

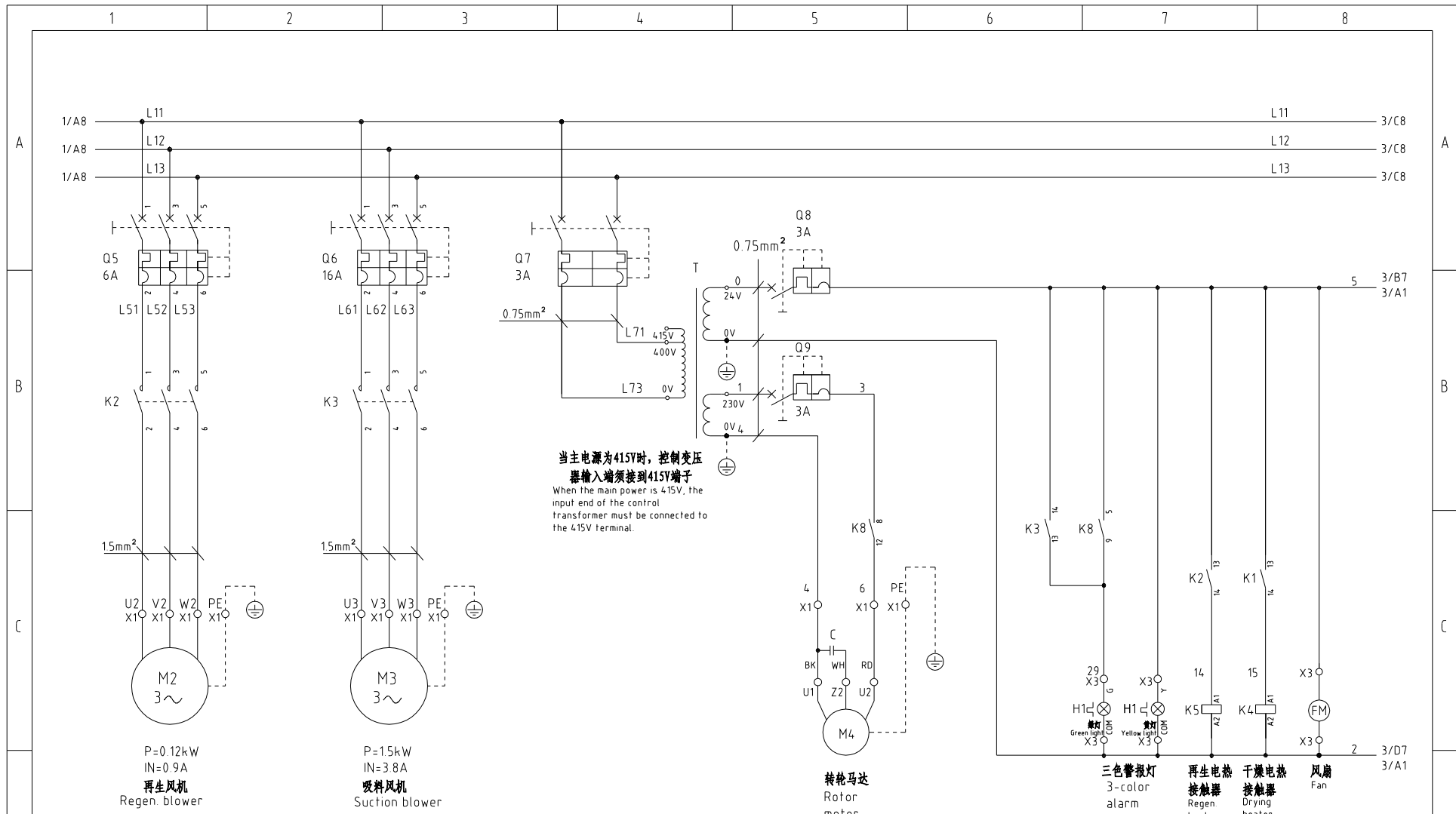
机型版本 Ver.G

				制图		版号		K		标题		图号		比例		第 1 张					
				设计		核准				SCD-40U(80U)/40H		SCD-40U(80U)/40H-CE-400V-K-1		CE		共 7 张					
				校对						主电路图一				机器电压		3φ400V					
标记		更改前		更改后		更改人		日期		审核		日期		2024.05.06		SHINI 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		机器频率		50Hz	

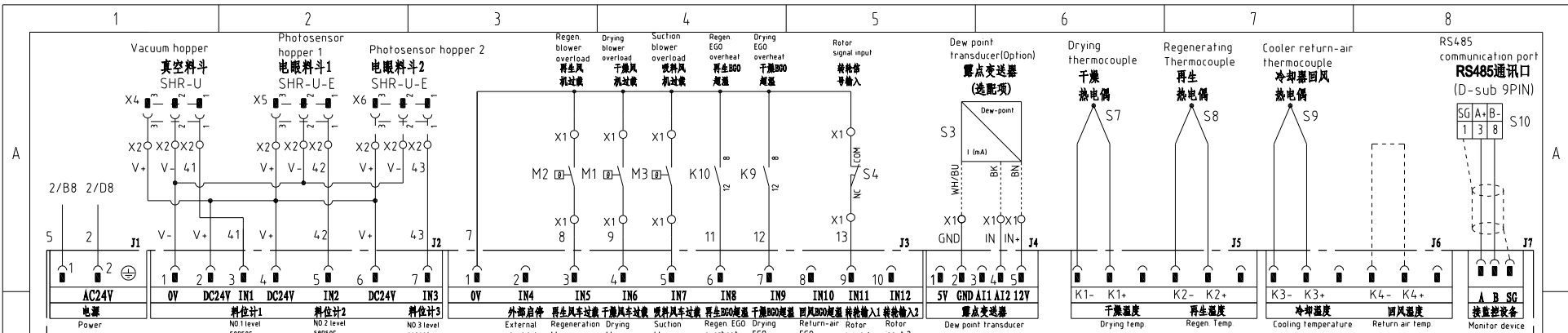


信易電熱機械股份有限公司
Shini Plastics Technologies, Inc.

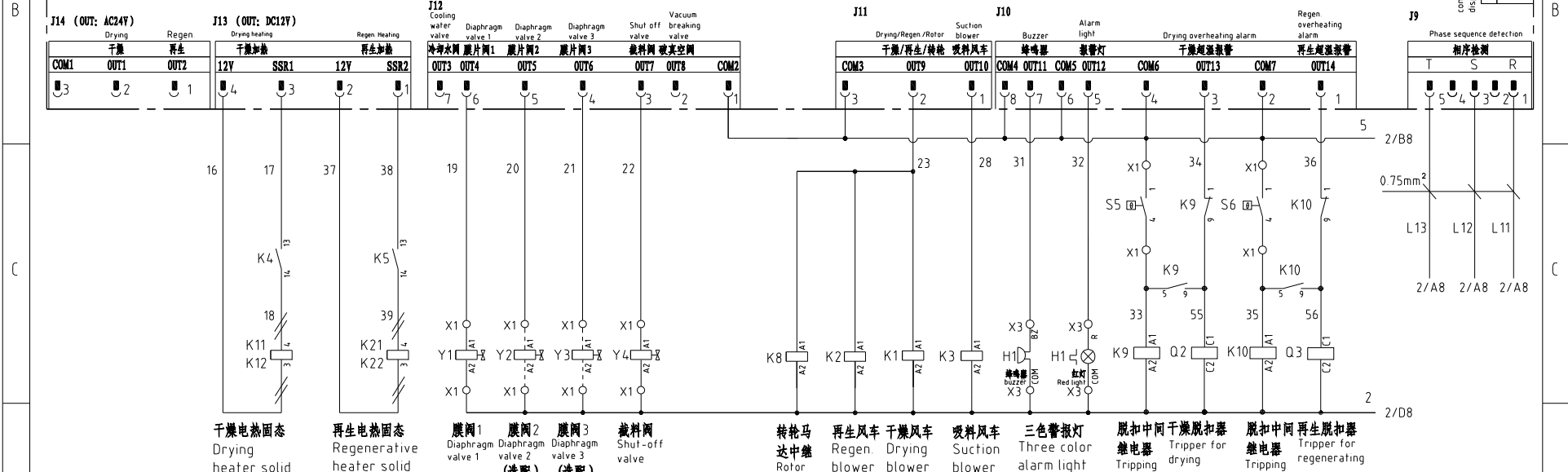
机器电压 3φ400V
机器频率 50Hz



机版本 Ver.G						制图	版号	K	标题	SCD-40U(80U)/40H 主电路图二	图号	SCD-40U(80U)/40H-CE-400V-K-2	比例	第 2 张
						设计	核准		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	2024.05.06		机器电压	3φ400V			
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

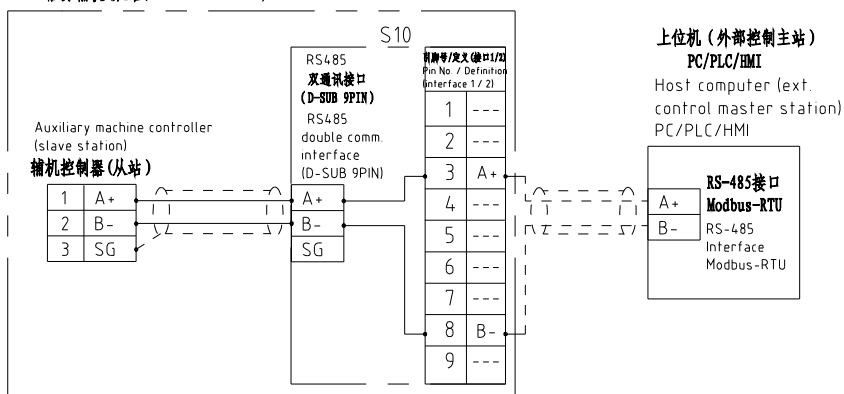
制图	版号	K	标题	SCD-40U(80U)/40H 控制电路图	图号	SCD-40U(80U)/40H-CE-400V-K-3	比例	第 3 张	
设计	核准						标准	CE	
校对	核准						机器电压	3φ400V	
标记	更改前	更改后	更改人	日期	审核	日期	20240506	机器频率	50Hz



信易辅机RS-485通讯接线示意图

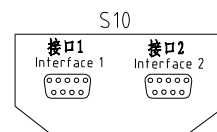
Shini auxiliary machine RS-485 comm. wiring diagram

信易辅机(从站) Shini auxiliary machine (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	-
	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	-

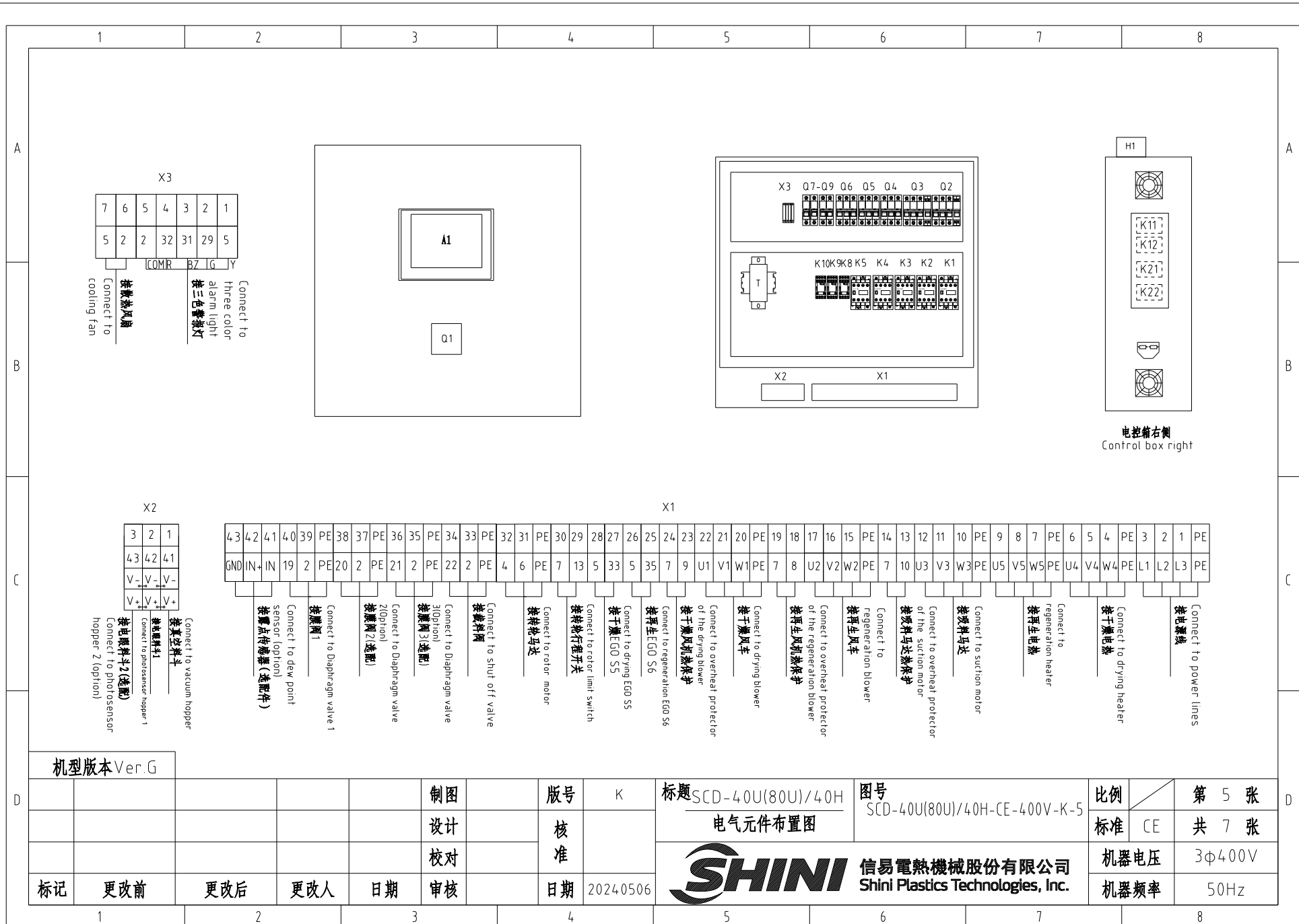
- 注: 1. 通讯接口: RS-485 (两线式)
 2. 通讯协议: Modbus-RTU
 3. 机器配备D-sub9母接头, 接口1和接口2内脚并联, 功能相同, 不分主次;

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.

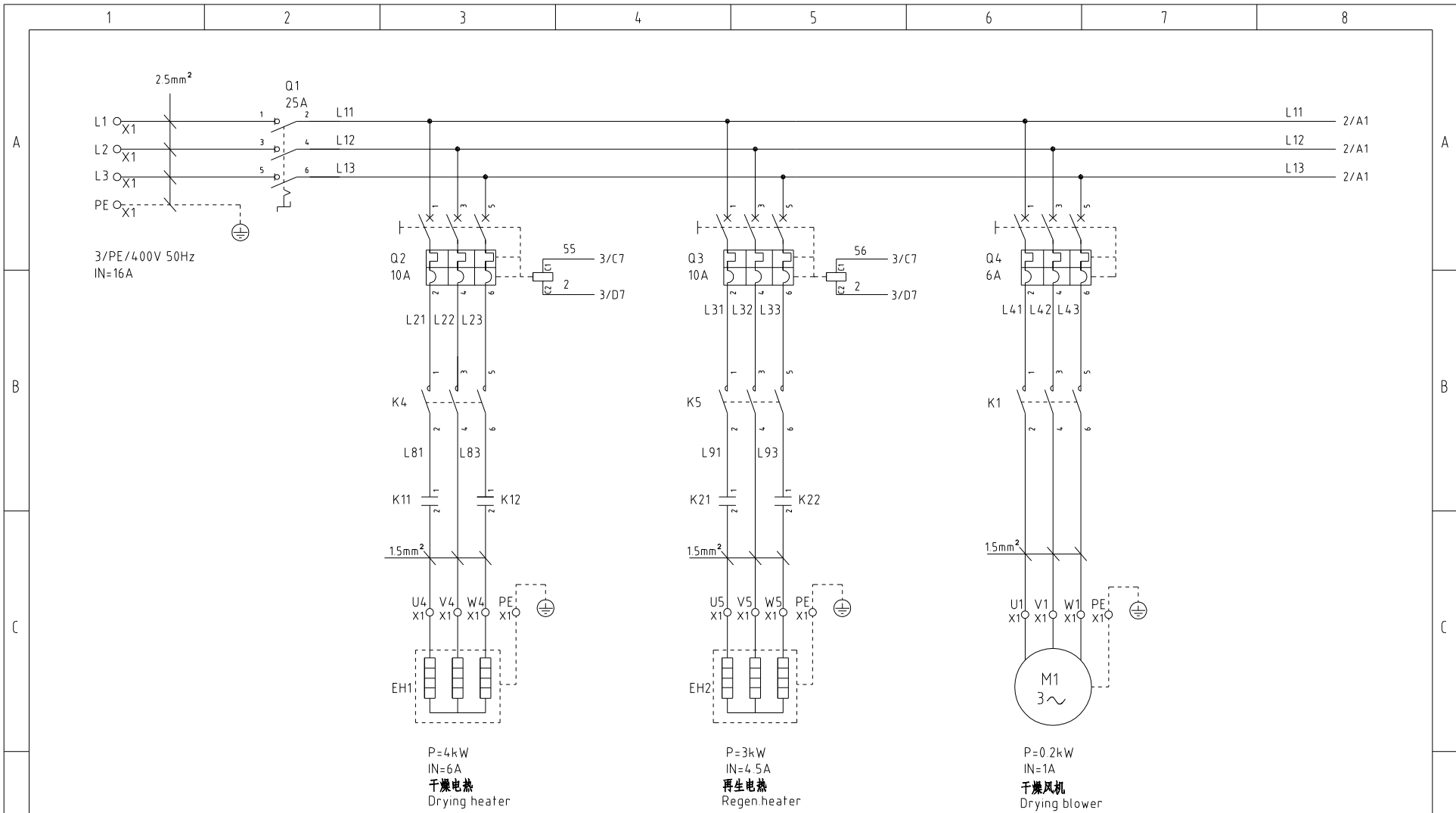
机型版本 Ver.G

制图		版号		K		标题		SCD-40U(80U)/40H		图号		SCD-40U(80U)/40H-CE-400V-K-4		比例		第 4 张	
设计		核准				通讯接口接线图				标准		CE		共 7 张			
校对		日期		2024.05.06		SHINI		信易电热机械股份有限公司		Shini Plastics Technologies, Inc.		机器电压		3φ400V			
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		
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		PCS	1	YE10125250000			
	2	Q2 Q3	断路器/Circuit-breaker		TECO		BM-63C 3P		10A		PCS	2	YE40301003000			
	3	Q4 Q5	断路器/Circuit-breaker		TECO		BM-63C 3P		6A		PCS	2	YE40300603000			
	4	Q6	断路器/Circuit-breaker		TECO		BM-63C/3016S 16A 3P		16A		PCS	1	YE40301603000			
	5	Q7	断路器/Circuit-breaker		TECO		BM-63C/2003S 3A 2P		3A		PCS	1	YE40200203000			
	6	Q8 Q9	断路器/Circuit-breaker		TECO		BM-63C/1003S 3A 1P		3A		PCS	2	YE40100203000			
	7		励磁脱扣器/Excitation release		YIJIN		MX		24V 50/60Hz		PCS	2	YE40024000000			
B	8	K1 K2 K4 K5	接触器/Contactor		SIEMENS		3RT6015-1AB01-24VAC		24V 50/60Hz		PCS	4	YE00601502500			
	9	K3	接触器/Contactor		SIEMENS		3RT6016-1AB01-24VAC		24V 50/60Hz		PCS	1	YE00601602500			
	10	K8K9 K10	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=400V/415V OUT=24V/230V		120VA 350MA		PCS	1	YE70040007300			
	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	三色警報燈(紅黃藍優先順序+蜂鳴器)SMT-P-AC/DC24 3-color alarm lamp		SHINI		优先级 Priority		24V 50/60Hz		PCS	1	BL90002401520 (1)			
	18	X1 X3	端子排/Terminal board		HONEYWELL		SK4		4mm ²		PCS	24	YE60000403200			
	19		端子排/Terminal board		HONEYWELL		GK5PE		4mm ² PE		PCS	6	YE60000403500			
	20		端子排/Terminal board		HONEYWELL		SK2.5		2.5mm ²		PCS	26	YE60002503200			
	21		端子排/Terminal board		HONEYWELL		GK2.5PE		2.5mm ² PE		PCS	5	YE60002503400			
	22	X2	端子排/Terminal board		HONEYWELL		三层弹簧#SK25-TL Three-layer spring terminal		10A 250V		PCS	3	YE60002503600			
	23		端子排/Terminal board		HONEYWELL		SK-2.5TL桥接件 bridgeware		10A 250V		PCS	0.6	YE60001003600			
	24		终端固定件E/GK系列 Terminal fittings E/GK series		HONEYWELL		E		GK		PCS	5	YE60000003900			
	25	X4,X5	重载插插件/Heavy-duty plug-in		Harting		4P+PE(母座 Female)Han 4A-F		4P		PCS	3	YE68000401400 (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); (3)表示选配一对二(-M2); Notes: (1)Means it's not the material inside the control box. (2)Optional dew point transducer (3)Optional "1-to-2"(-M2);																
D					制图		版号		K		标题		SCD-40U(80U)/40H		图号	
					设计		核		电器明细		SCD-40U(80U)/40H-CE-400V-K-6		比例		第 6 张	
					校对		准				3φ/400V/50HZ (G)		标准		CE 共 7 张	
	标记		更改前		更改后		更改人		日期		20240506		 信易电热机械股份有限公司 Shini Plastics Technologies, Inc.		机器电压 3φ400V 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	单位/unit	数量/Number	物料编号/Material number	备注/Remark				
26	X6	电缆端2.5*4*4M(管型端子) Cable 2.5 * 4C * 4M (tube terminal)	Harting	4P+PE(母座 Female)Han 4A-F	4P	PCS	1	BE51250400450	(1) (3)				
--	S4	微动开关/Micro switch	CHOYI	CYLYW-5/11G2	AC380V DC220V		1	---	(1)				
--	S5 S6	组合体BGO/EGO assembly	EGO	55.13262.160	115-320°C		2	---	(1)				
--	S7 S8 S9	热电偶/Thermocouple	SHINI	---	K		3	---	(1)				
--	Y1 Y4	电磁阀/Solenoid valve	AirTAC	4V210-06	AC24V		2	---	(1)				
--	Y2 Y3	电磁阀/Solenoid valve	AirTAC	4V210-06	AC24V		2	---	(1)(3)				
--	FM	风扇/Fan	SUNON	12x12CM/24V/50/60HZ	24VAC		1	---	(1)				
--	M1	干燥风车/Drying blower	SHINI	A02-5622	400V 0.2kW 4"		1	---	(1)				
--	M2	再生风车/Regeneration blower	SHINI	A02-5622	400V 0.12kW 2.5"		1	---	(1)				
--	M3	吸料风车/Suction blower	SHINI	RB-420(3Φ230V/400V)	50/60HZ 1.5KW		1	---	(1)				
--	M4	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)				
Notes: (1)Means it 's not the material inside the control box. (2)Optional dew point transducer. (3)Optional "1-to-2"(-M2);													
注: (1)表示非电控箱内材料; (2)表示选配露点变送器(-D); (3)表示选配一对二(-M2);													
机型版本 Ver.G													
		制图		版号		标题		图号		比例		第 7 张	
		设计		核		SCD-40U(80U)/40H		SCD-40U(80U)/40H-CE-400V-K-7		标准		CE	
		校对		准		电气元件明细表二				机器电压		3φ400V	
标记		更改前		更改后		更改人		日期		审核		日期	
1		2		3		4		5		6		7	
								SHINI		信易电热机械股份有限公司		Shini Plastics Technologies, Inc.	
										机器频率		50Hz	



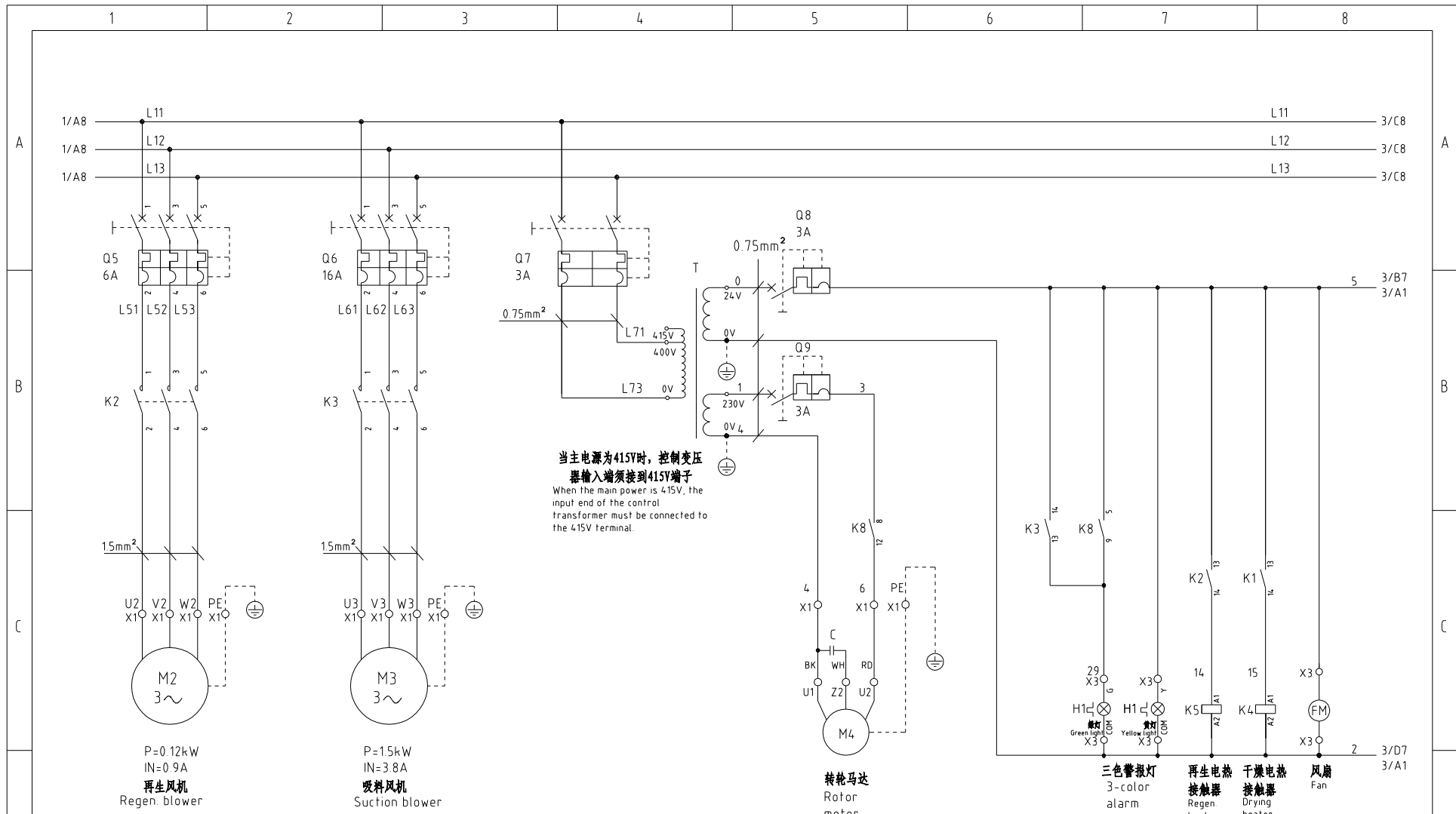
机型版本 Ver.G

				制图		版号		K		标题		图号		比例		第 1 张	
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				校对						主电路图一				机器电压		3φ400V	
标记		更改前		更改后		更改人		日期		审核				机器频率		50Hz	



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

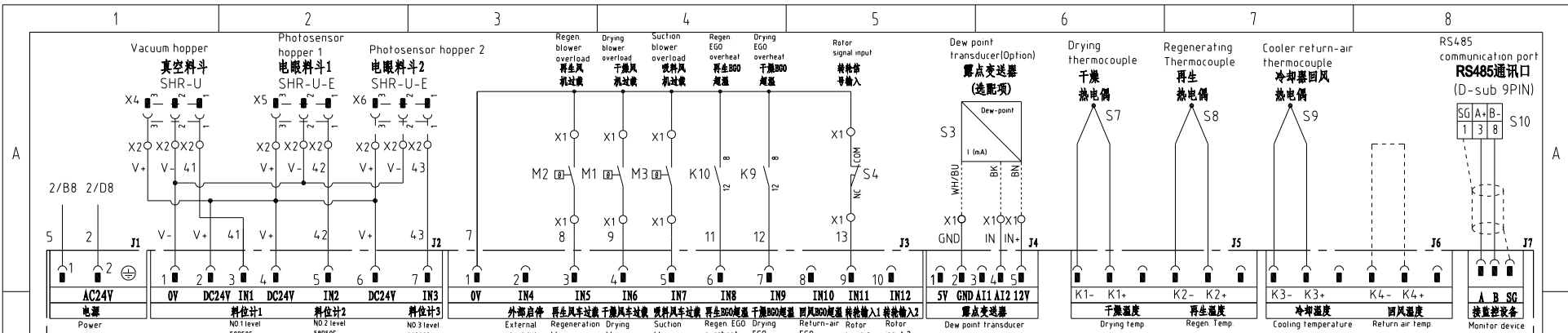
日期 2024.05.06



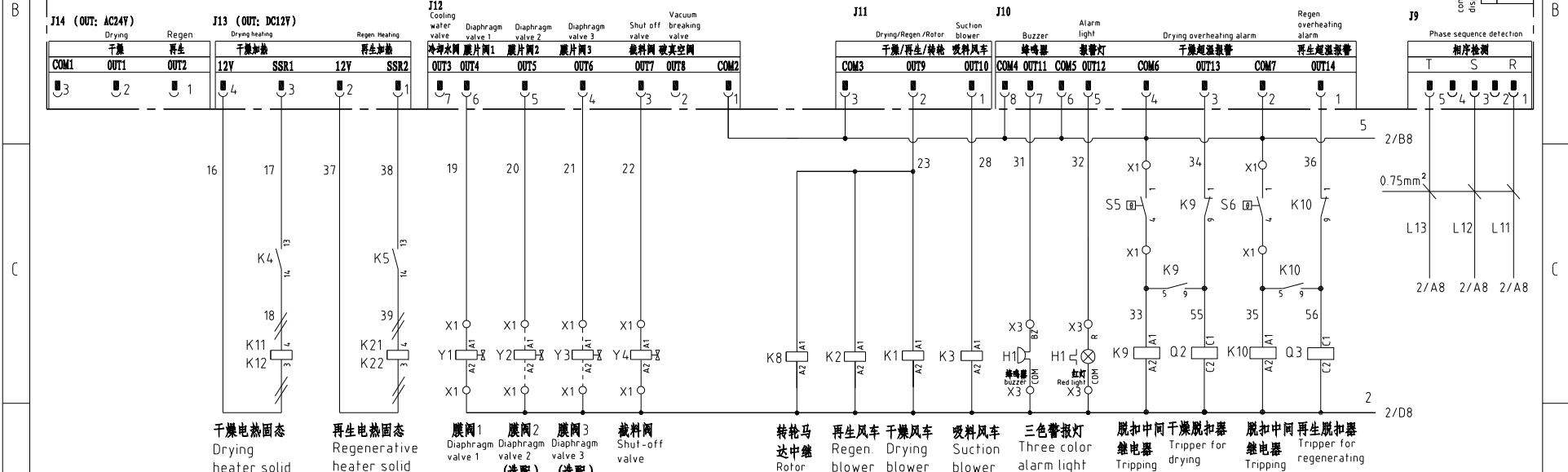
机型版本 Ver.G

						制图	版号	K	标题	SCD-40U(80U)/40H 主电路图二	图号	SCD-40U(80U)/40H-CE-400V-K-2	比例	第 2 张	
						设计	核准						标准	CE	共 7 张
						校对	核准						机器电压	3φ400V	
标记	更改前	更改后	更改人	日期	审核	日期	20240506						机器频率	50Hz	





A1 K. SF878500C



机型版本 Ver.G

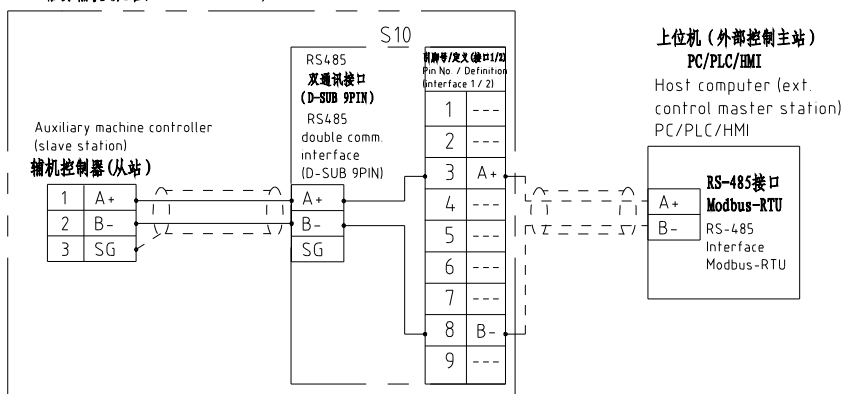
				制图		版号 K		标题 SCD-40U(80U)/40H		图号 SCD-40U(80U)/40H-CE-400V-K-3		比例		第 3 张	
				设计		核准		控制电路图				标准 CE		共 7 张	
				校对								机器电压		3φ400V	
标记		更改前		更改后		更改人		日期		审核		日期		20240506	
												机器频率		50Hz	



信易辅机RS-485通讯接线示意图

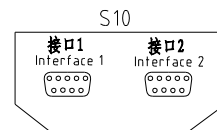
Shini auxiliary machine RS-485 comm. wiring diagram

信易辅机(从站) Shini auxiliary machine (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	-
	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内脚并联, 功能相同, 不分主次;

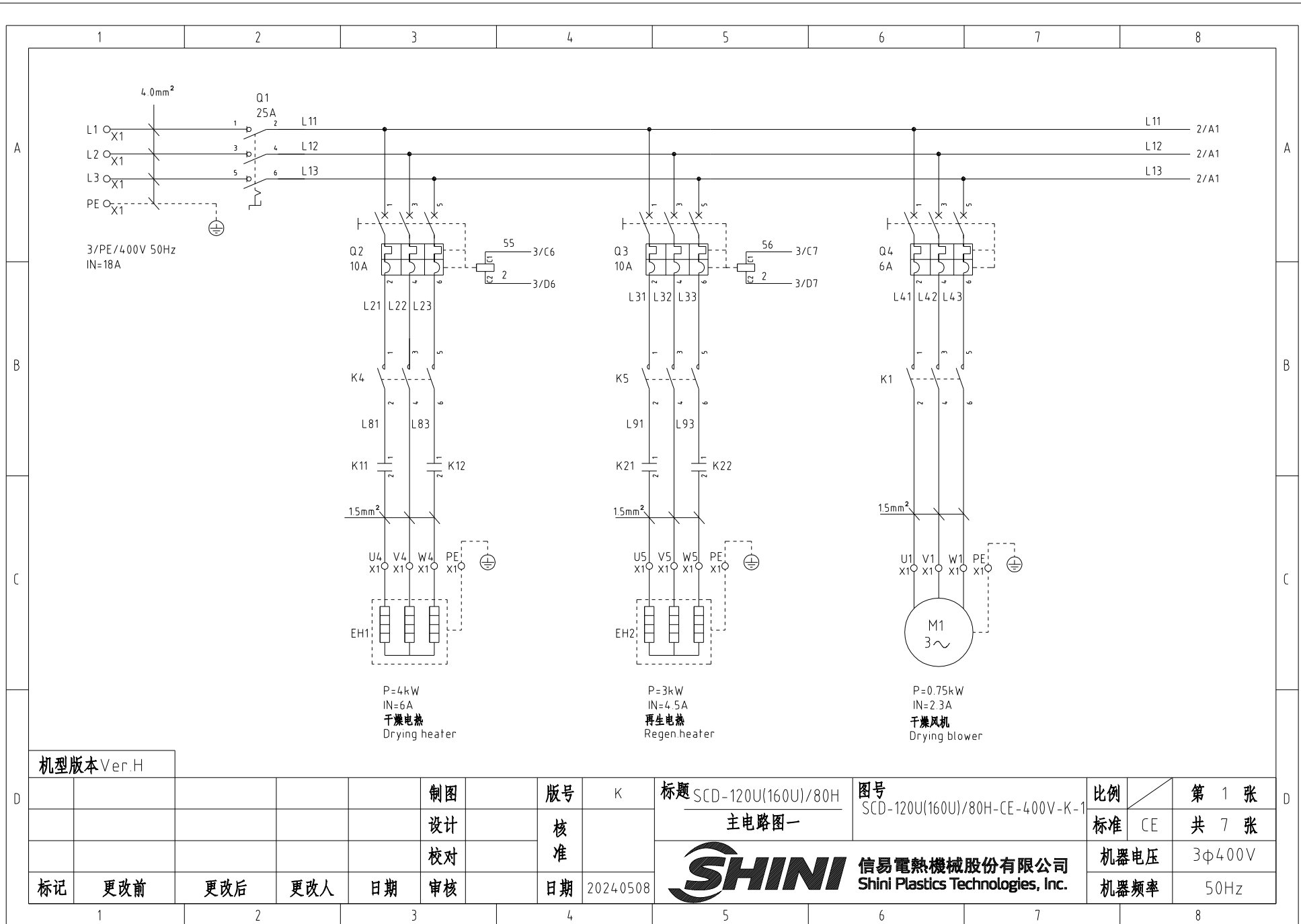
Note:

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

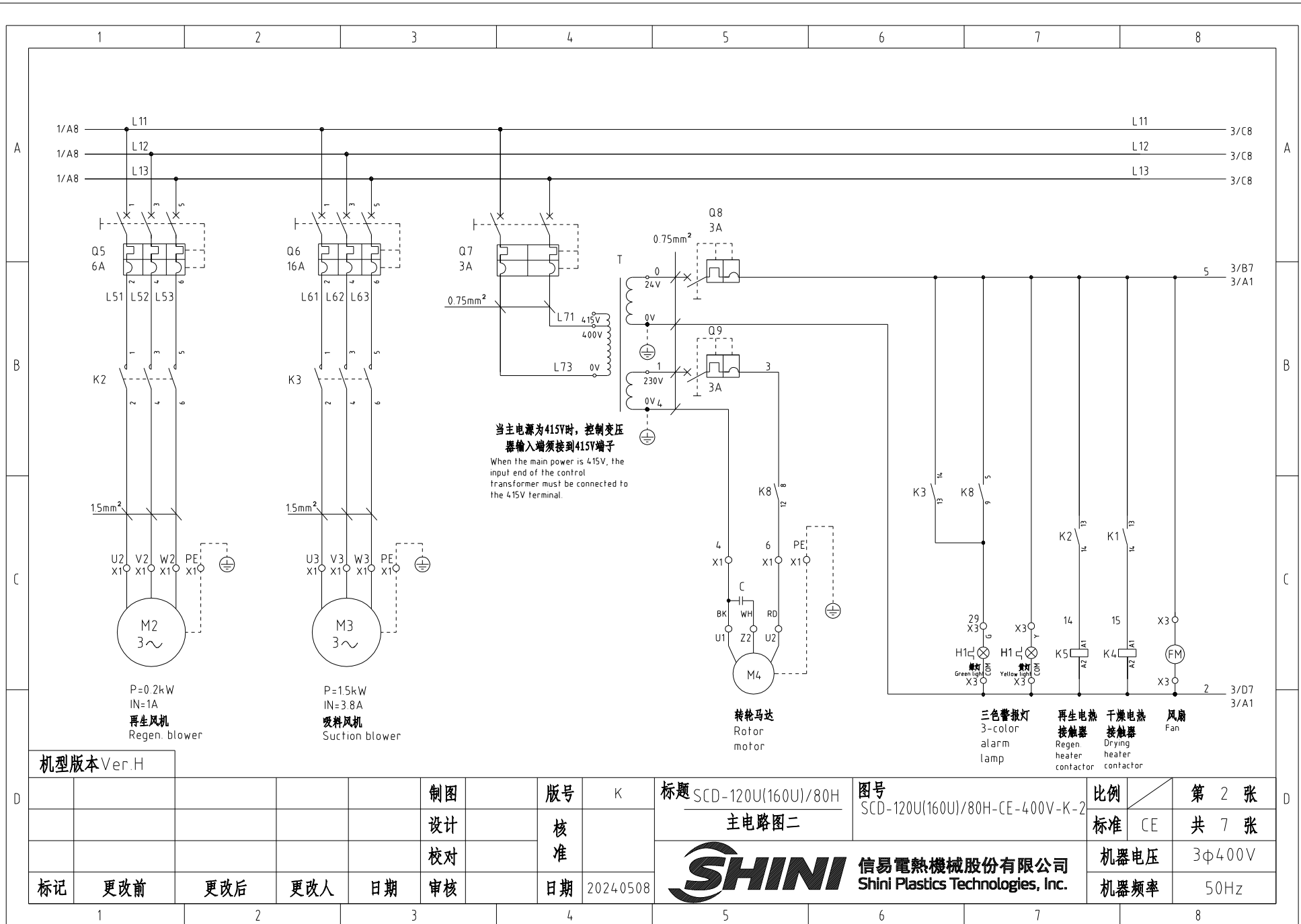
制图		版号		K		标题		SCD-40U(80U)/40H 通讯接口接线图		图号		SCD-40U(80U)/40H-CE-400V-K-4		比例		第 4 张		
设计		核准								标准		CE		共 7 张				
校核		日期		20240506		SHINI		信易电热机械股份有限公司 Shini Plastics Technologies, Inc.		机器电压		3φ400V		机器频率		50Hz		
标记	更改前	更改后	更改人	日期	审核	日期												

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		PCS	1	YE10125250000			
	2	Q2 Q3	断路器/Circuit-breaker		TECO		BM-63C 3P		10A		PCS	2	YE40301003000			
	3	Q4 Q5	断路器/Circuit-breaker		TECO		BM-63C 3P		6A		PCS	2	YE40300603000			
	4	Q6	断路器/Circuit-breaker		TECO		BM-63C/3016S 16A 3P		16A		PCS	1	YE40301603000			
	5	Q7	断路器/Circuit-breaker		TECO		BM-63C/2003S 3A 2P		3A		PCS	1	YE40200203000			
	6	Q8 Q9	断路器/Circuit-breaker		TECO		BM-63C/1003S 3A 1P		3A		PCS	2	YE40100203000			
	7		励磁脱扣器/Excitation release		YIJIN		MX		24V 50/60Hz		PCS	2	YE40024000000			
B	8	K1 K2 K4 K5	接触器/Contactor		SIEMENS		3RT6015-1AB01-24VAC		24V 50/60Hz		PCS	4	YE00601502500			
	9	K3	接触器/Contactor		SIEMENS		3RT6016-1AB01-24VAC		24V 50/60Hz		PCS	1	YE00601602500			
	10	K8K9 K10	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=400V/415V OUT=24V/230V		120VA 350MA		PCS	1	YE70040007300			
	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	三色警報燈(紅黃藍優先順序+蜂鳴器)SMT-P-AC/DC24 3-color alarm lamp		SHINI		优先级 Priority		24V 50/60Hz		PCS	1	BL90002401520 (1)			
	18	X1 X3	端子排/Terminal board		HONEYWELL		SK4		4mm ²		PCS	24	YE60000403200			
	19		端子排/Terminal board		HONEYWELL		GK5PE		4mm ² PE		PCS	6	YE60000403500			
	20		端子排/Terminal board		HONEYWELL		SK2.5		2.5mm ²		PCS	26	YE60002503200			
	21		端子排/Terminal board		HONEYWELL		GK2.5PE		2.5mm ² PE		PCS	5	YE60002503400			
	22	X2	端子排/Terminal board		HONEYWELL		三层弹簧#SK25-TL Three-layer spring terminal		10A 250V		PCS	3	YE60002503600			
	23		端子排/Terminal board		HONEYWELL		SK-2.5TL桥接件 bridgeware		10A 250V		PCS	0.6	YE60001003600			
	24		终端固定件E/GK系列 Terminal fittings E/GK series		HONEYWELL		E		GK		PCS	5	YE60000003900			
	25	X4,X5	重载插插件/Heavy-duty plug-in		Harting		4P+PE(母座 Female)Han 4A-F		4P		PCS	3	YE68000401400 (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); (3)表示选配一对二(-M2); Notes: (1)Means it's not the material inside the control box. (2)Optional dew point transducer (3)Optional "1-to-2"(-M2);																
D					制图		版号		标题		图号		比例		第 6 张	
					设计		核		电器明细		SCD-40U(80U)/40H-CE-400V-K-6		标准		CE 共 7 张	
					校对		准		 信易电热机械股份有限公司 Shini Plastics Technologies, Inc.		机器电压		3φ400V			
	标记		更改前		更改后		更改人				日期		20240506		机器频率	
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机型版本 Ver.H

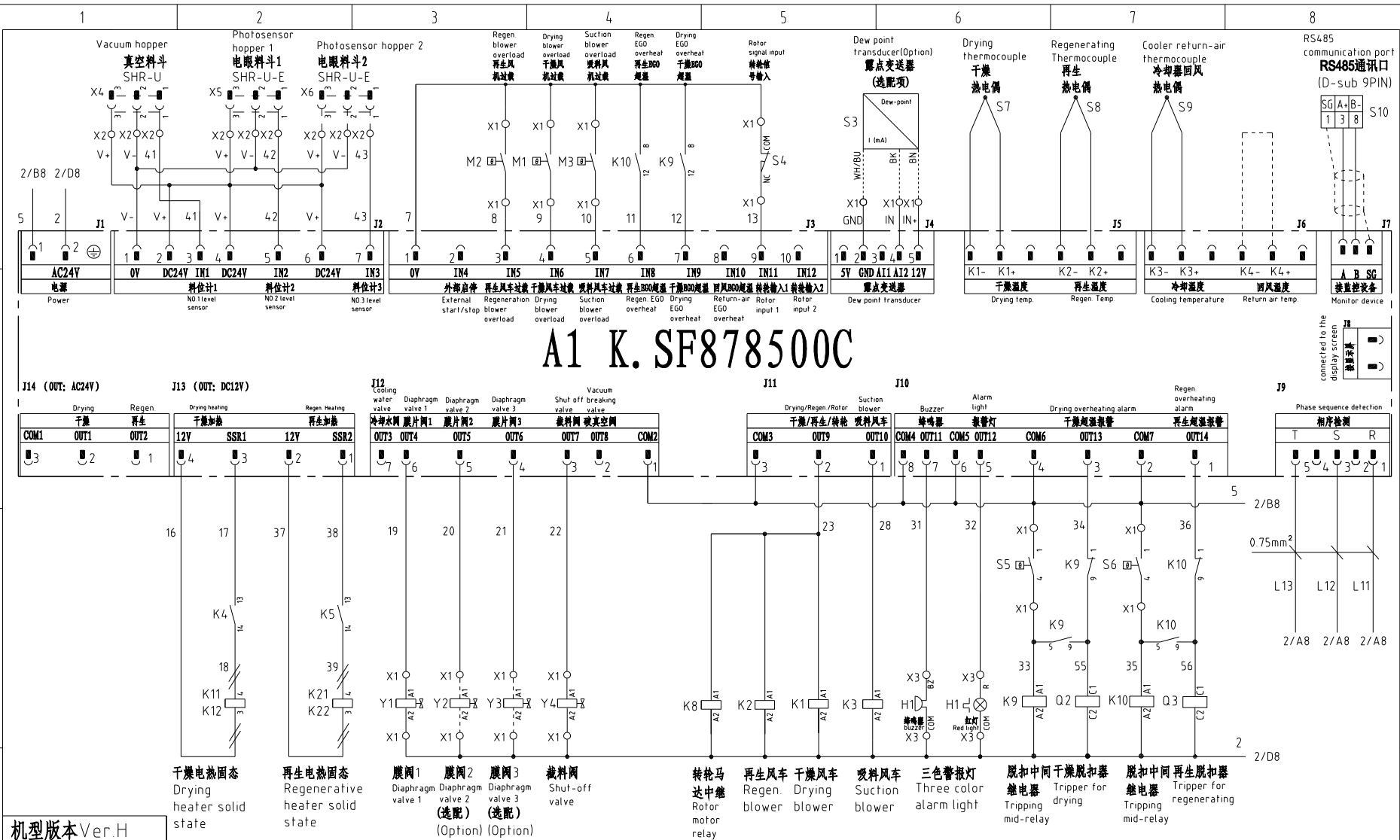
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			设计	核准		 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.	标准	CE	共 7 张		
			校对	日期	2024.05.08		机器电压	3φ400V			
标记	更改前	更改后	更改人	日期	审核	日期	2024.05.08	机器频率	50Hz		



机型版本 Ver.H

						制图	版号	K	标题	SCD-120U(160U)/80H 主电路图二	图号	SCD-120U(160U)/80H-CE-400V-K-2	比例	第 2 张
						设计	核准		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	核准				机器电压	3φ400V		
标记	更改前	更改后	更改人	日期	审核	日期	20240508				机器频率	50Hz		

A1 K. SF878500C



机型版本 Ver.H

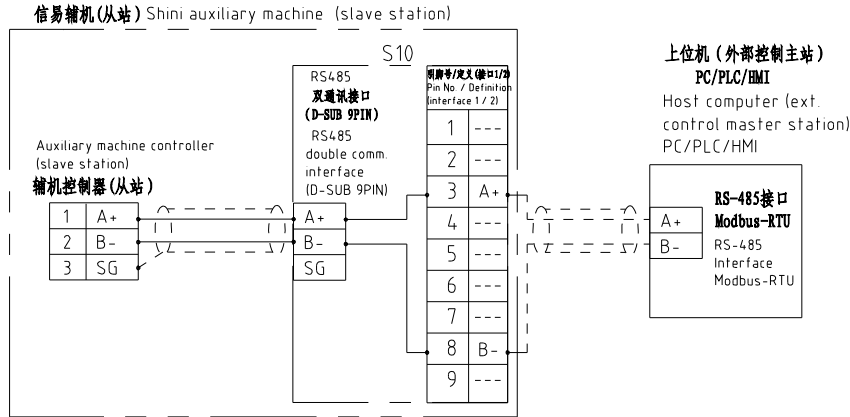
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				设计		核准						标准 CE		共 7 张	
				校对								机器电压		3φ400V	
标记		更改前		更改后		更改人		日期		审核		日期		20240508	
												机器频率		50Hz	



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

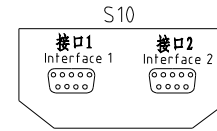
信易辅机RS-485通讯接线示意图

Shini auxiliary machine 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, 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)

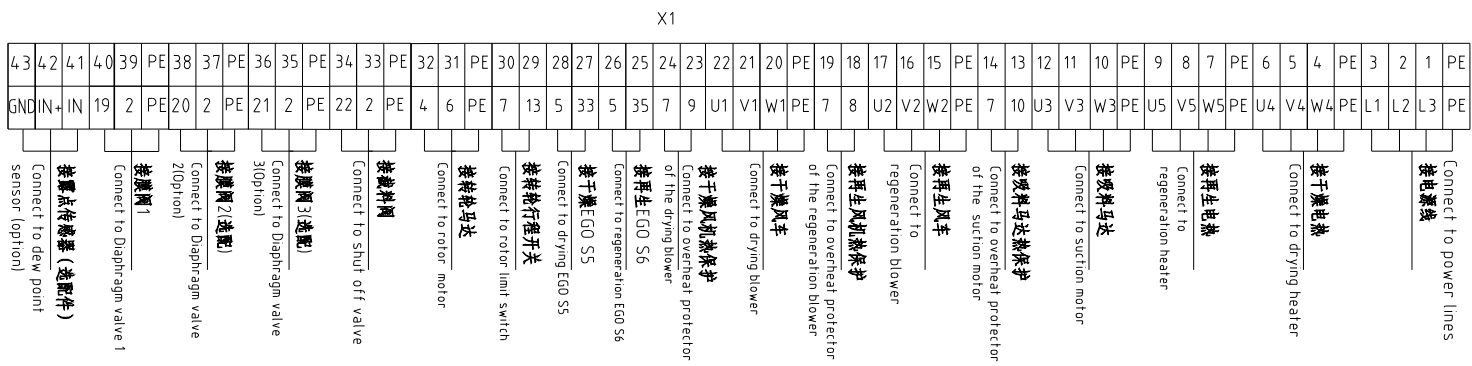
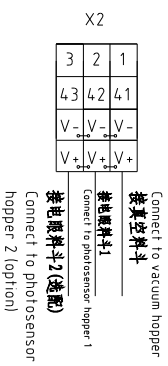
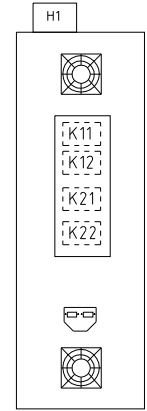
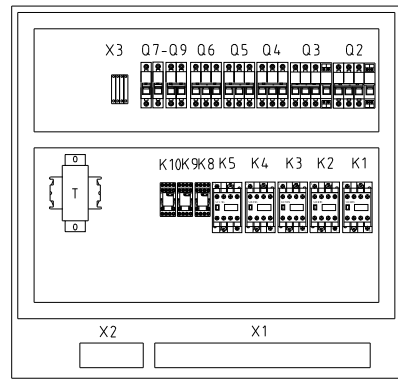
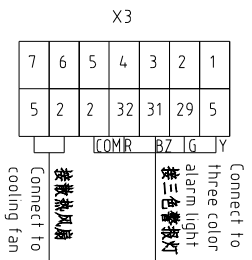
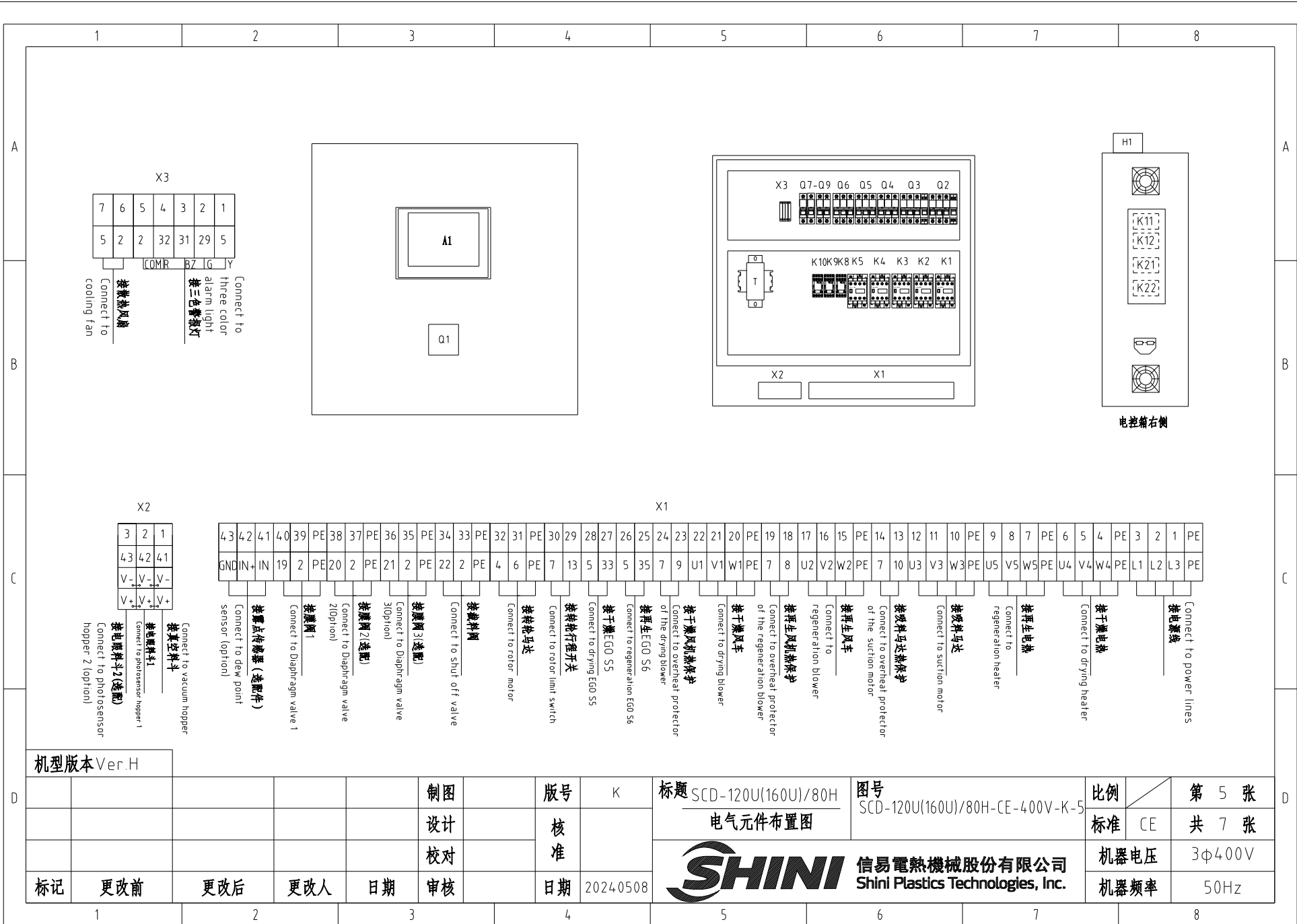
2 Comm. protocol: Modbus-RTU

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.H

制图						版号	K	标题 SCD-120U(160U)/80H 通讯接口接线图	图号 SCD-120U(160U)/80H-CE-400V-K-4	比例	第 4 张		
设计						核 准	日期			20240508	标准	CE	共 7 张
校对											日期	20240508	机器电压
标记	更改前	更改后	更改人	日期	审核	日期	20240508	SHINI 信易电热机械股份有限公司 Shini Plastics Technologies, Inc.					



机型版本 Ver.H

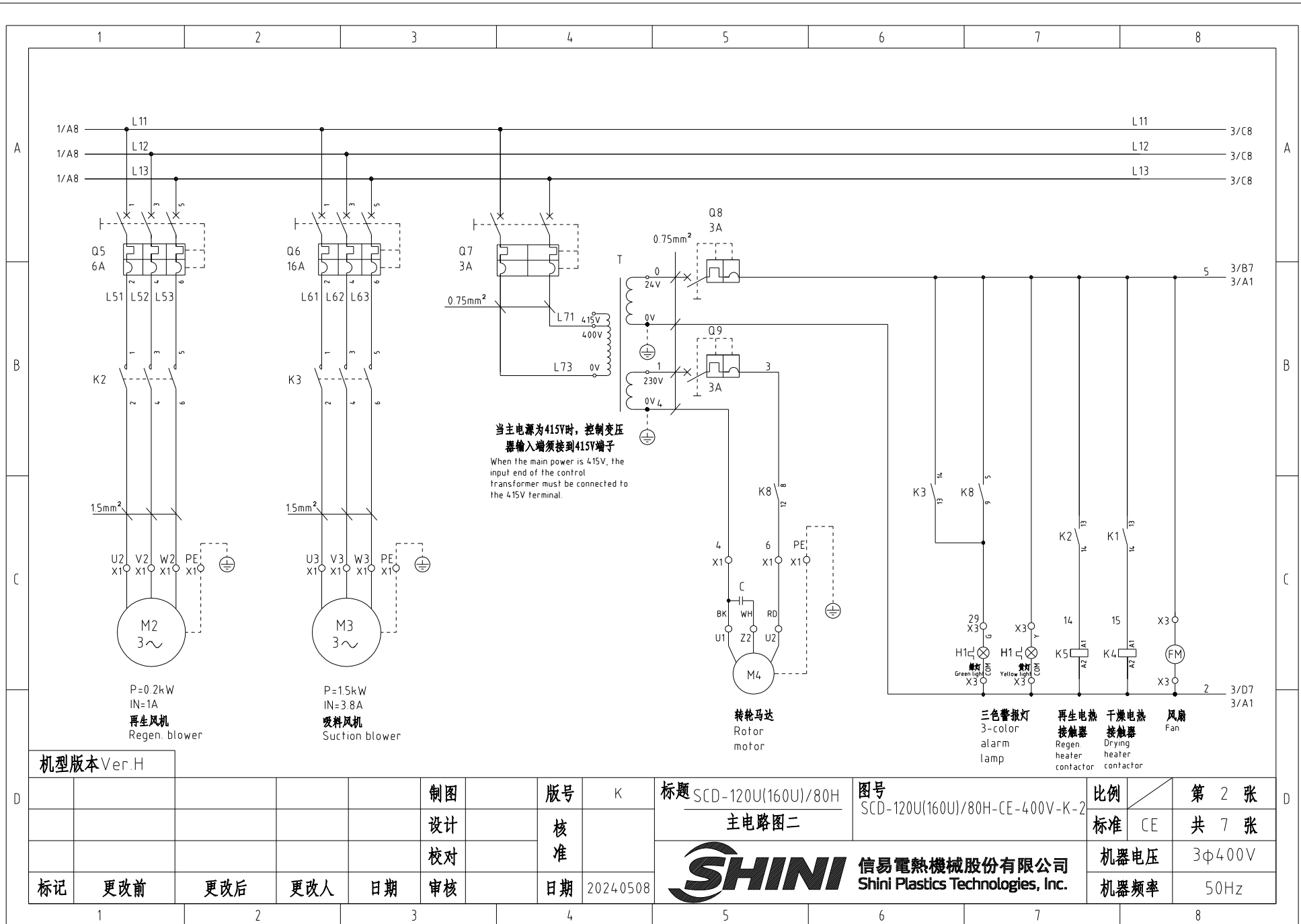
标记		更改前	更改后	更改人	日期	制图	版号	K	标题	SCD-120U(160U)/80H 电气元件布置图	图号	SCD-120U(160U)/80H-CE-400V-K-5	比例	第 5 张
						设计	核准		SHINI 信易电热机械股份有限公司 Shini Plastics Technologies, Inc.		标准	CE	共 7 张	
					审核	日期	20240508	机器电压			3φ400V			
										机器频率			50Hz	

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		PCS	1	YE10125250000		
	2	Q2 Q3	断路器/Circuit-breaker		TECO		BM-63C 3P		10A		PCS	2	YE40301003000		
	3	Q4 Q5	断路器/Circuit-breaker		TECO		BM-63C 3P		6A		PCS	3	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	2	YE40100203000		
	6	Q8 Q9	励磁脱扣器/Excitation release		TECO		MX		24V 50/60Hz		PCS	2	YE40024000000		
	7		接触器/Contactor		TECO		3RT6015-1AB01-24VAC		24V 50/60Hz		PCS	4	YE00601502500		
B	8	K1 K2 K4 K5	接触器/Contactor		SIEMENS		3RT6016-1AB01-24VAC		24V 50/60Hz		PCS	1	YE00601602500		
	9	K3	中间继电器/Middle Relay		SIEMENS		GR-2C-AC24V 底座 base PGR-2C-E		24V 50/60Hz		PCS	3	YE03022400300		
	10	K8 K9 K10	固态继电器/Solid state relay		Honeywell		KSR-40DA-H		40A/480VAC/4-32VDC		PCS	4	YE03404003200		
	11	K11 K12 K21 K22	互感变压器/Sensor thranformer		FOTEK		IN=400V/415V OUT=24V/230V		120VA 350MA		PCS	1	YE70040007300		
	12	T	微电脑控制板+微电脑显示屏/PCB		JIUXIN		K.SF878500C		AC24V		PCS	1	YE80878501400		
	13	A1	露点变送器/Dew-point transducer		PUMP		DMT141 IN=24VDC OUT=4-20mA		AC24V		PCS	1	YE90014100100		(1) (2)
	14	S3	双接口RS-485(双D-sub接口) Communication interface board RS-485 (double D-sub-9pin connector)		VAISALA		---		485ToDsub_V23		PCS	1	YE90048501200		(1) (2)
C	15	S10	外壳RS485(SAL-700G-A-19)0版 Shell RS485(SAL-700G-A-19)0		YUYUN		---		485ToDsub_V23		PCS	1	YR40048500000		
	16		三色报警灯(红绿黄三色)3-color alarm lamp (Red, green, yellow lights + mount)		BINCHENG		优先级 Priority		24V 50/60Hz		PCS	1	BL90002401520		(1)
	17	H1	端子排/Terminal board		SHINI		SK4		4mm ²		PCS	24	YE60000403200		(1)
	18	X1 X3	端子排/Terminal board		HONEYWELL		GK5PE		4mm ² PE		PCS	6	YE60000403500		
	19		端子排/Terminal board		HONEYWELL		SK2 5		2.5mm ²		PCS	26	YE60002503200		
	20		端子排/Terminal board		HONEYWELL		GK2.5PE		2.5mm ² PE		PCS	5	YE60002503400		
	21		端子排/Terminal board		HONEYWELL		三层簧式SK25-TL Three-layer spring terminal		10A 250V		PCS	3	YE60002503600		
	22		端子排/Terminal board		HONEYWELL		SK-2.5TL桥接件 bridgeware		10A 250V		PCS	0.7	YE60001003600		
	23		终端固定件E/GK系列 Terminal fittings E/GK series		HONEYWELL		E		GK		PCS	5	YE60000003900		
	24		重载接插件/Heavy-duty plug-in		HONEYWELL		4P+PE(母座 Female)Han 4A-F		4P		PCS	3	YE68000401400		(1)
25	X4,X5	电缆线4.0*4C*4M(管型端子) Cable wire 4.0 * 4C * 4M (tubular terminal)		Harting		4P+PE(母座 Female)Han 4A-F		4P		PCS	1	BE51040400250		(1)	
机型版本 Ver.H		注: (1)表示非电控箱内材料; (2)表示选配露点变送器(-D); (3)表示选配一对二(-M2) Notes: (1)Means it 's not the material inside the control box (2)Optional dew point transducer(-D). (3)Optional "1-to-2"(-M2);													
D					制图		版号	K	标题	SCD-120U(160U)/80H	图号		比例		第 6 张
					设计		核	电	器	明	细	SCD-120U(160U)/80H-CE-400V-K-6	标准	CE	共 7 张
					校对		准						机器电压		3φ400V
	标记	更改前	更改后	更改人	日期	审核	日期	20240508	 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	

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	
26	X6	电线0.75*1C*200M红色 Wire 0.75 * 1C * 200m red		Harting		4P+PE(母座 Female)Han 4A-F		4P		PCS	44	YE50750100000		(1) (3)	
--	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)	
--	Y1,Y4	电磁阀/Solenoid valve		AirTAC		4V210-06		AC24V			2	---		(1)	
--	Y2 Y3	电磁阀/Solenoid valve		AirTAC		4V210-06		AC24V			2	---		(1)(3)	
--	FM	风扇/Fan		SUNON		12x12CM/24V/50/60HZ		24VAC			1	---		(1)	
--	M1	干燥风机/Drying blower		SHINI		RB-310		400V 0.75kW			1	---		(1)	
--	M2	再生风车/Regeneration blower		SHINI		EHS-129		400V 0.2kW			1	---		(1)	
--	M3	吸料风车/Suction blower		SHINI		RB-420(3Φ230V/400V)		50/60HZ 1.5KW			1	---		(1)	
--	M4	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). (3)Optional "1-to-2"(-M2); 注: (1)表示非电控箱内材料; (2)表示选配露点变送器(-D); (3)表示选配一对二(-M2)</p>															
机型版本 Ver.H															
				制图		版号 K		标题 SCD-120U(160U)/80H 电气元件明细表二		图号 SCD-120U(160U)/80H-CE-400V-K-7		比例		第 7 张	
				设计		核 准						标准 CE		共 7 张	
				校对								机器电压		3φ400V	
标记		更改前		更改后		更改人		日期		20240508		机器频率		50Hz	
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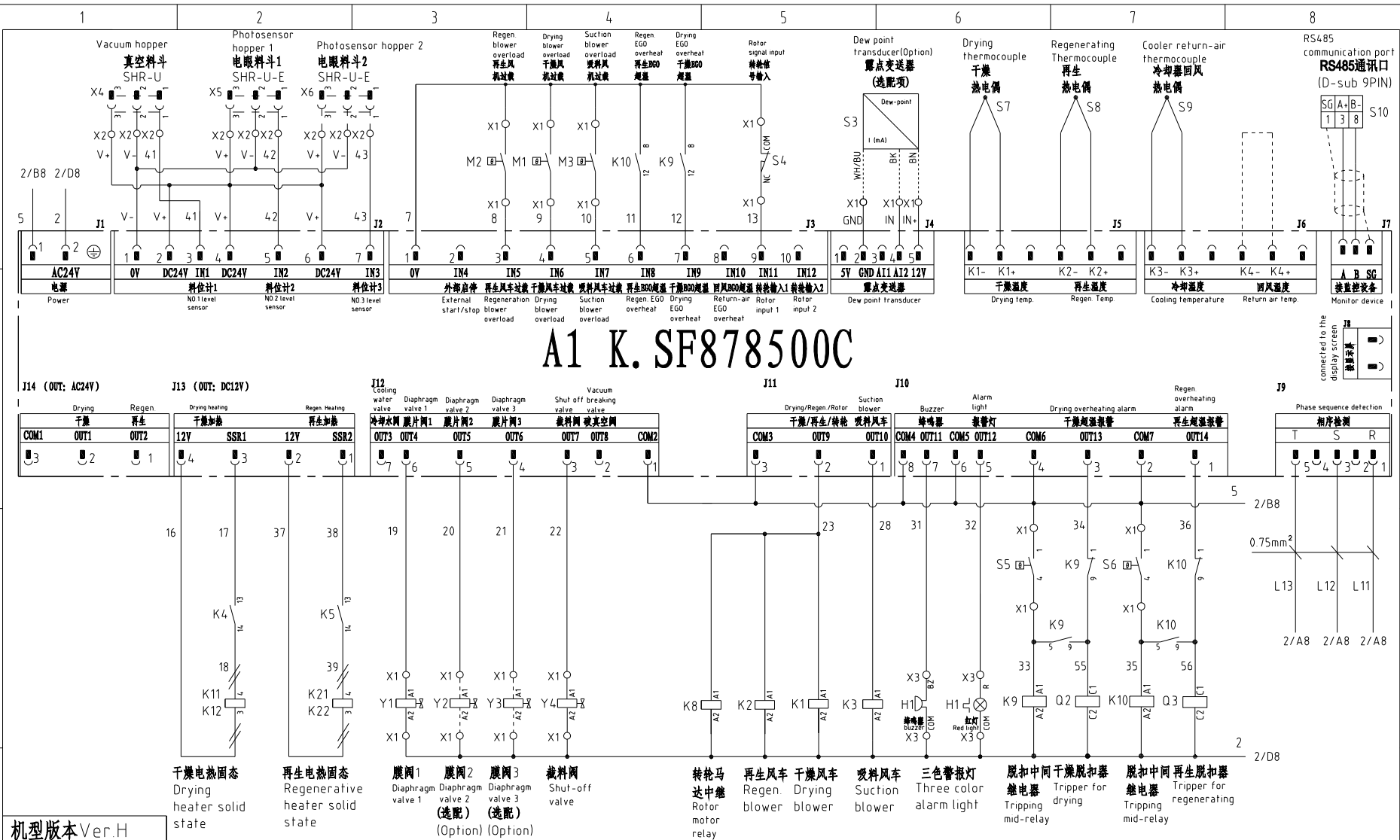
信易電熱機械股份有限公司
Shini Plastics Technologies, Inc.



机型版本 Ver.H

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						设计	核准		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	2024.05.08		机器电压	3φ400V	机器频率	50Hz	
标记	更改前	更改后	更改人	日期	审核	日期	2024.05.08							

A1 K. SF878500C



机型版本 Ver.H

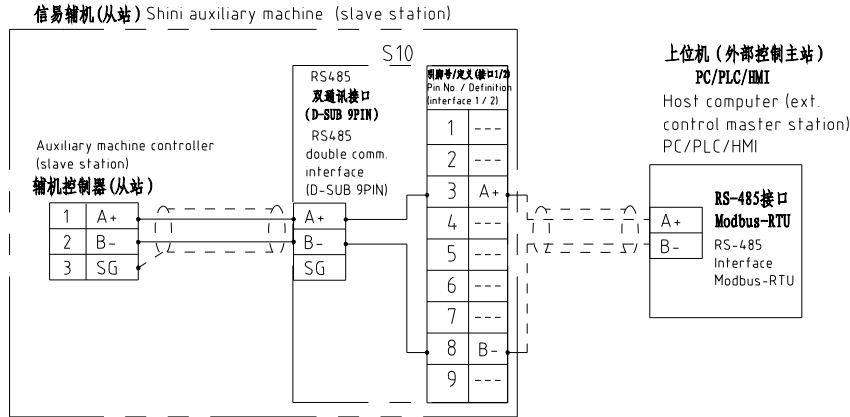
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				设计		核准						标准 CE		共 7 张	
				校对								机器电压		3φ400V	
标记		更改前		更改后		更改人		日期		审核		日期		20240508	
												机器频率		50Hz	



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

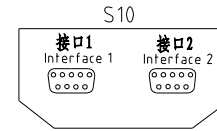
信易辅机RS-485通讯接线示意图

Shini auxiliary machine 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, 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)

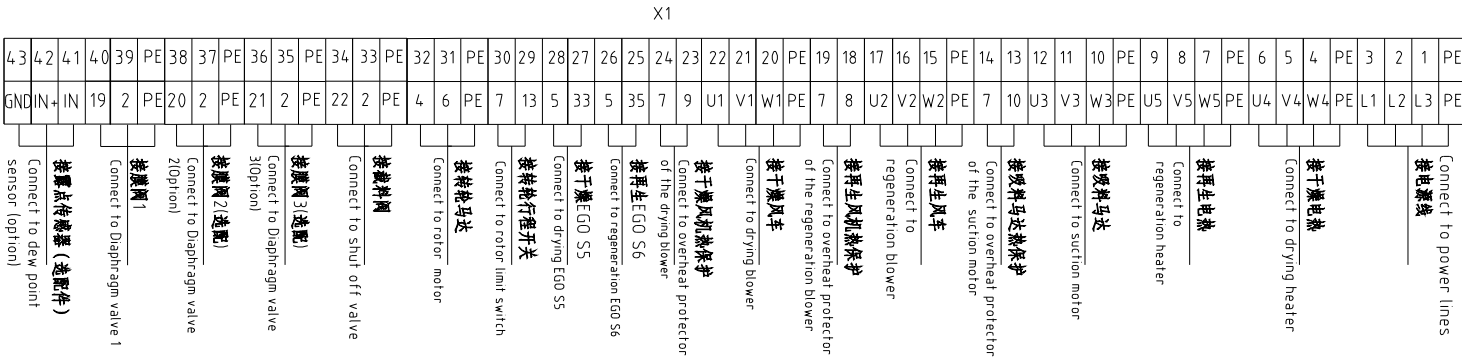
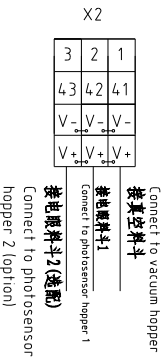
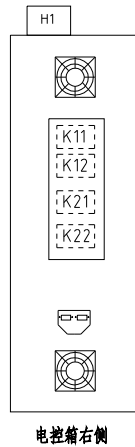
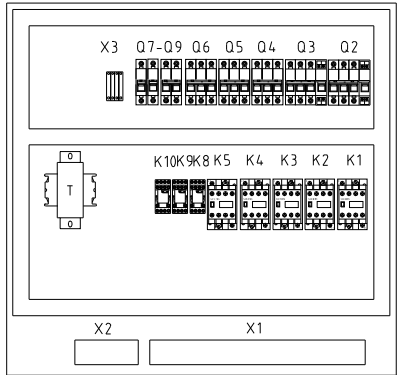
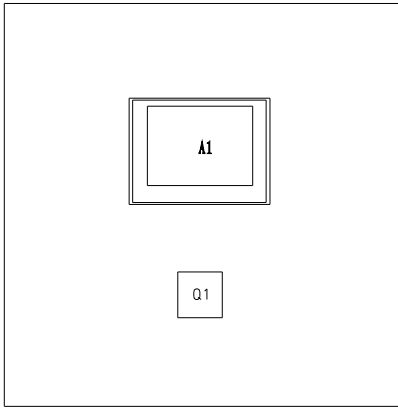
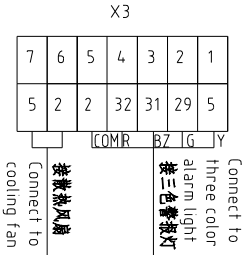
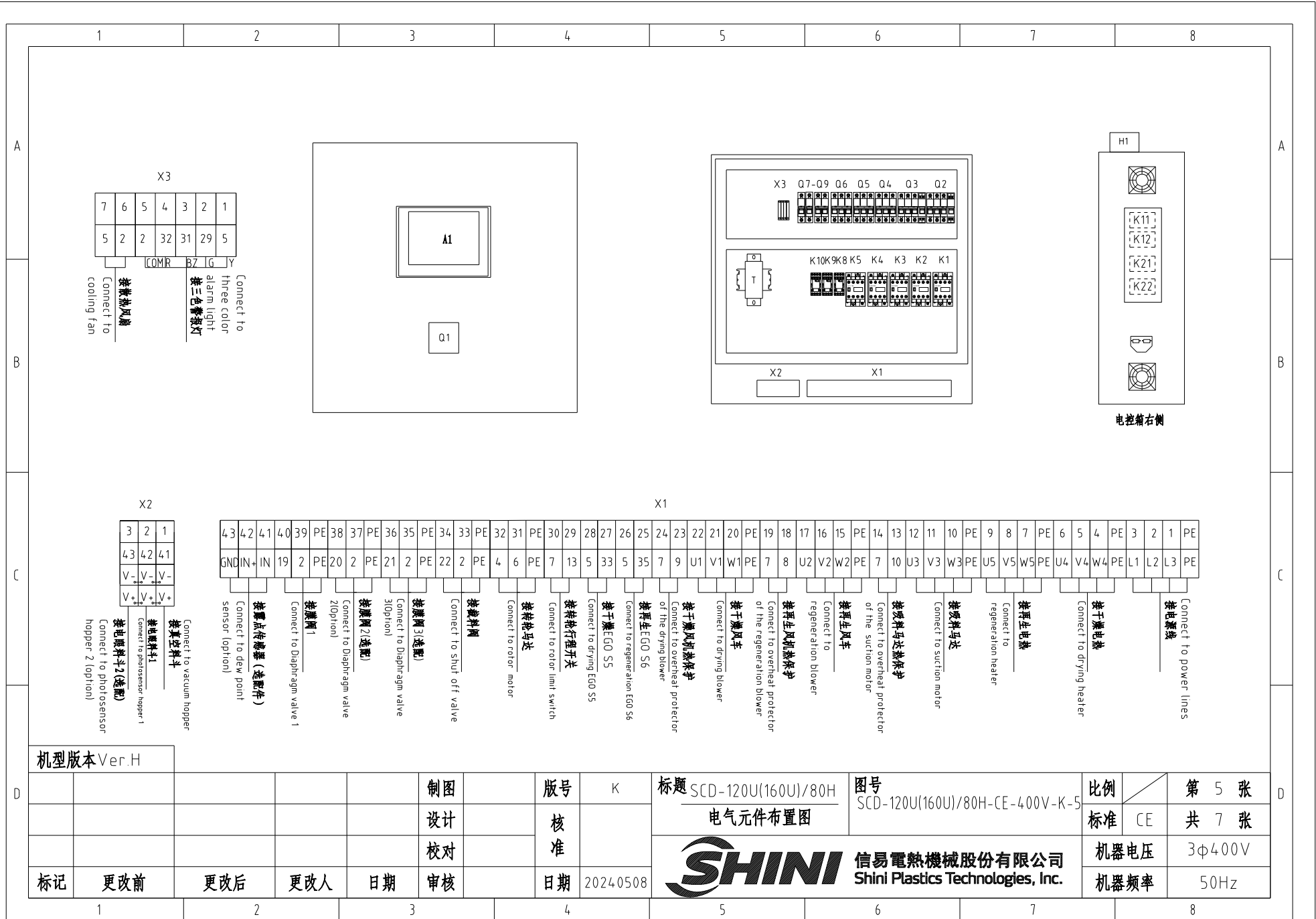
2 Comm. protocol: Modbus-RTU

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.H

						制图	版本号	K	标题	SCD-120U(160U)/80H 通讯接口接线图	图号	SCD-120U(160U)/80H-CE-400V-K-4	比例	第 4 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	核准				机器电压	3φ400V		
标记	更改前	更改后	更改人	日期	审核	日期	20240508	机器频率			50Hz			



机型版本 Ver.H

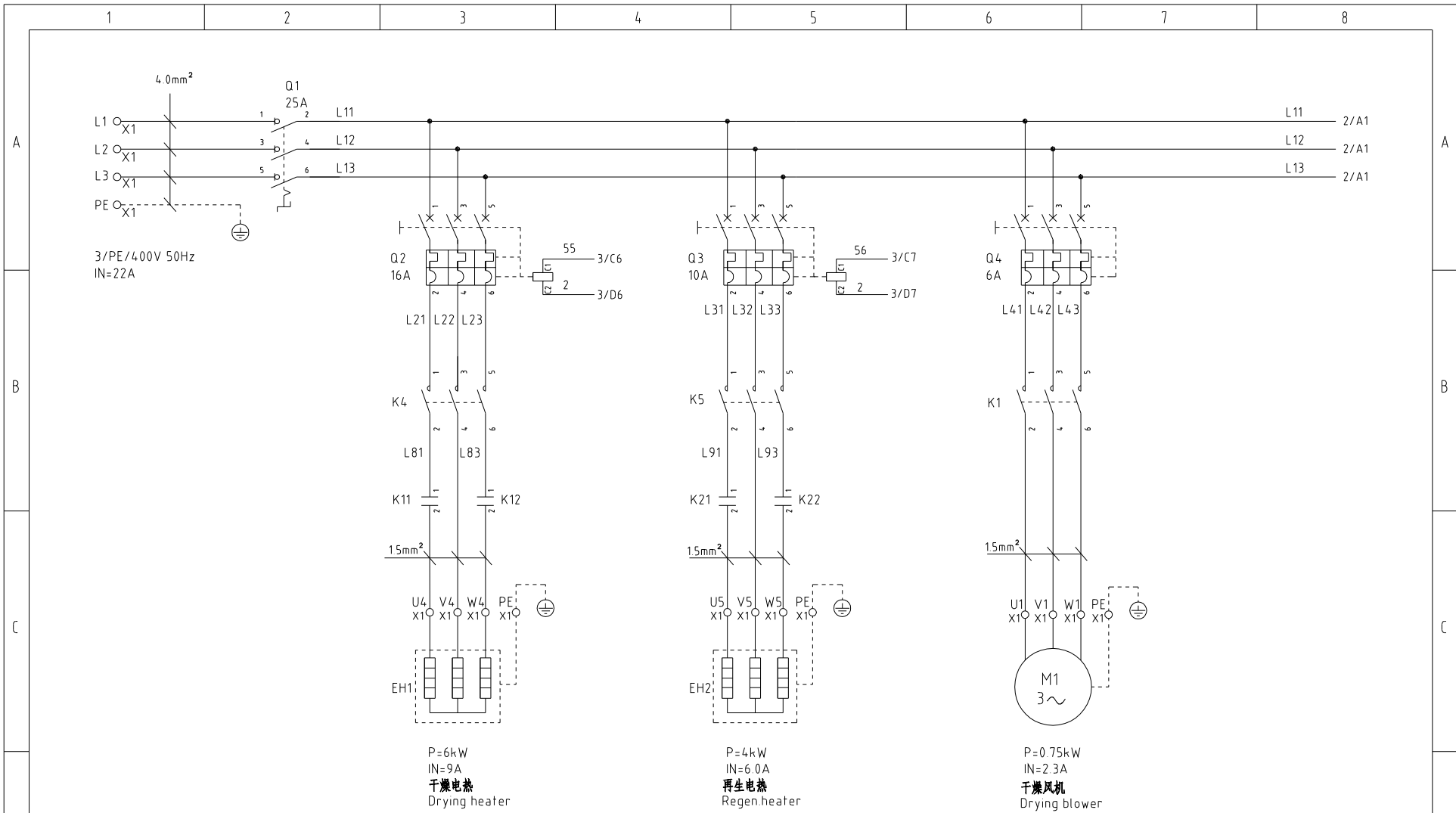
标题	SCD-120U(160U)/80H 电气元件布置图				图号	SCD-120U(160U)/80H-CE-400V-K-5				比例	第 5 张	
设计	[Blank]				标准	CE				共 7 张		
校核	[Blank]				机器电压	3φ400V				[Blank]		
审核	[Blank]				机器频率	50Hz				[Blank]		
标记	更改前	更改后	更改人	日期	版号	K				SHINI 信易电热机械股份有限公司 Shini Plastics Technologies, Inc.		
				日期	2024.05.08							

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		PCS	1	YE10125250000		
	2	Q2 Q3	断路器/Circuit-breaker		TECO		BM-63C 3P		10A		PCS	2	YE40301003000		
	3	Q4 Q5	断路器/Circuit-breaker		TECO		BM-63C 3P		6A		PCS	3	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	2	YE40100203000		
	6	Q8 Q9	励磁脱扣器/Excitation release		TECO		MX		24V 50/60Hz		PCS	2	YE40024000000		
	7		接触器/Contactor		TECO		3RT6015-1AB01-24VAC		24V 50/60Hz		PCS	4	YE00601502500		
B	8	K1 K2 K4 K5	接触器/Contactor		SIEMENS		3RT6016-1AB01-24VAC		24V 50/60Hz		PCS	1	YE00601602500		
	9	K3	中间继电器/Middle Relay		SIEMENS		GR-2C-AC24V 底座 base PGR-2C-E		24V 50/60Hz		PCS	3	YE03022400300		
	10	K8 K9 K10	固态继电器/Solid state relay		Honeywell		KSR-40DA-H		40A/480VAC/4-32VDC		PCS	4	YE03404003200		
	11	K11 K12 K21 K22	互感变压器/Sensor thranformer		FOTEK		IN=400V/415V OUT=24V/230V		120VA 350MA		PCS	1	YE70040007300		
	12	T	微电脑控制板+微电脑显示屏/PCB		JIUXIN		K.SF878500C		AC24V		PCS	1	YE80878501400		
	13	A1	露点变送器/Dew-point transducer		PUMP		DMT141 IN=24VDC OUT=4-20mA		AC24V		PCS	1	YE90014100100 (1) (2)		
	14	S3	双接口RS-485 (双接口板) Communication interface board RS-485 (double RS-485 connector)		VAISALA		---		485ToDsub_V23		PCS	1	YE90048501200 (1) (2)		
C	15	S10	外壳RS485 (SAL-700G-A-19) 0版 Shell RS485 (SAL-700G-A-19) 0		YUYUN		---		485ToDsub_V23		PCS	1	YR40048500000		
	16		三色报警灯 (红绿黄三色) 3-color alarm lamp (Red, green, yellow lights + mount)		BINCHENG		优先级 Priority		24V 50/60Hz		PCS	1	BL90002401520 (1)		
	17	H1	端子排/Terminal board		SHINI		SK4		4mm ²		PCS	24	YE60000403200 (1)		
	18	X1 X3	端子排/Terminal board		HONEYWELL		GK5PE		4mm ² PE		PCS	6	YE60000403500		
	19		端子排/Terminal board		HONEYWELL		SK2 5		2.5mm ²		PCS	26	YE60002503200		
	20		端子排/Terminal board		HONEYWELL		GK2.5PE		2.5mm ² PE		PCS	5	YE60002503400		
	21		端子排/Terminal board		HONEYWELL		三层簧式SK25-TL Three-layer spring terminal		10A 250V		PCS	3	YE60002503600		
	22		端子排/Terminal board		HONEYWELL		SK-2.5TL桥接件 bridgeware		10A 250V		PCS	0.7	YE60001003600		
	23		终端固定件E/GK系列 Terminal fittings E/GK series		HONEYWELL		E		GK		PCS	5	YE60000003900		
	24		重载接插件/Heavy-duty plug-in		HONEYWELL		4P+PE(母座 Female)Han 4A-F		4P		PCS	3	YE68000401400 (1)		
25	X4, X5	电缆线4.0*4C*4M (管型端子) Cable wire 4.0 * 4C * 4M (tubular terminal)		Harting		4P+PE(母座 Female)Han 4A-F		4P		PCS	1	BE51040400250 (1)			
机型版本 Ver.H		注: (1)表示非电控箱内材料; (2)表示选配露点变送器(-D); (3)表示选配一对二(-M2) Notes: (1)Means it 's not the material inside the control box (2)Optional dew point transducer(-D). (3)Optional "1-to-2"(-M2);													
D					制图		版号	K	标题	SCD-120U(160U)/80H	图号	SCD-120U(160U)/80H-CE-400V-K-6	比例		第 6 张
					设计		核	电	器	明	细	SCD-120U(160U)/80H-CE-400V-K-6	标准	CE	共 7 张
					校对		准						机器电压		3φ400V
	标记	更改前	更改后	更改人	日期	审核	日期	20240508	 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	

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	
26	X6	电线0.75*1C*200M红色 Wire 0.75 * 1C * 200m red		Harting		4P+PE(母座 Female)Han 4A-F		4P		PCS	44	YE50750100000		(1) (3)	
--	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)	
--	Y1,Y4	电磁阀/Solenoid valve		AirTAC		4V210-06		AC24V			2	---		(1)	
--	Y2 Y3	电磁阀/Solenoid valve		AirTAC		4V210-06		AC24V			2	---		(1)(3)	
--	FM	风扇/Fan		SUNON		12x12CM/24V/50/60HZ		24VAC			1	---		(1)	
--	M1	干燥风机/Drying blower		SHINI		RB-310		400V 0.75kW			1	---		(1)	
--	M2	再生风车/Regeneration blower		SHINI		EHS-129		400V 0.2kW			1	---		(1)	
--	M3	吸料风车/Suction blower		SHINI		RB-420(3Φ230V/400V)		50/60HZ 1.5KW			1	---		(1)	
--	M4	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). (3)Optional "1-to-2"(-M2); 注: (1)表示非电控箱内材料; (2)表示选配露点变送器(-D); (3)表示选配一对二(-M2)</p>															
机型版本 Ver.H															
				制图		版号 K		标题 SCD-120U(160U)/80H 电气元件明细表二		图号 SCD-120U(160U)/80H-CE-400V-K-7		比例		第 7 张	
				设计		核						标准 CE		共 7 张	
				校对		准						机器电压		3φ400V	
标记		更改前		更改后		更改人		日期		20240508		机器频率		50Hz	
1		2		3		4		5		6		7		8	

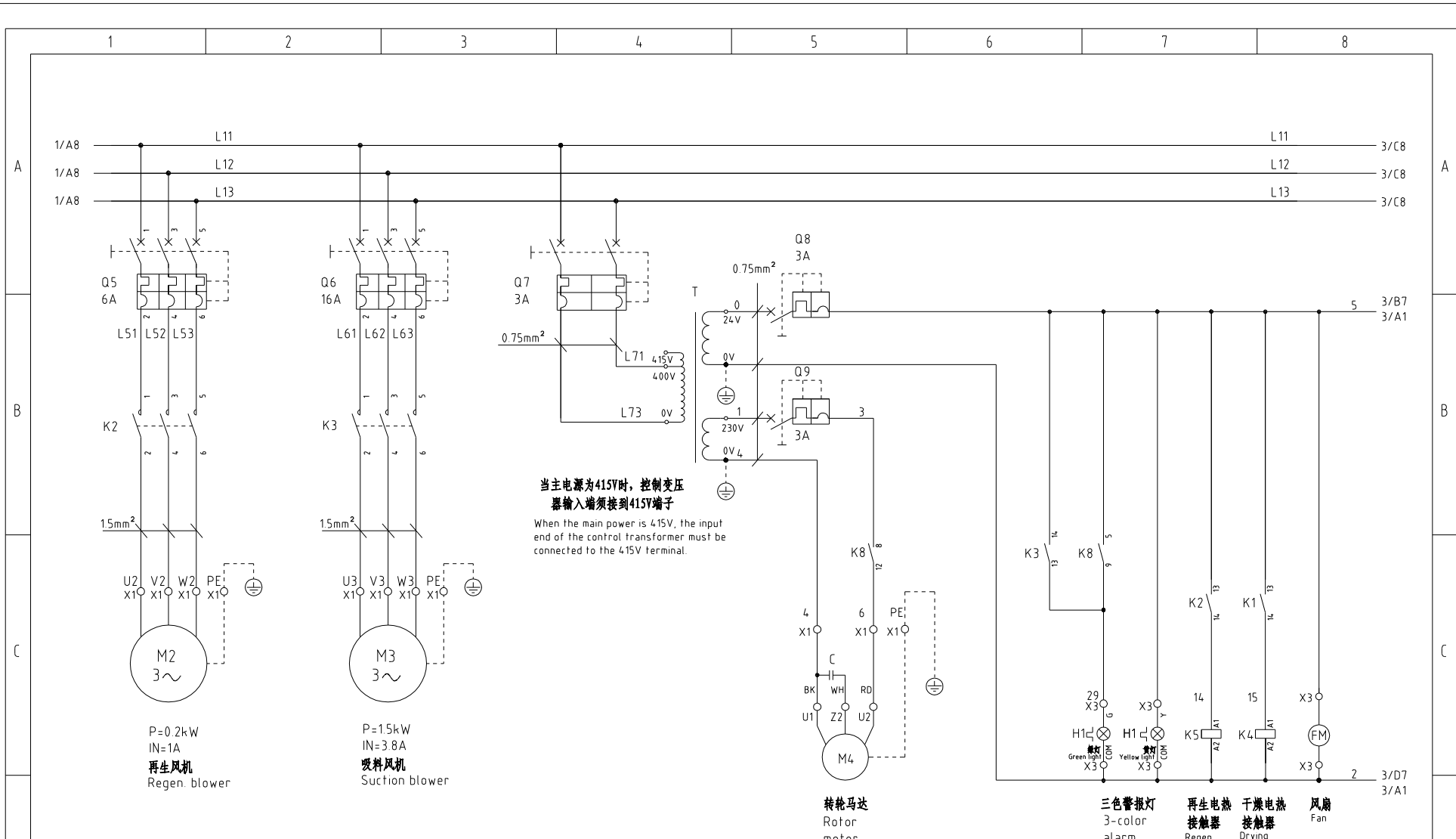


信易電熱機械股份有限公司
Shini Plastics Technologies, Inc.



机型版本 Ver.H

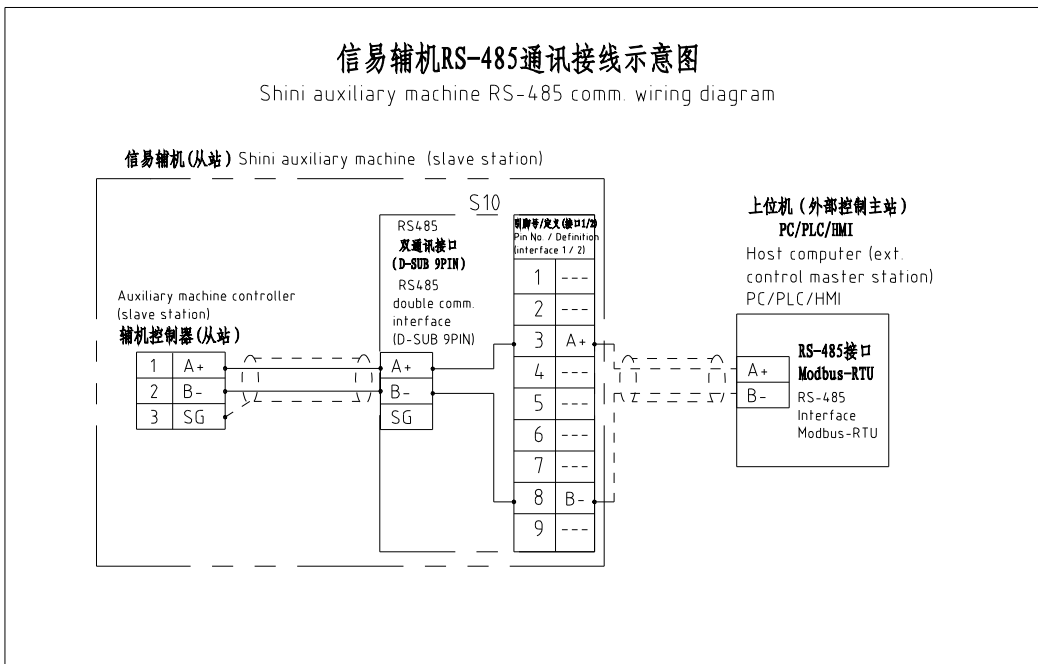
				制图	版号	J	标题	SCD-160U/120H 主电路图一	图号	SCD-160U/120H-CE-400V-J-1	比例	第 1 张
				设计	核准		 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.	标准	CE	共 7 张		
				校对	日期	2024.05.09		机器电压	3φ400V			
标记	更改前	更改后	更改人	日期	审核		机器频率	50Hz				



机型版本 Ver.H													
				制图		版号 J		标题 SCD-160U/120H 主电路图二		图号 SCD-160U/120H-CE-400V-J-2		比例 第 2 张 标准 CE 共 7 张	
				设计		核准		SHINI 信易电热机械股份有限公司 Shini Plastics Technologies, Inc.		机器人电压 3φ400V			
标记		更改前		更改后		更改人				日期 2024.05.09		机器人频率 50Hz	

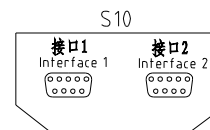
信易辅机RS-485通讯接线示意图

Shini auxiliary machine RS-485 comm. wiring diagram



信易RS-485接口定义

Shini RS-485 interface definition



D-sub-9 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.H

						制图	版号	J	标题	SCD-160U/120H	图号	SCD-160U/120H-CE-400V-J-4	比例	第 4 张
						设计	核准		通讯接口接线图				标准	CE
						校对	核准						机器电压	3φ400V
标记	更改前	更改后	更改人	日期	审核	日期	20240509						机器频率	50Hz

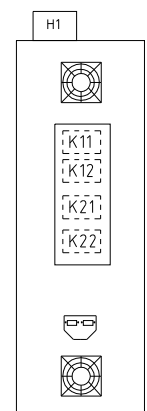
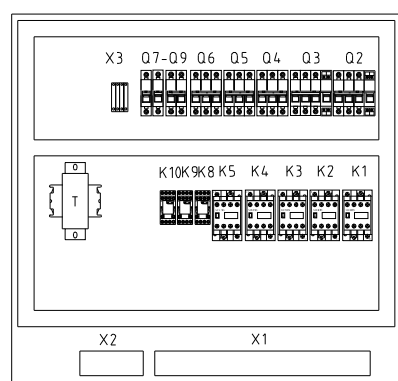
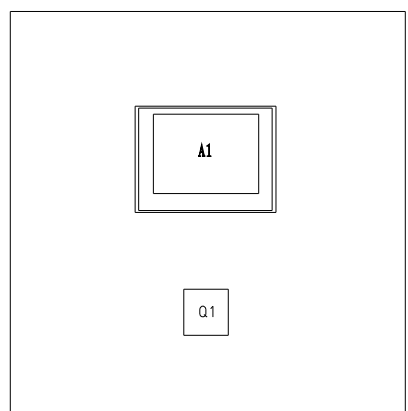
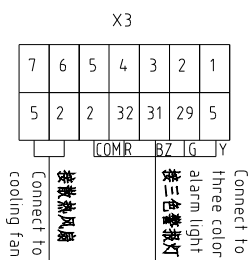


信易电热机械股份有限公司
Shini Plastics Technologies, Inc.

1 2 3 4 5 6 7 8

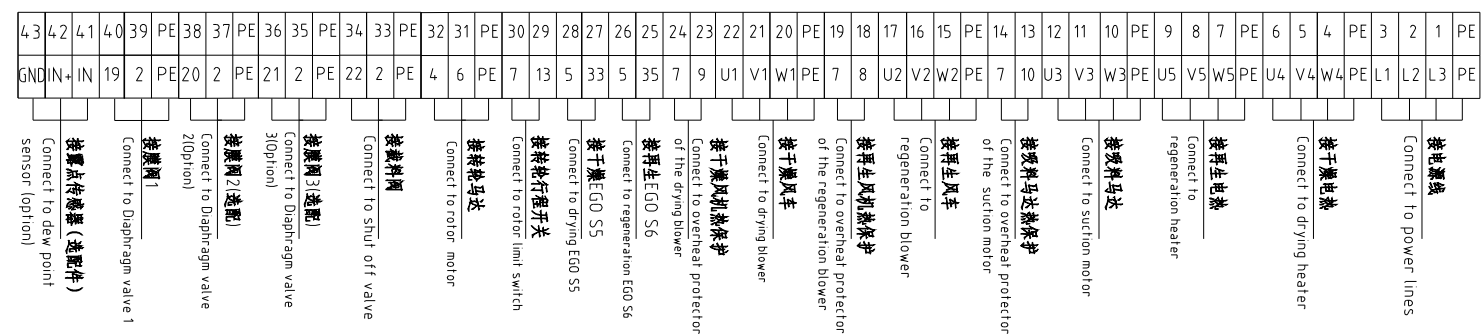
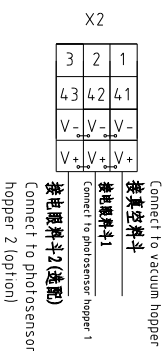
A

B



电控箱右侧
Control box right

C



D

机型版本 Ver.H

标记	更改前	更改后	更改人	日期	制图	版号	J	标题	SCD-160U/120H 电气元件布置图	图号	SCD-160U/120H-CE-400V-J-5	比例	第 5 张
					设计	核准				标准	CE	共 7 张	
					校对	日期	20240509		信易电热机械股份有限公司 Shini Plastics Technologies, Inc.	机器电压	3φ400V		
					审核				机器频率	50Hz			

1 2 3 4 5 6 7 8

A

B

C

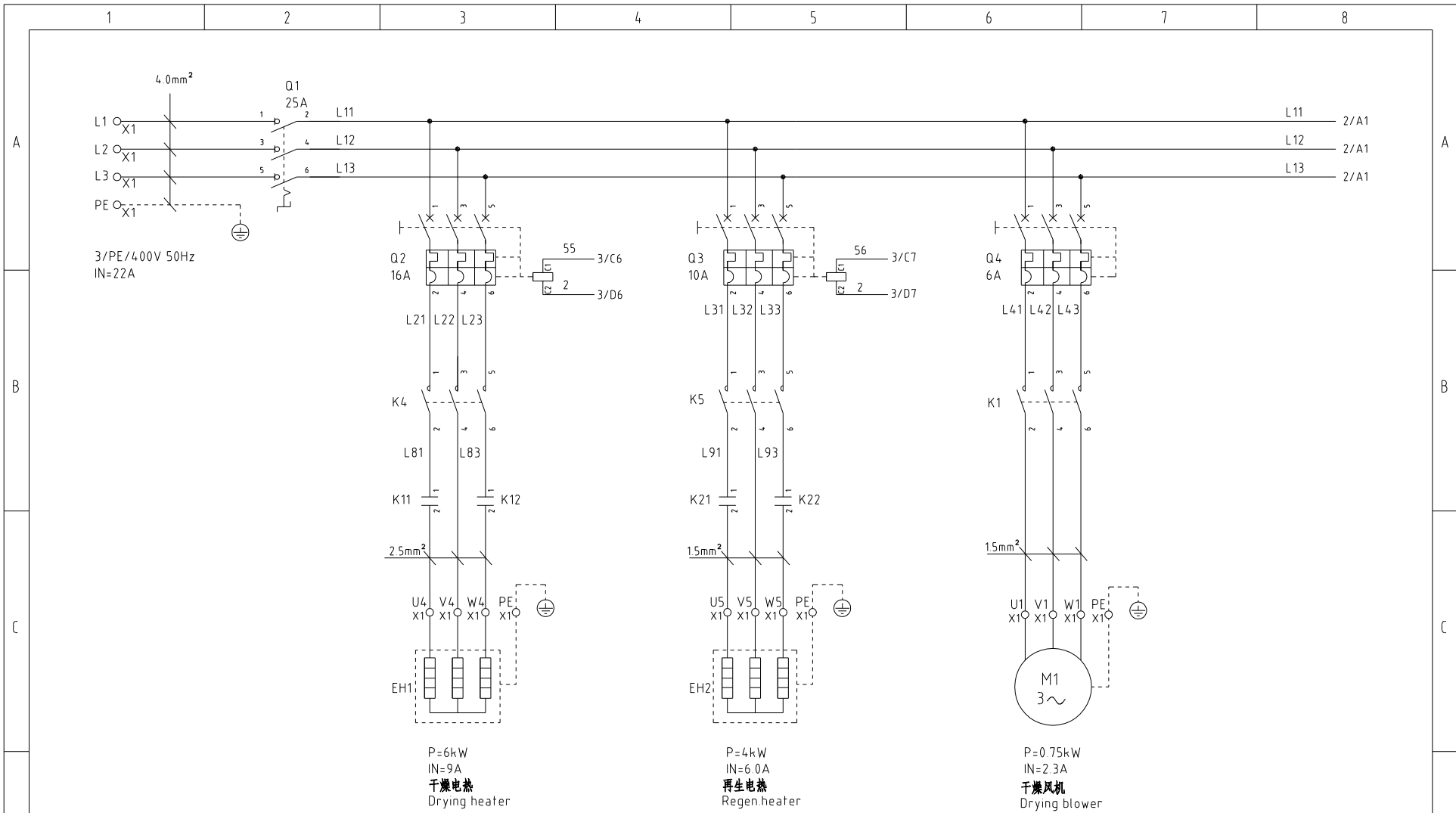
D

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	
A	1	Q1	主电源开关/Main power switch		EATON		P1-25/EA/SVB		25A		PCS	1	YE10125250000		
	2	Q2 Q6	断路器/Circuit-breaker		TECO		BM-63C 3P		16A		PCS	2	YE40301603000		
	3	Q3	断路器/Circuit-breaker		TECO		BM-63C 3P		10A		PCS	1	YE40301003000		
	4	Q4 Q5	断路器/Circuit-breaker		TECO		BM-63C 3P		6A		PCS	2	YE40300603000		
	5	Q7	断路器/Circuit-breaker		TECO		BM-63C/2003S 3A 2P		3A		PCS	1	YE40200203000		
	6	Q8 Q9	断路器/Circuit-breaker		TECO		BM-63C/1003S 3A 1P		3A		PCS	2	YE40100203000		
	7		励磁脱扣器/Excitation release		TECO		MX		24V 50/60Hz		PCS	2	YE40024000000		
B	8	K1 K2 K4 K5	接触器/Contactor		SIEMENS		3RT6015-1AB01-24VAC		24V 50/60Hz		PCS	4	YE00601502500		
	9	K3	接触器/Contactor		SIEMENS		3RT6016-1AB01-24VAC		24V 50/60Hz		PCS	1	YE00601602500		
	10	K8K9 K10	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 thtransformer		JIUXIN		IN=400V/415V OUT=24V/230V		120VA 350MA		PCS	1	YE70040007300		
	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 braid-join 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	X1 X2 X3	端子排/Terminal board		HONEYWELL		SK4		4mm ²		PCS	24	YE60000403200		
	18		端子排/Terminal board		HONEYWELL		GK5PE		4mm ² PE		PCS	6	YE60000403500		
	19		端子排/Terminal board		HONEYWELL		SK2 5		2.5mm ²		PCS	26	YE60002503200		
	20		端子排/Terminal board		HONEYWELL		GK2 5PE		2.5mm ² PE		PCS	5	YE60002503400		
	21		端子排/Terminal board		HONEYWELL		三层端子 Three-layer spring terminal SK25-TL		10A 250V		PCS	3	YE60002503600		
	22		端子排/Terminal board		HONEYWELL		SK-25TL桥接件 bridgeware		10A 250V		PCS	0.7	YE60001003600		
	23		终端固定件E/GK系列 Terminal fittings E/GK series		HONEYWELL		E		GK		PCS	5	YE60000003900		
	24	X4,X5	重载接插件/Heavy-duty plug-in		Harting		4P+PE(母座 Female)Han 4A-F		4P		PCS	3	YE68000401400 (1)		
25	X6	三色报警灯(红黄绿三色)3-color alarm lamp (Red, green, yellow lights + buzzer)		Harting		优先级 Priority		24V 50/60Hz		PCS	1	BL90002401520 (1)			
机型版本 Ver.H		注: (1)表示非电控箱内材料; (2)表示选配露点变送器(-D); (3)表示选配一对二(-M2) Notes: (1)Means it's not the material inside the control box. (2)Optional dew point transducer. (3)Optional "1-to-2"(-M2);													
D					制图		版号	J	标题	SCD-160U/120H	图号	SCD-160U/120H-CE-400V-J-6	比例		第 6 张
					设计		核	电器明	细SCD-160U/120H-CE-400V-50HZ (H)			标准	CE	共 7 张	
					校对		准						机器电压	3φ400V	
	标记	更改前	更改后	更改人	日期	审核	日期	20240509	 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	

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	
26	H1	电缆线4.0*4C*4M (管型端子) Cable wire 4.0 * 4C * 4M (tubular terminal)		SHINI		优先级 Priority		24V 50/60Hz		PCS	1	BE51040400250		(1)	
--	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)	
--	Y1,Y4	电磁阀/Solenoid valve		AirTAC		4V210-06		AC24V			2	---		(1)	
--	Y2 Y3	电磁阀/Solenoid valve		AirTAC		4V210-06		AC24V			2	---		(1)(3)	
--	FM	风扇/Fan		SUNON		12x12CM/24V/50/60HZ		24VAC			1	---		(1)	
--	M1	干燥风机/Drying blower		SHINI		RB-310		400V 0.75kW			1	---		(1)	
--	M2	再生风机/Regen. blower		SHINI		EHS-129		400V 0.2kW			1	---		(1)	
--	M3	吸料风车/Suction blower		SHINI		RB-420(3Φ230V/400V)		50/60HZ 1.5KW			1	---		(1)	
--	M4	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/Regenerative 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. (3)Optional "1-to-2"(I-M2);															
机型版本 Ver.H		注: (1)表示非电控箱内材料; (2)表示选配露点变送器(-D); (3)表示选配一对二(-M2)													
				制图		版号 J		标题 SCD-160U/120H 电气元件明细表二		图号 SCD-160U/120H-CE-400V-J-7		比例		第 7 张	
				设计		核 准						标准 CE		共 7 张	
				校对								机器电压		3φ400V	
标记		更改前		更改后		更改人		日期		20240509		机器频率		50Hz	
1		2		3		4		5		6		7		8	

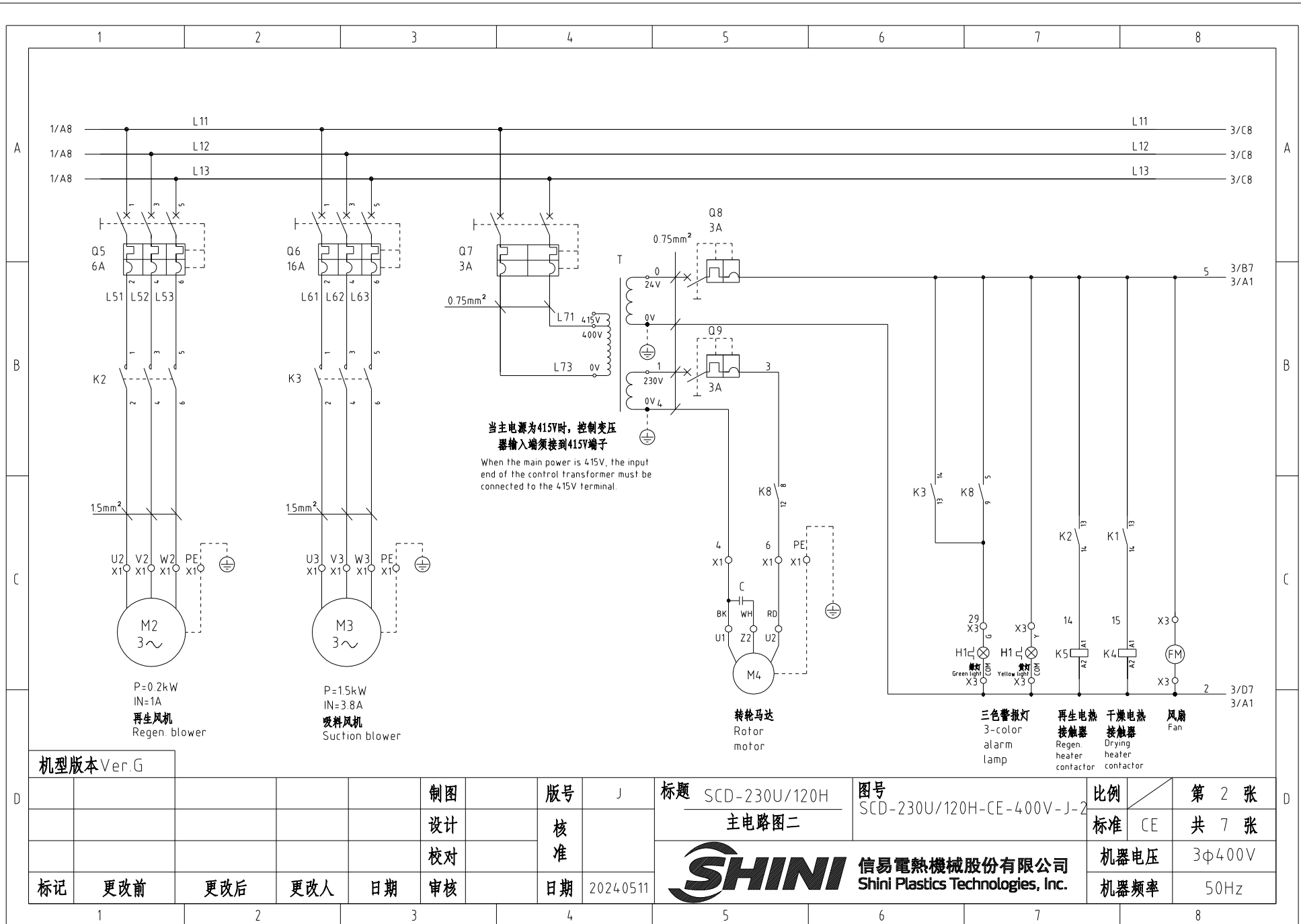


信易電熱機械股份有限公司
Shini Plastics Technologies, Inc.



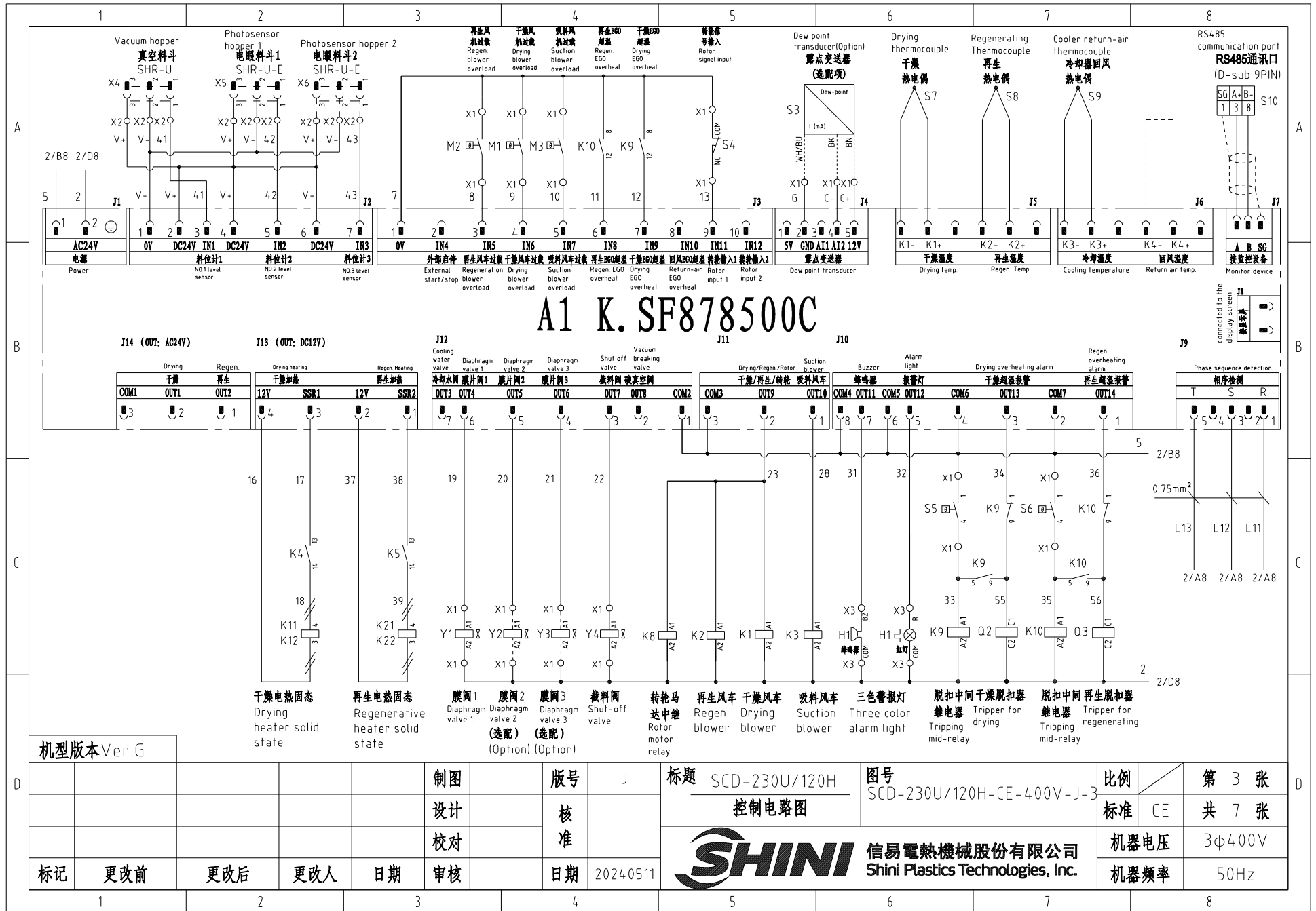
机型版本 Ver.G

				制图	版号	J	标题	SCD-230U/120H	图号	SCD-230U/120H-CE-400V-J-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	3φ400V		
标记	更改前	更改后	更改人	日期	审核	日期	2024.05.11	 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		机器频率	50Hz	



机型版本 Ver.G

制图						版本号	J	标题		SCD-230U/120H	图号	SCD-230U/120H-CE-400V-J-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	3φ400V		
标记	更改前	更改后	更改人	日期	审核	日期	2024.05.11	SHINI 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.G

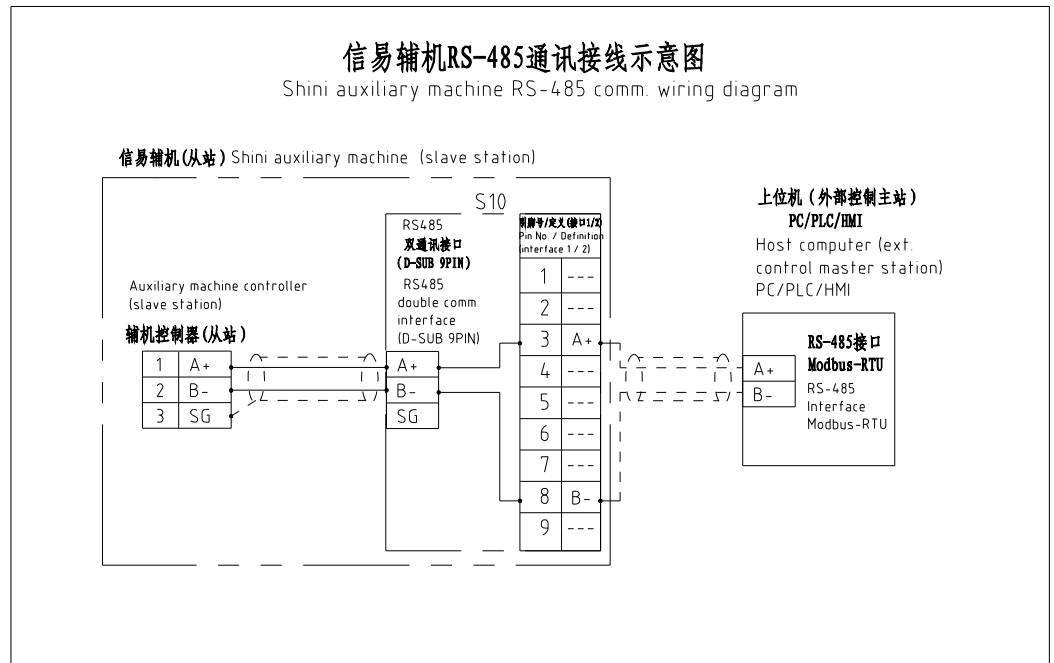
				制图		版号 J		标题 SCD-230U/120H		图号 SCD-230U/120H-CE-400V-J-3		比例		第 3 张	
				设计		核准		控制电路图		标准 CE		标准 CE		共 7 张	
				校对				SHINI 信易电热机械股份有限公司 Shini Plastics Technologies, Inc.		机器电压		3φ400V			
标记		更改前		更改后		更改人		日期 2024.05.11		机器频率		50Hz			

A

A

信易辅机RS-485通讯接线示意图

Shini auxiliary machine 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.

B

B

C

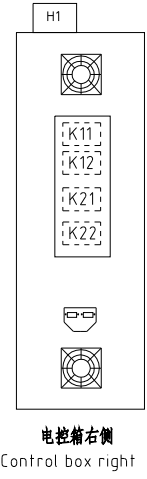
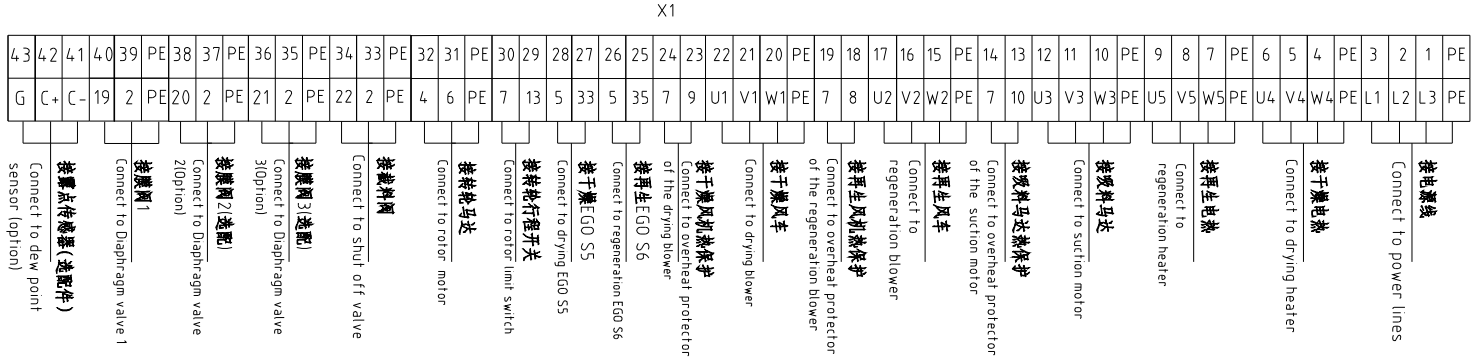
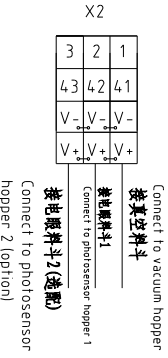
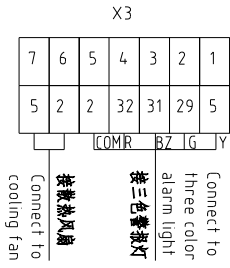
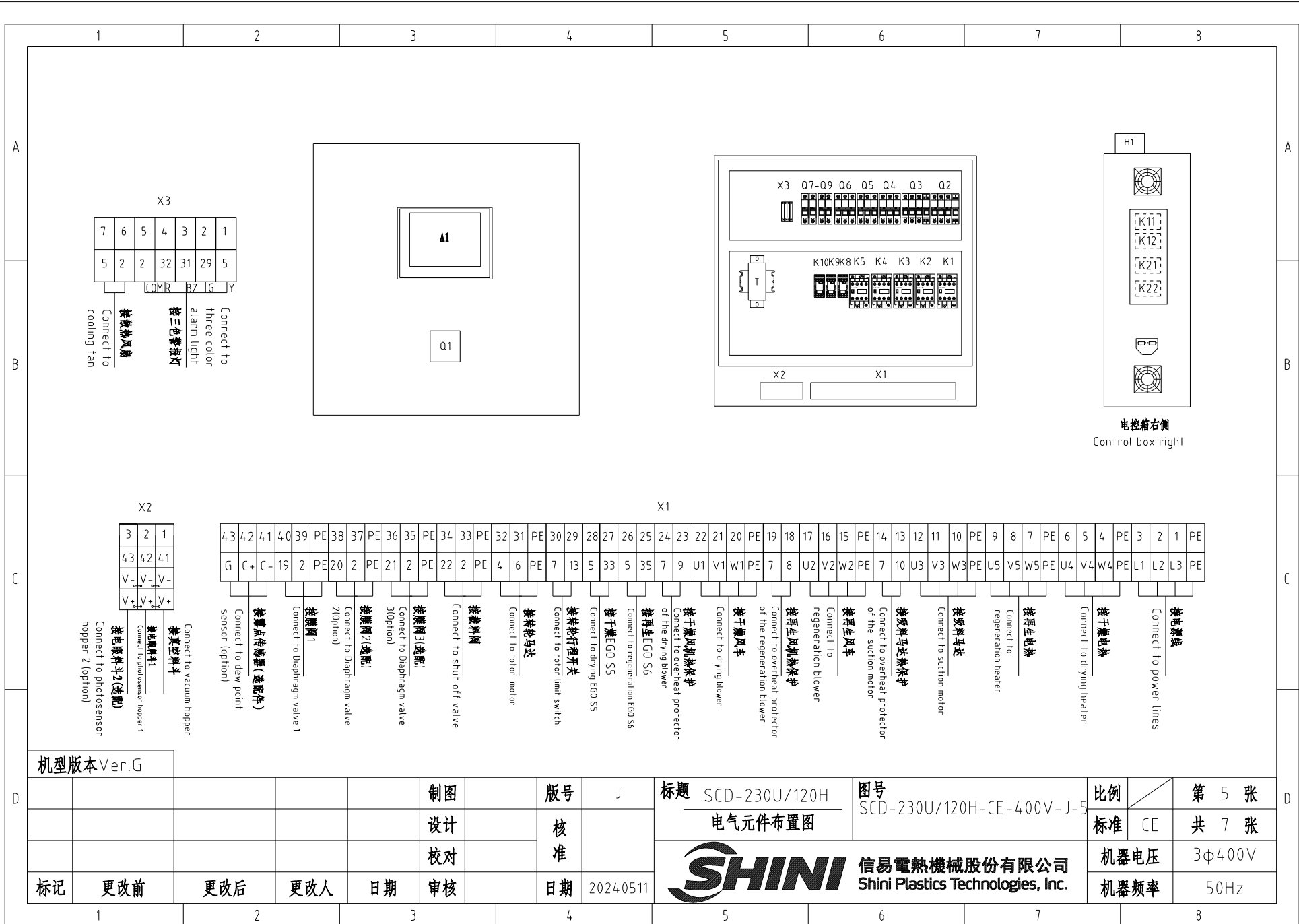
C

D

D

机型版本 Ver.G

				制图	版号	J	标题	SCD-230U/120H	图号	SCD-230U/120H-CE-400V-J-4	比例	第 4 张
				设计	核准		通讯接口接线图		标准	CE	共 7 张	
				校对	核准				机器电压		3φ400V	
标记	更改前	更改后	更改人	日期	审核	日期	2024.05.11	信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		机器频率	50Hz	
1												

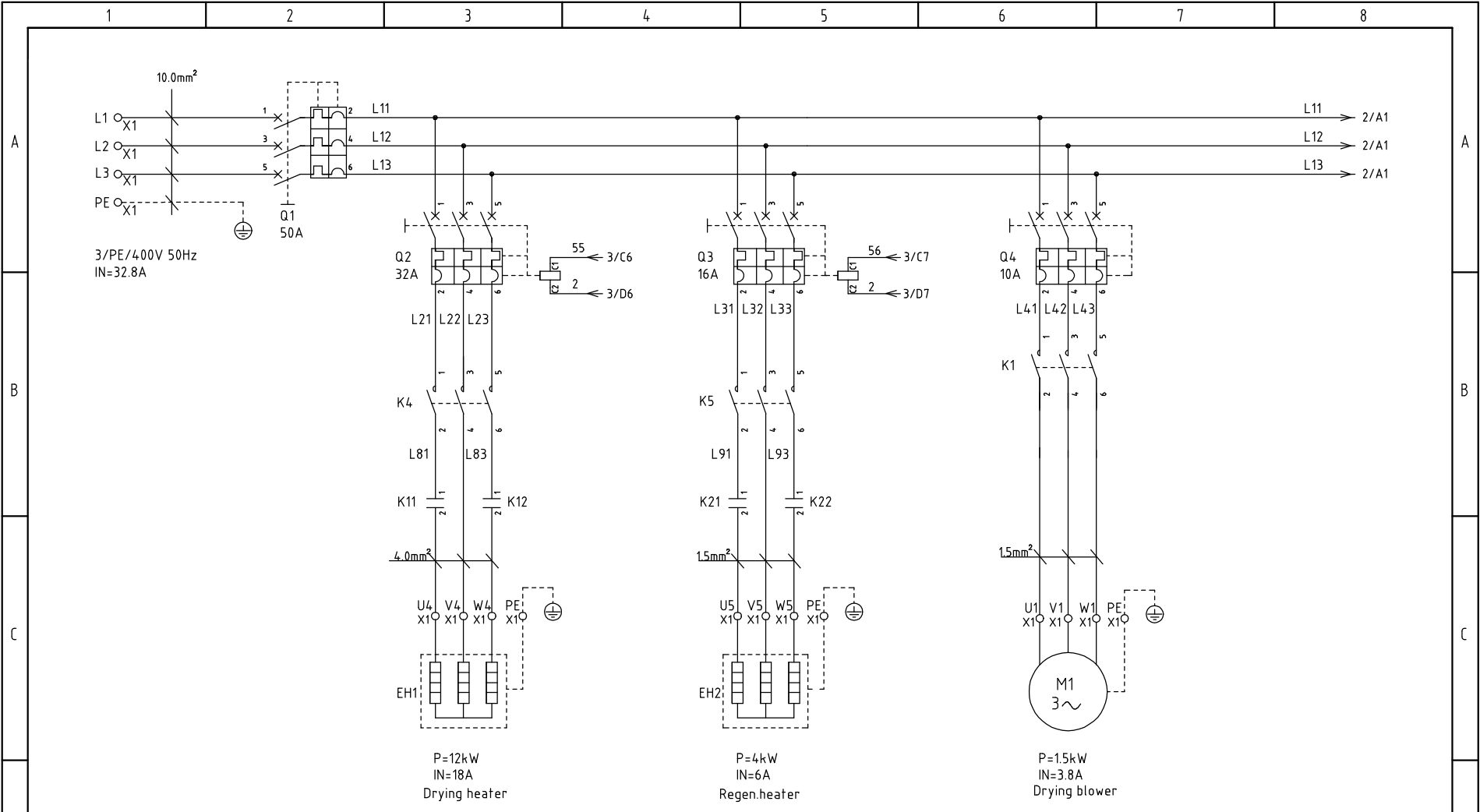


机型版本 Ver.G

标记	更改前	更改后	更改人	日期	制图	版号	J	标题	SCD-230U/120H 电气元件布置图	图号	SCD-230U/120H-CE-400V-J-5	比例	第 5 张 共 7 张
					设计	核准		信易电热机械股份有限公司 Shini Plastics Technologies, Inc.		机器电压	3φ400V		
					校对		日期		2024.05.11	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		PCS	1	YE10125250000		
	2	Q2 Q6	断路器/Circuit-breaker		TECO		BM-63C 3P		16A		PCS	2	YE40301603000		
	3	Q3	断路器/Circuit-breaker		TECO		BM-63C 3P		10A		PCS	1	YE40301003000		
	4	Q4 Q5	断路器/Circuit-breaker		TECO		BM-63C 3P		6A		PCS	2	YE40300603000		
	5	Q7	断路器/Circuit-breaker		TECO		BM-63C/2003S 3A 2P		3A		PCS	1	YE40200203000		
	6	Q8 Q9	断路器/Circuit-breaker		TECO		BM-63C/1003S 3A 1P		3A		PCS	2	YE40100203000		
	7		励磁脱扣器/Excitation release		YIJIN		MX		24V 50/60Hz		PCS	2	YE40024000000		
B	8	K1 K2 K4 K5	接触器/Contactor		SIEMENS		3RT6015-1AB01-24VAC		24V 50/60Hz		PCS	4	YE00601502500		
	9	K3	接触器/Contactor		SIEMENS		3RT6016-1AB01-24VAC		24V 50/60Hz		PCS	1	YE00601602500		
	10	K8K9 K10	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 thtransformer		JIUXIN		IN=400V/415V OUT=24V/230V		120VA 350MA		PCS	1	YE70040007300		
	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-braid-join connector)		YUYUN		---		485ToDsub_V23		PCS	1	YE90048501200		
	16		外置RS485(SAL-700G-A-19)0版 Shell RS485(SAL-700G-A-19)0		BINCHENG		---		---		PCS	1	YR40048500000		
	17	X1 X3	端子排/Terminal board		HONEYWELL		SK4		4mm ²		PCS	24	YE60000403200		
	18		端子排/Terminal board		HONEYWELL		GK5PE		4mm ² PE		PCS	6	YE60000403500		
	19		端子排/Terminal board		HONEYWELL		SK2 5		2.5mm ²		PCS	26	YE60002503200		
	20		端子排/Terminal board		HONEYWELL		GK2 5PE		2.5mm ² PE		PCS	5	YE60002503400		
	21	X2	端子排/Terminal board		HONEYWELL		三层端子 Three-layer spring terminal SK25-TL		10A 250V		PCS	3	YE60002503600		
	22		端子排/Terminal board		HONEYWELL		SK-2.5TL桥接件 bridgeware		10A 250V		PCS	0.7	YE60001003600		
	23		终端固定件E/GK系列 Terminal fittings E/GK series		HONEYWELL		E		GK		PCS	5	YE60000003900		
	24	X4,X5	重载接插件/Heavy-duty plug-in		Harting		4P+PE(母座 Female)Han 4A-F		4P		PCS	2	YE68000401400 (1)		
25	X6	重载接插件/Heavy-duty plug-in		Harting		4P+PE(母座 Female)Han 4A-F		4P		PCS	1	YE68000401400 (1) (3)			
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); (3)表示选配一对二(-M2) Notes: (1)Means it 's not the material inside the control box. (2)Optional dew point transducer. (3)Optional "1-to-2"-(-M2);													
D					制图		版号	J	标题 SCD-230U/120H		图号 SCD-230U/120H-CE-400V-J-6		比例		第 6 张
					设计		核		电气元件明细表一				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		3φ400V		
	标记	更改前	更改后	更改人	日期	审核	日期	2024.05.11			机器频率		50Hz		
1		2		3		4		5		6		7		8	

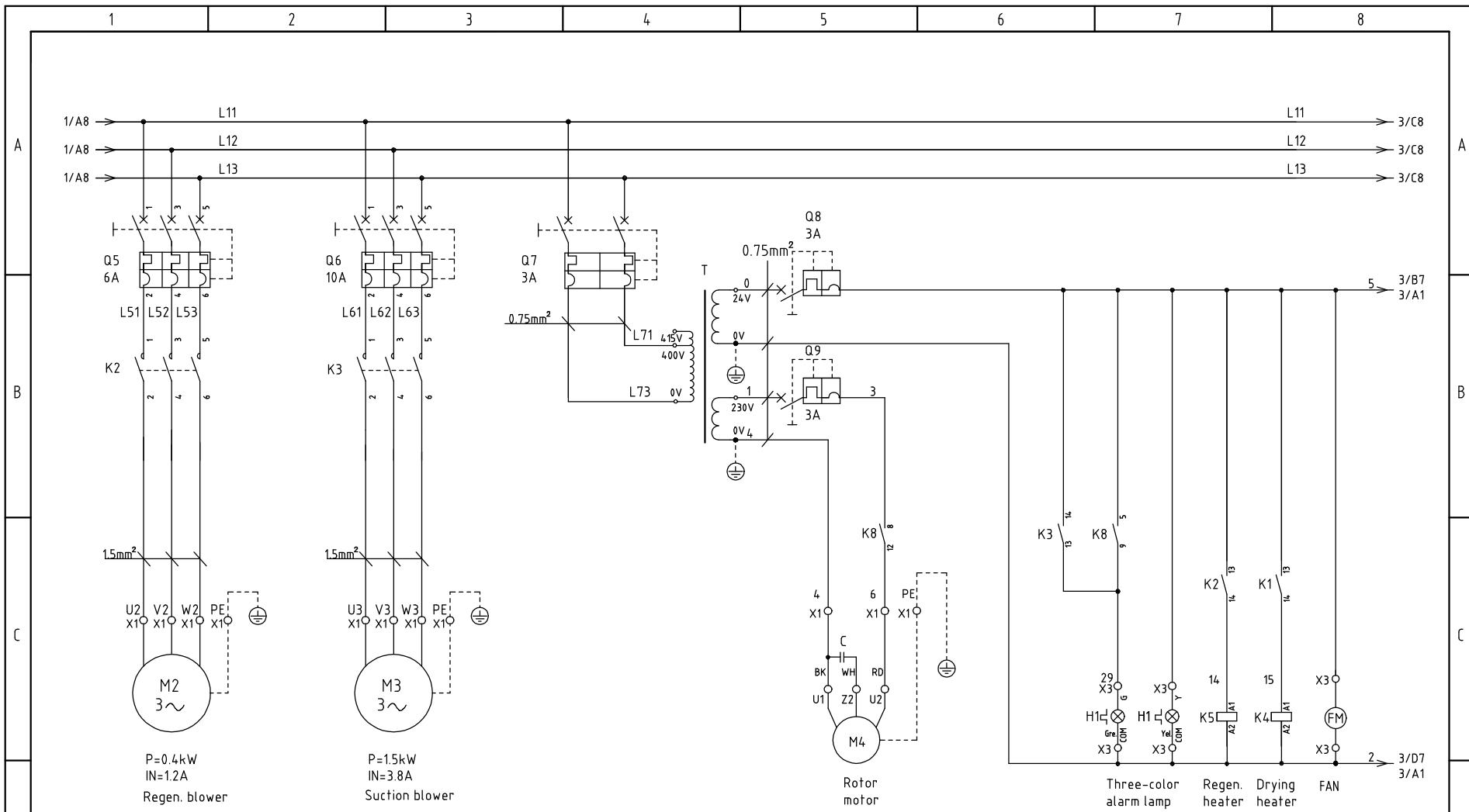
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序号/NO	符号/Symbol	名称/Name		制造商/Manufacturer		型号/Type		规格/Specification		单位/unit	数量/Number	物料编号/Material number		备注/Remark	
26	H1	三色报警灯(红绿黄三色报警灯) 3-color alarm lamp (Red, green, yellow lights + buzzer)		SHINI		优先级 Priority		24V 50/60Hz		PCS	1	BL90002401520		(1)	
27	S4	微动开关/Micro switch		CHOYI		CYLXW-5/11G2		AC380V DC220V			1	---		(1)	
28	S5 S6	组合体EGO/EGO assembly		EGO		(55.13262.160)		115-320℃			2	---		(1)	
29	S7,S8,S9	热电偶/Thermocouple		SHINI		---		K			3	---		(1)	
30	Y1,Y4	电磁阀/Solenoid valve		AirTAC		4V210-06		AC24V			2	---		(1)	
31	Y2 Y3	电磁阀/Solenoid valve		AirTAC		4V210-06		AC24V			2	---		(1)(3)	
32	FM	风扇/Fan		SUNON		12×12CM/24V/50/60HZ		24VAC			1	---		(1)	
33	M1	干燥风机/Drying blower		SHINI		RB-310		400V 0.75kW			1	---		(1)	
34	M2	再生风机/Regen. blower		SHINI		EHS-129		400V 0.2kW			1	---		(1)	
35	M3	吸料风车/Suction blower		SHINI		RB-420(3Φ230V/400V)		50/60HZ 1.5KW			1	---		(1)	
36	M4	转轮马达/Honeycomb motor		Dongli		31K15GN-C-T		220V 230V 0.015kW			1	---		(1)	
37	EH1	干燥电热管/Drying pipe heater		SHINI		SCD-120U-6KW/		3Φ 230/400V			1	---		(1)	
38	EH2	再生电热管/Regenerative 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. (3)Optional "1-to-2"(-M2);															
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); (3)表示选配一对二(-M2)													
				制图		版号 J		标题 SCD-230U/120H		图号 SCD-230U/120H-CE-400V-J-7		比例		第 7 张	
				设计		核		电气元件明细表二				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		3φ400V	
标记		更改前		更改后		更改人				日期		2024.05.11		机器频率	
1		2		3		4		5		6		7		8	




Notes: The regen. heater is 6kW when the power is 60Hz;

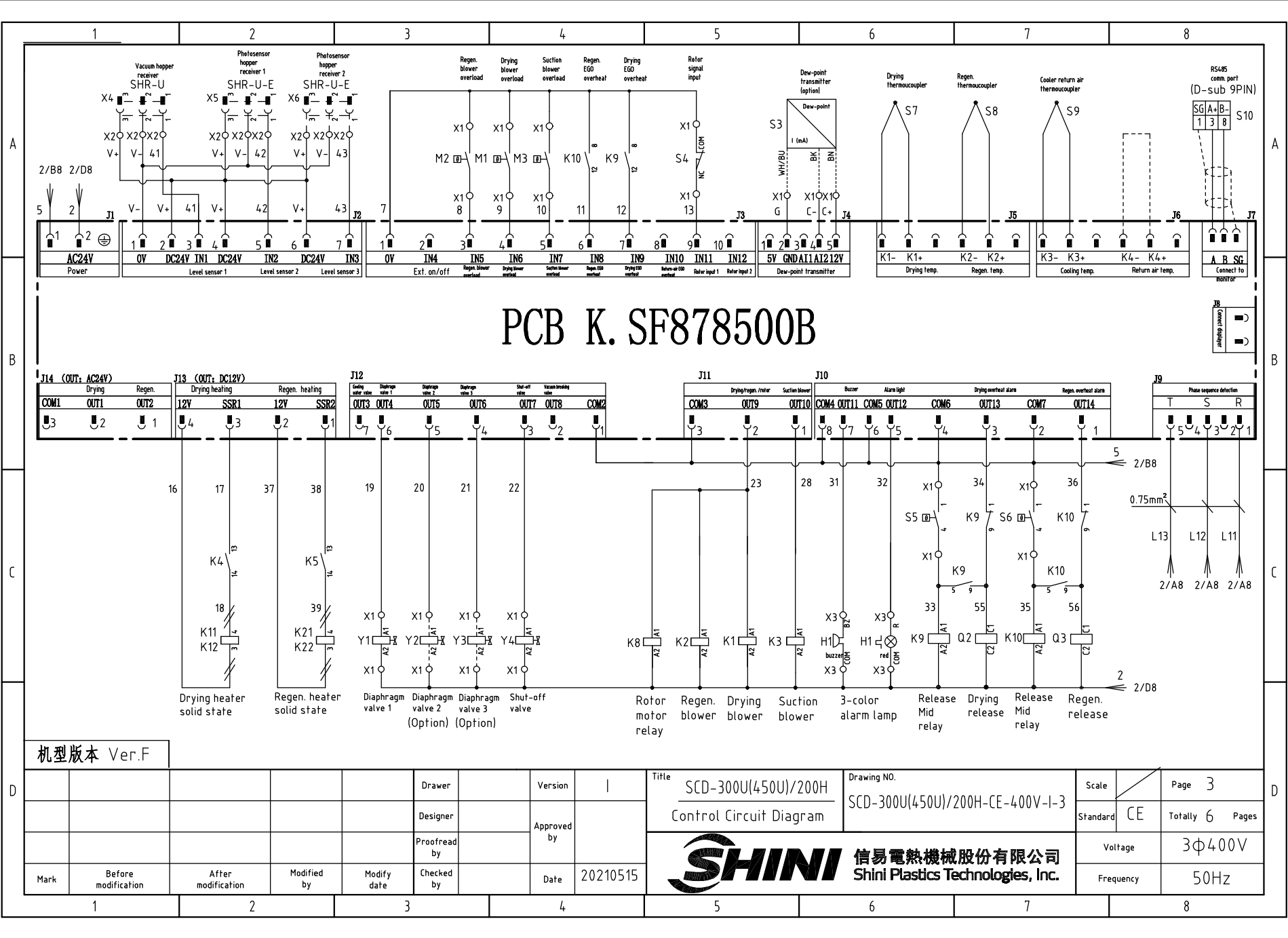
机型版本 Ver.F

D					Drawer		Version	I	Title	SCD-300U(450U)/200H	Drawing NO.	Scale	Page 1
					Designer		Approved by		Main Circuit Diagram	SCD-600U(750U)/400H	SCD-300U(450U)/200H-CE-400V-I-1	Standard	CE
D					Proofread by		Date	20210515	信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Voltage	3φ400V	
	Mark	Before modification	After modification	Modified by	Modify date	Checked by					Frequency	50Hz	
	1	2	3	4	5	6	7	8					




机型版本 Ver.F

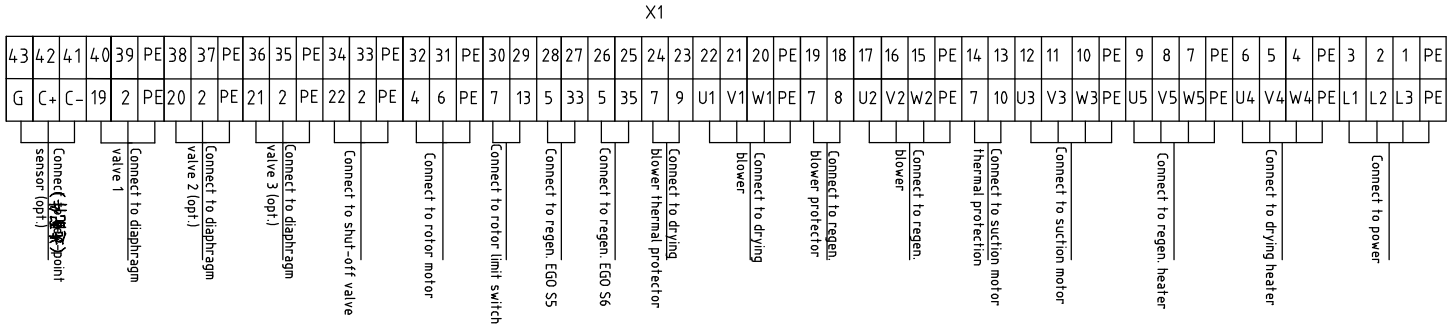
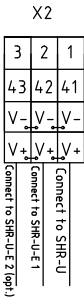
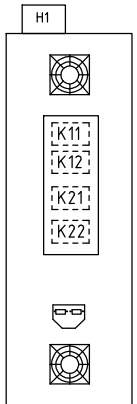
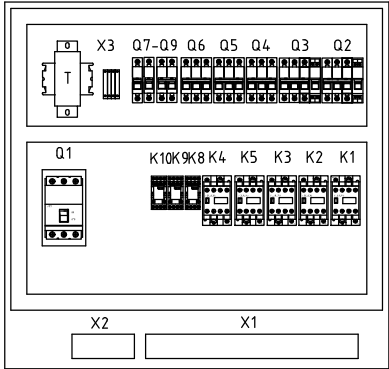
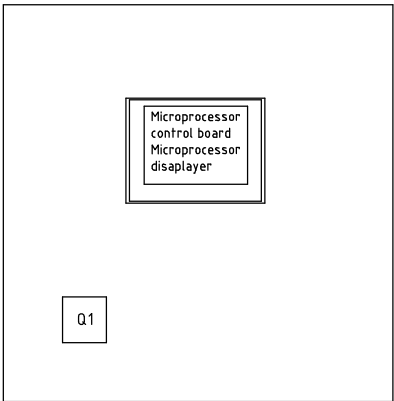
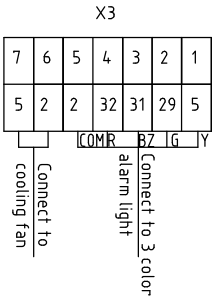
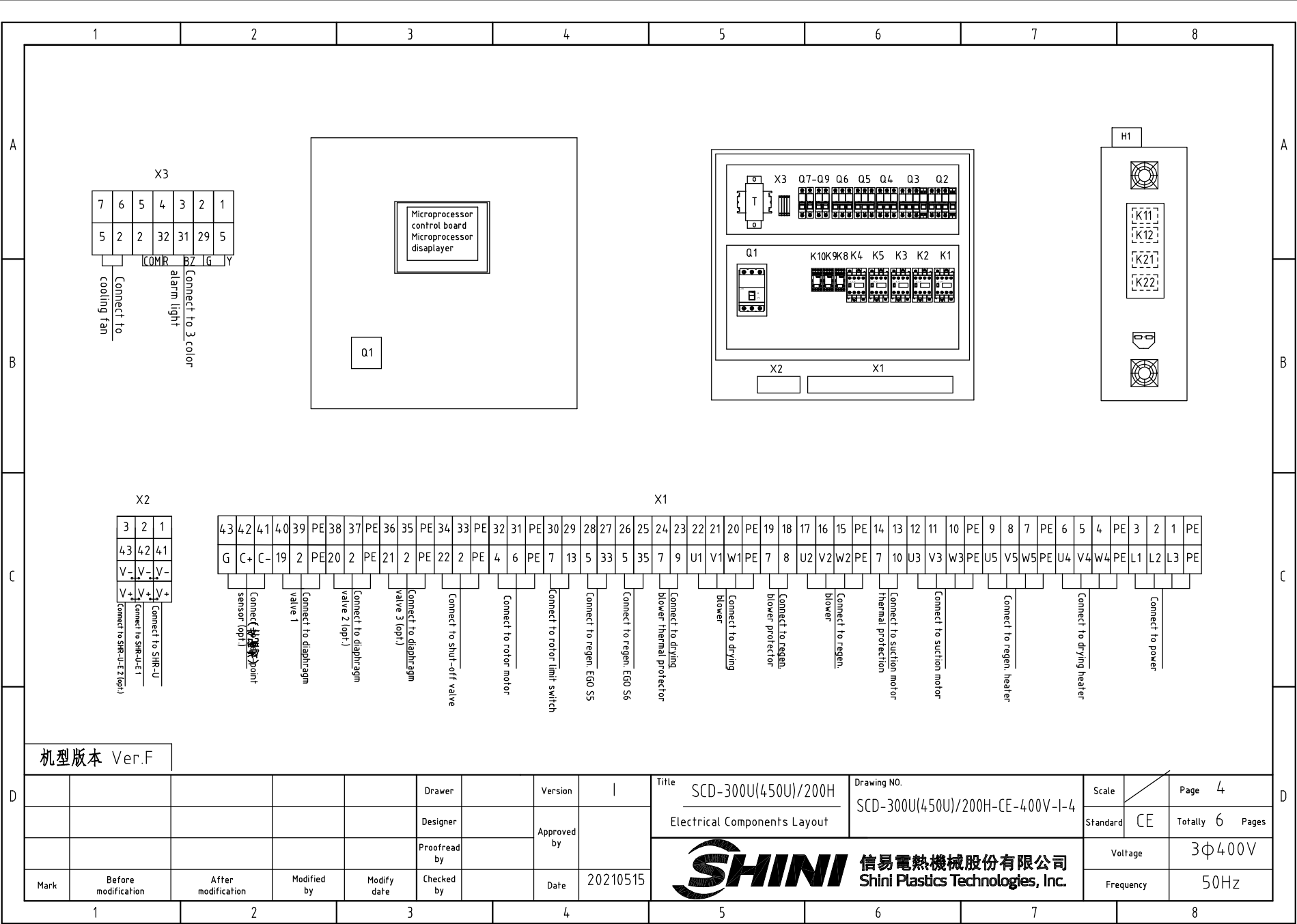
D					Drawer		Version	I	Title SCD-300U(450U)/200H Main Circuit Diagram 2	Drawing NO. SCD-300U(450U)/200H-CE-400V-I-2	Scale	Page 2
					Designer		Approved by				Standard	CE
				Proofread by		Date	20210515	 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.	Voltage	3Φ400V		
Mark	Before modification	After modification	Modified by	Modify date	Checked by				Frequency	50Hz		
1	2	3	4	5	6	7	8					



PCB K. SF878500B

机型版本 Ver.F

D					Drawer	Version	I	Title	SCD-300U(450U)/200H	Drawing NO.	SCD-300U(450U)/200H-CE-400V-I-3	Scale	Page 3
					Designer	Approved by		Control Circuit Diagram		Standard	CE	Totally 6 Pages	
D					Proofread by	Date	20210515	 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.	Voltage	3φ400V			
	Mark				Before modification	After modification	Modified by		Modify date	Checked by	Frequency	50Hz	



机型版本 Ver.F

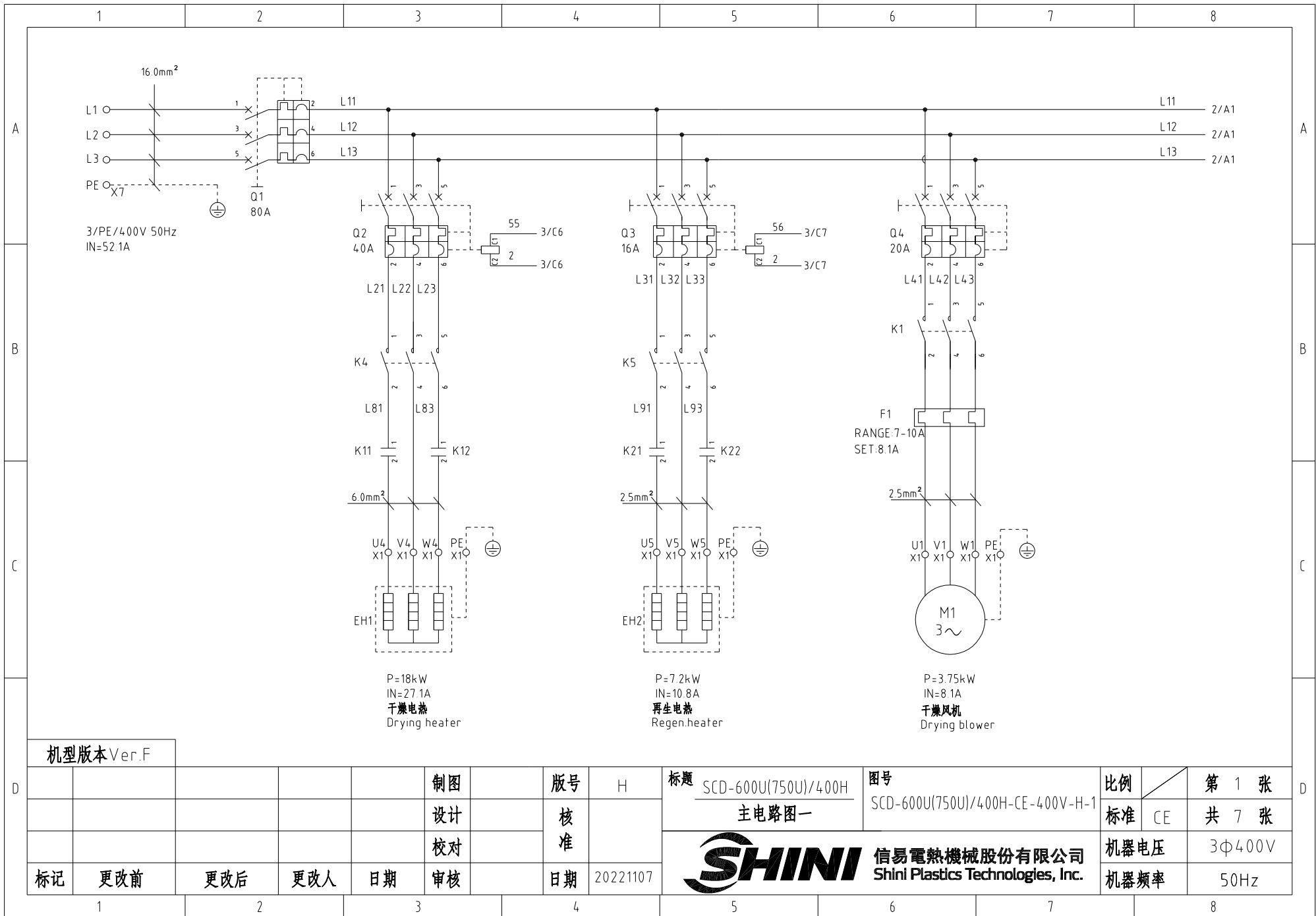
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					Designer	Approved by			Standard	Totally
					Proofread by	Date	SCD-300U(450U)/200H Electrical Components Layout	SCD-300U(450U)/200H-CE-400V-I-4	Voltage	3φ400V
				Checked by	Date	20210515			Frequency	50Hz



Scale	Page	4
Standard	CE	Totally 6 Pages
Voltage	3φ400V	
Frequency	50Hz	

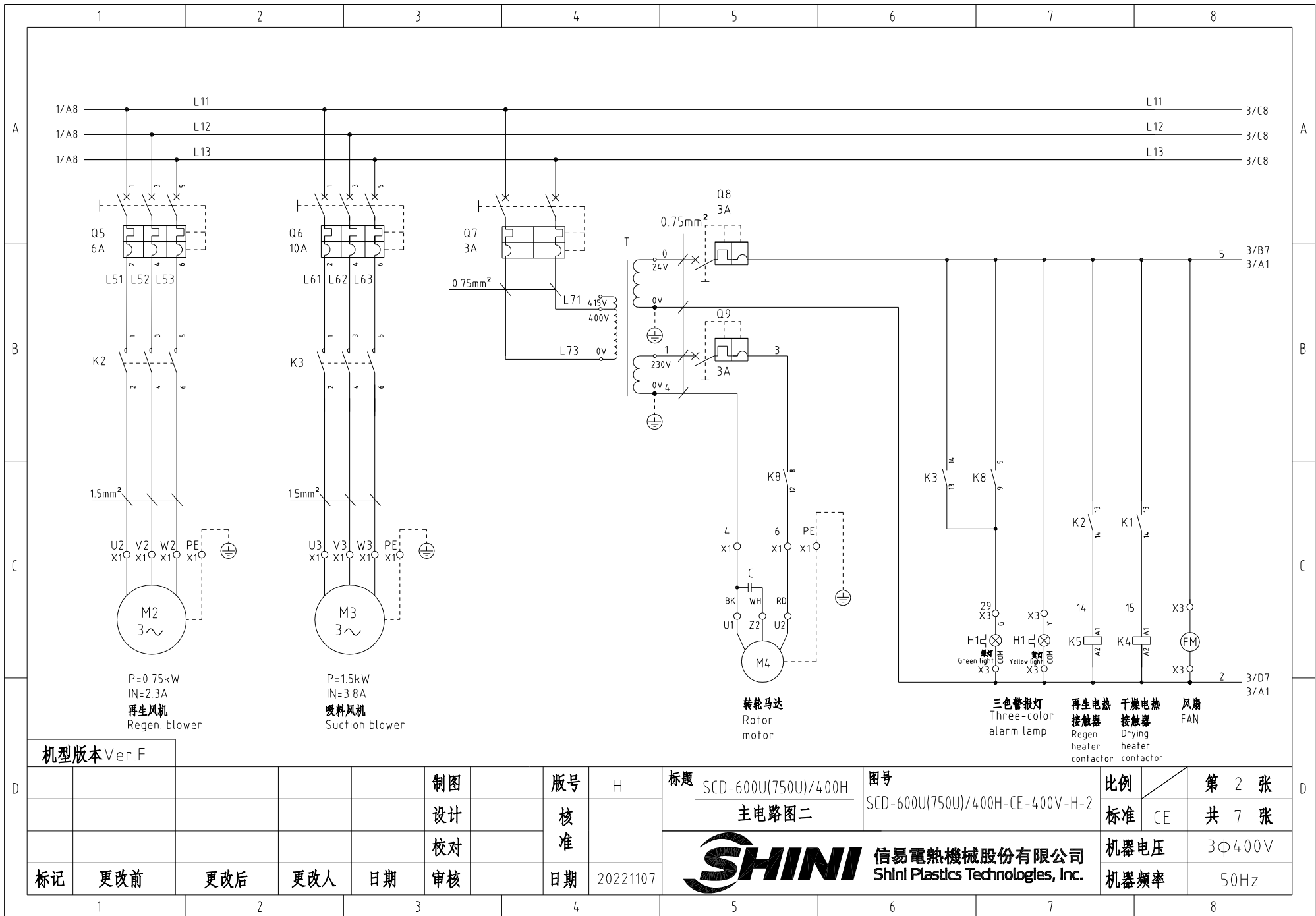
1	2		3	4	5	6	7	8						
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark						
1	Q1	Break interlock	ABB	A1A125TMF50	50A	1	YE41105200000							
2	Q2	Circuit-breaker	TECO	BM-63C 3P	32A	1	YE40303203000							
3	Q3	Circuit-breaker	TECO	BM-63C 3P	16A	1	YE40301603000							
4	Q4 Q6	Circuit-breaker	TECO	BM-63C 3P	10A	2	YE40301003000							
5	Q5	Circuit-breaker	TECO	BM-63C 3P	6A	1	YE40300603000							
6	Q7	Circuit-breaker	TECO	BM-63C/2003S 3A 2P	3A	1	YE40200203000							
7	Q8 Q9	Circuit-breaker	TECO	BM-63C/1003S 3A 1P	3A	2	YE40100203000							
8		Excitation release	YIJIN	MX	24V 50/60Hz	2	YE40024000000							
9	K3	Contactora	SIEMENS	3RT6016-1AB01-24VAC	24V 50/60Hz	1	YE00601602500	Quantity revised						
10	K4	接触器/Contactora	SIEMENS	3RT6027-1AC20-24VAC	24V 50/60Hz	4	YE00602702600	Cancel						
11	K5	接触器/Contactora	SIEMENS	3RT6018-1AB01-24VAC	24V 50/60Hz	4	YE00601802500	Cancel						
12	K1 K2 K5	Contactora	SIEMENS	3RT6015-1AB01-24VAC	24V 50/60Hz	3	YE00601502500	New						
13	K4	Contactora	SIEMENS	3RT6023-1AC20-24VAC	24V 50/60Hz	1	YE00602301100	New						
14	K8K9 K10	Middle relay	Honeywell	GR-2C-AC24V	Base PGR-2C-E	3	YE03022400300							
15	K11 K12 K21 K22	Solid-state relay	FOTEK	KSR-40DA-H	40A/480VAC/4-32VDC	4	YE03404003200							
16	T	Mutual transformer	JIUXIN	IN=400V/415V OUT=24V/230V	180VA 350MA	1	YE70040007400							
17	PCB	Microcomputer control board +microcomputer display/PCB	PUMP	K.SF878500B	AC24V	1	YE81878500300							
18	S3	露点变送器/Dew-point transducer	SUTO	Z17-0EM	IN=24VDC OUT=4-20mA	4	YE90021700100	(1)(2) Cancel						
19	S3	Dew-point transmitter	VAISALA	DMT141	IN=24VDC OUT=4-20mA	1	YE90014100100	(1)(2) New						
20	S4	Micro switch	CHOYI	CYLXW-5/11G2	AC380V DC220V	1	---	(1)						
21	S5 S6	Assembly EGO	EGO	(55.13262.160)	115-320°C	2	---	(1)						
22	S7,S8,S9	Thermocouple	SHINI	---	K	3	---	(1)						
23	S10	Comm. interface board RS-485(Double Dsub-9pin connector)	YUYUN	---	485ToDsub_V23	1	YE90048501200							
24		Shell RS485(SAL-700G-A-19)ver.0	BINCHENG	---	---	1	YR40048500000							
25	Y1,Y4	Solenoid valve	AirTAC	4V210-06	AC24V	2	---	(1)						
机型版本 Ver.F Notes: (1)Means it's not the material inside the control box.(2)Optional dew-point transmitter(-D).(3)optional one to two (-M2);														
D	Drawer		Version		I		Title SCD-300U(450U)/200H		Drawing NO.		Scale		Page 5	
	Designer		Approved by				Electrical Components List 1		SCD-300U(450U)/200H-CE-400V-I-5		Standard CE		Totally 6 Pages	
	Proofread by		Date		20210515		 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Voltage		3φ400V			
	Checked by								Frequency		50Hz			
Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date								
1	2	3	4	5	6	7	8							

1		2		3		4		5		6		7		8		
NO.	Symbol	Name		Manufacturer		Type		Specification		Number	Material number		Remark			
A	26	Y2 Y3	Solenoid valve		AirTAC		4V210-06		AC24V		2	---		(1)(3)		
	27	X1	Terminal board		HONEYWELL		GK10		10mm ²		3	YE60001003200				
	28		Terminal board		HONEYWELL		GK10PE		10mm ² PE		1	YE60001003500				
	29		Terminal board		HONEYWELL		SK4		4mm ²		21	YE60000403200				
	30		Terminal board		HONEYWELL		GK5PE		4mm ² PE		5	YE60000403500				
	31		Terminal board		HONEYWELL		SK2.5		2.5mm ²		19	YE60002503200		Quantity revised		
	32		Terminal board		HONEYWELL		GK2.5PE		2.5mm ² PE		5	YE60002503400		Quantity revised		
	B	33	X2	Terminal board		HONEYWELL		3-lay spring terminal SK2.5-TL		10A 250V		3	YE60002503600			
34			Terminal board		HONEYWELL		SK-2.5TL bridge connector		10A 250V		3	YE60001003600				
35		X3	Terminal board		HONEYWELL		SK2.5		2.5mm ²		7	YE60002503200				
36		X4,X5	Heavy duty connector		Harting		4P+PE(socket)Han 4A-F		4P		2	YE68000401400		(1)		
37		X6	Heavy duty connector		Harting		4P+PE(socket)Han 4A-F		4P		1	YE68000401400		(1)(3)		
38		FM	Fan		SUNON		12x12CM/24V/50/60HZ		24VAC		1	---		(1)		
39		M1	Drying blower		SHINI		RB-420		400V 1.5kW		1	---		(1)		
40		M2	Regen. blower		SHINI		RB-205		400V 0.4kW		1	---		(1)		
C	41	M3	Suction blower		SHINI		RB-420(3 phase 230V/400V)		50/60HZ 1.5KW		1	---		(1)		
	42	M4	Rotor motor		Dongli		31K15GN-C-T		220V 230V 0.015kW		1	---		(1)		
	43	EH1	Drying heater		SHINI		12KWSCD-300U/200H-B		04-3Φ230/400V (M16)		1	---		(1)		
	44	EH2	Regen. heater		SHINI		4KW 3Φ230V/400V		SD-40H-D-03~04(0)		1	---		(1)		
	45		Terminal fittings E/GK series		HONEYWELL		---		E-GK		6	YE60000003900				
	46	H1	3-color (red.gre.yel.+ buzzer) alarm light		SHINI		priority		24V 50/60Hz		1	BL90242201520		(1)		
D	机型版本 Ver.F		Notes: (1)Means it's not the material inside the control box.(2)Optional dew-point transmitter(-D).(3)optional one to two (-M2);													
					Drawer		Version	I	Title	SCD-300U(450U)/200H	Drawing NO.		Scale		Page	6
					Designer		Approved by		Electrical Components List 2		SCD-300U(450U)/200H-CE-400V-I-6		Standard	CE	Totally	6 Pages
					Proofread by								Voltage			3Φ400V
Mark	Before modification	After modification	Modified by	Modify date	Checked by		Date	20210515	 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.			Frequency			50Hz	
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机型版本 Ver.F

				制图		版号		H		标题		图号		比例		第 1 张			
				设计		核准				SCD-600U(750U)/400H		SCD-600U(750U)/400H-CE-400V-H-1		标准		CE		共 7 张	
				校对						主电路图一				机器电压		3Φ400V			
标记		更改前		更改后		更改人		日期		20221107		SHINI 信易电热机械股份有限公司 Shini Plastics Technologies, Inc.		机器频率		50Hz			



机型版本 Ver.F

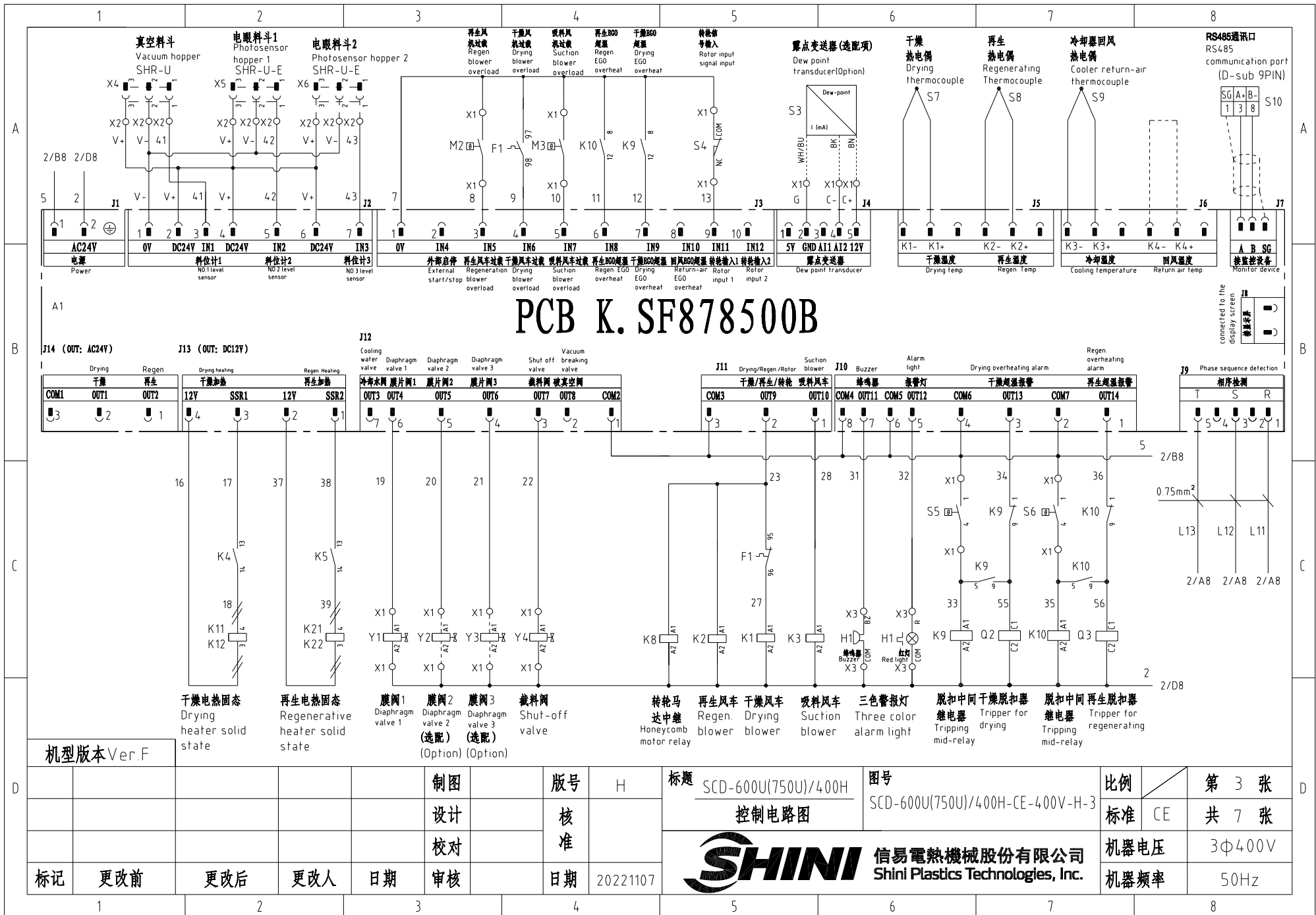
制图	版号	H
设计	核准	
校对	核准	
标记	更改前	更改后
	更改人	日期
	日期	20221107

标题 SCD-600U(750U)/400H
主电路图二

图号 SCD-600U(750U)/400H-CE-400V-H-2

比例	第 2 张
标准 CE	共 7 张
机器电压	3Φ400V
机器频率	50Hz

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



PCB K. SF878500B

机型版本 Ver.F

					制图	版本号	H	标题	SCD-600U(750U)/400H	图号	SCD-600U(750U)/400H-CE-400V-H-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		 信易电热机械股份有限公司 Shini Plastics Technologies, Inc.		机器电压	3Φ400V		
标记	更改前	更改后	更改人	日期	审核	日期	20221107		机器频率	50Hz			

A

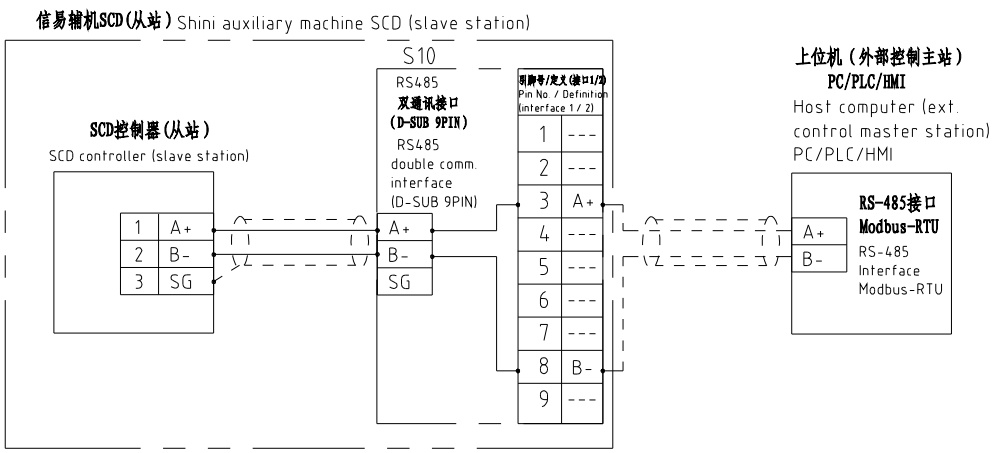
B

C

D

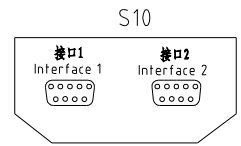
SCD RS-485通讯接线示意图

SCD RS-485 comm. wiring diagram



信易RS-485接口定义

Shini RS-485 interface definition



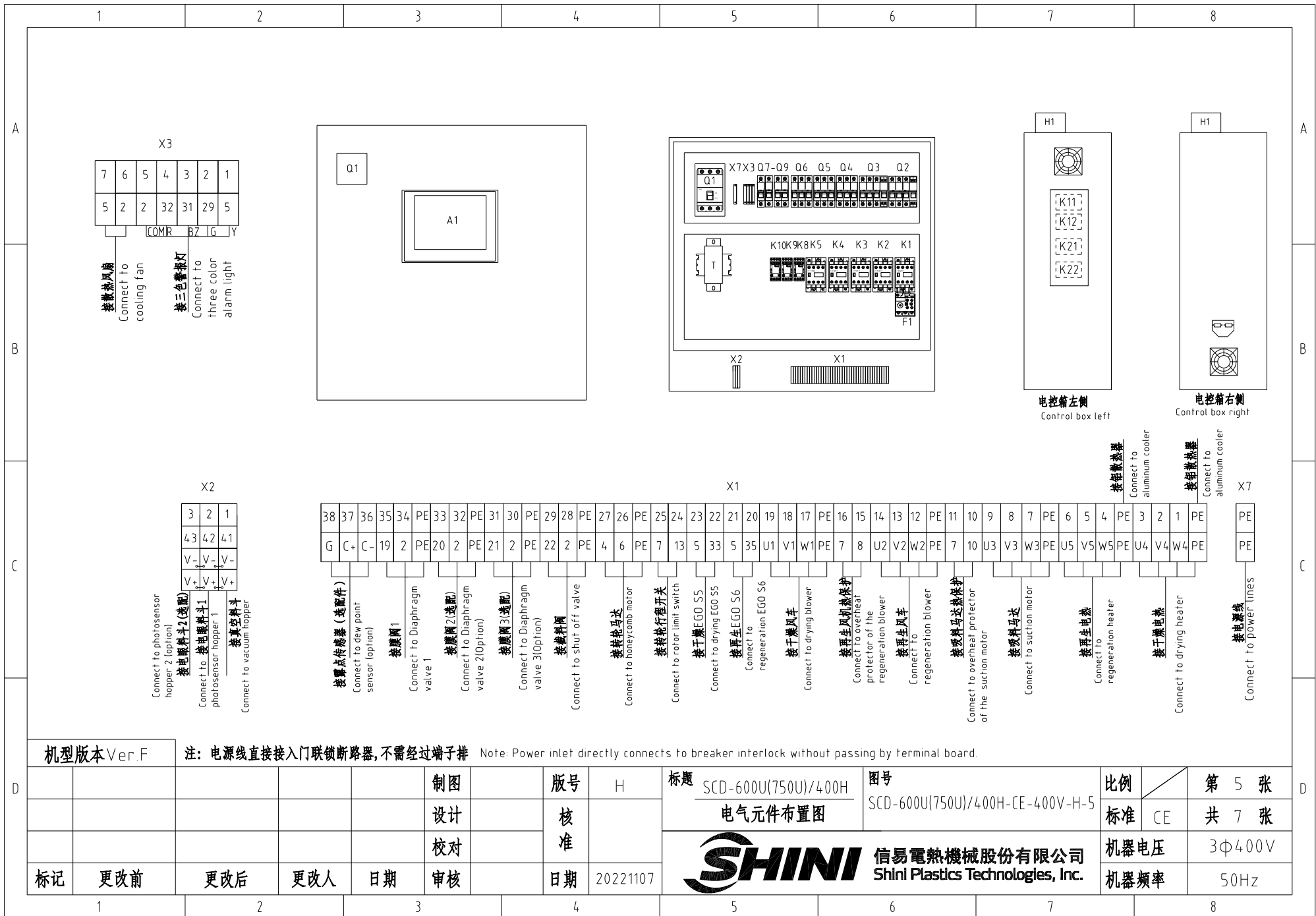
D-sub-9针接口 D-sub-9 pin interface	引脚号 Pin No.	引脚定义 Pin definition
	1	空 Empty
	2	空 Empty
	3	A+ (RS-485 信号) A+ (RS-485 signal)
	4	空 Empty
	5	空 Empty
	6	空 Empty
	7	空 Empty
	8	B- (RS-485 信号) B- (RS-485 signal)
	9	空 Empty

- 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.F

					制图	版号	H	标题	SCD-600U(750U)/400H 通讯接口接线图	图号	SCD-600U(750U)/400H-CE-400V-H-4	比例	第 4 张
				设计	核准	标准	CE						
				校对	核准							机器电压	3Φ400V
标记	更改前	更改后	更改人	日期	审核	日期	20221107	信易电热机械股份有限公司 Shini Plastics Technologies, Inc.		机器频率	50Hz		



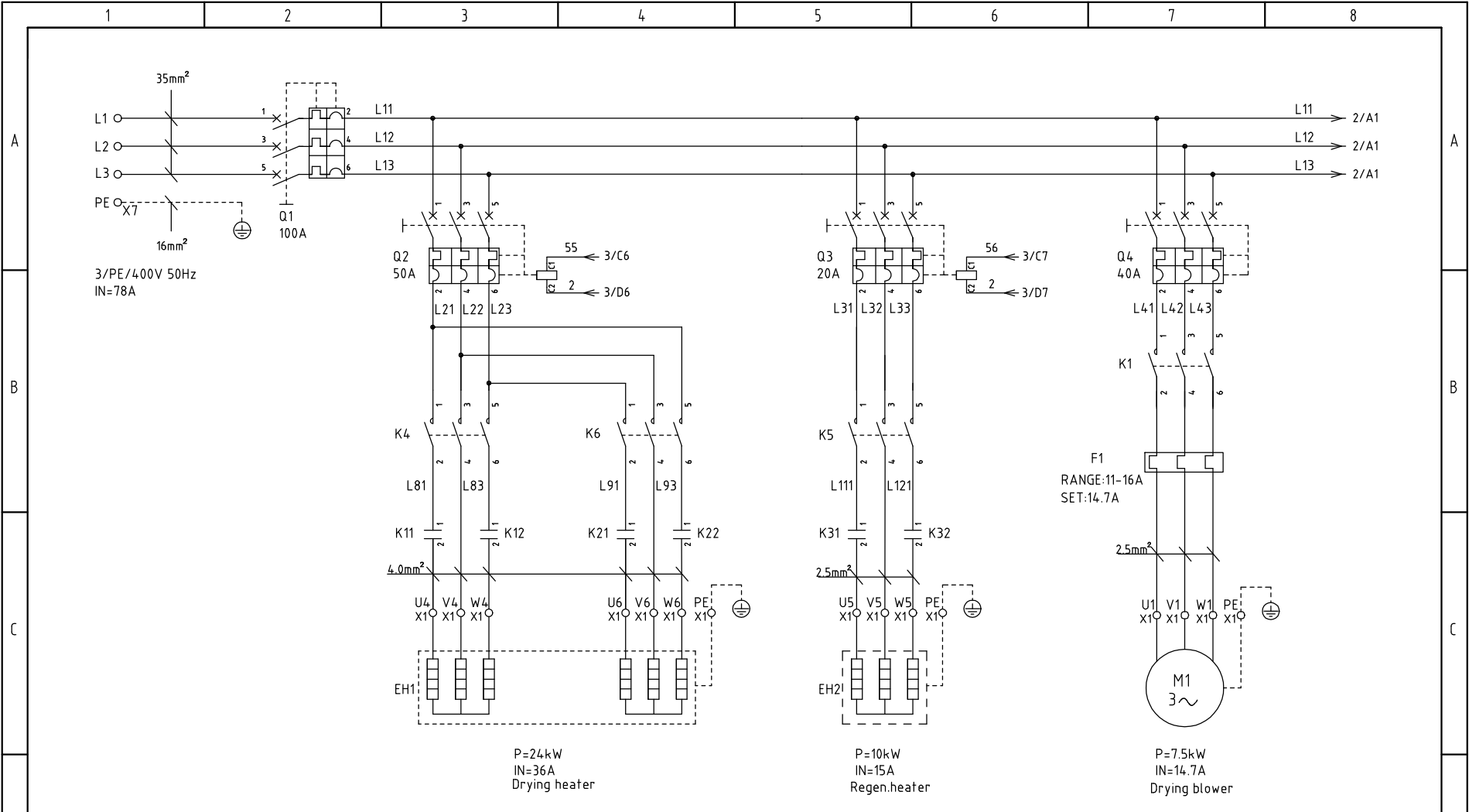
机型版本 Ver.F

注: 电源线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.

标题		SCD-600U(750U)/400H		图号		SCD-600U(750U)/400H-CE-400V-H-5		比例		第 5 张	
电气元件布置图		核准		标准		CE		共 7 张			
SHINI 信易电热机械股份有限公司 Shini Plastics Technologies, Inc.		日期		机器电压		3Φ400V		机器频率		50Hz	
标记	更改前	更改后	更改人	日期	审核	日期	20221107				

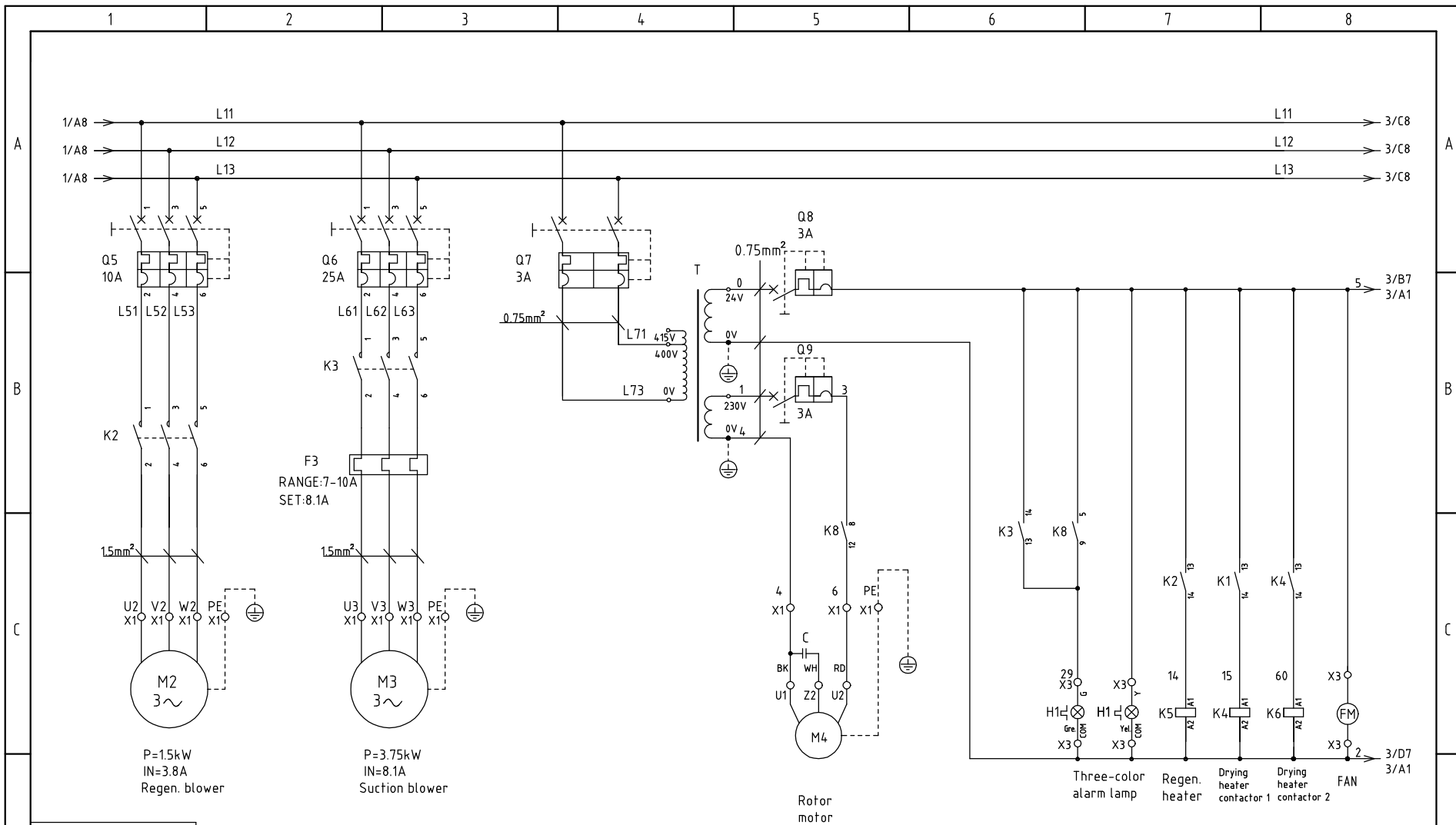
1		2		3		4		5		6		7		8	
序号/NO	符号/Symbol	名称/Name		制造商/Manufacturer		型号/Type		规格/Specification		数量/Number	物料编号/Material number		备注/Remark		
1	Q1	门连锁断路器/Breaker interlock		TECO		B0100EB3080		80A		1	YE40100300300				
2		断路器外操操作把手/External circuit breaker handle		TECO		1A-CS1-C-D1		B0100EB		1	YE90111100100				
3	Q2	断路器/Circuit-breaker		TECO		BM-63C 3P		40A		1	YE40304003000				
4	Q3	断路器/Circuit-breaker		TECO		BM-63C 3P		16A		1	YE40301603000				
5	Q4	断路器/Circuit-breaker		TECO		BM-63C 3P		20A		1	YE40302003000				
6	Q5	断路器/Circuit-breaker		TECO		BM-63C 3P		6A		1	YE40300603000				
7	Q6	断路器/Circuit-breaker		TECO		BM-63C 3P		10A		1	YE40301003000				
8	Q7	断路器/Circuit-breaker		TECO		BM-63C/2003S 3A 2P		3A		1	YE40200203000				
9	Q8 Q9	断路器/Circuit-breaker		TECO		BM-63C/1003S 3A 1P		3A		2	YE40100203000				
10		励磁脱扣器/Excitation release		YIJIN		MX		24V 50/60Hz		2	YE40024000000				
11	K1	接触器/Contactor		SIEMENS		3RT6017-1AB01-24VAC		24V 50/60Hz		1	YE00601702500				
12	K2 K3	接触器/Contactor		SIEMENS		3RT6016-1AB01-24VAC		24V 50/60Hz		2	YE00601602500				
13	K4	接触器/Contactor		SIEMENS		3RT6023-1AC20-24VAC		24V 50/60Hz		1	YE00602301100				
14	K5	接触器/Contactor		SIEMENS		3RT6015-1AB01-24VAC		24V 50/60Hz		1	YE00601502500				
15	K8K9 K10	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-50DA-H		50A/480VAC/4-32VDC		2	YE03505003200				
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 overheat relay		SIEMENS		3RU6116-1JB0		7-10A		1	YE01167100000				
19	T	互感变压器/Sensor Transformer		JIUXIN		IN=400V/415V OUT=24V/230V		230VA 350MA		1	YE70040007500				
20	A1	微电脑控制板-微电脑显示屏 Microprocessor control board+Microprocessor displayer		PUMP		K SF878500B		AC24V		1	YE81878500300				
21	S3	露点变送器/Dew-point transducer		VAISALA		DMT141		IN=24VDC OUT=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BGO/EGO assembly		EGO		(55.13262.160)		115-320°C		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接口) Communication interface board RS-485 (double Dsub-9pin connect)		YUYUN		---		485ToDsub_V23		1	YE90048501200				
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); (3)表示选配一对二(-M2) Notes: (1)Means it 's not the material inside the control box. (2)Optional dew point transducer. (3)Optional "1-to-2" (add "M2").													
				制图		版本号 H		标题 SCD-600U(750U)/400H		图号 SCD-600U(750U)/400H-CE-400V-H-6		比例		第 6 张	
				设计		核 准		电气元件明细表一		标准 CE		共 7 张			
				校对				 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		机器电压		3φ400V			
标记		更改前		更改后		更改人				日期		20221107		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		
26		外殼RS485 (SAL-700G-A-19) 0版 Shell RS485(SAL-700G-A-19)0		BINCHENG		---		---		1	YR40048500000				
27	Y1,Y4	电磁阀/Solenoid valve		AirTAC		4V210-06		AC24V		2	---		(1)		
28	Y2 Y3	电磁阀/Solenoid valve		AirTAC		4V210-06		AC24V		2	---		(1)(3)		
29	H1	三色警報灯(紅綠黃優先順序+蜂鳴器) Three-color alarm lamp (Red Gre Yel + buzzer)		SHINI		优先级 Priority		24V 50/60Hz		1	BL90002401520		(1)		
30	X1X2X3X7	端子排/Terminal board		HONEYWELL		GK16PE		16mm ² PE		1	YE60001603500				
31		端子排/Terminal board		HONEYWELL		GK6		6mm ²		3	YE60000603200				
32		端子排/Terminal board		HONEYWELL		GK6PE		6mm ² PE		1	YE60000603500				
33		端子排/Terminal board		HONEYWELL		SK4		4mm ²		16	YE60000403200				
34		端子排/Terminal board		HONEYWELL		GK5PE		4mm ² PE		4	YE60000403500				
35		端子排/Terminal board		HONEYWELL		SK2.5		2.5mm ²		26	YE60002503200				
36		端子排/Terminal board		HONEYWELL		GK2.5PE		2.5mm ² PE		5	YE60002503400				
37		端子排/Terminal board		HONEYWELL		三层弹簧端子SK2.5-TL Three-layer spring terminal SK2.5-TL		10A 250V		3	YE60002503600				
38		端子排/Terminal board		HONEYWELL		SK-2.5TL 插接件 SK-2.5TL Interconnector		10A 250V		1	YE60001003600				
39		终端固定件E/GK系列 Terminal fittings E/GK series		HONEYWELL		---		E-GK		4	YE60000003900				
40	X4,X5	重载接插件/Heavy-duty plug-in		Harting		4P+PE(母座)Han 4A-F 4P+PE(socket)Han 4A-F		4P		2	YE68000401400		(1)		
41	X6	重载接插件/Heavy-duty plug-in		Harting		4P+PE(母座)Han 4A-F 4P+PE(socket)Han 4A-F		4P		1	YE68000401400		(1)(3)		
42	FM	风扇/Fan		SUNON		12×12CM/24V/50/60HZ		24VAC		1	---		(1)		
43	M1	干燥风机/Drying blower		SHINI		RB-550		400V 3.75kW		1	---		(1)		
44	M2	再生风机/Regen. blower		SHINI		RB-310		400V 0.75kW		1	---		(1)		
45	M3	吸料风车/Suction blower		SHINI		RB-420(3Φ230V/400V)		50/60HZ 1.5KW		1	---		(1)		
46	M4	转轮马达/Honeycomb motor		Dongli		31K15GN-C-T		220V 230V 0.015kW		1	---		(1)		
47	EH1	干燥电热管/Drying pipe heater		SHINI		18KWSCD-600U/400H-B		08 3Φ230/400V (M16)		1	---		(1)		
48	EH2	再生电热管/Regen. pipe heater		SHINI		SD-400H/300H-7 2KW		3Φ230/400V		1	---		(1)		
49		三层弹簧端子 端子板D-SK2.5-TL (50PCS/包) Three-layer spring terminal Terminal plate D-SK2.5-TL(50PCS/bag)		HONEYWELL		SK2.5		2.5mm ²		1	YE60002500800				
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); (3)表示选配一对二(-M2) Notes: (1)Means it 's not the material inside the control box. (2)Optional dew point transducer. (3)Optional "1-to-2" (add "M2").													
				制图		版本号 H		标题 SCD-600U(750U)/400H 电气元件明细表二		图号 SCD-600U(750U)/400H-CE-400V-H-7		比例		第 7 张	
				设计		核准						标准 CE		共 7 张	
				校对								机器电压		3Φ400V	
标记		更改前		更改后		更改人		日期 20221107		SHINI 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	



机型版本 Ver.H

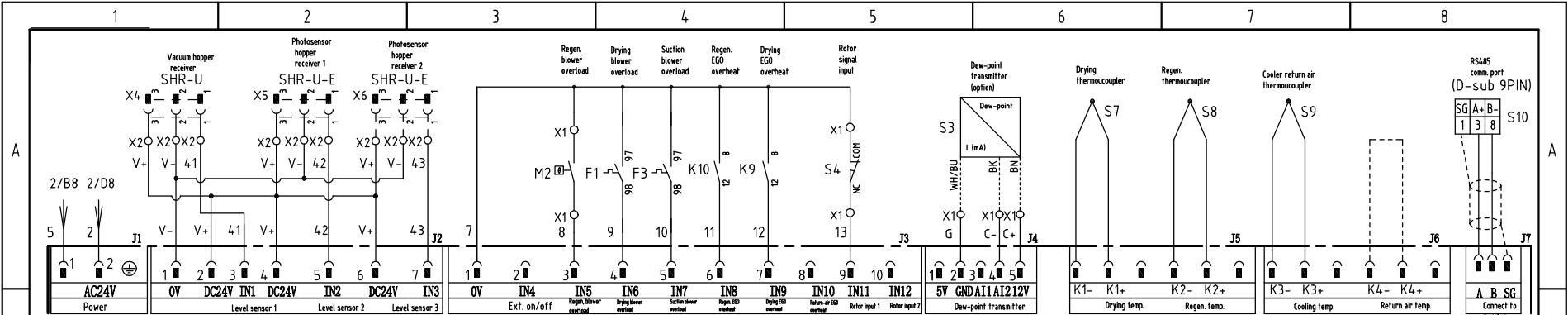
D					Drawer	Version	G	Title	SCD-900U(1200U)/700H	Drawing NO.	Scale	Page 1
					Designer	Approved by		Main Circuit Diagram 1	SCD-900U(1200U)/700H-CE-400V-G-1	Standard	CE	Totally 6 Pages
D					Proofread by	Date	20210104	信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.	Voltage		3φ400V	
	Mark				Before modification	After modification	Modified by		Modify date	Frequency		50Hz
1	2	3	4	5	6	7	8					



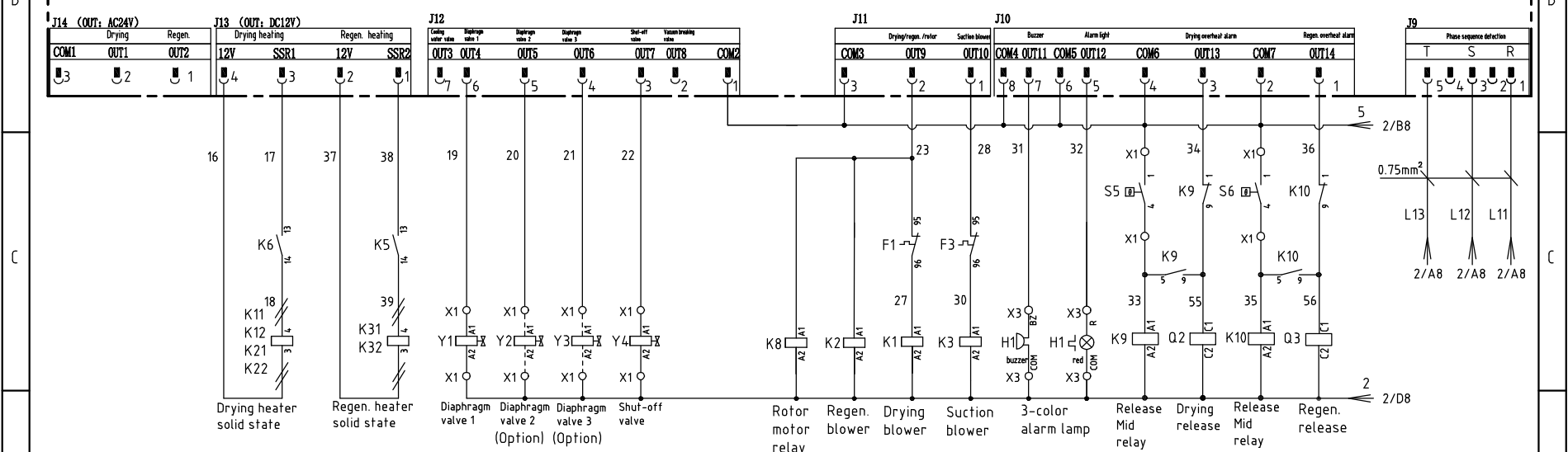
机型版本 Ver.H

D	Drawer	Version	G	Title	SCD-900U(1200U)/700H	Drawing NO.	SCD-900U(1200U)/700H-CE-400V-G-2	Scale	Page 2
	Designer	Approved by		Main Circuit Diagram 2		Standard	CE	Totally 6 Pages	
Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date	20210104	Voltage	3Φ400V
								Frequency	50Hz

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



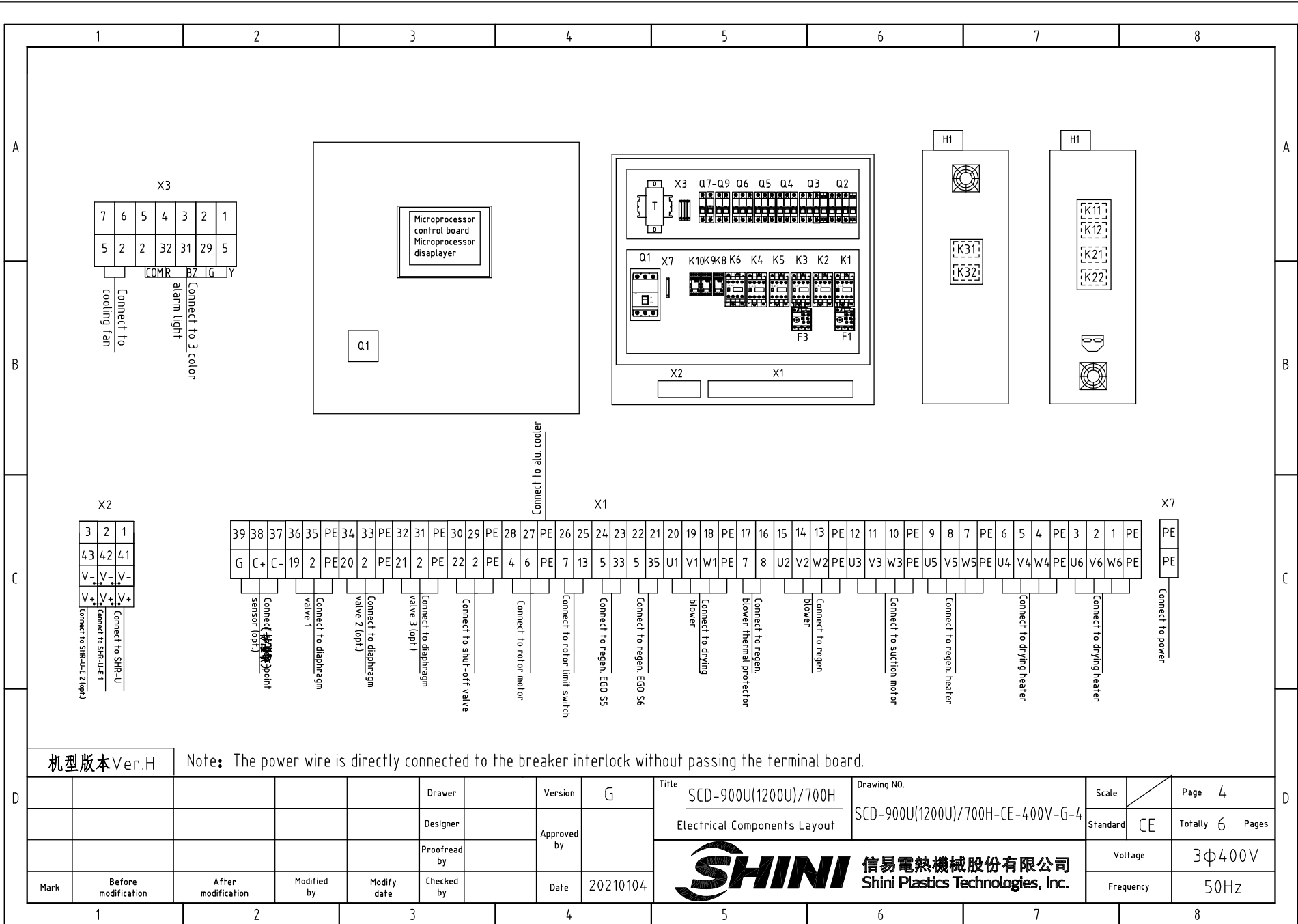
PCB K. SF878500B



机型版本 Ver.H


D	Drawer	Version	G	Title	SCD-900U(1200U)/700H Control Circuit Diagram	Drawing NO.	SCD-900U(1200U)/700H-CE-400V-G-3	Scale	Page 3
	Designer	Approved by						Standard	CE
Mark	Proofread by	Date	20210104					Voltage	3φ400V
	Before modification	After modification	Modify date	Checked by				Frequency	50Hz





机型版本 Ver.H

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

D	Drawer	Version	G	Title	SCD-900U(1200U)/700H	Drawing NO.	Scale	Page	4
	Designer	Approved by		Electrical Components Layout	SCD-900U(1200U)/700H-CE-400V-G-4	Standard	CE	Totally	6 Pages
	Proofread by	Date	20210104	 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Voltage	3φ 400V		
Mark	Before modification	After modification	Modified by			Modify date	Checked by	Frequency	50Hz

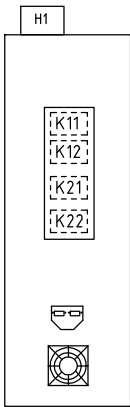
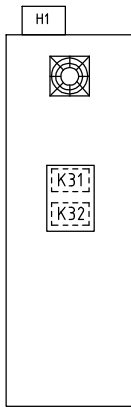
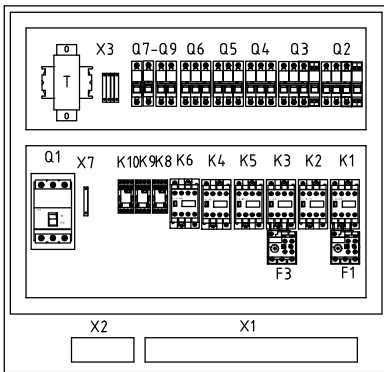
X3						
7	6	5	4	3	2	1
5	2	2	32	31	29	5
COMR BZ IG Y						

Connect to cooling fan

Connect to 3 color alarm light

Q1

Microprocessor control board
Microprocessor displayer



X2		
3	2	1
43	42	41
V+	V+	V+
V-	V-	V-
Connect to SHR-U		
Connect to SHR-U-E1		
Connect to SHR-U-E2 (opt.)		

39	38	37	36	PE	34	33	PE	32	31	PE	30	29	PE	28	27	PE	26	25	24	23	22	21	20	19	18	PE	17	16	15	14	13	PE	12	11	10	PE	9	8	7	PE	6	5	4	PE	3	2	1	PE	
G	C+	C-	19	2	PE	20	2	PE	21	2	PE	22	2	PE	4	6	PE	7	13	5	33	5	35	U1	V1	W1	PE	7	8	U2	V2	W2	PE	U3	V3	W3	PE	U5	V5	W5	PE	U4	V4	W4	PE	U6	V6	W6	PE
Connect to alu. cooler		Connect to diaphragm valve 1		Connect to diaphragm valve 2 (opt.)		Connect to diaphragm valve 3 (opt.)		Connect to shut-off valve		Connect to rotor motor		Connect to rotor limit switch		Connect to regen. EGO S5		Connect to regen. EGO S6		Connect to drying blower		Connect to regen blower thermal protector		Connect to regen blower		Connect to suction motor		Connect to regen heater		Connect to drying heater		Connect to drying heater		Connect to power																	

1		2		3		4		5		6		7		8	
NO.	Symbol	Name		Manufacturer		Type		Specification		Number	Material number		Remark		
A	1	Q1	Break interlock		ABB		A1A125TMF100		100A		1	YE4110200000			
	2	Q2	Circuit-breaker		TECO		BM-63C 3P		50A		1	YE40305003000			
	3	Q3	Circuit-breaker		TECO		BM-63C 3P		20A		1	YE40302003000			
	4	Q4	Circuit-breaker		TECO		BM-63C 3P		40A		1	YE40304003000			
	5	Q5	Circuit-breaker		TECO		BM-63C 3P		10A		1	YE40301003000			
	6	Q6	Circuit-breaker		TECO		BM-63C 3P		25A		1	YE40302503000			
	7	Q7	Circuit-breaker		TECO		BM-63C/2003S 3A 2P		3A		1	YE40200203000			
B	8	Q8 Q9	Circuit-breaker		TECO		BM-63C/1003S 3A 1P		3A		2	YE40100203000			
	9		Excitation release		YIJIN		MX		24 V 50/60Hz		2	YE40024000000			
	10	K1	Contactor		SIEMENS		3RT6026-1AC20-24 VAC		24 V 50/60Hz		1	YE00602602600			
	11	K2 K4 K5 K6	Contactor		SIEMENS		3RT6016-1AB01-24 VAC		24 V 50/60Hz		4	YE00601602500			
	12	K3	Contactor		SIEMENS		3RT6017-1AB01-24 VAC		24 V 50/60Hz		1	YE00601702500			
	13	K8K9 K10	Middle relay		Honeywell		GR-2C-AC24V		Base PGR-2C-E		3	YE03022400300			
	14	K11 K12 K21 K22 K31 K32	Solid-state relay		FOTEK		KSR-40DA-H		40A/480VAC/4-32VDC		6	YE03404003200			
C	15	F1	Thermal overload relay		SIEMENS		3RU6126-4 AB0		11-16A		1	YE01260110000			
	16	F3	Thermal overload relay		SIEMENS		3RU6116-1GB0		7-10A		1	YE01167100000			
	17	T	Mutual transformer		JIUXIN		IN=400V/415V OUT=24V/230V		230VA 350MA		1	YE70040007500			
	18	PCB	Microcomputer control board +microcomputer displayer/PCB		PUMP		K.SF878500B		AC24V		1	YE81878500300			
	19	S3	Dew-point transmitter		VAISALA		DMT141		IN=24 VDC OUT=4-20mA		1	YE90014100100		(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°C		2	---		(1)	
	22	S7,S8,S9	Thermocouple		SHINI		---		K		3	---		(1)	
	23	S10	Comm. interface board RS-485(Double Dsub-9pin connector)		YUYUN		---		485ToDsub_V23		1	YE90048501200			
	24		Shell RS485(SAL-700G-A-19)ver.0		BINCHENG		---		---		1	YR40048500000			
D	25	Y1,Y4	Solenoid valve		AirTAC		4V210-06		AC24V		2	---		(1)	
	机型版本 Ver.H		Notes: (1)Means it's not the material inside the control box.(2)Optional dew-point transmitter(-D).(3)optional one to two (-M2);												
					Drawer		Version	G	Title	SCD-900U(1200U)/700H		Drawing NO.		Scale	Page 5
					Designer		Approved by		Electrical Components List 1		SCD-900U(1200U)/700H-CE-400V-G-5		Standard	CE	Totally 6 Pages
				Proofread by				 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Voltage		3φ400V			
Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date	20210104			Frequency		50Hz			
1		2		3		4		5		6		7		8	

1		2		3		4		5		6		7		8	
NO.	Symbol	Name		Manufacturer		Type		Specification		Number	Material number		Remark		
26	Y2 Y3	Solenoid valve		AirTAC		4V210-06		AC24V		2	---		(1)(3)		
27	H1	3-color (red.gre.yel.+ buzzer) alarm light		SHINI		priority		24V 50/60Hz		1	BL90242201520		(1)		
A	28	X7	Terminal board		HONEYWELL		GK16PE		16mm ² PE		1	YE60001603500		A	
	29	X1 X3	Terminal board		HONEYWELL		SK4		4mm ²		20	YE60000403200			
	30		Terminal board		HONEYWELL		GK5PE		4mm ² PE		6	YE60000403500			
	31		Terminal board		HONEYWELL		SK2.5		2.5mm ²		26	YE60002503200			
	32		Terminal board		HONEYWELL		GK2.5PE		2.5mm ² PE		5	YE60002503400			
	33	X2	Terminal board		HONEYWELL		3-layer spring terminal SK2.5-TL		10A 250V		3	YE60002503600			
	34		Terminal board		HONEYWELL		SK-2.5TL bridge connector		10A 250V		3	YE60001003600			
	35		Terminal fittings E/GK series		HONEYWELL		E		GK		6	YE60000003900			
B	36	X4,X5	Heavy duty connector		Harting		4P+PE(socket)Han 4A-F		4P		2	YE68000401400		(1)	
	37	X6	Heavy duty connector		Harting		4P+PE(socket)Han 4A-F		4P		1	YE68000401400		(1)(3)	
	38	FM	Fan		SUNON		12×12CM/24V/50/60HZ		24VAC		1	---		(1)	
	39	M1	Drying blower		SHINI		RB-850		400V 7.5kW		1	---		(1)	
	40	M2	Regen. blower		SHINI		RB-420		400V 1.5kW		1	---		(1)	
	41	M3	Suction blower		SHINI		RB-550(3 phase 230V/400V)		50/60HZ 3.75KW		1	---		(1)	
	42	M4	Rotor motor		Dongli		31K15GN-C-T		220V 230V 0.015kW		1	---		(1)	
	43	EH1	Drying heater		SHINI		24KWSCD-900U/700H-B		04 3Φ230/400V (M16)		1	---		(1)	
C	44	EH2	Regen. heater		SHINI		SD-500H-10KW		3Φ230/400V		1	---		(1)	

机型版本 Ver.H

Notes: (1)Means it's not the material inside the control box.(2)Optional dew-point transmitter(-D).(3)optional one to two (-M2);

D	Title		Drawing NO.		Scale	Page 6
	SCD-900U(1200U)/700H		SCD-900U(1200U)/700H-CE-400V-G-6		Standard CE	Totally 6 Pages
	电气元件明细表二					Voltage
	Mark	Before modification	After modification	Modified by	Modify date	Checked by
						20210104
SHINI 信易電熱機械股份有限公司		Shini Plastics Technologies, Inc.		Frequency	50Hz	

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