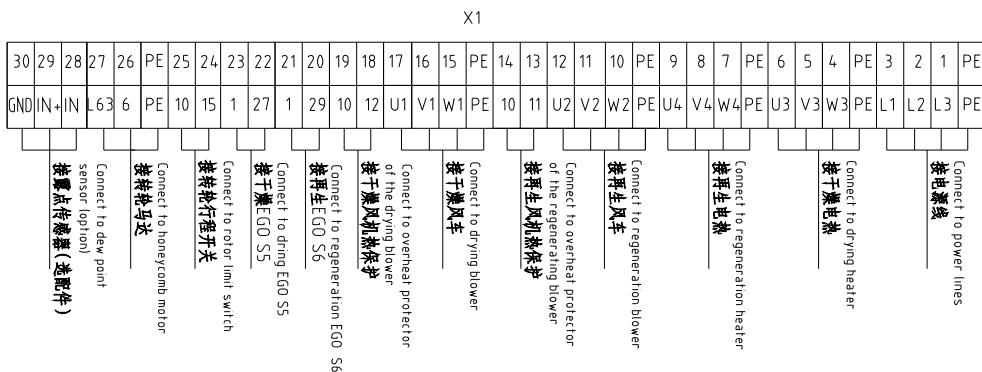
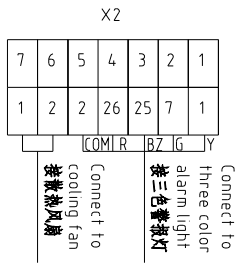
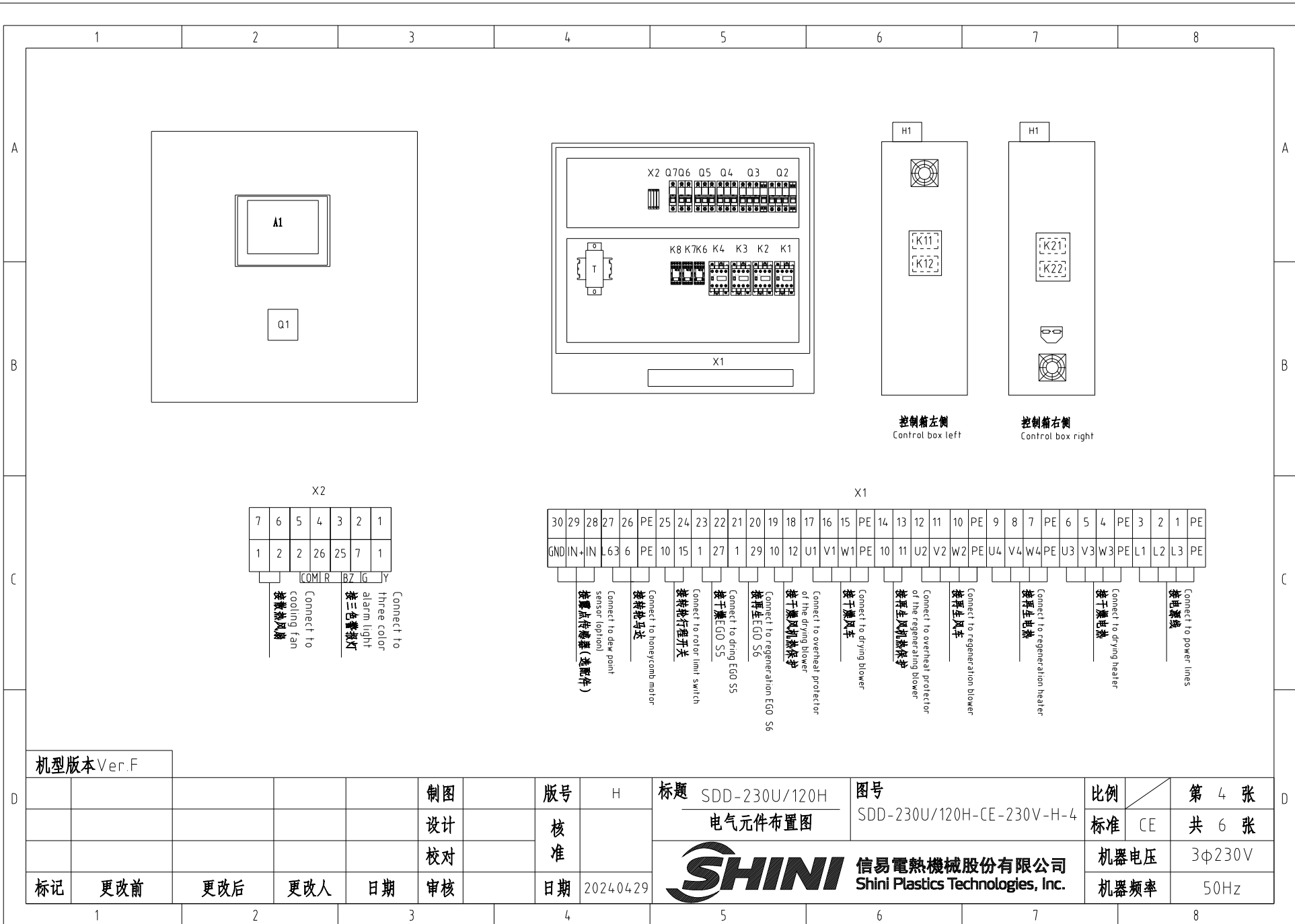
8



机型版本 Ver.F

						制图	版本号	H	标题	SDD-230U/120H	图号	比例	第 3 张
						设计	核准		控制电路图	SDD-230U/120H-CE-230V-H-3	标准	CE	共 6 张
						校对	核准			信易电热机械股份有限公司		机器电压	3φ230V
标记	更改前	更改后	更改人	日期	审核	日期	2024.04.29	SHINI		Shini Plastics Technologies, Inc.	机器频率	50Hz	






机型版本 Ver.F

					制图		版本号	H	标题	SDD-230U/120H 电气元件布置图	图号	SDD-230U/120H-CE-230V-H-4	比例	第 4 张
					设计		核准						标准	CE
					校对								机器电压	3φ230V
标记	更改前	更改后	更改人	日期	审核		日期	2024.04.29	<b>SHINI</b>	信易电热机械股份有限公司 Shini Plastics Technologies, Inc.		机器频率	50Hz	

1		2		3		4		5		6		7		8	
序号/NO	符号/Symbol	名称/Name		制造商/Manufacturer		型号/Type		规格/Specification		单位/unit	数量/Number	物料编号/Material number		备注/Remark	
A	1	Q1	主电源开关/Main power switch		EATON		P3-63/EA/SVB 63A		63A		PCS	1	YE10636300000		
	2	Q2	断路器/Circuit-breaker		TECO		BM-63C/3025S 3P		25A		PCS	1	YE40302503000		
	3	Q3	断路器/Circuit-breaker		TECO		BM-63C/3016S 3P		16A		PCS	2	YE40301603000		
	4	Q4	断路器/Circuit-breaker		TECO		BM-63C/3010S 3P		10A		PCS	1	YE40301003000		
	5	Q5	断路器/Circuit-breaker		TECO		BM-63C/3006S 3P		6A		PCS	1	YE40300603000		
	6	Q6	断路器/Circuit-breaker		TECO		BM-63C/2003S 3A 2P		3A		PCS	1	YE40200203000		
	7	Q7	断路器/Circuit-breaker		TECO		BM-63C/1003S 3A 1P		3A		PCS	1	YE40100203000		
B	8		励磁脱扣器/Excitation release		YIJIN		MX		24V 50/60Hz		PCS	2	YE40024000000		
	9	K1 K2 K4	接触器/Contactor		SIEMENS		3RT6015-1AB01-24VAC		24V 50/60Hz		PCS	3	YE00601502500		
	10	K3	接触器/Contactor		SIEMENS		3RT6016-1AB01-24VAC		24V 50/60Hz		PCS	1	YE00601602500		
	11	K6 K7 K8	中间继电器/Middle Relay		Honeywell		GR-2C-AC24V 底座 base PGR-2C-E				PCS	3	YE03022400300		
	12	K11 K12 K21 K22	固态继电器/Solid state relay		FOTEK		KSR-40DA-H		40A/480VAC/4-32VDC		PCS	4	YE03404003200		
	13	T	互感变压器/Sensor Transformer		JIUXIN		IN=230V/200V OUT=24V		180VA		PCS	1	YE70023005400		
	14	A1	微电脑控制板+微电脑显示屏/PCB		PUMP		K.SF878500C		AC24V		PCS	1	YE80878501400		
C	15	S3	露点变送器/Dew-point transducer		VAISALA		DMT141 IN=24VDC OUT=4-20mA				PCS	1	YE90014100100		(1) (2)
	16	S10	通信接口板RS-485(双端-4pin插头)Communication interface board RS-485 (double 4pin connector)		YUYUN		---		485ToDsub_V23		PCS	1	YE90048501200		
	17		外壳RS485(SAL-700G-A-19)0版 Shell RS485(SAL-700G-A-19)0		BINCHENG		---		---		PCS	1	YR40048500000		
	18	H1	三色报警灯(红黄绿三色)三色报警灯SMT+PC/K24 3-color alarm lamp (Red, green, yellow lights + buzzer)		SHINI		优先级 Priority		24V 50/60Hz		PCS	1	BL90002401520		(1)
	19	X1 X2	端子排/Terminal board		HONEYWELL		GK10		10mm <sup>2</sup>		PCS	3	YE60001003200		
	20		端子排/Terminal board		HONEYWELL		GK10PE		10mm <sup>2</sup> PE		PCS	1	YE60001003500		
	21		端子排/Terminal board		HONEYWELL		SK4		4mm <sup>2</sup>		PCS	16	YE60000403200		
	22		端子排/Terminal board		HONEYWELL		GK5PE		4mm <sup>2</sup> PE		PCS	4	YE60000403500		
	23		端子排/Terminal board		HONEYWELL		SK2.5		2.5mm <sup>2</sup>		PCS	18	YE60002503200		
	24		端子排/Terminal board		HONEYWELL		GK2.5PE		2.5mm <sup>2</sup> PE		PCS	1	YE60002503400		
	25		终端固定件E/GK系列 Terminal fittings E/GK series		HONEYWELL		---		E-GK		PCS	5	YE60000003900		
机型版本 Ver.F		注: (1)表示非电控箱内材料; (2)表示选露点变送器(-D); Notes: (1)Means it's not the material inside the control box. (2)Optional dew point transducer(-D).													
D					制图		版号	H	标题	SDD-230U/120H	图号		比例		第 5 张
					设计		核	电器明	细SDD-230U/120H-CE-230V-H-5	SDD-230U/120H-CE-230V-H-5		标准	CE	共 6 张	
					校对		准						机器电压	3φ230V	
	标记	更改前	更改后	更改人	日期	审核	日期	2024.04.29	 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.				机器频率	50Hz	
1		2		3		4		5		6		7		8	

1		2		3		4		5		6		7		8			
序号/NO	符号/Symbol	名称/Name		制造商/Manufacturer		型号/Type		规格/Specification		数量/Number	物料编号/Material number		备注/Remark				
--	S4	微动开关/Micro switch		CHOYI		CYLXW-5/11G2		AC380V DC220V		1	---		(1)				
--	S5 S6	组合体EGO/EGO assembly		EGO		( 55.13262.160)		115-320℃		2	---		(1)				
--	S7,S8,S9	热电偶/Thermocouple		SHINI		---		K		3	---		(1)				
--	FM	风扇/Fan		SUNON		12×12CM/24V/50/60HZ		24VAC 40W		1	---		(1)				
--	M1	干燥风机/Drying blower		SHINI		RB-310		230V 0.75kW		1	---		(1)				
--	M2	再生风机/Regen. blower		SHINI		EHS-129		230V 0.18kW		1	---		(1)				
--	M3	转轮马达/Honeycomb motor		Dongli		31K15GN-C-T		220V 230V 0.015kW		1	---		(1)				
--	EH1	干燥电热管/Drying pipe heater		SHINI		SCD-120U-6KW/		3Φ 230V/400V		1	---		(1)				
--	EH2	再生电热管/Regen. pipe heater		SHINI		4KW 3Φ230V/400V		SD-40H-D-03~04(Ver.0)		1	---		(1)				
Notes: (1)Means it 's not the material inside the control box. (2)Optional dew point transducer(-D).																	
机型版本Ver.F		注: (1)表示非电控箱内材料; (2)表示选配露点变送器(-D);															
				制图		版号		H		标题		图号		比例		第 6 张	
				设计		核				SDD-230U/120H		SDD-230U/120H-CE-230V-H-6		标准		CE	
				校对		准				 <b>信易電熱機械股份有限公司</b> <b>Shini Plastics Technologies, Inc.</b>		机器电压		3φ230V			
标记		更改前		更改后		更改人		日期				2024.04.29		机器频率		50Hz	
1		2		3		4		5		6		7		8			

1 2 3 4 5 6 7 8

A

A

B

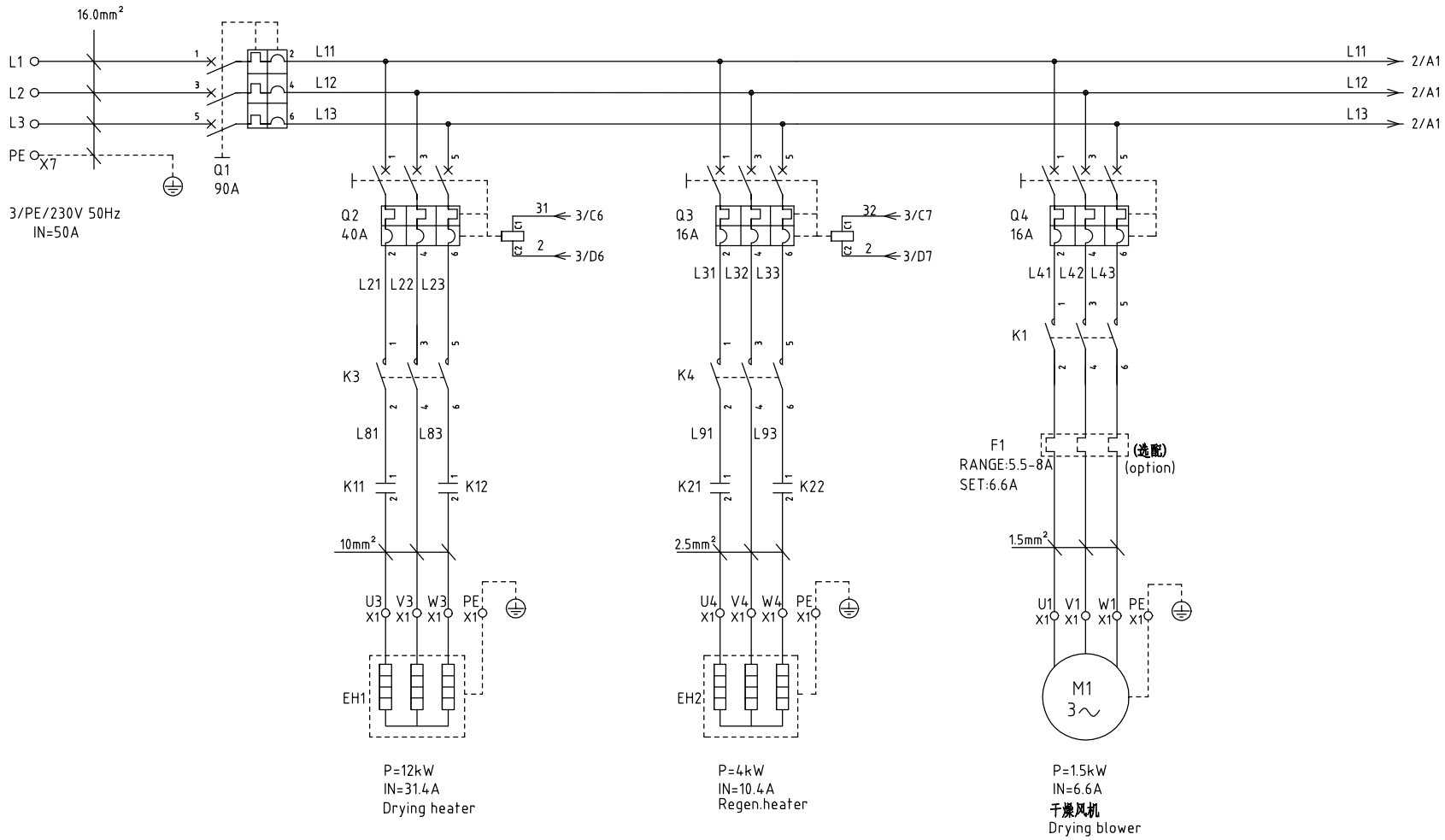
B

C

C


D

D

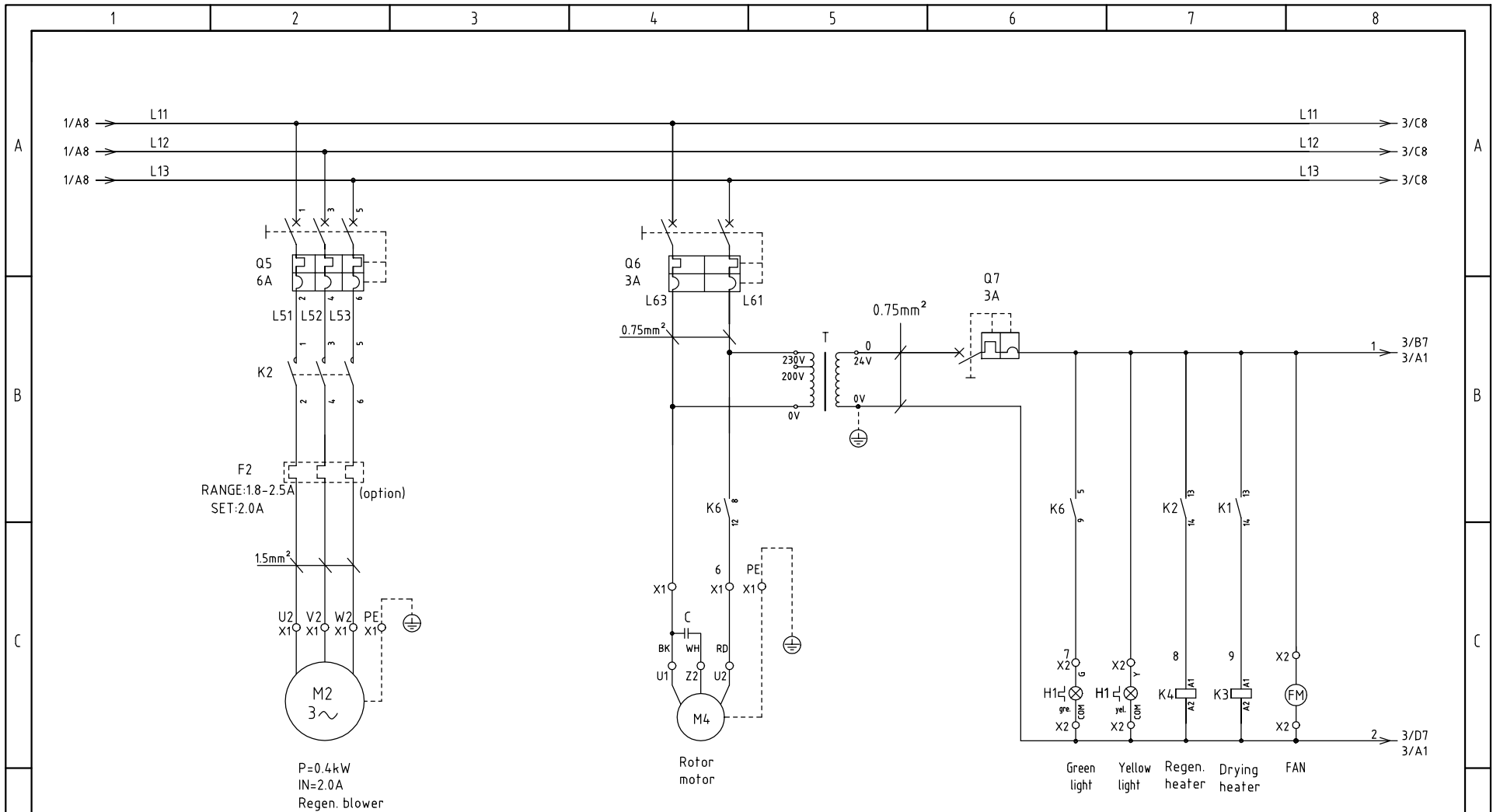


机型版本 Ver.E


Notes: The regenerative power is 6KW when in 60Hz;

Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date	20191111	 <b>信易電熱機械股份有限公司</b> <b>Shini Plastics Technologies, Inc.</b>	Title SDD-300U(450U)/200H Main Circuit Diagram 1	Drawing NO. SDD-300U(450U)/200H-CE-230V-G-1	Scale CE	Page 1 Totally 6 Pages
									Voltage 3φ230V			
									Frequency 50Hz			

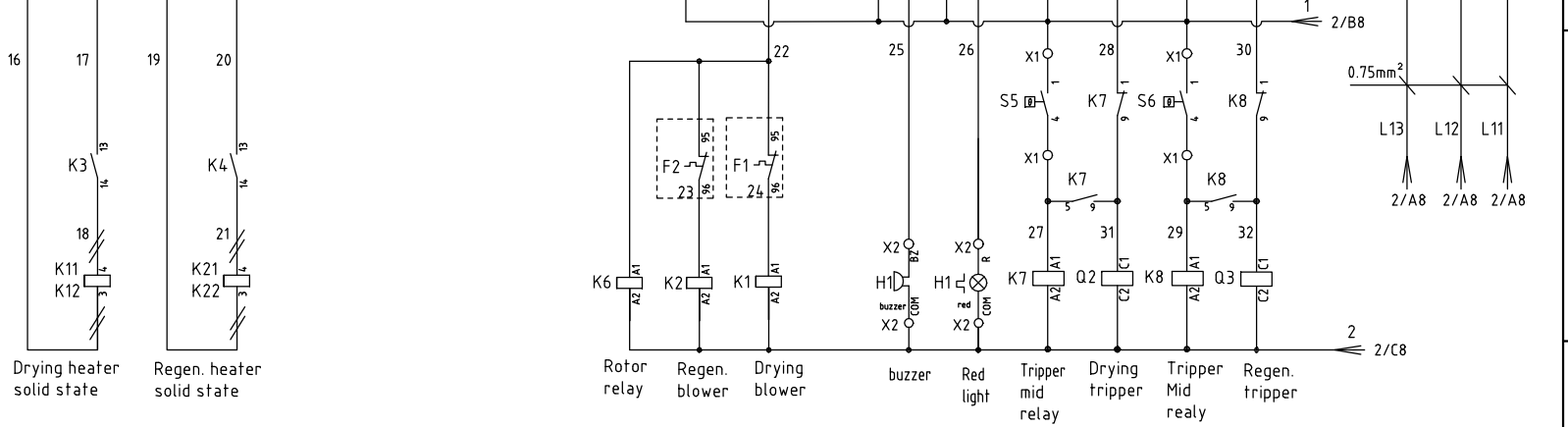
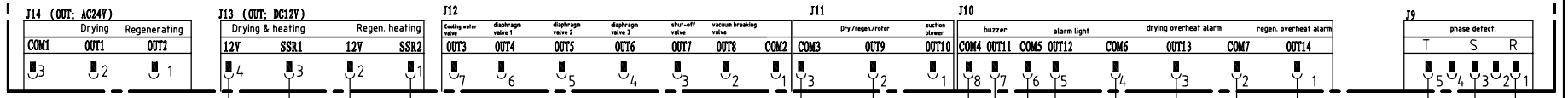
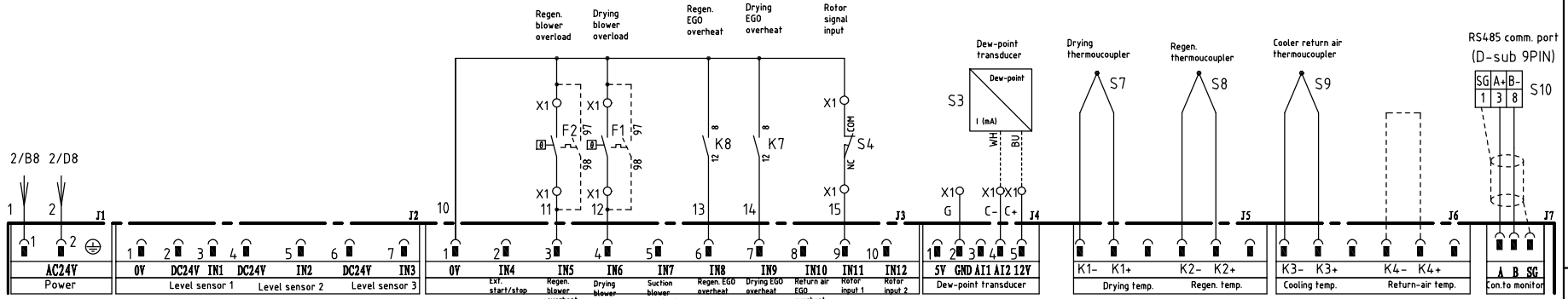
1 2 3 4 5 6 7 8



机型版本 Ver.E

D					Drawer		Version	G	Title	SDD-300U(450U)/200H	Drawing NO.	Scale	Page	2	D
					Designer		Approved by		Main Circuit Diagram 2	SDD-300U(450U)/200H-CE-230V-G-2	Standard	CE	Totally	6 Pages	
					Proofread by		Date	20191111	 <b>信易電熱機械股份有限公司</b> <b>Shini Plastics Technologies, Inc.</b>		Voltage	3φ230V			
	Mark	Before modification	After modification	Modified by	Modify date	Checked by					Frequency	50Hz			

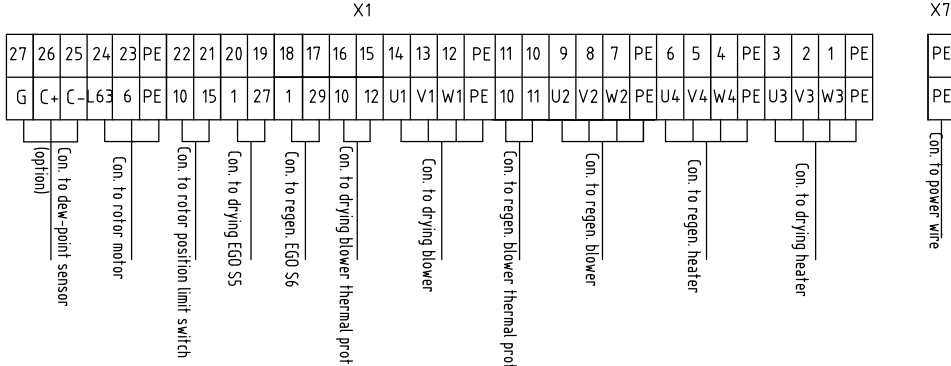
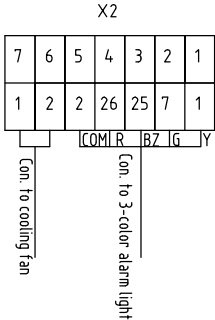
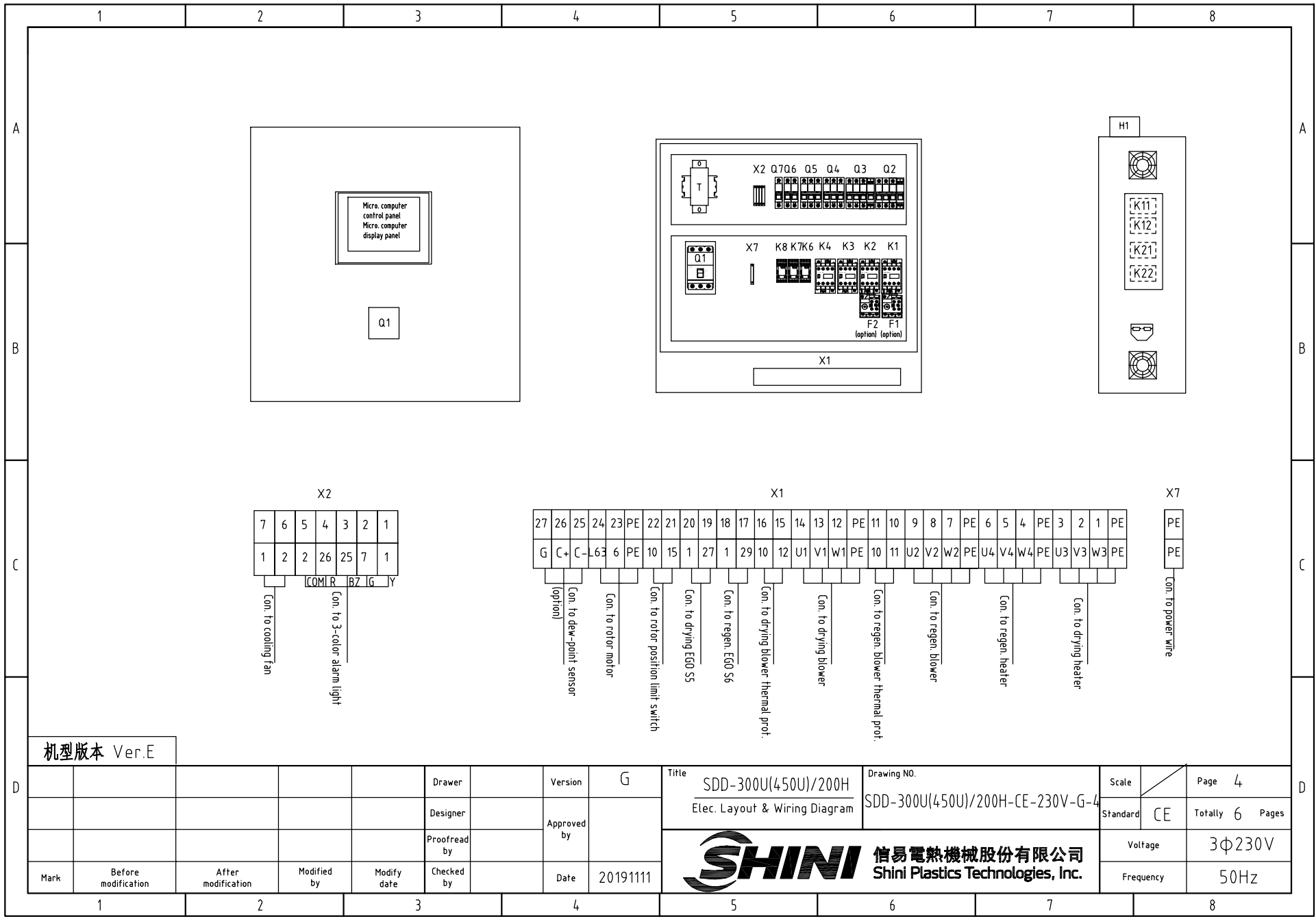
# PCB K. SF878500B



机型版本 Ver.E

D	Drawer	Version	G	Title	SDD-300U(450U)/200H Control Circuit Diagram	Drawing NO.	SDD-300U(450U)/200H-CE-230V-G-3	Scale	CE	Page	3
	Designer	Approved by						Standard	CE	Totally	6 Pages
	Proofread by	Date	20191111					Voltage		3Φ230V	
	Mark	Before modification	After modification	Modified by	Modify date	Checked by		Frequency		50Hz	





机型版本 Ver.E

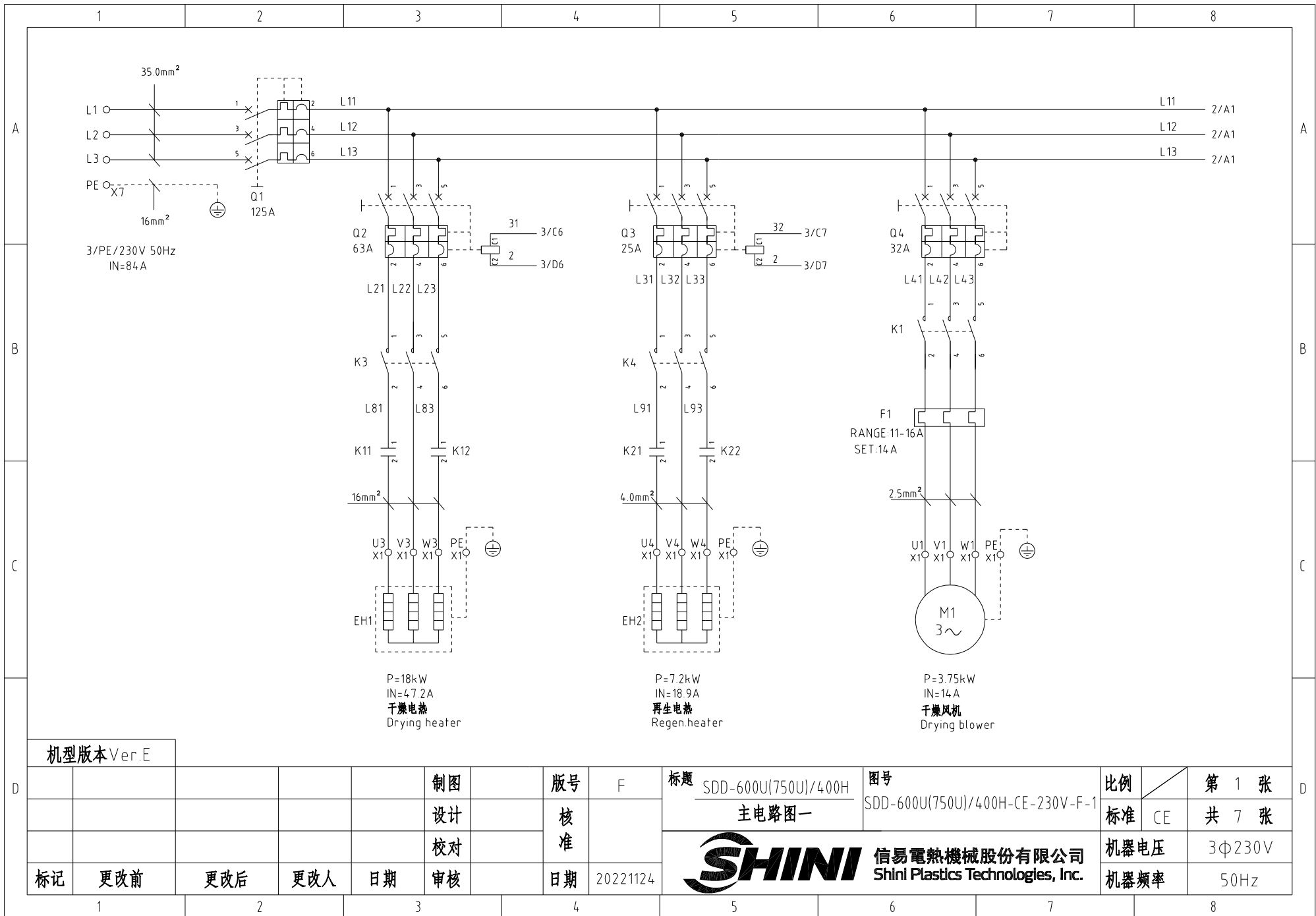
Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date	20191111	Version G	Title SDD-300U(450U)/200H Elec. Layout & Wiring Diagram	Drawing NO. SDD-300U(450U)/200H-CE-230V-G-4	Scale CE	Page 4	Totally 6 Pages
	Designer	Proofread by	Approved by										
	Voltage	3Φ230V											
	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	A1A125TMF90/9003PFF		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					
4	Q4	Circuit-breaker		TECO	BM-63C/3016S 3P		16A		1	YE40301603000					
5	Q5	Circuit-breaker		TECO	BM-63C/3006S 3P		6A		1	YE40300603000					
6	Q6	Circuit-breaker		TECO	BM-63C/2003S 3A 2P		3A		1	YE40200203000					
7	Q7	Circuit-breaker		TECO	BM-63C/1003S 3A 1P		3A		1	YE40100203000					
8		Excitation release		YIJIN	MX		24V 50/60Hz		2	YE40024000000					
9	K1	Contactor		SIEMENS	3RT6016-1AB01-24VAC		24V 50/60Hz		1	YE00601602500					
10	K2 K4	Contactor		SIEMENS	3RT6015-1AB01-24VAC		24V 50/60Hz		1	YE00601502500					
11	K3	Contactor		SIEMENS	3RT6023-1AC20-24VAC		24V 50/60Hz		1	YE00602301100					
12	K6 K7 K8	Middle relay		Honeywell	GR-2C-AC24V		Base PGR-2C-E		3	YE03022400300					
13	K11 K12	Solid state relay		FOTEK	KSR-75DA-H		75A/480VAC/4-32VDC		2	YE03757503200					
14	K21 K22	Solid state relay		FOTEK	KSR-40DA-H		40A/480VAC/4-32VDC		2	YE03404003200					
15	F1	Thermal overload relay		SIEMENS	3RU6116-1HB0		5.5-8A		1	YE01160550000		(3)			
16	F2	Thermal overload relay		SIEMENS	3RU6116-1CB0		1.8-2.5A		1	YE01160180000		(3)			
17	T	Sensor transformer		JIUXIN	IN=230V/200V OUT=24V		180VA		1	YE70023005400					
18	PCB	Micro-computer control plate+micro-computer display panel/PCB		PUMP	K.SF878500B		AC24V		1	YE81878500300					
19	S3	Dew-point transducer		SUTO	217-OEM		IN=24VDC OUT=4-20mA		1	YE90021700100		(1) (2)			
20	S4	Micro switch		CHOYI	CYLXW-5/11G2		AC380V DC220V		1	---		(1)			
21	S5 S6	Assembly EGO		EGO	( 55.13262.160)		115-320℃		2	---		(1)			
22	S7,S8,S9	Thermocouple		SHINI	---		K		3	---		(1)			
23	S10	Comm. interface plate RS-485 (Dsub-9pin connector)		YUYUN	---		485ToDsub_V23		1	YE90048501200					
24		Shell RS485(SAL-700G-A-19)ver.0		BINCHENG	---		---		1	YR40048500000					
25	H1	3-color alarm light (red.gre.yel+buzzer)		SHINI	Priority		24V 50/60Hz		1	BL90002401520		(1)			
机型版本 Ver.E		Notes:(1) Materials not in the control box; (2)Optional dew-point monitor(-D); (3) Optional thermal overload relay.													
D					Drawer	Version		G	Title		Drawing NO.		Scale	Page 5	
					Designer	Approved by			SDD-300U(450U)/200H		SDD-300U(450U)/200H-CE-230V-G-5		Standard	CE	
					Proofread by	Date		20191111			信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Voltage	3φ230V	
	Mark	Before modification	After modification	Modified by	Modify date	Checked by								Frequency	50Hz
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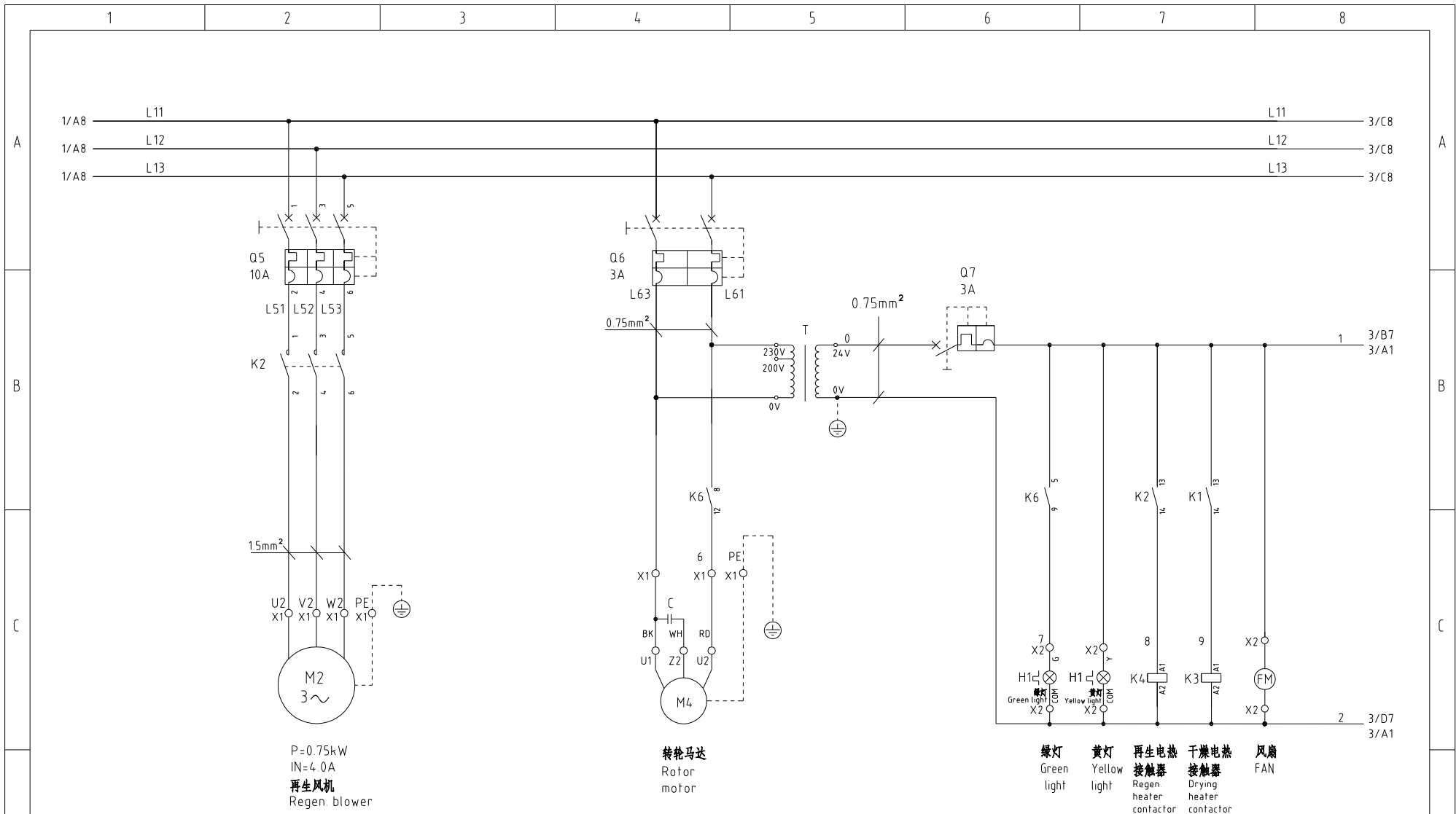





机型版本 Ver.E

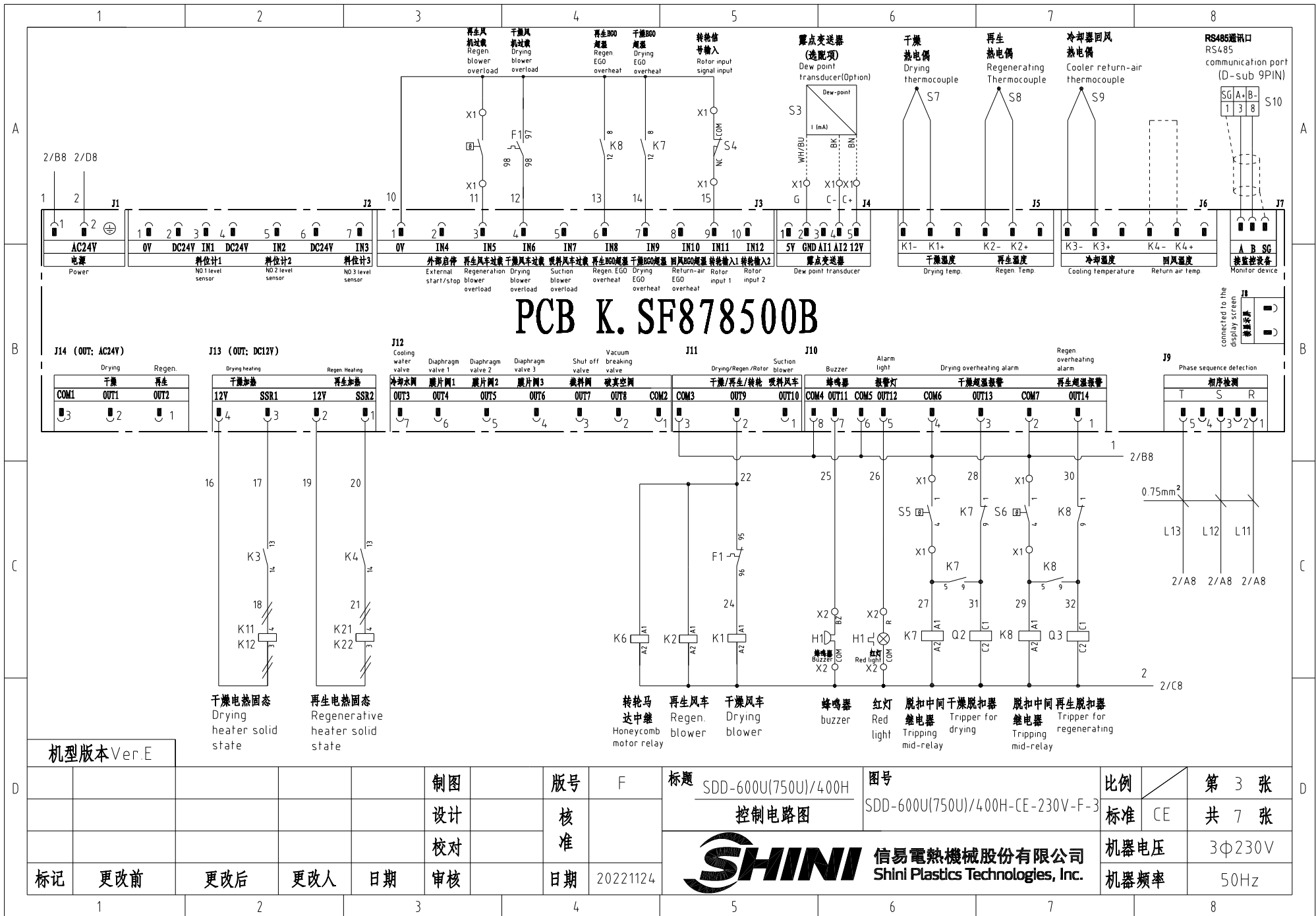
D					制图		版号	F	标题	SDD-600U(750U)/400H	图号	SDD-600U(750U)/400H-CE-230V-F-1	比例	第 1 张
					设计		核准			主电路图一		标准	CE	共 7 张
					校对		核准						机器电压	3Φ230V
	标记	更改前	更改后	更改人	日期	审核	日期	20221124						机器频率






机型版本 Ver.E

				制图	版号	F	标题	SDD-600U(750U)/400H	图号	SDD-600U(750U)/400H-CE-230V-F-2	比例	第 2 张
				设计	核准		主电路图二		标准	CE	共 7 张	
				校对	核准		 <b>信易電熱機械股份有限公司</b> <b>Shini Plastics Technologies, Inc.</b>		机器电压	3Φ230V		
标记	更改前	更改后	更改人	日期	审核	日期			20221124	机器频率	50Hz	



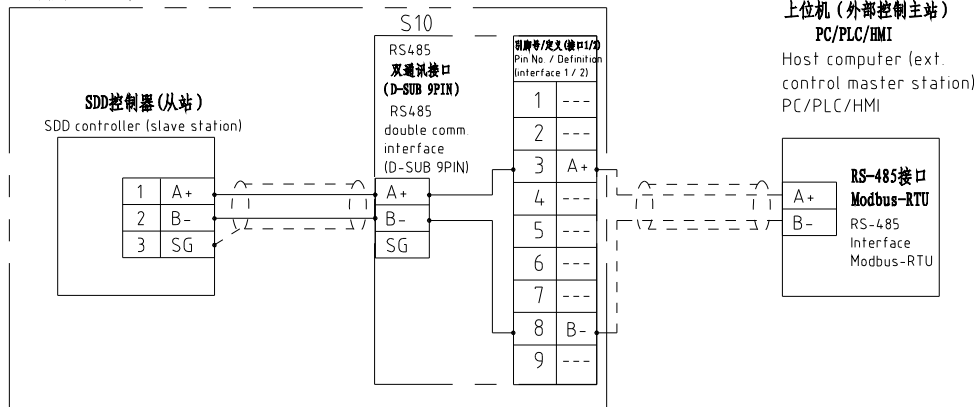
机型版本 Ver.E

					制图	版号	F	标题	SDD-600U(750U)/400H	图号	SDD-600U(750U)/400H-CE-230V-F-3	比例	第 3 张
					设计	核准		控制电路图		标准	CE	共 7 张	
					校对	核准		 <b>信易電熱機械股份有限公司</b> Shini Plastics Technologies, Inc.	机器电压	3φ230V			
标记	更改前	更改后	更改人	日期	审核	日期	20221124		机器频率	50Hz			

### SDD RS-485通讯接线示意图

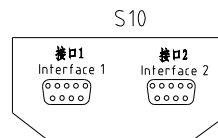
SDD RS-485 comm. wiring diagram

信易辅机SDD(从站) Shini auxiliary machine SDD (slave station)



### 信易RS-485接口定义

Shini RS-485 interface definition



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

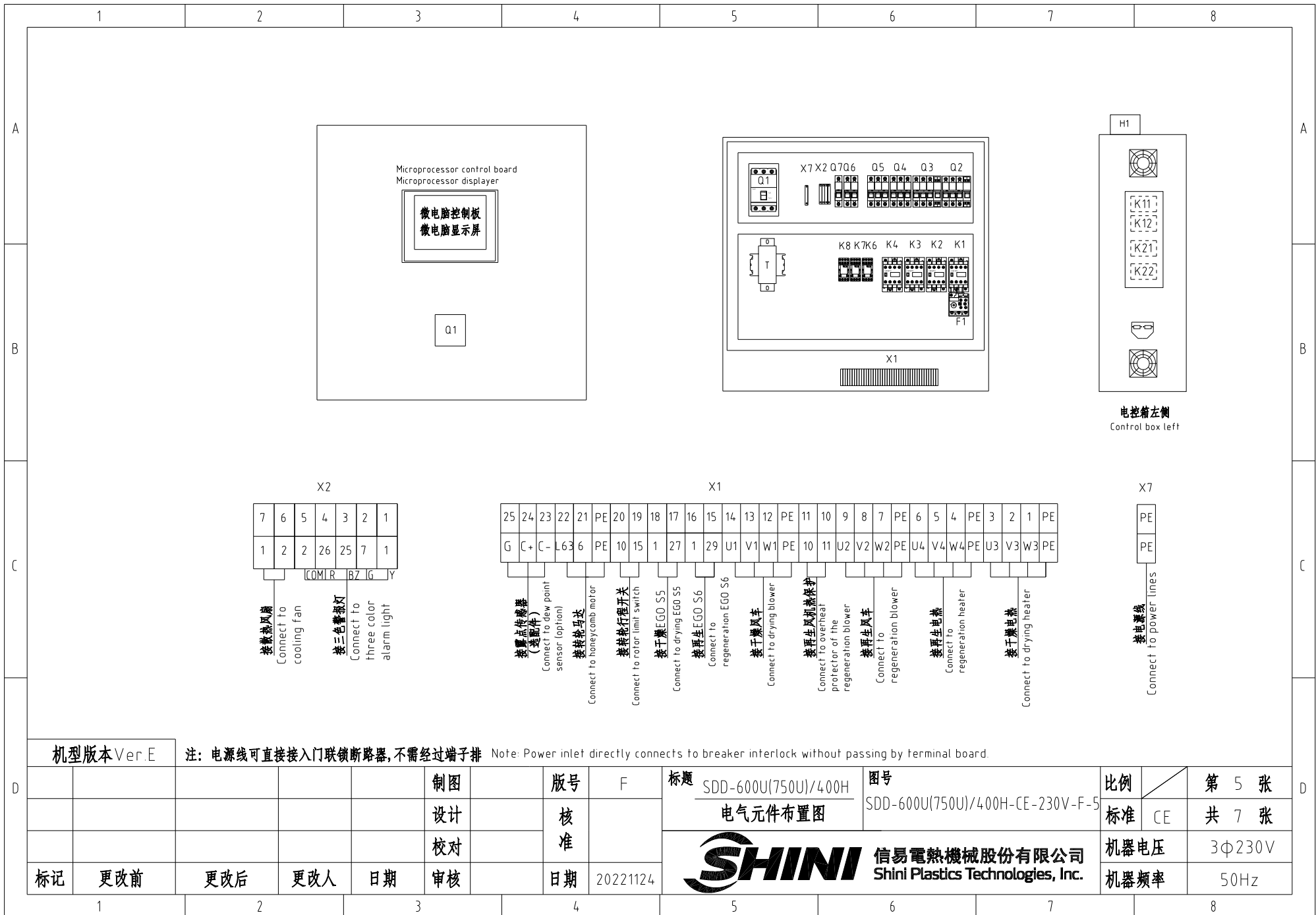
- 注: 1. 通讯接口: RS-485 (两线式)  
 2. 通讯协议: Modbus-RTU  
 3. 机器配备D-sub9母接头, 客户需自备D-sub9公接头;  
 4. 接口1和接口2内部并联, 功能相同, 不分主次

Note:

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

机型版本 Ver.E

						制图	版号	F	标题	SDD-600U(750U)/400H	图号	比例	第 4 张	
						设计	核		通讯接口接线图		SDD-600U(750U)/400H-CE-230V-F-4	标准	CE	共 7 张
						校对	准		信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		机器电压	3φ230V		
标记	更改前	更改后	更改人	日期	审核	日期	20221124	机器频率			50Hz			



X2

7	6	5	4	3	2	1	
1	2	2	26	25	7	1	
			COM	R	BZ	IG	JY

接散热风扇  
Connect to cooling fan

接三色警示灯  
Connect to three color alarm light

X1

25	24	23	22	21	PE	20	19	18	17	16	15	14	13	12	PE	11	10	9	8	7	PE	6	5	4	PE	3	2	1	PE	
G	C+	C-	L6	3	6	PE	10	15	1	27	1	29	U1	V1	W1	PE	10	11	U2	V2	W2	PE	U4	V4	W4	PE	U3	V3	W3	PE

接露点传感器 (选配件)  
Connect to dew point sensor (option)

接转轮马达  
Connect to honeycomb motor

接转轮行程开关  
Connect to rotor limit switch

接干燥EGO S5  
Connect to drying EGO S5

接再生EGO S6  
Connect to regeneration EGO S6

接干燥风机  
Connect to drying blower

接再生风机过热保护  
Connect to overheat protector of the regeneration blower

接再生风车  
Connect to regeneration blower

接再生电热  
Connect to regeneration heater

接干燥电热  
Connect to drying heater

X7

PE	PE
----	----

接电源线  
Connect to power lines

机型版本 Ver.E

注：电源线可直接接入门联锁断路器，不需经过端子排  
Note: Power inlet directly connects to breaker interlock without passing by terminal board.

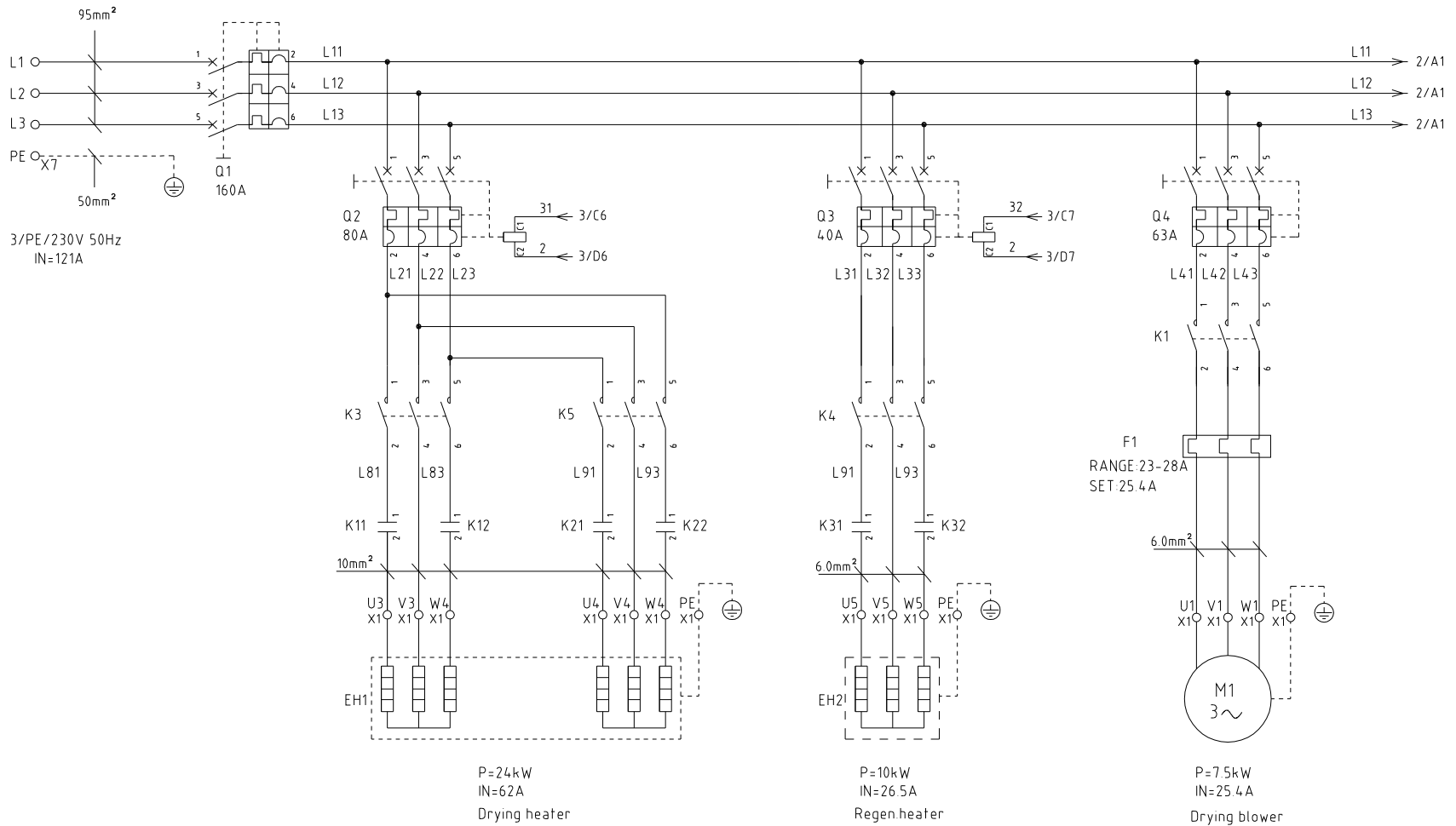
制图	版号	F	标题	SDD-600U(750U)/400H	图号	SDD-600U(750U)/400H-CE-230V-F-5	比例	第 5 张
设计	核准		电气元件布置图				标准	CE
校对	核准						机器电压	3φ230V
标记	更改前	更改后	更改人	日期	20221124		机器频率	50Hz



1		2		3		4		5		6		7		8	
序号/NO	符号/Symbol	名称/Name		制造商/Manufacturer		型号/Type		规格/Specification		数量/Number	物料编号/Material number		备注/Remark		
1	Q1	门连锁断路器/Breaker interlock		TECO		TAX-125L3125		125A		1	YE40125301100				
2		断路器外箱操作把手/External circuit breaker handle		TECO		FB1R-CS1-C-D1		TAX-125		1	YE90111100300				
3	Q2	断路器/Circuit-breaker		TECO		BM-63C/3063S 3P		63A		1	YE40306303000				
4	Q3	断路器/Circuit-breaker		TECO		BM-63C/3025S 3P		25A		1	YE40302503000				
5	Q4	断路器/Circuit-breaker		TECO		BM-63C/3032S 3P		32A		1	YE40303203000				
6	Q5	断路器/Circuit-breaker		TECO		BM-63C/3010S 3P		10A		1	YE40301003000				
7	Q6	断路器/Circuit-breaker		TECO		BM-63C/2003S 3A 2P		3A		1	YE40200203000				
8	Q7	断路器/Circuit-breaker		TECO		BM-63C/1003S 3A 1P		3A		1	YE40100203000				
9		励磁脱扣器/Excitation release		YIJIN		MX		24V 50/60Hz		2	YE40024000000				
10	K1	接触器/Contactor		SIEMENS		3RT6025-1AC20-24VAC		24V 50/60Hz		1	YE00602502600				
11	K2	接触器/Contactor		SIEMENS		3RT6015-1AB01-24VAC		24V 50/60Hz		1	YE00601502500				
12	K3	接触器/Contactor		SIEMENS		3RT5035-1AC20-24VAC		24V 50/60Hz		1	YE00503502600				
13		辅助触点/Auxiliary contactor		SIEMENS		3RH5921-1CA10		1NO		1	YE00592110000				
14	K4	接触器/Contactor		SIEMENS		3RT6023-1AC20-24VAC		24V 50/60Hz		1	YE00602301100				
15	K6 K7 K8	中间继电器/Middle relay		Honeywell				底座PGR-2C-E Base PGR-2C-E		3	YE03022400300				
16	K11 K12	固态继电器/Solid state relay		FOTEK		KSR-75DA-H		75A/480VAC/4-32VDC		2	YE03757503200				
17	K21 K22	固态继电器/Solid state relay		FOTEK		KSR-40DA-H		40A/480VAC/4-32VDC		2	YE03404003200				
18	F1	热过载继电器/Thermal overload relay		SIEMENS		3RU6126-4AB0		11-16A		1	YE01260110000				
19	T	互感变压器/Sensor Transformer		JIUXIN		IN=230V/200V OUT=24V		230VA		1	YE70023007000				
20	PCB	微电脑控制板-微电脑显示器 Microprocessor control board+Microprocessor displayer		PUMP		K.SF878500B		AC24V		1	YE81878500300				
21	S3	露点变送器/Dew-point transducer		VAISALA		20~-80℃		4-20MA		1	YE90014100100		(1) (2)		
22	S4	微动开关/Micro switch		CHOYI		CYLXW-5/11G2		AC380V DC220V		1	---		(1)		
23	S5 S6	组合体EGO/EGO assembly		EGO		( 55.13262.160)		115-320℃		2	---		(1)		
24	S7,S8,S9	热电偶/Thermocouple		SHINI		---		K		3	---		(1)		
25	S10	通信接口板RS-485(双Dsub-9pin接头) Communication interface board RS-485 (double Dsub-9pin connector)		YUYUN		---		485ToDsub_V23		1	YE90048501200				
机型版本 Ver.E		注: (1)表示非电控箱内材料; (2)表示选配露点变送器(-D). Notes: (1)Means it 's not the material inside the control box. (2)Optional dew point transducer(-D).													
D					制图		版本号	F	标题	SDD-600U(750U)/400H	图号		比例		第 6 张
					设计		核		电气元件明细表一	SDD-600U(750U)/400H-CE-230V-F-6		标准	CE	共 7 张	
					校对		准		 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		机器电压	3φ230V			
	标记	更改前	更改后	更改人	日期	审核	日期	20221124		机器频率	50Hz				
1		2		3		4		5		6		7		8	

1		2		3		4		5		6		7		8	
序号/NO	符号/Symbol	名称/Name		制造商/Manufacturer		型号/Type		规格/Specification		数量/Number	物料编号/Material number		备注/Remark		
26		外壳RS485 (SAL-700G-A-19) 0版 Shell RS485(SAL-700G-A-19)0		BINCHENG		---		---		1	YR40048500000				
27	H1	三色警灯(红绿黄优先顺序+蜂鸣器) Three-color alarm lamp (Red. Gre. Yel. + buzzer)		SHINI		优先级 Priority		24V 50/60Hz		1	BL90002401520		(1)		
28	X1X2X7	端子排/Terminal board		HONEYWELL		GK16PE		16mm <sup>2</sup> PE		2	YE60001603500				
29		端子排/Terminal board		HONEYWELL		GK16		16mm <sup>2</sup>		3	YE60001603200				
30		端子排/Terminal board		HONEYWELL		SK4		4mm <sup>2</sup>		11	YE60000403200				
31		端子排/Terminal board		HONEYWELL		GK5PE		4mm <sup>2</sup> PE		3	YE60000403500				
32		端子排/Terminal board		HONEYWELL		SK2.5		2.5mm <sup>2</sup>		18	YE60002503200				
33		端子排/Terminal board		HONEYWELL		GK2.5PE		2.5mm <sup>2</sup> PE		1	YE60002503400				
34		终端固定件E/GK系列 Terminal fittings E/GK series		HONEYWELL		---		E-GK		5	YE60000003900				
35	FM	风扇/Fan		SUNON		12×12CM/24V/50/60HZ		24VAC 40W		1	---		(1)		
36	M1	干燥风机/Drying blower		SHINI		RB-550		230V 3.75kW		1	---		(1)		
37	M2	再生风机/Regen. blower		SHINI		RB-310		230V 0.75kW		1	---		(1)		
38	M3	转轮马达/Honeycomb motor		Dongli		31K15GN-C-T		220V 230V 0.015kW		1	---		(1)		
39	EH1	干燥电热管/Drying pipe heater		SHINI		18KWSCD-600U/400H-B		08 3Φ230/400V (M16)		1	---		(1)		
40	EH2	再生电热管/Regen. pipe heater		SHINI		SD-400H/300H-7.2KW		3Φ230/400V		1	---		(1)		
机型版本Ver.E		注: (1)表示非电控箱内材料; (2)表示选配露点变送器(-D). Notes: (1)Means it 's not the material inside the control box. (2)Optional dew point transducer(-D).													
					制图		版本号	F	标题 SDD-600U(750U)/400H 电气元件明细表二		图号 SDD-600U(750U)/400H-CE-230V-F-7		比例	第 7 张	
					设计		核		 <b>信易電熱機械股份有限公司</b> <b>Shini Plastics Technologies, Inc.</b>		标准 CE		共 7 张		
					校对		准	机器电压			3Φ230V				
标记	更改前	更改后	更改人	日期	审核		日期	20221124			机器频率		50Hz		
1		2		3		4		5		6		7		8	






P=24kW  
IN=62A  
Drying heater

P=10kW  
IN=26.5A  
Regen heater

P=7.5kW  
IN=25.4A  
Drying blower

Ver.E

D	Drawer	Version	F	Title	SDD-900U/700H	Drawing NO.	SDD-900U/700H-CE-230V-F-1	Scale	Page 1
	Designer	Approved by		Main Circuit Diagram 1			CE	Totally 6 Pages	
	Proofread by	Date	20191111	 <b>信易電熱機械股份有限公司</b> <b>Shini Plastics Technologies, Inc.</b>		Voltage	3φ230V		
	Mark	Before modification	After modification			Modified by	Modify date	Checked by	Frequency

1

2

3

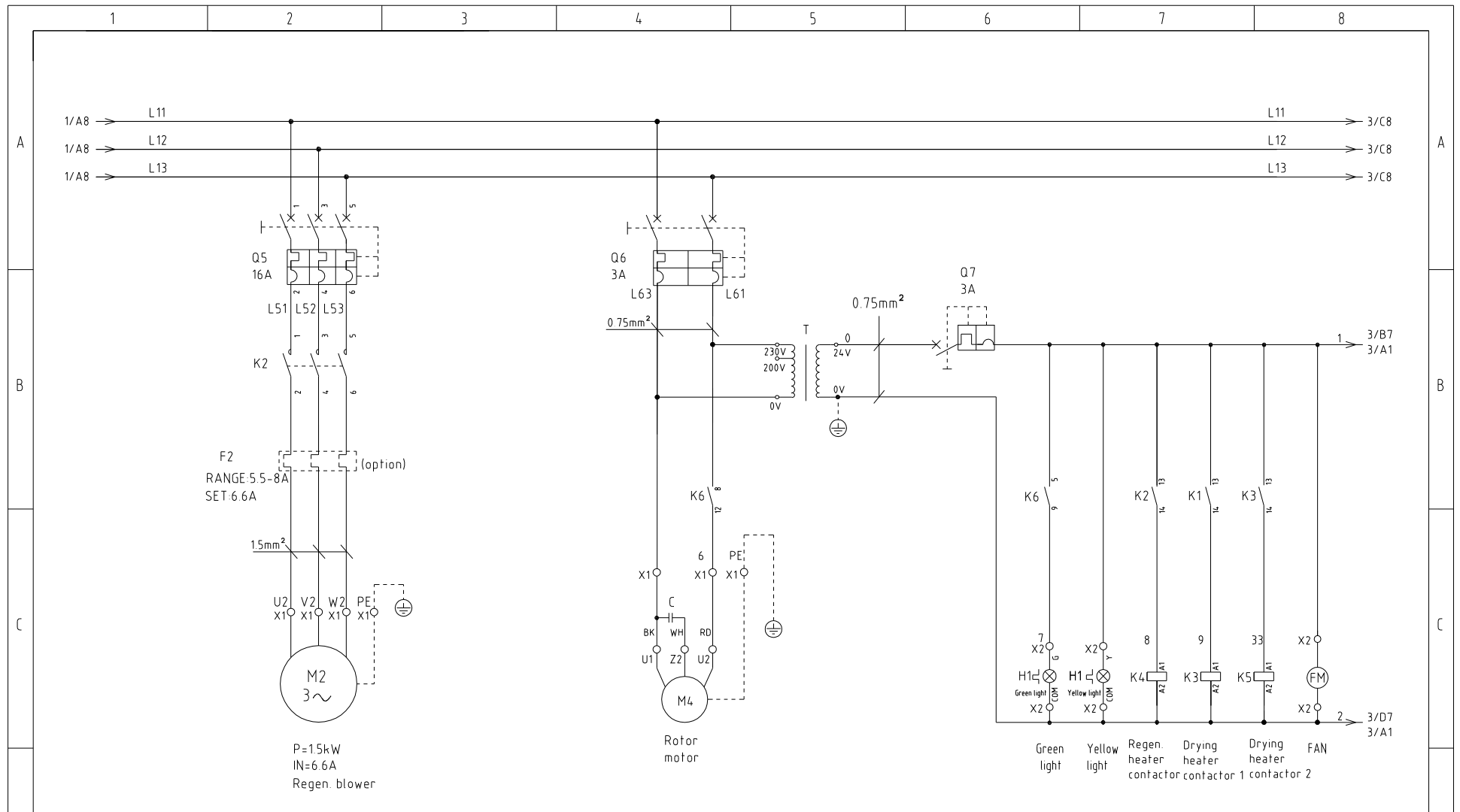
4

5

6

7

8



Ver.E

					Drawer	Version	F
					Designer	Approved by	
					Proofread by	Date	20191111
Mark	Before modification	After modification	Modified by	Modify date	Checked by		

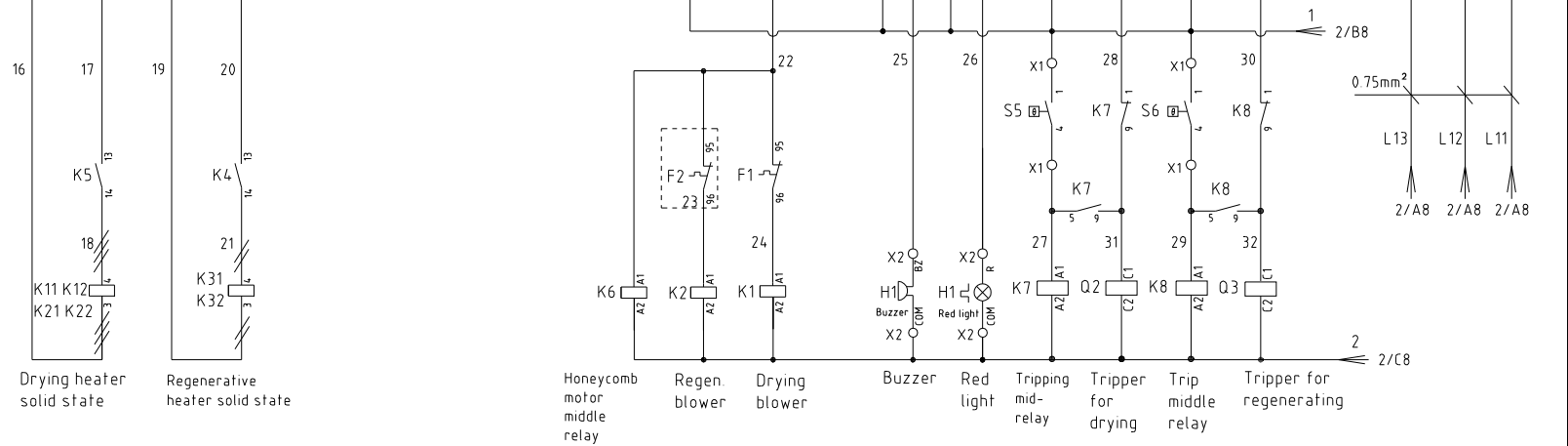
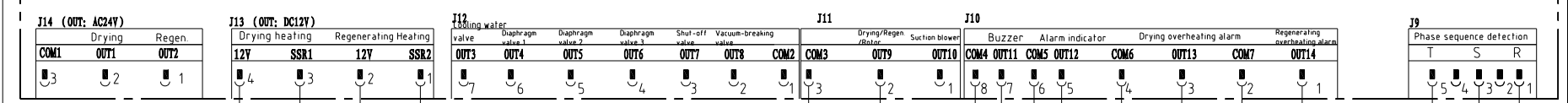
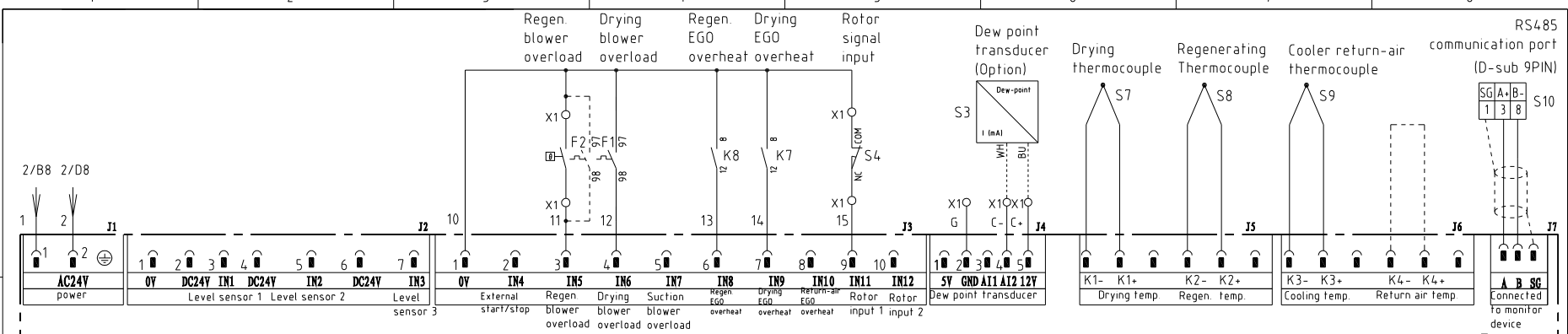
Title SDD-900U/700H  
Main Circuit Diagram 2

Drawing NO. SDD-900U/700H-CE-230V-F-2



Scale	Page 2
Standard CE	Totally 6 Pages
Voltage	3Φ230V
Frequency	50Hz

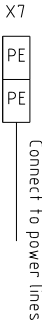
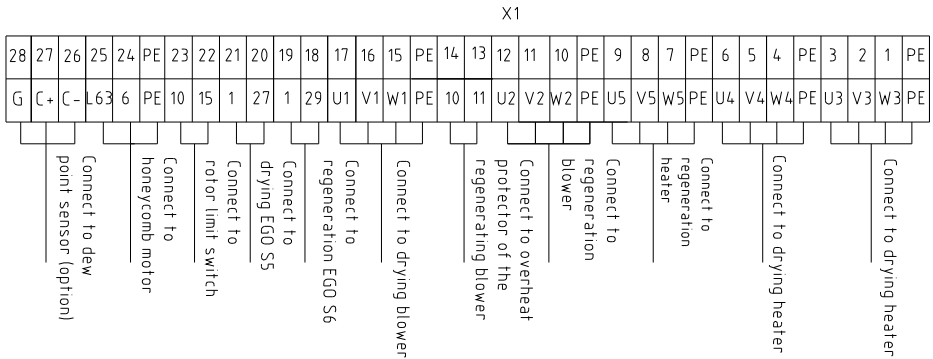
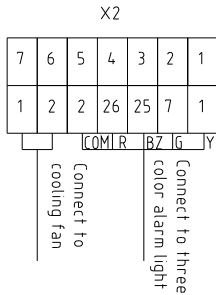
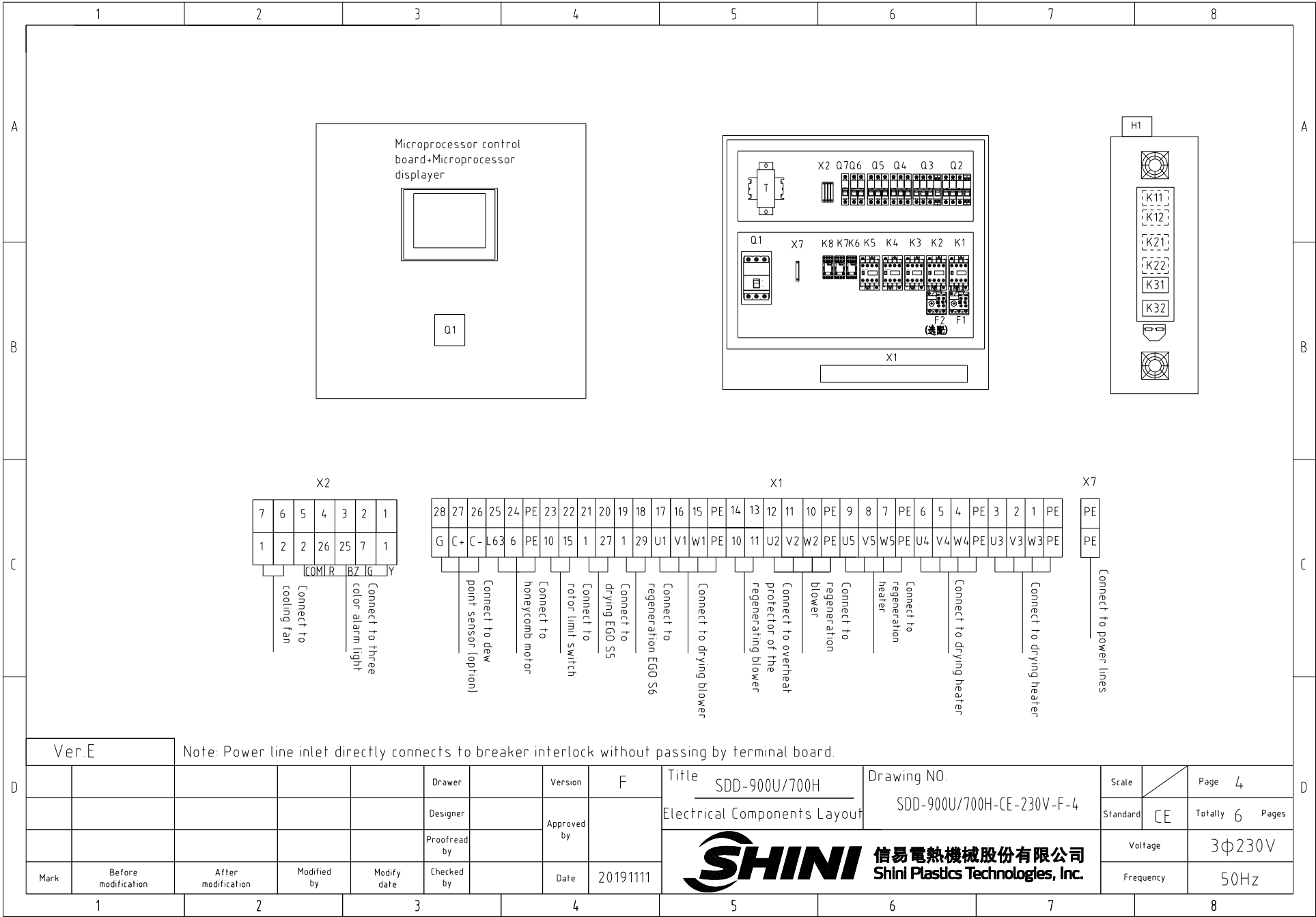
# PCB K. SF878500B



Ver E

Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date	20191111	Drawer Designer Proofread by Approved by Date	Version F	Title SDD-900U/700H Control Circuit Diagram	Drawing NO. SDD-900U/700H-CE-230V-F-3	Scale	Page 3
			Standard	CE	Totally 6	Pages							
			Voltage	3φ230V									
			Frequency	50Hz									

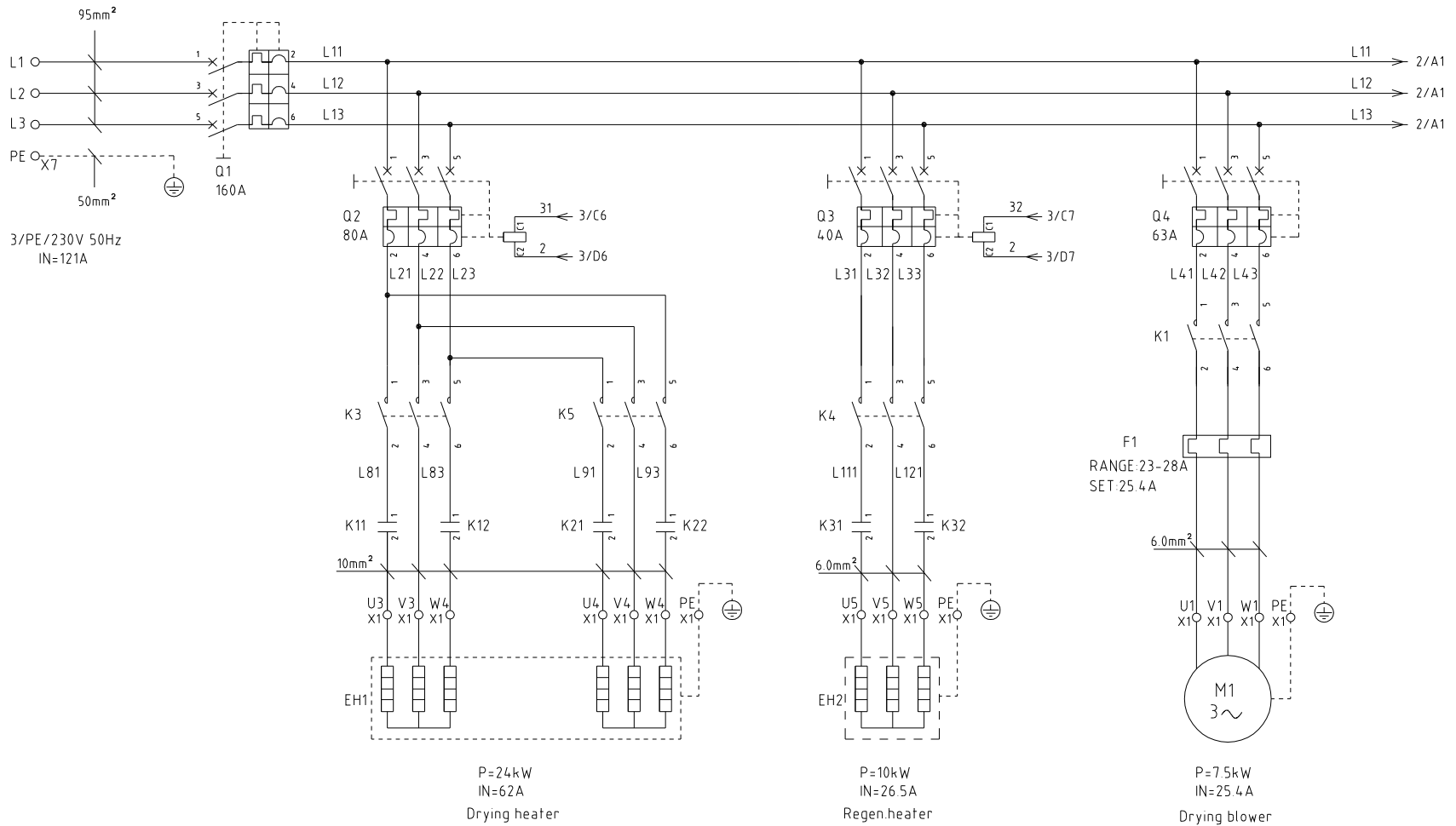




Ver.E		Note: Power line inlet directly connects to breaker interlock without passing by terminal board.						Title SDD-900U/700H		Drawing NO. SDD-900U/700H-CE-230V-F-4		Scale	Page 4
		Designer		Version F		Approved by		Electrical Components Layout		Standard CE	Totally 6 Pages		
Mark		Before modification	After modification	Modified by	Modify date	Checked by	Date 20191111	<b>信易電熱機械股份有限公司</b> <b>Shini Plastics Technologies, Inc.</b>		Voltage	3φ230V		
										Frequency	50Hz		

1		2		3		4		5		6		7		8					
NO.	Symbol	Name		Manufacturer		Type		Specification		Number	Material number		Remark						
1	Q1	Break Interlock		ABB		A2B250TMF160/16003PFF		160A		1	YE41161500000								
2	Q2	Circuit-breaker		TECO		BM-100D/3080S 3P		80A		1	YE40308003000								
3	Q3	Circuit-breaker		TECO		BM-63C/3040S 3P		40A		1	YE40304003000								
4	Q4	Circuit-breaker		TECO		BM-63C/3063S 3P		63A		1	YE40306303000								
5	Q5	Circuit-breaker		TECO		BM-63C/3016S 3P		16A		1	YE40301603000								
6	Q6	Circuit-breaker		TECO		BM-63C/2003S 3A 2P		3A		1	YE40200203000								
7	Q7	Circuit-breaker		TECO		BM-63C/1003S 3A 1P		3A		2	YE40100203000								
8		Excitation release		YIJIN		MX		24V 50/60Hz		2	YE40024000000								
9	K1 K3 K4 K5	Contactor		SIEMENS		3RT6027-1AC20-24VAC		24V 50/60Hz		4	YE00602702600								
10	K2	Contactor		SIEMENS		3RT6016-1AB01-24VAC		24V 50/60Hz		1	YE00601602500								
11	K6 K7 K8	Middle relay		Honeywell		GR-2C-AC24V		base PGR-2C-E		3	YE03022400300								
12	K11 K12 K21 K22	Solid state relay		FOTEK		KSR-75DA-H		75A/480VAC/4-32VDC		2	YE03757503200								
13	K31 K32	Solid state relay		FOTEK		KSR-50DA-H		50A/480VAC/4-32VDC		2	YE03505003200								
14	F1	Overload relay		SIEMENS		3RU6126-4NB0		23-28A		1	YE01612620000								
15	F2	Overload relay		SIEMENS		3RU6116-1HB0		5.5-8A		1	YE01160550000		(3)						
16	T	Sensor thtransformer		JIUXIN		IN=230V/200V OUT=24V		230VA		1	YE70023007000								
17	PCB	Microprocessor control board+ Microprocessor displayer		PUMP		K.SF878500B		AC24V		1	YE81878500300								
18	S3	Dew-point transducer		SUTO		217-0EM		IN=24VDC OUT=4-20mA		1	YE90021700100		(1)(2)						
19	S4	Micro switch		CHOYI		CYLXW-5/11G2		AC380V DC220V		1	---		(1)						
20	S5 S6	EGO assembly		EGO		( 55.13262.160)		115-320°C		2	---		(1)						
21	S7,S8,S9	Thermocouple		SHINI		---		K		3	---		(1)						
22	S10	Communication interface board RS-485 (double Dsub-9pin connector)		YUYUN		---		485ToDsub_V23		1	YE90048501200								
23		Shell RS485(SAL-700G-A-19)0		BINCHENG		---		---		1	YR40048500000								
24	H1	Three color alarm light (Red, green, yellow lights + buzzer)		SHINI		Priority(height increased)		24V 50/60Hz		1	BL90242201520		(1)						
25	X7	Terminal board		NACHI		NCT-50PE		50mm <sup>2</sup> PE		1	YE61005040100								
Ver E		Notes: (1)Means it's not the material inside the control box.(2)Optional dew point transducer(-D); (3)Optional thermal overload relay.																	
						Drawer		Version		F		Title		Drawing NO.		Scale		Page 5	
						Designer		Approved by				SDD-900U/700H		SDD-900U/700H-CE-230V-F-5		Standard CE		Totally 6 Pages	
						Proofread by		Date		20191111		 <b>信易電熱機械股份有限公司</b> <b>Shini Plastics Technologies, Inc.</b>		Voltage		3Φ230V			
Mark		Before modification		After modification		Modified by		Modify date		Checked by				Frequency		50Hz			
1		2		3		4		5		6		7		8					





Ver.G

Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date	20191111

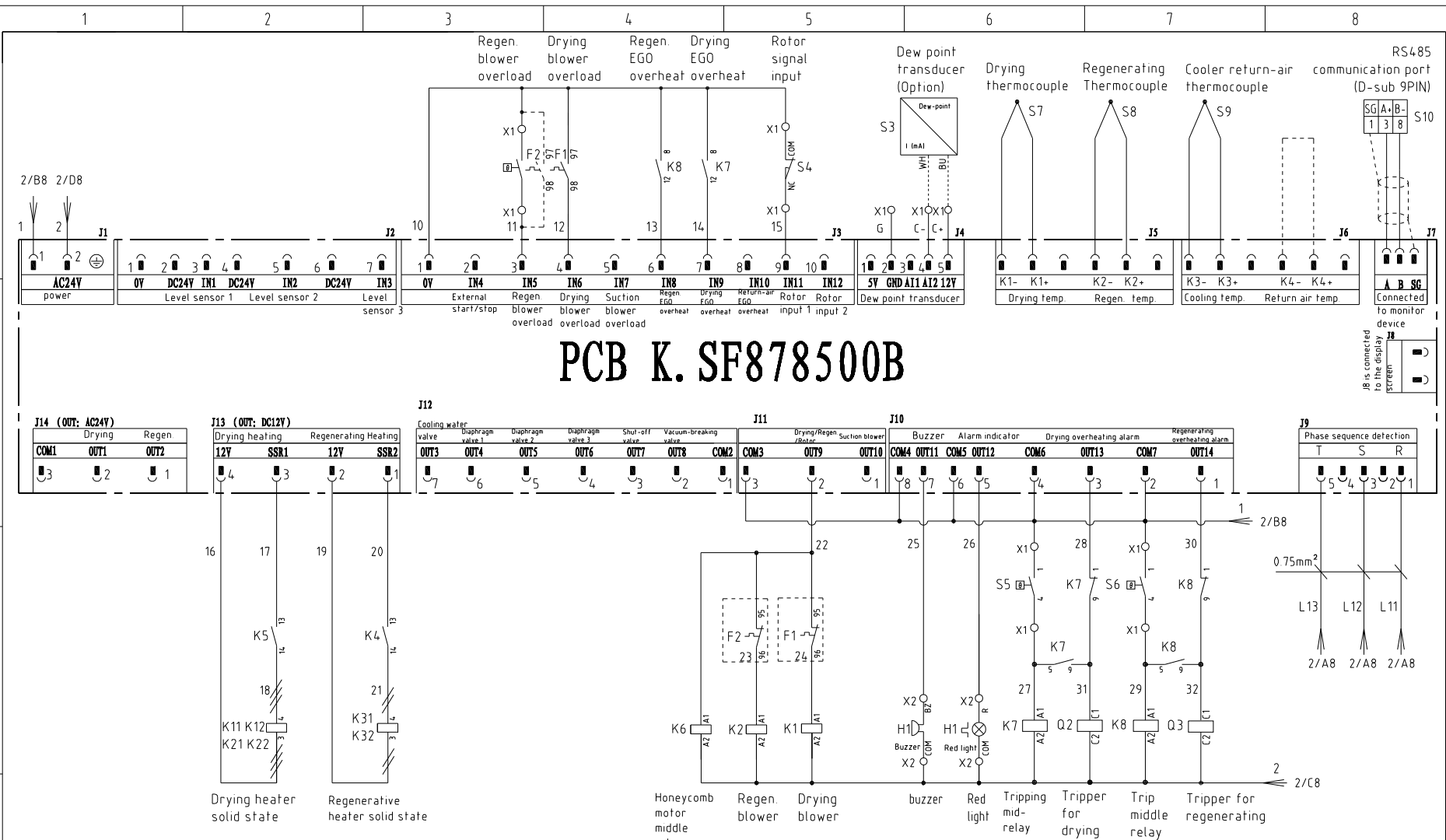
Title		SDD-1200U/700H		Drawing NO.		SDD-1200U/700H-CE-230V-F-1	
Main Circuit Diagram 1				Scale		Page 1	
				Standard		CE	
				Voltage		3φ230V	
				Frequency		50Hz	







# PCB K. SF878500B



Ver.G

		Drawer	Version	F	Title	Drawing NO.	Scale	Page
		Designer	Approved by		SDD-1200U/700H	SDD-1200U/700H-CE-230V-F-3	CE	3
		Proofread by	Checked by		Control Circuit Diagram			Totally 6 Pages
Mark	Before modification	After modification	Modified by	Modify date	Date	20191111	Voltage	3φ230V
1	2	3	4	5	6	7	Frequency	50Hz



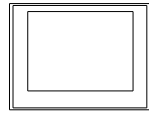
RS485 communication port (D-sub 9PIN)  
 SGA B- 1 3 8 S10  
 Connected to monitor device

J14 (OUT: AC24V)  
 J13 (OUT: DC12V)  
 J11  
 J10  
 J9

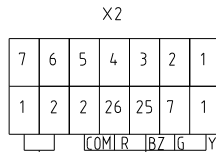
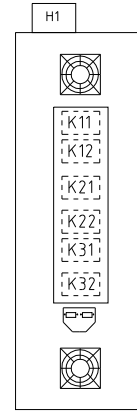
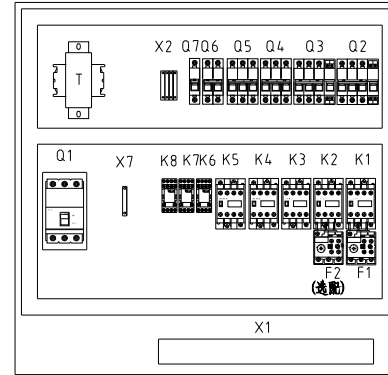
Phase sequence detection  
 T S R  
 2/A8 2/A8 2/A8

2/B8  
 2/C8

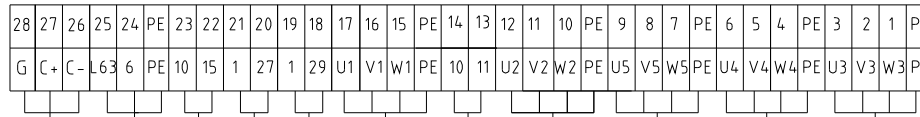
Microprocessor control board+Microprocessor displayer



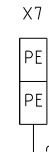
Q1



Connect to cooling fan  
Connect to three color alarm light



Connect to point sensor (option)  
Connect to honeycomb motor  
Connect to rotor limit switch  
Connect to drying EGO S5  
Connect to regeneration EGO S6  
Connect to drying blower  
Connect to overhear protector of the regenerating blower  
Connect to regeneration blower  
Connect to regeneration heater  
Connect to regeneration heater  
Connect to drying heater  
Connect to drying heater



Connect to power lines

Ver G

Note: Power line inlet directly connects to breaker interlock without passing by terminal board.

Title		SDD-1200U/700H		Drawing NO.		SDD-1200U/700H-CE-230V-F-4		Scale	Page	4	
Electrical Components Layout		Approved by		Date		20191111		Standard	CE	Totally	6 Pages
Voltage		3φ230V		Frequency		50Hz					



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

Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date	20191111
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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	Break Interlock		ABB		A2B250TMF160/16003PFF		160A		1	YE41161500000								
2	Q2	Circuit-breaker		TECO		BM-100D/3080S 3P		80A		1	YE40308003000								
3	Q3	Circuit-breaker		TECO		BM-63C/3040S 3P		40A		1	YE40304003000								
4	Q4	Circuit-breaker		TECO		BM-63C/3063S 3P		63A		1	YE40306303000								
5	Q5	Circuit-breaker		TECO		BM-63C/3016S 3P		16A		1	YE40301603000								
6	Q6	Circuit-breaker		TECO		BM-63C/2003S 3A 2P		3A		1	YE40200203000								
7	Q7	Circuit-breaker		TECO		BM-63C/1003S 3A 1P		3A		2	YE40100203000								
8		Excitation release		YIJIN		MX		24V 50/60Hz		2	YE40024000000								
9	K1 K3 K4 K5	Contactor		SIEMENS		3RT6027-1AC20-24VAC		24V 50/60Hz		4	YE00602702600								
10	K2	Contactor		SIEMENS		3RT6016-1AB01-24VAC		24V 50/60Hz		1	YE00601602500								
11	K6 K7 K8	Mid-relay		Honeywell		GR-2C-AC24V		base PGR-2C-E		3	YE03022400300								
12	K11 K12 K21 K22	Solid state relay		FOTEK		KSR-75DA-H		75A/480VAC/4-32VDC		2	YE03757503200								
13	K31 K32	Solid state relay		FOTEK		KSR-50DA-H		50A/480VAC/4-32VDC		2	YE03505003200								
14	F1	Overload relay		SIEMENS		3RU6126-4NB0		23-28A		1	YE01612620000								
15	F2	Overload relay		SIEMENS		3RU6116-1HB0		5.5-8A		1	YE01160550000		(3)						
16	T	Sensor thransformer		JIUXIN		IN=230V/200V OUT=24V		230VA		1	YE70023007000								
17	PCB	Microprocessor control board- Microprocessor displayer		PUMP		K.SF878500B		AC24V		1	YE81878500300								
18	S3	Dew-point transducer		SUTO		217-OEM		IN=24VDC OUT=4-20mA		1	YE90021700100		(1)(2)						
19	S4	Micro switch		CHOYI		CYLXW-5/11G2		AC380V DC220V		1	---		(1)						
20	S5 S6	EGO assembly		EGO		( 55.13262.160)		115-320°C		2	---		(1)						
21	S7,S8,S9	Thermocouple		SHINI		---		K		3	---		(1)						
22	S10	Communication interface board RS-485 (double Dsub-9pin connector)		YUYUN		---		485ToDsub_V23		1	YE90048501200								
23		Shell RS485(SAL-700G-A-19)0		BINCHENG		---		---		1	YR40048500000								
24	H1	Three color alarm light (Red, green, yellow lights + buzzer)		SHINI		Priority(height increased)		24V 50/60Hz		1	BL90242201520		(1)						
25	X7	Terminal board		NACHI		NCT-50PE		50mm <sup>2</sup> PE		1	YE61005040100								
Ver G		Notes: (1)Means it's not the material inside the control box. (2)Optional dew point transducer(-D) (3)Optional thermal overload relay.																	
						Drawer		Version		F		Title		Drawing NO.		Scale		Page 5	
						Designer		Approved by				SDD-1200U/700H Electrical Components List 1		SDD-1200U/700H-CE-230V-F-5		Standard CE		Totally 6 Pages	
						Proofread by		Date		20191111		 <b>信易電熱機械股份有限公司</b> <b>Shini Plastics Technologies, Inc.</b>		Voltage		3Φ230V			
Mark		Before modification		After modification		Modified by		Modify date		Checked by				Frequency		50Hz			
1		2		3		4		5		6		7		8					

