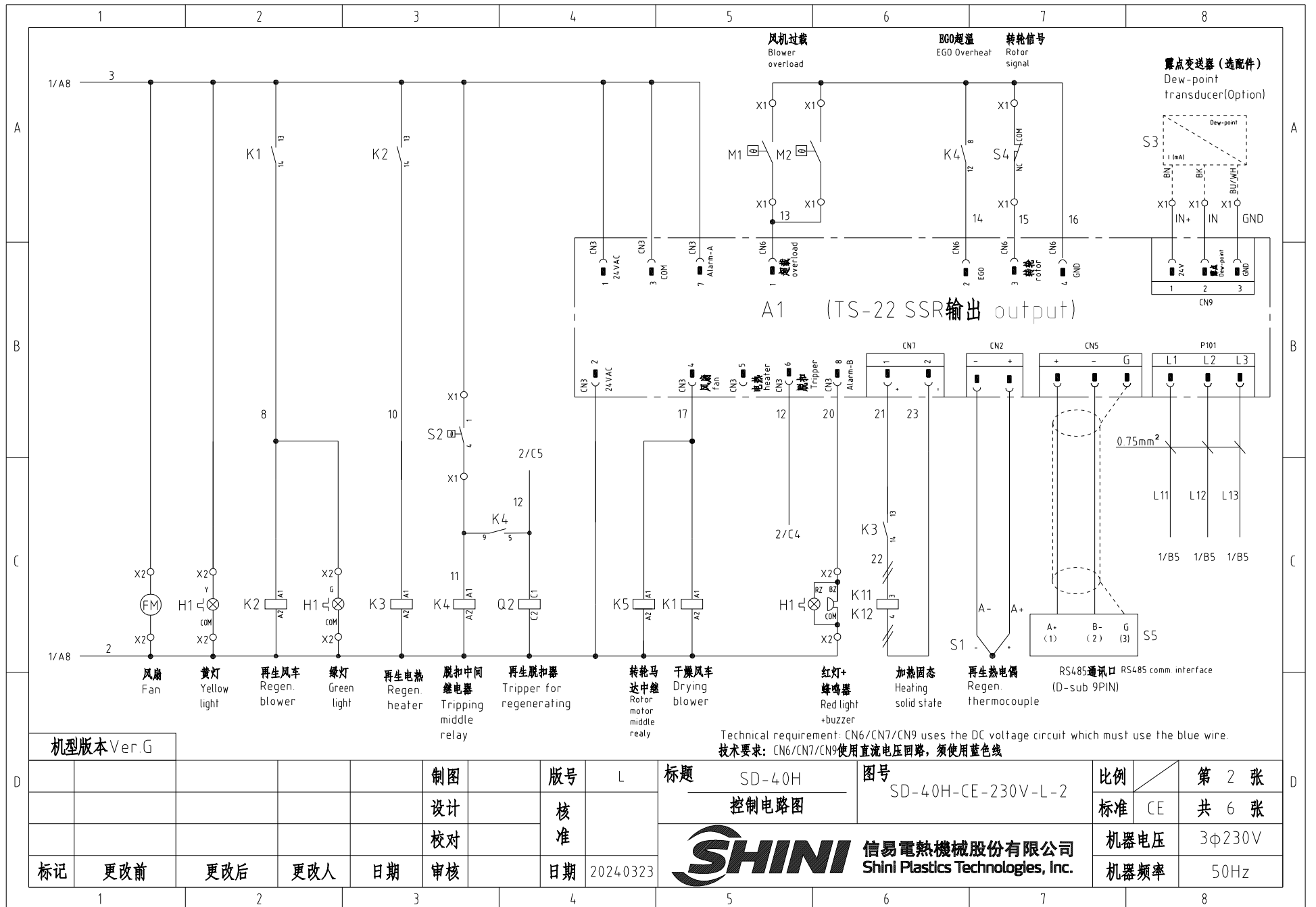


机型版本 Ver.G

					制图	版号	L	标题	SD-40H	图号	SD-40H-CE-230V-L-1	比例	第 1 张
					设计	核准		主电路图		标准	CE		共 6 张
					校对			 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	2024.03.23		机器频率	50Hz			



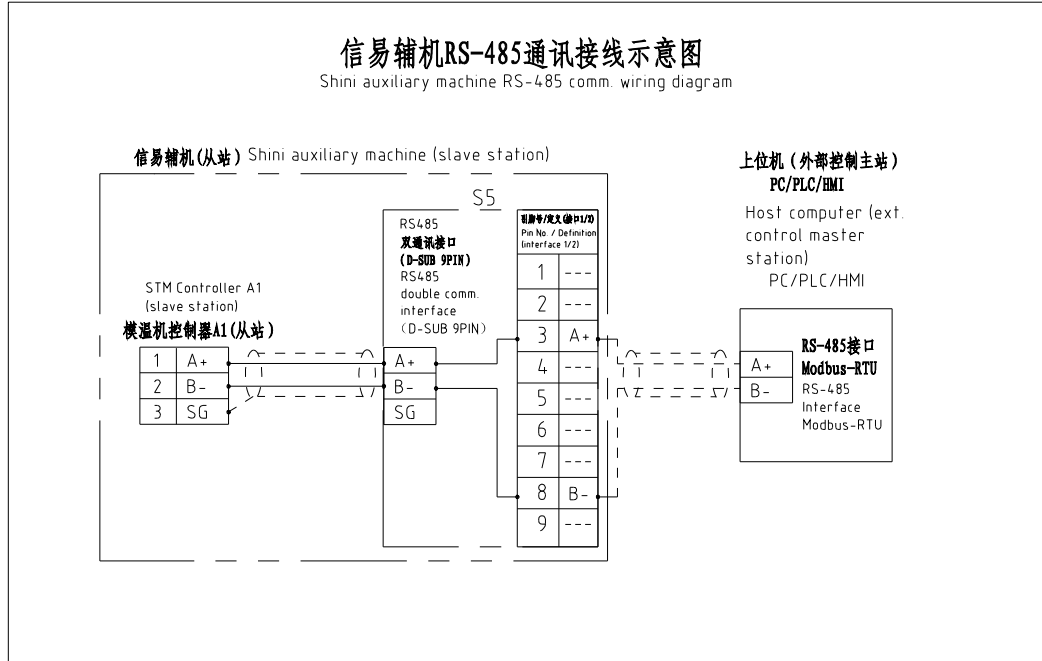
机型版本 Ver.G

制图	版号	L	标题	SD-40H	图号	SD-40H-CE-230V-L-2	比例	第 2 张	
设计	核准		控制电路图				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	审核	日期	20240323	机器频率	50Hz

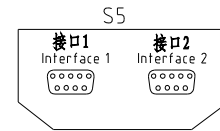


信易電熱機械股份有限公司
Shini Plastics Technologies, Inc.

比例	第 2 张
标准	CE
机器电压	3φ230V
机器频率	50Hz



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	-

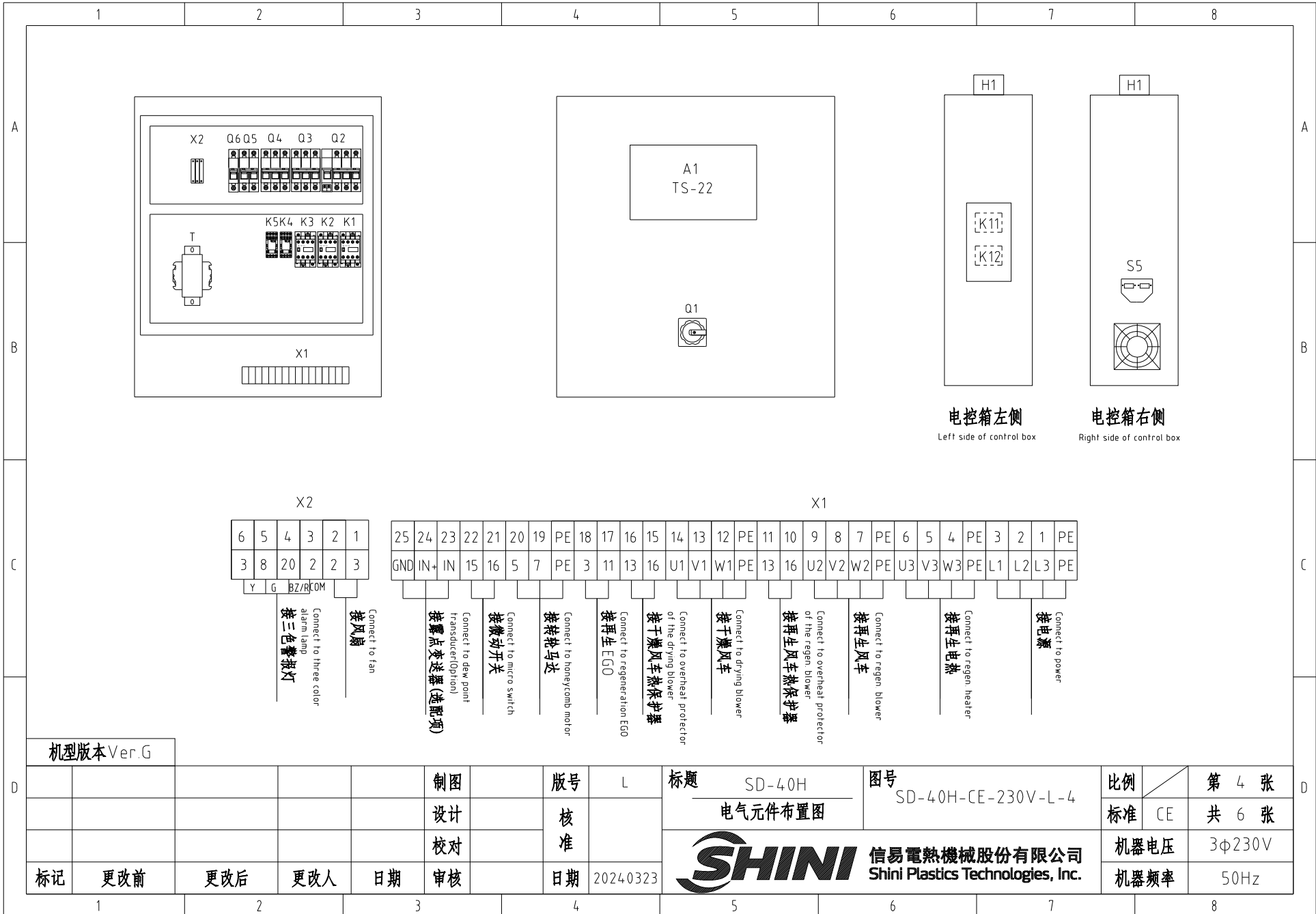
- 注: 1. 通讯接口: RS-485 (两线式)
2. 通讯协议: Modbus-RTU
3. 机器配备D-sub9母接头, 接口1和接口2内部并联, 功能相同, 不分主次;

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	L	标题	SD-40H	图号	SD-40H-CE-230V-L-3	比例	第 3 张
						设计	核		通讯接线图		标准	CE	共 6 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	20240323	机器频率				50Hz		



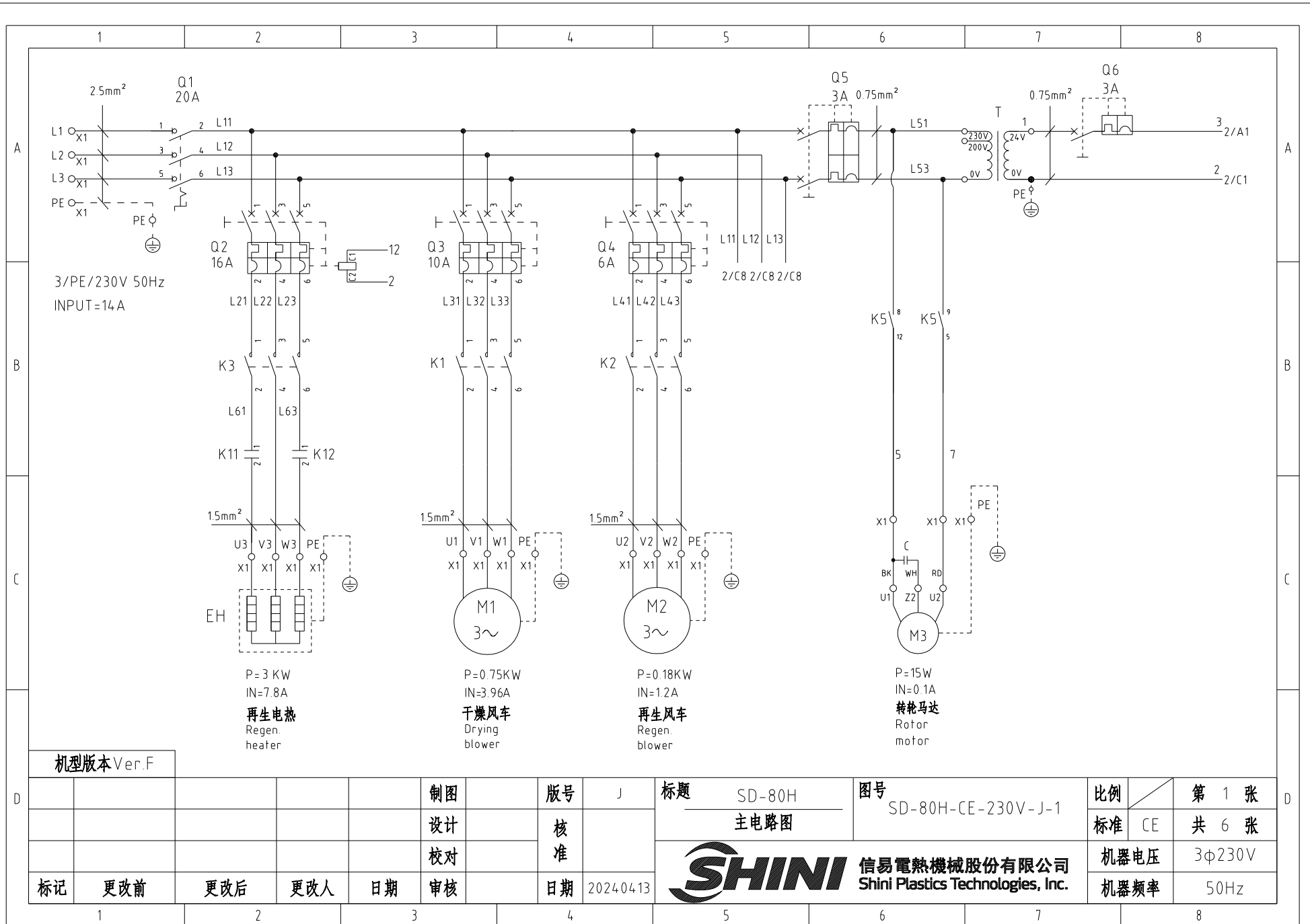
X2						X1																													
6	5	4	3	2	1	25	24	23	22	21	20	19	PE	18	17	16	15	14	13	12	PE	11	10	9	8	7	PE	6	5	4	PE	3	2	1	PE
3	8	20	2	2	3	GND	IN+	IN	15	16	5	7	PE	3	11	13	16	U1	V1	W1	PE	13	16	U2	V2	W2	PE	U3	V3	W3	PE	L1	L2	L3	PE
Y	G	BZ/REOM																																	
		接三色警报灯							接风扇																										
		Connect to three color alarm lamp							Connect to fan																										
									接露点变送器(选配项)																										
									Connect to dew point Transducer(Optional)																										
									接微动开关																										
									Connect to micro switch																										
									接转热马达																										
									Connect to honeycomb motor																										
									接再生 EGO																										
									Connect to regeneration EGO																										
									接干燥风车热保护器																										
									Connect to overhear protector of the drying blower																										
									接干燥风车																										
									Connect to drying blower																										
									接再生风车热保护器																										
									Connect to overhear protector of the regen blower																										
									接再生风车																										
									Connect to regen blower																										
									接再生电热器																										
									Connect to regen heater																										
									接电源																										
									Connect to power																										

机型版本 Ver.G

标记	更改前	更改后	更改人	日期	制图	版号	L	标题	SD-40H	图号	SD-40H-CE-230V-L-4	比例	第 4 张
					设计	核		电气元件布置图		标准	CE	共 6 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			
					审核	日期	2024.03.23		机器频率	50Hz			

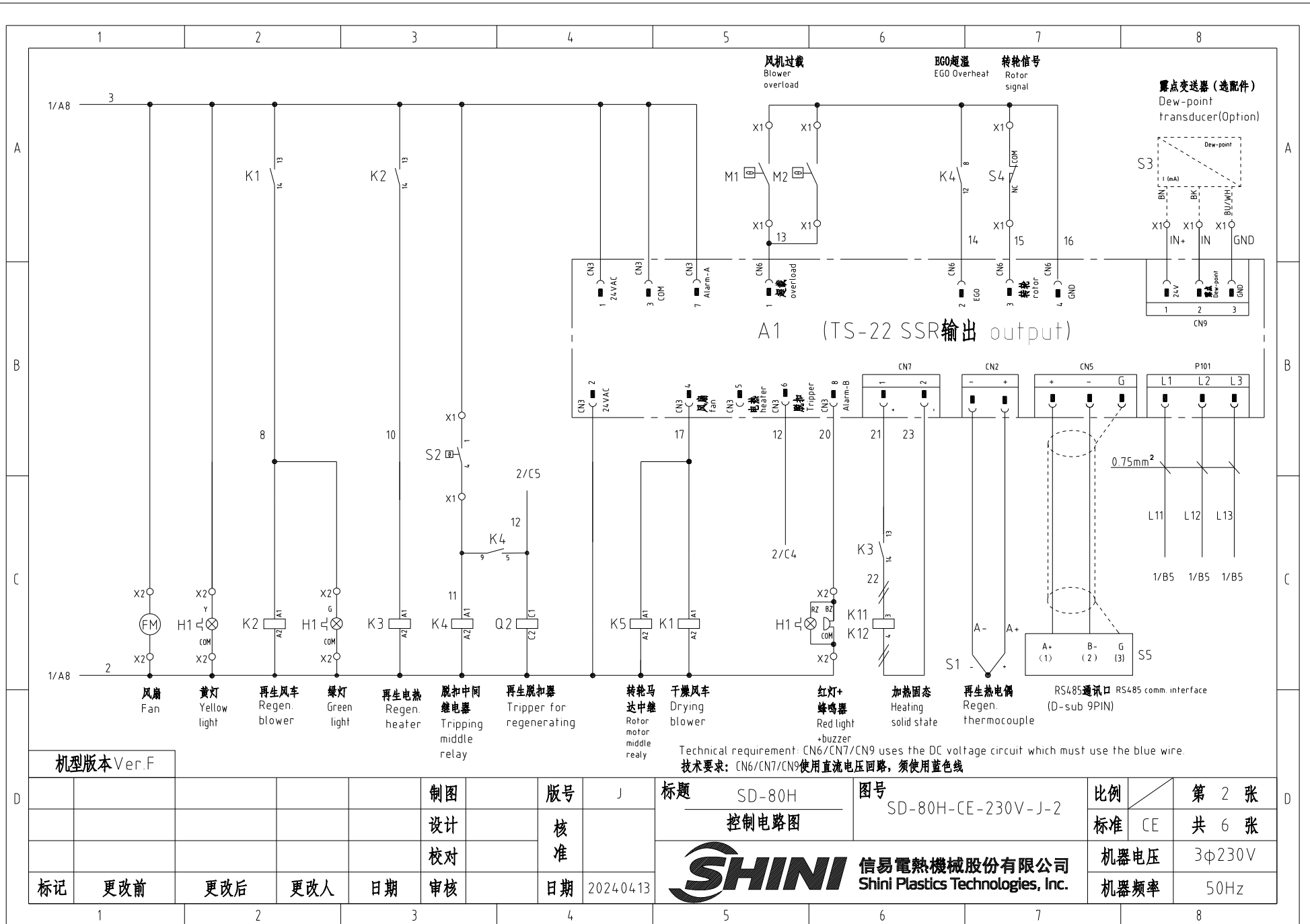
1		2		3		4		5		6		7		8		
序号/NO	符号/Symbol	名称/Name		制造商/Manufacturer		型号/Type		规格/Specification		单位/unit	数量/Number	物料编号/Material number		备注/Remark		
A	1	Q1	主电源开关 /Main power switch		EATON		T0-2-1/EA/SVB		20A		PCS	1	YE10021160000			
	2	Q2	断路器 /Circuit breakers		TECO		BM-63C		10A		PCS	1	YE40301003000			
	3		励磁脱扣器 /Excitation release		YIJIN		MX		24 VAC		PCS	1	YE40024000000			
	4	Q3 Q4	断路器 /Circuit breakers		TECO		BM-63C		6A		PCS	2	YE40300603000			
	5	Q5	断路器 /Circuit breakers		TECO		BM-63C		3A		PCS	1	YE40200203000			
	6	Q6	断路器 /Circuit breakers		TECO		BM-63C		3A		PCS	1	YE40100203000			
	7	K1 K2 K3	接触器 /Contactors		SIEMENS		3RT6015-1AB01-24 VAC		24 VAC 50/60Hz		PCS	3	YE00601502500			
B	8	K4 K5	中间继电器/Middle Relay		Honeywell		GR-2C配座 base PGR-2C-E		24 V AC		PCS	2	YE03022400300			
	9	K11 K12	固态继电器/Solid state relay		FOTEK		KSR-40DA-H		40A/480VAC/4-32VDC		PCS	2	YE03404003200			
	10	T	变压器 /Transformer		JIUXIN		IN=230V/200V OUT=24VAC		180VA		PCS	1	YE70023005400			
	11	A1	微电脑板 /PCB		YUYUN		TS-22(组合件 Assembly) SSR输出 output		24 V 50/60Hz		PCS	1	YE80222408200			
	12	S3	露点变送器 /Dew-point transducer		VAISALA		DMT14.1		POWER-24 VDC 4-20mA		PCS	1	YE90014100100		(1) (2)	
	13	S5	通讯接口板 RS-485 (双屏蔽双绞线) Communication interface board RS-485 (double shield-twisted pair)		YUYUN		----		PCS		PCS	1	YE90048501200			
	14		外壳RS-485 (SAL-700G-A-19)0版 Shell RS485 (SAL-700G-A-19)0		BINCHENG		----		PCS		PCS	1	YR40048500000			
15	H1	三色报警灯/Three color alarm light		SHINI		红黄蓝优先顺序,蜂鸣器 Red+yel. + blue + buzzer		PCS		PCS	1	BL90002401520		(1)		
C	16	X1 X2	端子排 /Terminal board		Honeywell		SK4		4mm ²		PCS	16	YE60000403200			
	17		端子排 /Terminal board		Honeywell		GK5PE		4mm ² PE		PCS	4	YE60000403500			
	18		端子排 /Terminal board		Honeywell		SK2.5		2.5mm ²		PCS	15	YE60002503200			
	19		端子排 /Terminal board		Honeywell		GK2.5PE		2.5mm ² PE		PCS	1	YE60002503400			
	20		终端固定件E/GK系列 Terminal fittings E/GK series		Honeywell		E		GK		PCS	6	YE60000003900			
	--	S1	热电偶 /Thermocouple		SHINI		-----		K			1	-----		(1)	
	--	S2	温度保护器 /Overheat protector		EGO		ZA300		250V 300°C			1	-----		(1)	
--	S4	微动开关 /Micro switch		TEND		LXW5-11G1		250V 5(4)A			1	-----		(1)		
--	FM	风扇 /Fan		-----		-----		24V 50/60Hz			1	-----		(1)		
--	M1	风机 /Blower		SHINI		-----		0.2kW 230V			1	-----		(1)		
机型版本 Ver.G		注: (1) 表示非电控箱安装 (2) 表示选配露点变送器 Notes: (1)Means it 's not the material inside the control box (2) Optional dew point transducer.														
D					制图		版本号 L		标题 SD-40H		图号 SD-40H-CE-230V-L-5		比例		第 5 张	
					设计		核准		电气元件明细表一				标准 CE		共 6 张	
					校对				 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		20240323		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						
--	M2	风机/Blower		SHINI		-----		0.12kW 230V		1	-----		(1)						
--	M3	转轮马达/Rotor motor		----		-----		6W 230V 50/60Hz		1	-----		(1)						
--	EH	电热/Heater		SHINI		-----		3kW 230V		1	-----		(1)						
<p>Notes: (1)Means it 's not the material inside the control box.(2) Optional dew point transducer.</p> <p>注：（1）表示非电控箱安装 （2）表示选配露点变送器</p>																			
机型版本 Ver.G																			
				制图		版号		L		标题		图号		比例		第 6 张			
				设计		核				SD-40H		SD-40H-CE-230V-L-6		标准		CE			
				校对		准				电气元件明细表二						共 6 张			
标记		更改前		更改后		更改人		日期		审核		日期		2024.03.23		 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		机器电压 3φ230V 机器频率 50Hz	
1		2		3		4		5		6		7		8					



机型版本 Ver.F

					制图	版号	J	标题	SD-80H 主电路图	图号	SD-80H-CE-230V-J-1	比例	第 1 张
					设计	核准		信易电热机械股份有限公司 Shini Plastics Technologies, Inc.	标准	CE		共 6 张	
					校对	日期	2024.04.13		机器电压	3φ230V	机器频率	50Hz	
标记	更改前	更改后	更改人	日期	审核	日期							



机型版本 Ver.F

制图	版号	J	标题	SD-80H	图号	SD-80H-CE-230V-J-2	比例	第 2 张	
设计	核准		控制电路图				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	审核	日期	2024.04.13	机器频率	50Hz

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

比例	第 2 张
标准	共 6 张
机器电压	3φ230V
机器频率	50Hz

A

A

B

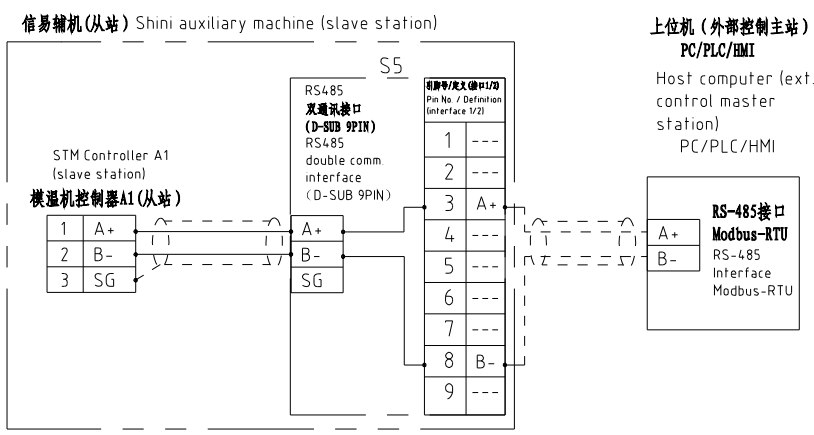
B

C

C

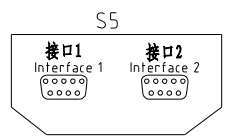
信易辅机RS-485通讯接线示意图

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;

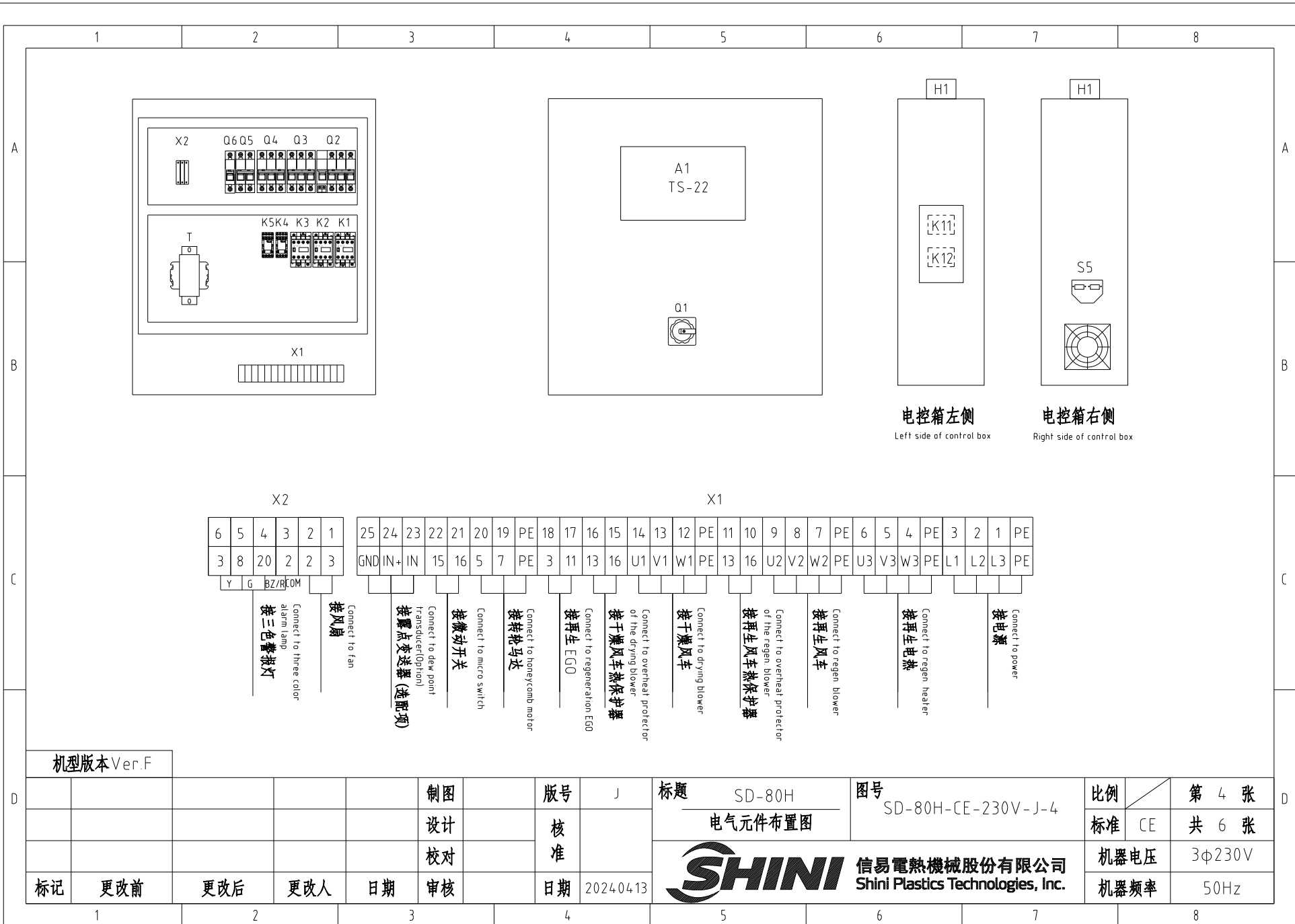
Note:
 1 Comm interface RS-485 (two wire)
 2 Comm. protocol: Modbus-RTU
 3 The machine is equipped with D-sub9 female connector; interface 1 and interface 2 are connected in parallel and have the same function, which is regardless of primary and secondary.

机型版本 Ver.F

						制图	版本号 J		标题	图号		比例	第 3 张		
						设计	核 准		SD-80H 通讯接线图		SD-80H-CE-230V-J-3		标准	共 6 张	
						校对			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	2024.04.13	机器频率			50Hz				

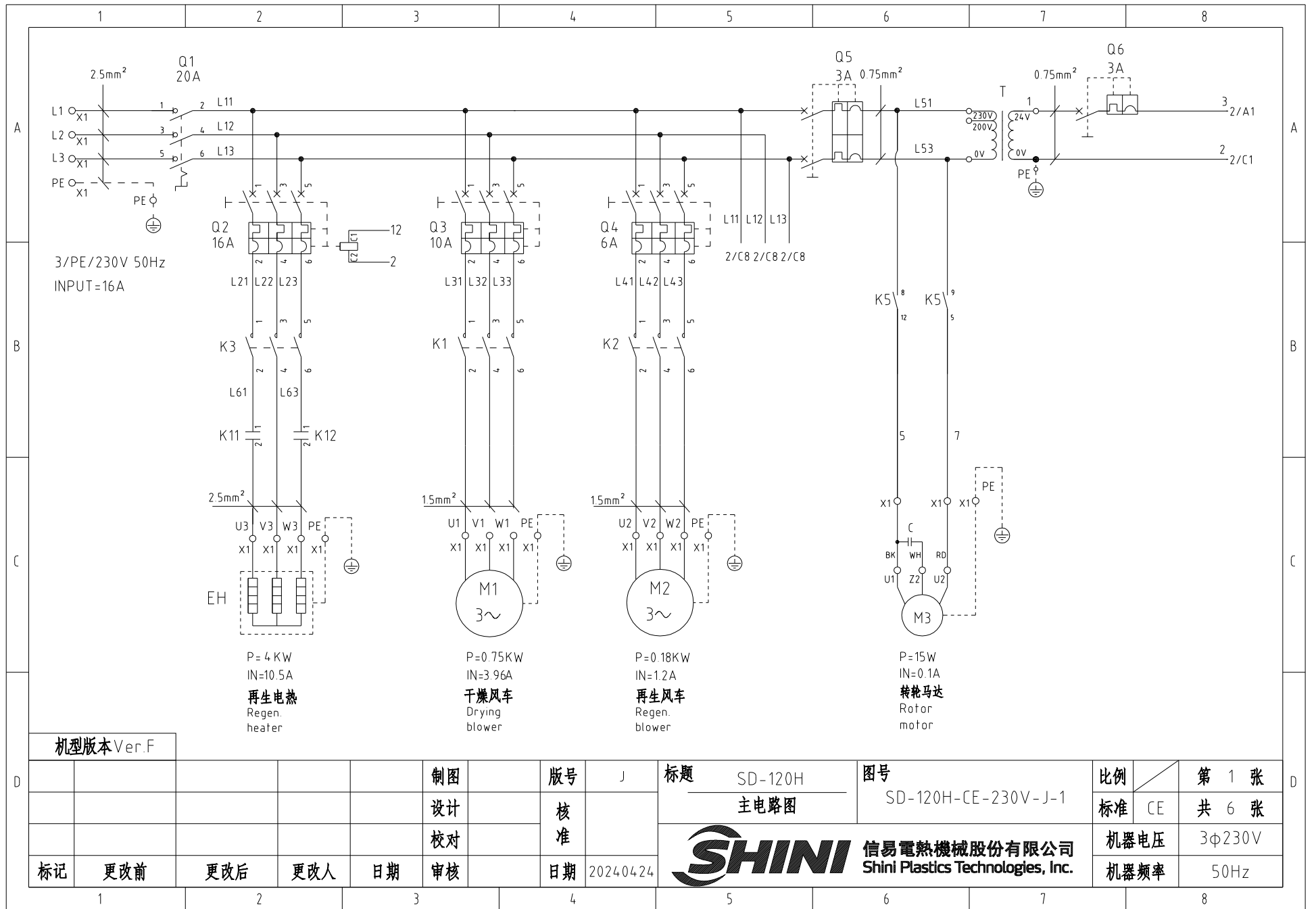
D

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	
A	1	Q1	主电源开关 /Main power switch		EATON		T0-2-1/EA/SVB		20A		PCS	1	YE10021160000		
	2	Q2	断路器 /Circuit breakers		TECO		BM-63C		16A		PCS	1	YE40301603000		
	3		励磁脱扣器 /Excitation release		YIJIN		MX		24VAC		PCS	1	YE40024000000		
	4	Q3	断路器 /Circuit breakers		TECO		BM-63C		10A		PCS	1	YE40301003000		
	5	Q4	断路器 /Circuit breakers		TECO		BM-63C		6A		PCS	1	YE40300603000		
	6	Q5	断路器 /Circuit breakers		TECO		BM-63C		3A		PCS	1	YE40200203000		
	7	Q6	断路器 /Circuit breakers		TECO		BM-63C		3A		PCS	1	YE40100203000		
B	8	K1 K2 K3	接触器 /Contactors		SIEMENS		3RT6015-1AB01-24VAC		24VAC 50/60Hz		PCS	3	YE00601502500		
	9	K11 K12	固态继电器/Solid state relay		FOTEK		KSR-40DA-H		40A/480VAC/4-32VDC		PCS	2	YE03404003200		
	10	K4 K5	中间继电器/Middle Relay		Honeywell		GR-2C(底座 base PGR-2C-E		24V AC		PCS	2	YE03022400300		
	11	T	变压器 /Transformer		JIUXIN		IN=230V/200V OUT=24VAC		180VA		PCS	1	YE70023005400		
	12	A1	微电脑板 /PCB		YUYUN		TS-22(组合件 Assembly) SSR输出 output		24V 50/60Hz		PCS	1	YE80222408200		
	13	S3	露点变送器 /Dew-point transducer		VAISALA		DMT14.1		POWER-24VDC 4-20mA		PCS	1	YE90014100100		(1) (2)
	14	S5	通信接口板(双RS-485) (Communication interface board RS-485 (dual RS-485 connector))		YUYUN		----		PCS		PCS	1	YE90048501200		
15		外壳RS-485(SAL-700G-A-19)0版 Shell RS485(SAL-700G-A-19)0		BINCHENG		----		PCS		PCS	1	YR40048500000			
C	16	H1	三色报警灯/Three color alarm light		SHINI		红黄蓝优先顺序,蜂鸣器 Red+yel. + blue + buzzer		PCS		PCS	1	BL90002401520		(1)
	17		端子排 /Terminal board		Honeywell		SK2.5		2.5mm ²		PCS	31	YE60002503200		
	18		端子排 /Terminal board		Honeywell		GK2.5PE		2.5mm ² PE		PCS	5	YE60002503400		
	19		终端固定件E/GK系列 Terminal fittings E/GK series (honeywell)		Honeywell		E		GK		PCS	6	YE60000003900		
		S1	热电偶 /Thermocouple		SHINI		-----		K			1	----		(1)
		S2	温度保护器 /Overheat protector		EGO		ZA300		250V 300°C			1	----		(1)
		S4	微动开关/Micro switch		TEND		LXW5-11G1		250V 5(4)A			1	----		(1)
D	FM	风扇/Fan		SUNON		-----		24V 50/60Hz			1	----		(1)	
	M1	风机/Blower		SHINI		----		0.75kW 230V			1	----		(1)	
	M2	风机/Blower		SHINI		----		0.12kW 230V			1	----		(1)	
机型版本 Ver.F		注: (1) 表示非电控箱安装 (2) 表示选配露点变送器 Notes: (1)Means it 's not the material inside the control box. (2) Optional dew point transducer.													
D					制图		版号	J	标题	SD-80H	图号	SD-80H-CE-230V-J-5	比例		第 5 张
					设计		核		电气元件明细表一				标准	CE	共 6 张
					校对		准			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	2024.04.13		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		
--	M3	转轮马达/Rotor motor		----		----		15W 230V 50/60Hz		1	----		(1)		
--	EH	电热/Heater		SHINI		----		3kW 230V		1	----		(1)		
Notes: (1)Means it 's not the material inside the control box. (2) Optional dew point transducer. 注：(1)表示非电控箱安装 (2)表示选配露点变送器															
机型版本 Ver.F						制图		版号 J		标题 SD-80H		图号 SD-80H-CE-230V-J-6		比例	
						设计		核准		电气元件明细表二		标准 CE		第 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 2024.04.13		SHINI 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.	
1		2		3		4		5		6		7		8	



P= 4 KW
IN=10.5A
再生电热
Regen.
heater

P=0.75KW
IN=3.96A
干燥风车
Drying
blower

P=0.18KW
IN=1.2A
再生风车
Regen.
blower

P=15W
IN=0.1A
转轮马达
Rotor
motor

机型版本 Ver.F

					制图	版号	J	标题	SD-120H	图号	SD-120H-CE-230V-J-1	比例	第 1 张
					设计	核		主电路图		标准	CE	共 6 张	
					校对	准		 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	2024.04.24		机器频率	50Hz			

1

2

3

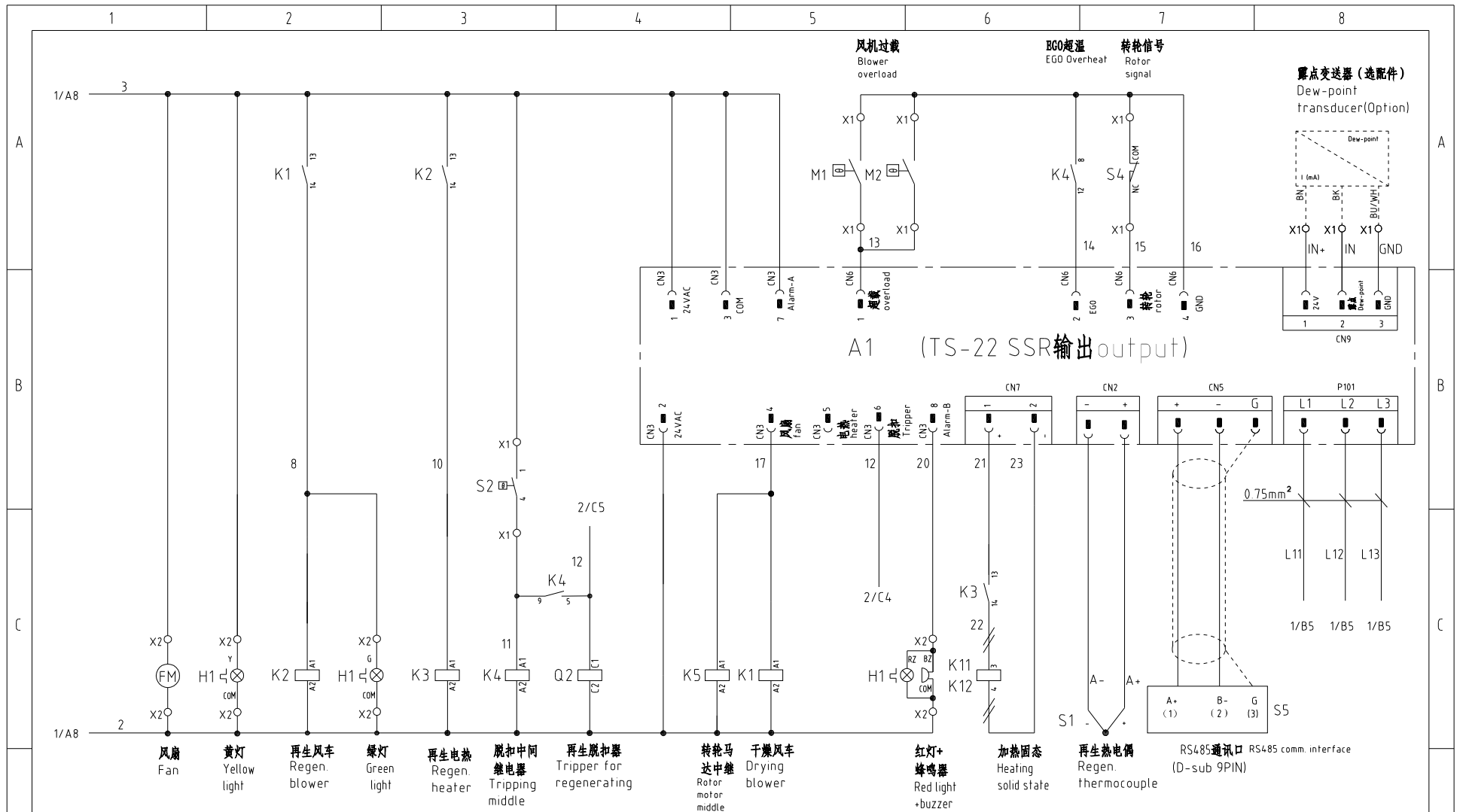
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5


6

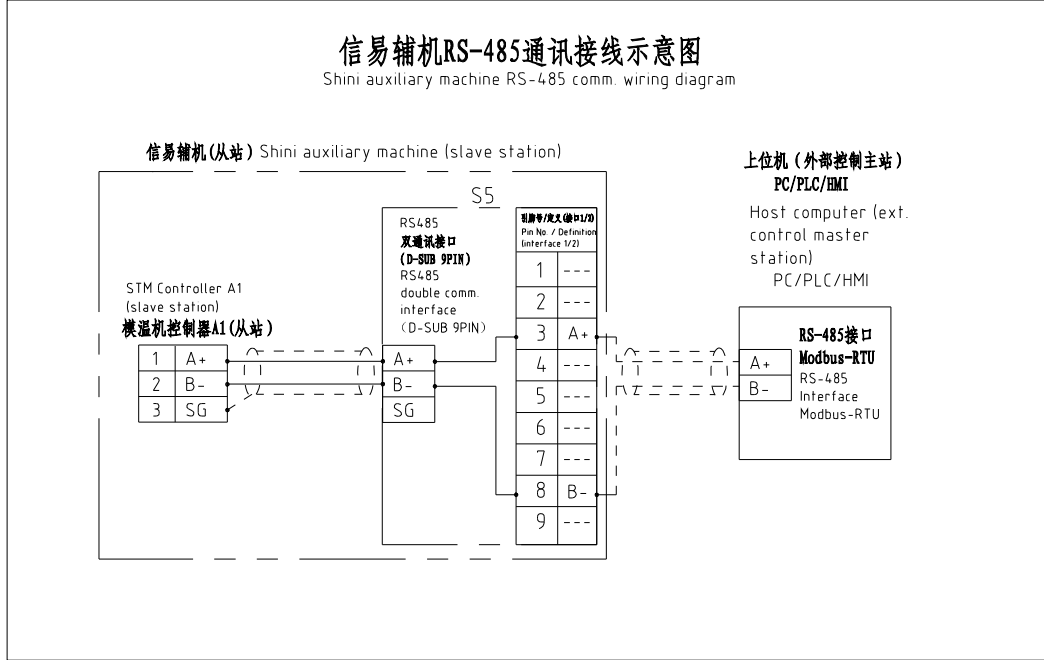
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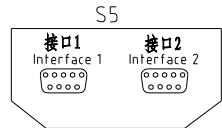


Technical requirement: CN6/CN7/CN9 uses the DC voltage circuit which must use the blue wire.
 技术要求: CN6/CN7/CN9使用直流电压回路, 须使用蓝色线

机型版本 Ver.F					制图	版号	J	标题	SD-120H	图号	SD-120H-CE-230V-J-2	比例	第 2 张
					设计	核准		控制电路图				标准	CE
					校对	核准		 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	2024.04.24					机器频率	50Hz



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;

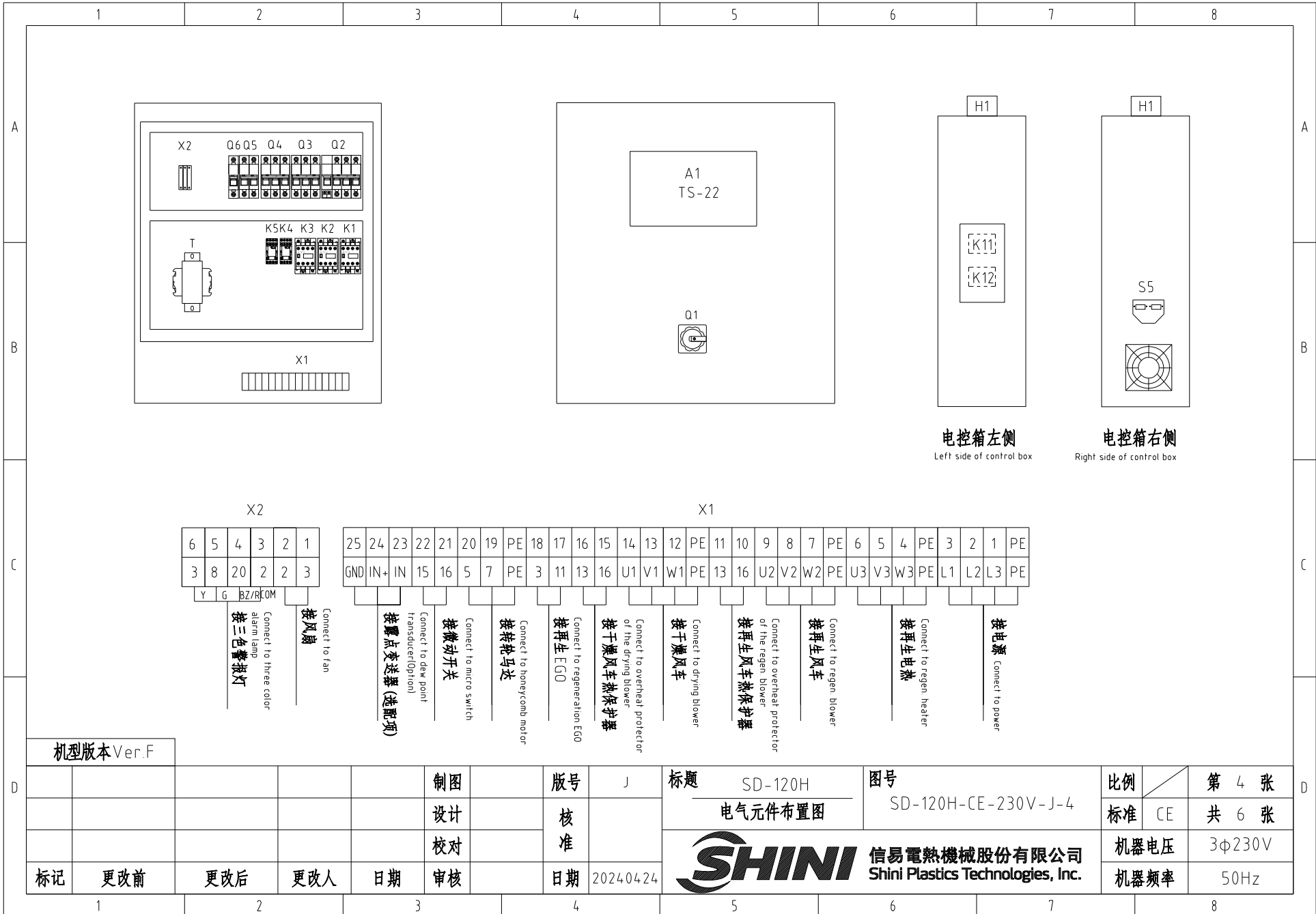
Note:

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	版号	J	标题	SD-120H	图号	SD-120H-CE-230V-J-3	比例	第 3 张	
设计	核		通讯接线图				标准	CE	
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	20240424	机器频率	50Hz





电控箱左侧

Left side of control box

电控箱右侧

Right side of control box

机型版本 Ver.F

标记	更改前	更改后	更改人	日期	审核	制图	版号	J	标题	SD-120H	图号	SD-120H-CE-230V-J-4	比例	第 4 张
							核准		电气元件布置图			标准	CE	共 6 张
									 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.	机器电压	3φ230V			
							日期	2024.04.24		机器频率	50Hz			

1

2

3

4

5

6

7

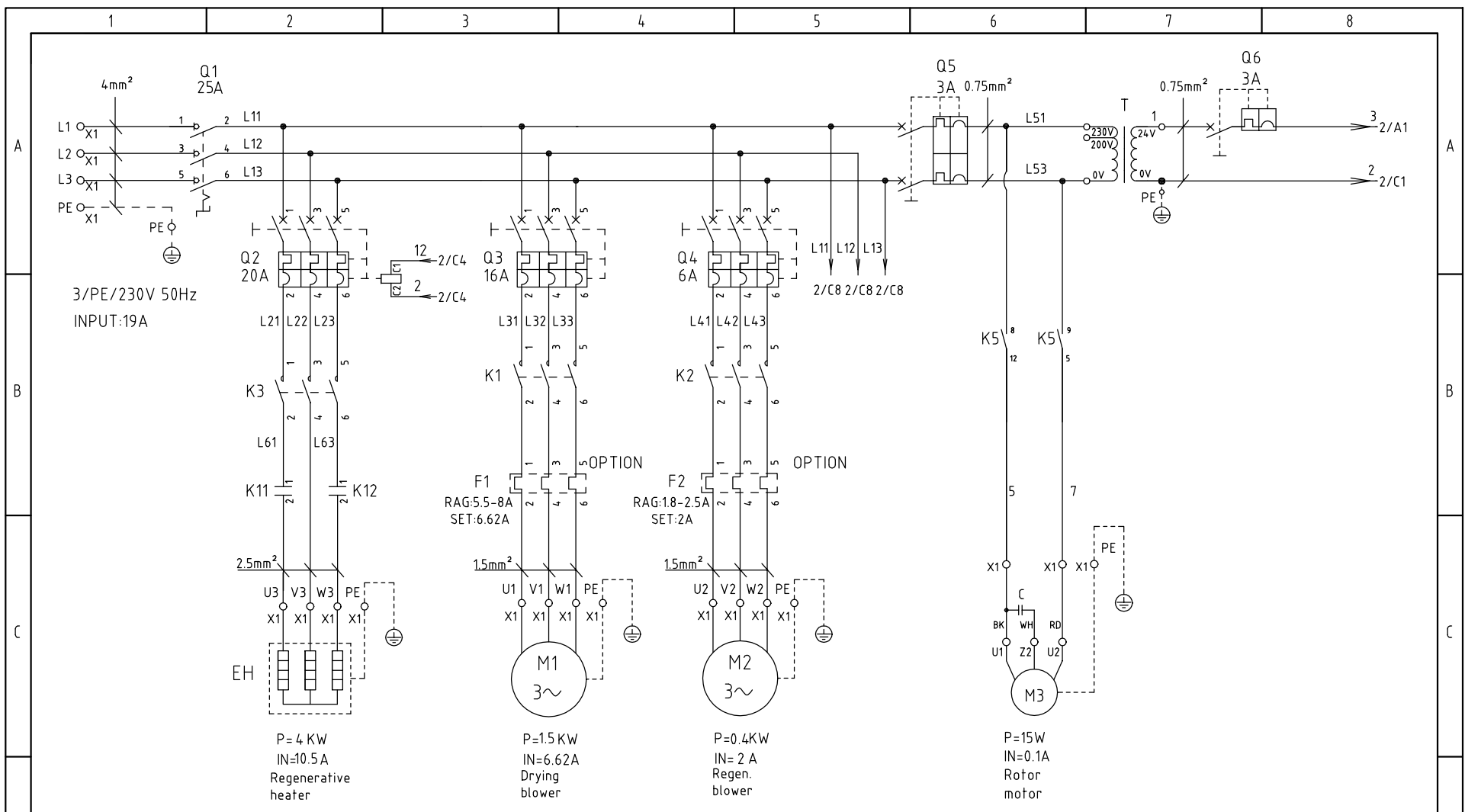
8

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					
A	1	Q1	主电源开关 /Main power switch		EATON		T0-2-1/EA/SVB		20A		PCS	1	YE10021160000						
	2	Q2	断路器 /Circuit breakers		TECO		BM-63C		16A		PCS	1	YE40301603000						
	3		励磁脱扣器 /Excitation release		YIJIN		MX		24 VAC		PCS	1	YE40024000000						
	4	Q3	断路器 /Circuit breakers		TECO		BM-63C		10A		PCS	1	YE40301003000						
	5	Q4	断路器 /Circuit breakers		TECO		BM-63C		6A		PCS	1	YE40300603000						
	6	Q5	断路器 /Circuit breakers		TECO		BM-63C		3A		PCS	1	YE40200203000						
	7	Q6	断路器 /Circuit breakers		TECO		BM-63C		3A		PCS	1	YE40100203000						
B	8	K1 K2 K3	接触器 /Contactors		SIEMENS		3RT6015-1AB01-24 VAC		24 VAC 50/60Hz		PCS	3	YE00601502500						
	9	K11 K12	固态继电器/Relay		FOTEK		KSR-40DA-H		40A/480VAC/4-32VDC		PCS	2	YE03404003200						
	10	K4 K5	中间继电器/Middle Relay		Honeywell		GR-2C(底座 base PGR-2C-E		24 V AC		PCS	2	YE03022400300						
	11	T	变压器 /Transformer		JIUXIN		IN=230V/200V OUT=24VAC		180VA		PCS	1	YE70023005400						
	12	A1	微电脑板 /PCB		YUYUN		TS-22(板零件 Assembly) SSR输出 output		24 V 50/60Hz		PCS	1	YE80222408200						
	13	S3	露点变送器 /Dew-point transducer		VAISALA		DMT141		POWER-24 VDC 4-20mA		PCS	1	YE90014100100		(1) (2)				
	14	S5	通信接口板 RS-485 (双端-3pin接口) communication interface board RS-485 (double 3pin connector)		YUYUN		----		PCS		PCS	1	YE90048501200						
C	15		外壳RS485(SAL-700G-A-19)0版 Shell RS485(SAL-700G-A-19)0		BINCHENG		----		PCS		PCS	1	YR40048500000						
	16	H1	三色报警灯(红黄绿三色)3-color alarm lamp (Red, green, yellow lights + housing)		SHINI		优先级 Priority		24 V 50/60Hz		PCS	1	BL90002401520		(1)				
	17	X1 X2	端子排 /Terminal board		Honeywell		SK4		4mm ²		PCS	16	YE60000403200						
	18		端子排 /Terminal board		Honeywell		GK5PE		4mm ² PE		PCS	4	YE60000403500						
	19		端子排 /Terminal board		Honeywell		SK2.5		2.5mm ²		PCS	13	YE60002503200						
	20		端子排 /Terminal board		Honeywell		GK2.5PE		2.5mm ² PE		PCS	1	YE60002503400						
	21		终端固定件E/GK系列 Terminal fittings E/GK series		Honeywell		E		GK		PCS	6	YE60000003900						
	--	S1	热电偶 /Thermocouple		SHINI		----		K			1	----		(1)				
	--	S2	温度保护器 /Overheat protector		EGO		ZA300		250V 300°C			1	----		(1)				
	--	S4	微动开关 /Micro switch		TEND		LXW5-11G1		250V 5(4)A			1	----		(1)				
	--	FM	风扇 /Fan		SUNON		-----		24 V 50/60Hz			1	----		(1)				
机型版本 Ver.F		注: (1) 表示非电控箱安装 (2) 表示选配露点变送器 Notes: (1)Means it 's not the material inside the control box. (2) Optional dew point transducer.																	
D					制图		版号		J		标题		图号		比例		第 5 张		
					设计		核				SD-120H		SD-120H-CE-230V-J-5		标准		CE		
					校对		准				SHINI		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		20240424		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
--	M1	风机/Blower	SHINI	----	0.75kW 230V	1	----	(1)
--	M2	风机/Blower	SHINI	----	0.12kW 230V	1	----	(1)
--	M3	转轮马达/Rotor motor	----	----	6W 230V 50/60Hz	1	----	(1)
--	EH	电热/Heater	SHINI	----	3kW 230V	1	----	(1)

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

机型版本 Ver.F		注: (1) 表示非电控箱安装 (2) 表示选配露点变送器											
				制图		版号	J	标题	SD-120H	图号	SD-120H-CE-230V-J-6	比例	第 6 张
				设计		核		电气元件明细表二		标准	CE	共 6 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	2024.04.24			机器频率	50Hz		
1	2	3	4	5	6	7	8						

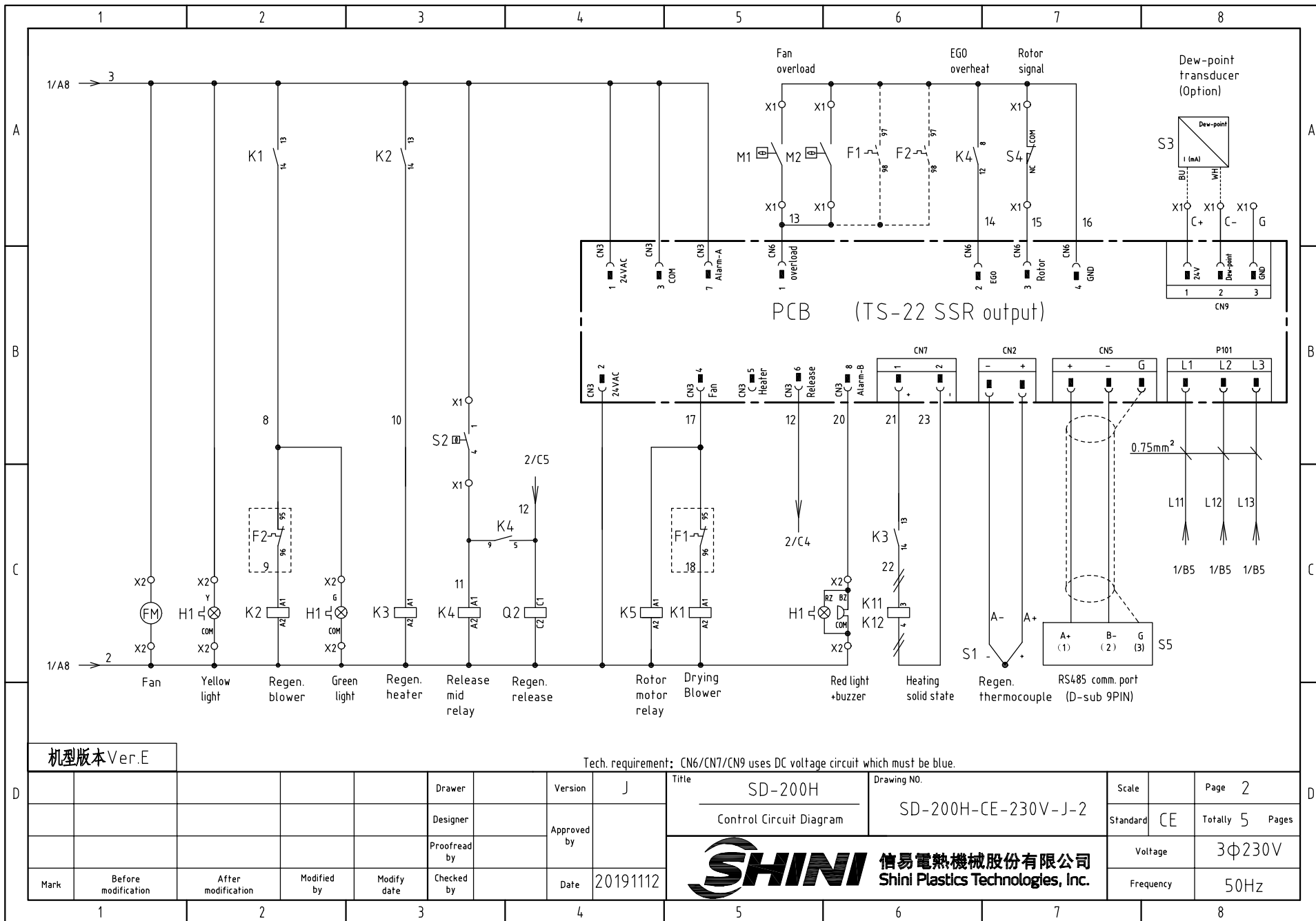


机型版本 Ver.E

Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date	20191112


Drawer	Version	J	Title	SD-200H	Drawing NO.	SD-200H-CE-230V-J-1
Designer	Approved by		Main Circuit Diagram			
Proofread by			信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.			

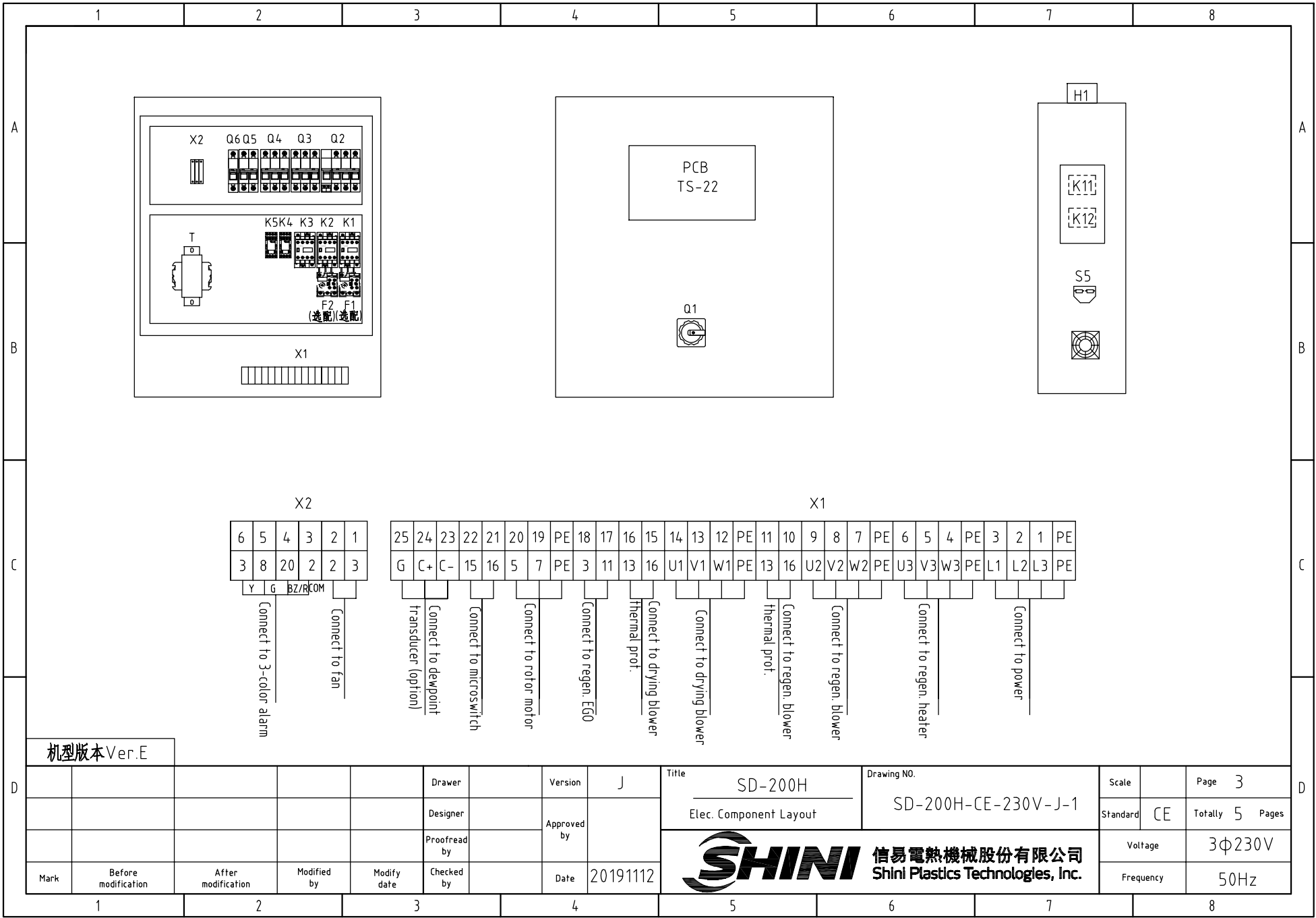
Scale	Page	1
Standard	CE	Totally 5 Pages
Voltage	3Φ230V	
Frequency	50Hz	



机型版本 Ver.E

Tech. requirement: CN6/CN7/CN9 uses DC voltage circuit which must be blue.

				Drawer	Version	J	Title	SD-200H	Drawing NO.	Scale	Page	2
				Designer	Approved by		Control Circuit Diagram	SD-200H-CE-230V-J-2	Standard	CE	Totally	5 Pages
				Proofread by	Date	20191112	 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		



X2

6	5	4	3	2	1
3	8	20	2	2	3
Y	G	BZ/RCOM			

Connect to 3-color alarm

Connect to fan

X1

25	24	23	22	21	20	19	PE	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-	15	16	5	7	PE	3	11	13	16	U1	V1	W1	PE	13	16	U2	V2	W2	PE	U3	V3	W3	PE	L1	L2	L3	PE

Connect to transducer (option)

Connect to dewpoint

Connect to microswitch

Connect to rotor motor

Connect to regen. EGO

Thermal prot.

Connect to drying blower

Connect to drying blower

Thermal prot.

Connect to regen. blower

Connect to regen. blower

Connect to regen. heater

Connect to power

机型版本 Ver.E

Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date	20191112
					Drawer	Version	J
					Designer	Approved by	
					Proofread by		

Title		SD-200H		Drawing NO.		SD-200H-CE-230V-J-1		Scale	Page	3
		Elec. Component Layout						Standard	CE	Totally 5 Pages
								Voltage	3φ230V	
								Frequency	50Hz	



1 2 3 4 5 6 7 8

A

B

C

D

A

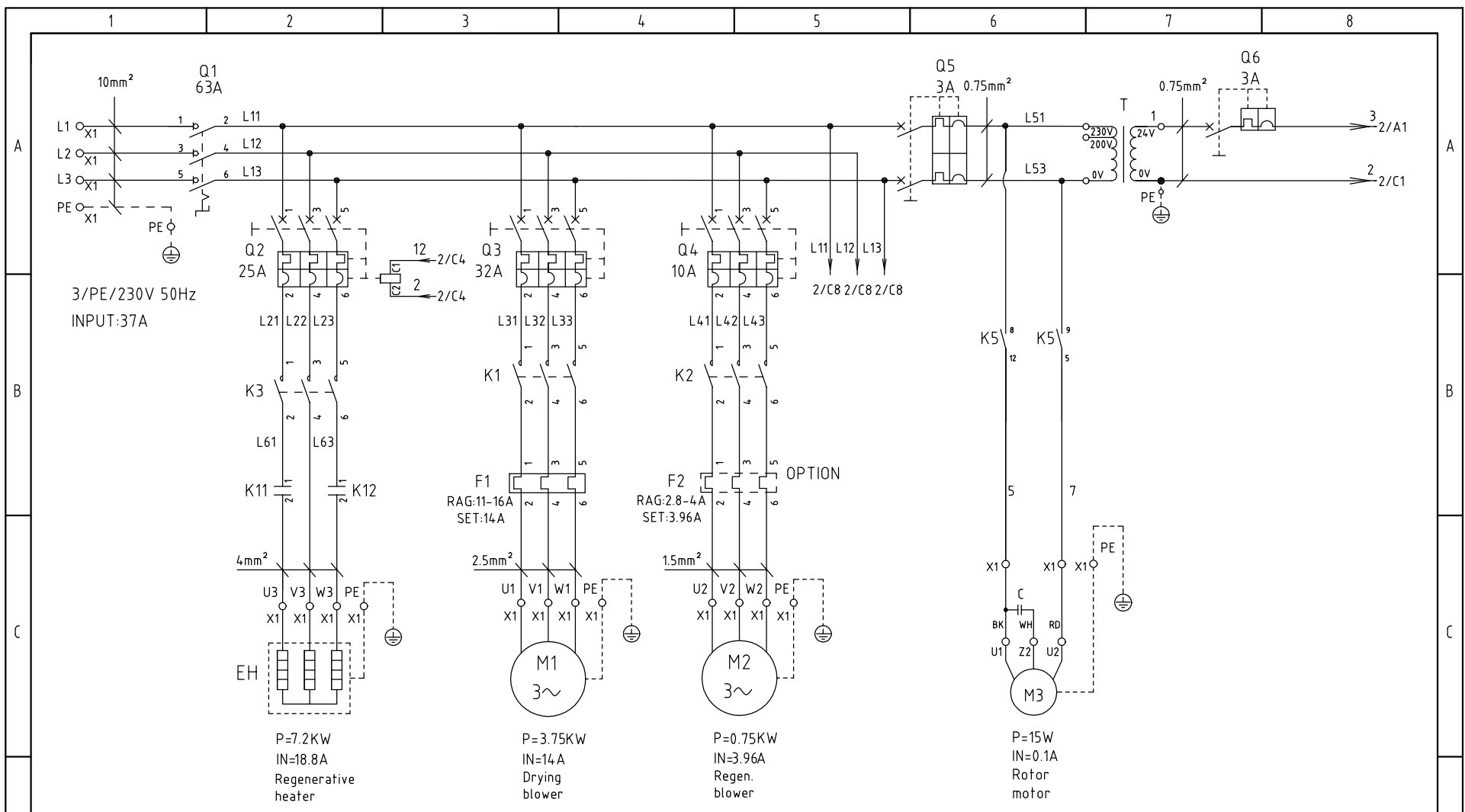
B

C


D

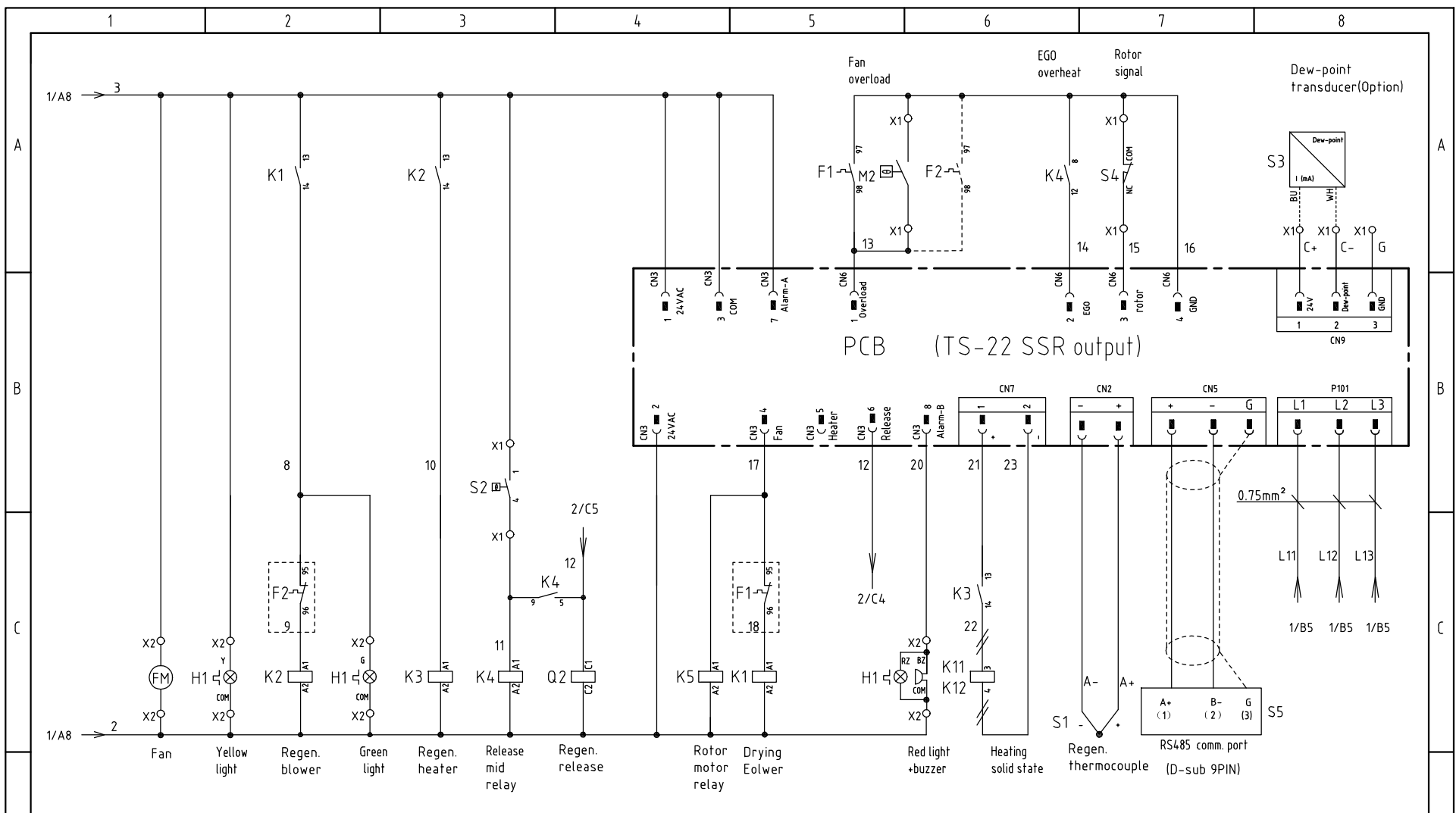
1 2 3 4 5 6 7 8

1		2		3		4		5		6		7		8		
NO.	Symbol	Name		Manufacturer		Type		Specification		Number	Material number		Remark			
A	1	Q1	Main switch		EATON		P1-25/EA/SVB		25A		1	YE10125250000				
	2	Q2	Circuit breaker		TECO		BM-63C		20A		1	YE40302003000				
	3		Excitation release		YIJIN		MX		24VAC		1	YE40024000000		A		
	4	Q3	Circuit breaker		TECO		BM-63C		16A		1	YE40301603000				
	5	Q4	Circuit breaker		TECO		BM-63C		6A		1	YE40300603000				
	6	Q5	Circuit breaker		TECO		BM-63C		3A		1	YE40200203000				
	7	Q6	Circuit breaker		TECO		BM-63C		3A		1	YE40100203000				
B	8	K1	Contactor		SIEMENS		3RT6016-1AB01-24VAC		24VAC 50/60Hz		1	YE00601602500				
	9	K11 K12	Solid state relay		FOTEK		KSR-40DA-H		40A/480VAC/4-32VDC		2	YE03404003200				
	10	K2 K3	Contactors		SIEMENS		3RT6015-1AB01-24VAC		7A 24VAC 50/60Hz		2	YE00601502500				
	11	K4 K5	Middle relay		Honeywell		GR-2C base PGR-2C-E		24V AC		2	YE03022400300		B		
	12	F1	Thermal overload relay		SIEMENS		3RU6116-1HB0		5.5-8A		1	YE01160550000		(3)		
	13	F2	Thermal overload relay		SIEMENS		3RU6116-1DB0		2.2-3.2A		1	YE01160220000		(3)		
	14	T	Transformer		JIUXIN		IN=230V/200V OUT=24VAC		180VA		1	YE70023005400				
	15	PCB	Microcomputer PCB		YUYUN		TS-22(assembly) SSR output		24V 50/60Hz		1	YE80222408200				
C	16	S1	Thermocouple		SHINI		----		K		1	----		(1)		
	17	S2	Overheat protector		EGO		ZA300		250V 300°C		1	----		(1)		
	18	S3	Dew-point transducer		SUTO		217-0EM		POWER-24VDC 4-20mA		1	YE90021700100		(1) (2)		
	19	S4	Limit switch		TEND		LXW5-11G1		250V 5(4)A		1	----		(1)		
	20	S5	Comm. interface plate RS-485 (Dsub-9pin connector)		YUYUN		----		PCS		1	YE90048501200				
	21		Shell RS-485(SAL-700G-A-19)ver.0		BINCHENG		----		PCS		1	YR40048500000				
	22	H1	Three-color alarm/Alarm		SHINI		Red.yel.blue+buzzer		PCS		1	BL90002401520		(1)		
	23	FM	Fan		SUNON		----		24V 50/60Hz		1	----		(1)		
D	24	X1	Terminal board		Honeywell		SK4		4mm ²		16	YE60000403200				
	25		Terminal board		Honeywell		GK5PE		4mm ² PE		4	YE60000403500				
机型版本 Ver.E		Notes: (1) Items not in the control box; (2) Optional dew-point transducer;(3)Drying blower and regen. blower thermal relay;														
Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date	20191112	Drawer	Version	J	Title	SD-200H	Drawing NO.	Scale	Page	4
					Designer	Approved by					Elec. Parts List 1	SD-200H-CE-230V-J-4	Standard	CE	Totally	5 Pages
					Proofread by						 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Voltage	3Φ230V		
												Frequency	50Hz			
1		2		3		4		5		6		7		8		




机型版本 Ver.D

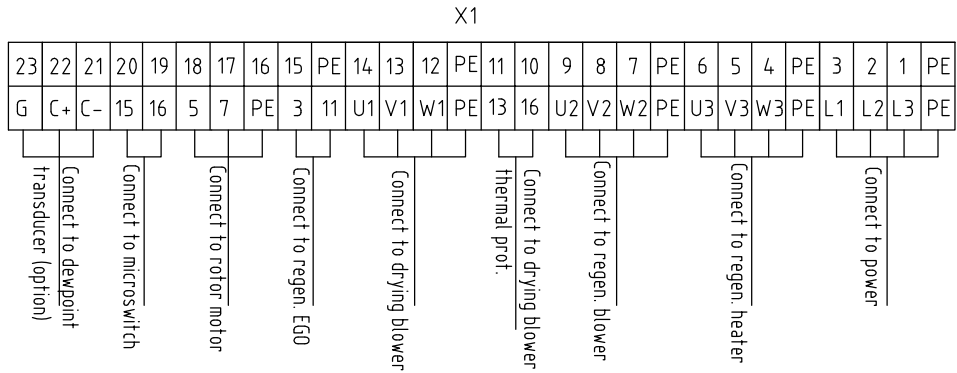
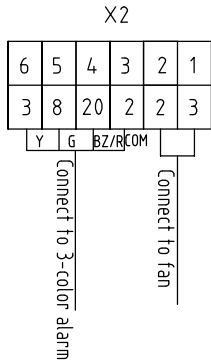
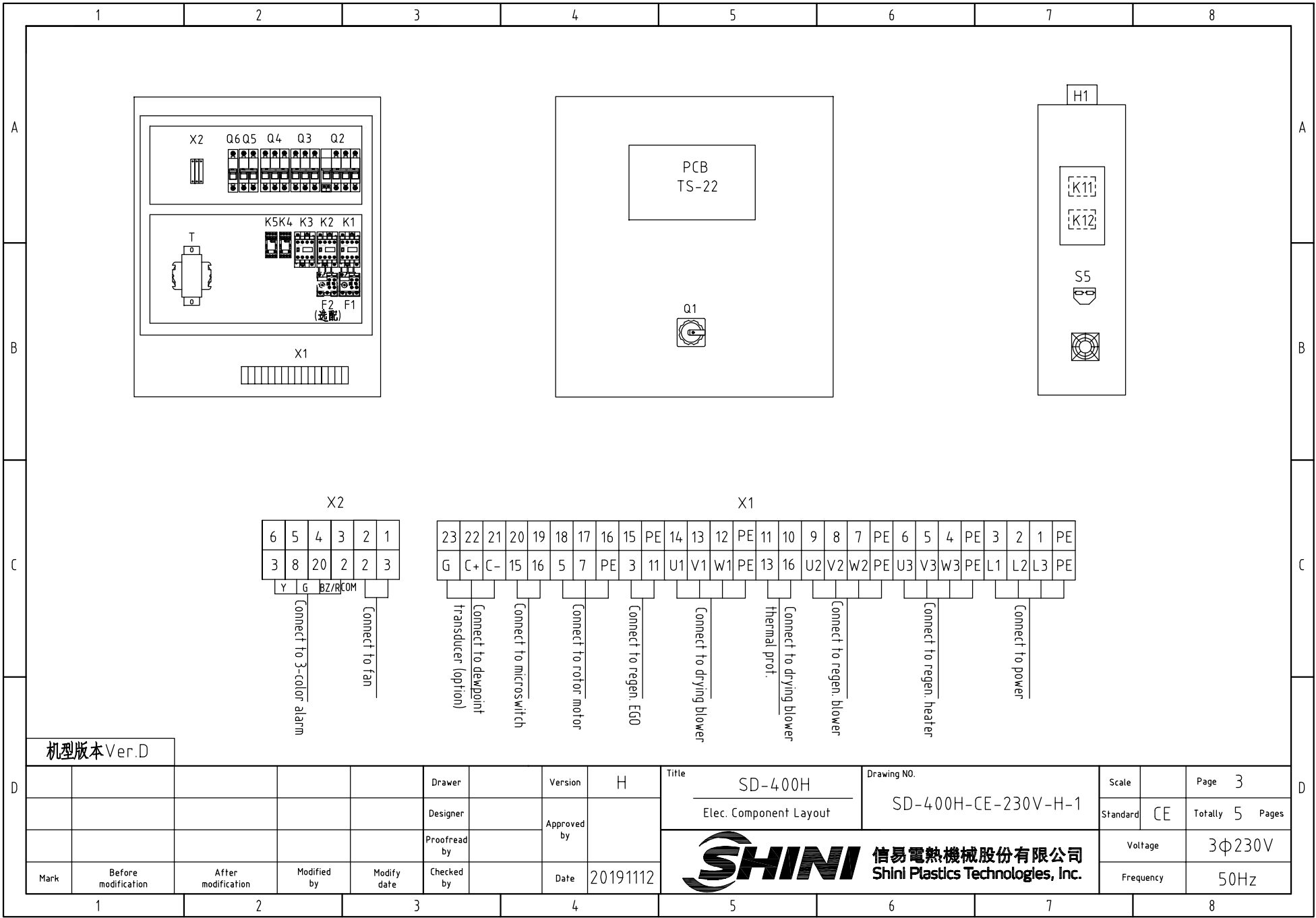
D				Drawer	Version	H	Title	SD-400H	Drawing NO.	SD-400H-CE-230V-H-1	Scale	Page 1
				Designer	Approved by		Main Circuit Diagram		Standard	CE	Totally 5 Pages	
				Proofread by	Date	20191112	 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Voltage	3Φ230V		
	Mark	Before modification	After modification	Modified by	Modify date	Checked by			Frequency	50Hz		
	1	2	3	4	5	6	7	8				



机型版本 Ver.D

Tech. requirement: CN6/CN7/CN9 uses DC voltage circuit which must be blue.

D						Drawer	Version	H	Title	SD-400H	Drawing NO.	Scale	Page	2	D	
						Designer	Approved by	Control Circuit Diagram		SD-400H-CE-230V-H-2	Standard	CE	Totally	5		Pages
						Proofread by		Date	 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	20191112	Frequency			50Hz					
	1	2	3	4	5	6	7	8								




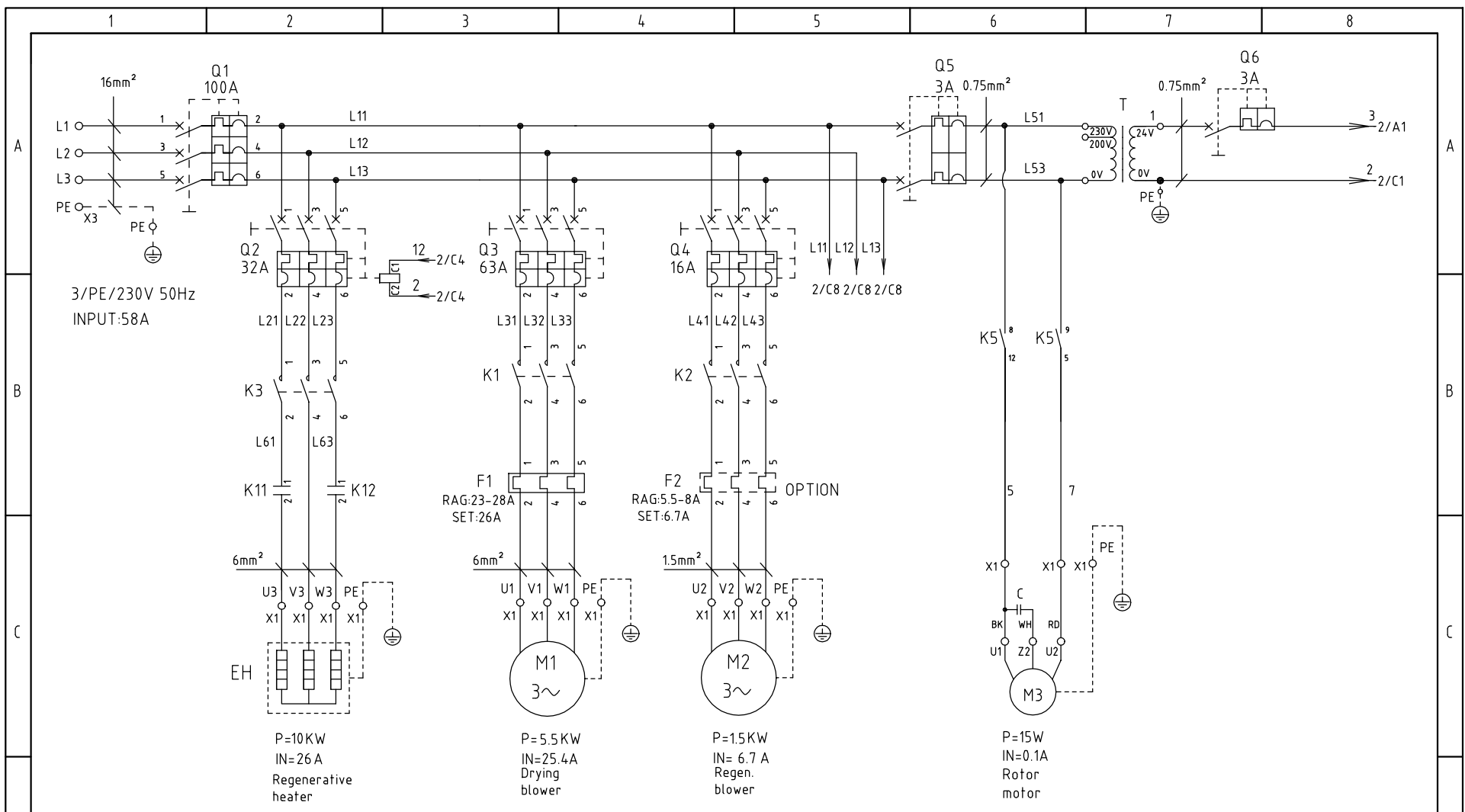
机型版本 Ver.D

Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date	20191112	信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.	Drawing NO. SD-400H-CE-230V-H-1	Scale	Page 3	
					Designer	Approved by				Standard	CE	Totally 5 Pages
					Proofread 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	Main switch		EATON		P3-63/EA/SVB 63A		63A		1	YE10636300000									
2	Q2	Circuit breakers		TECO		BM-63C		25A		1	YE40302503000									
3		Excitation release		YIJIN		MX		24VAC		1	YE40024000000									
4	Q3	Circuit breaker		TECO		BM-63C		32A		1	YE40303203000									
5	Q4	Circuit breaker		TECO		BM-63C		10A		1	YE40301003000									
6	Q5	Circuit breaker		TECO		BM-63C		3A		1	YE40200203000									
7	Q6	Circuit breaker		TECO		BM-63C		3A		1	YE40100203000									
8	K1	Contactor		SIEMENS		3RT6018-1AB01-24VAC		24VAC 50/60Hz		1	YE00601802500									
9	K2	Contactor		SIEMENS		3RT6016-1AB01-24VAC		24VAC 50/60Hz		1	YE00601602500									
10	K3	Contactor		SIEMENS		3RT6023-1AC20-24VAC		24VAC 50/60Hz		1	YE00602301100									
11	K4 K5	Middle relay		Honeywell		GR-2C base PGR-2C-E		24V AC		2	YE03022400300									
12	K11 K12	Solid state relay		FOTEK		KSR-40DA-H		40A/480VAC/4-32VDC		2	YE03404003200									
13	F1	Thermal overload relay		SIEMENS		3RU6116-4AB0		11-16A		1	YE01611640000									
14	F2	Thermal overload relay		SIEMENS		3RU6116-1EB0		2.8-4 A		1	YE01160280000		(3)							
15	T	Transformer		JIUXIN		IN=230V/200V OUT=24VAC		180VA		1	YE70023005400									
16	PCB	Microcomputer PCB		YUYUN		TS-22(assembly) SSR output		24V 50/60Hz		1	YE80222408200									
17	S1	Thermocouple		SHINI		----		K		1	----		(1)							
18	S2	Overheat protector		EGO		ZA300		250V 300°C		1	----		(1)							
19	S3	Dew-point transducer		SUTO		217-0EM		POWER-24VDC 4-20mA		1	YE90021700100		(1) (2)							
20	S4	Micro switch/Limit switch		TEND		LXW5-11G1		250V 5(4)A		1	----		(1)							
21	S5	Comm. interface plate RS-485 (Dsub-9pin connector)		YUYUN		----		PCS		1	YE90048501200									
22		Shell RS-485(SAL-700G-A-19)ver.0		BINCHENG		----		PCS		1	YR40048500000									
23	FM	Fan		SUNON		DP200A		24V 50/60Hz		1	----		(1)							
24	X1	Terminal board		Honeywell		SK10		10mm ²		3	YE60001003200									
25		Terminal board		Honeywell		GK10 PE		10mm ² PE		1	YE60001003500									
机型版本 Ver.D		Notes: (1) Items not in the control box; (2) Optional dew-point transducer; (3) Drying blower and regen. blower thermal relay;																		
D					Drawer		Version		H		Title		SD-400H		Drawing NO.		Scale		Page 4	
					Designer		Approved by				Elec. Parts List 1		SD-400H-CE-230V-H-4		Standard		CE		Totally 5 Pages	
					Proofread by		Date		20191112		 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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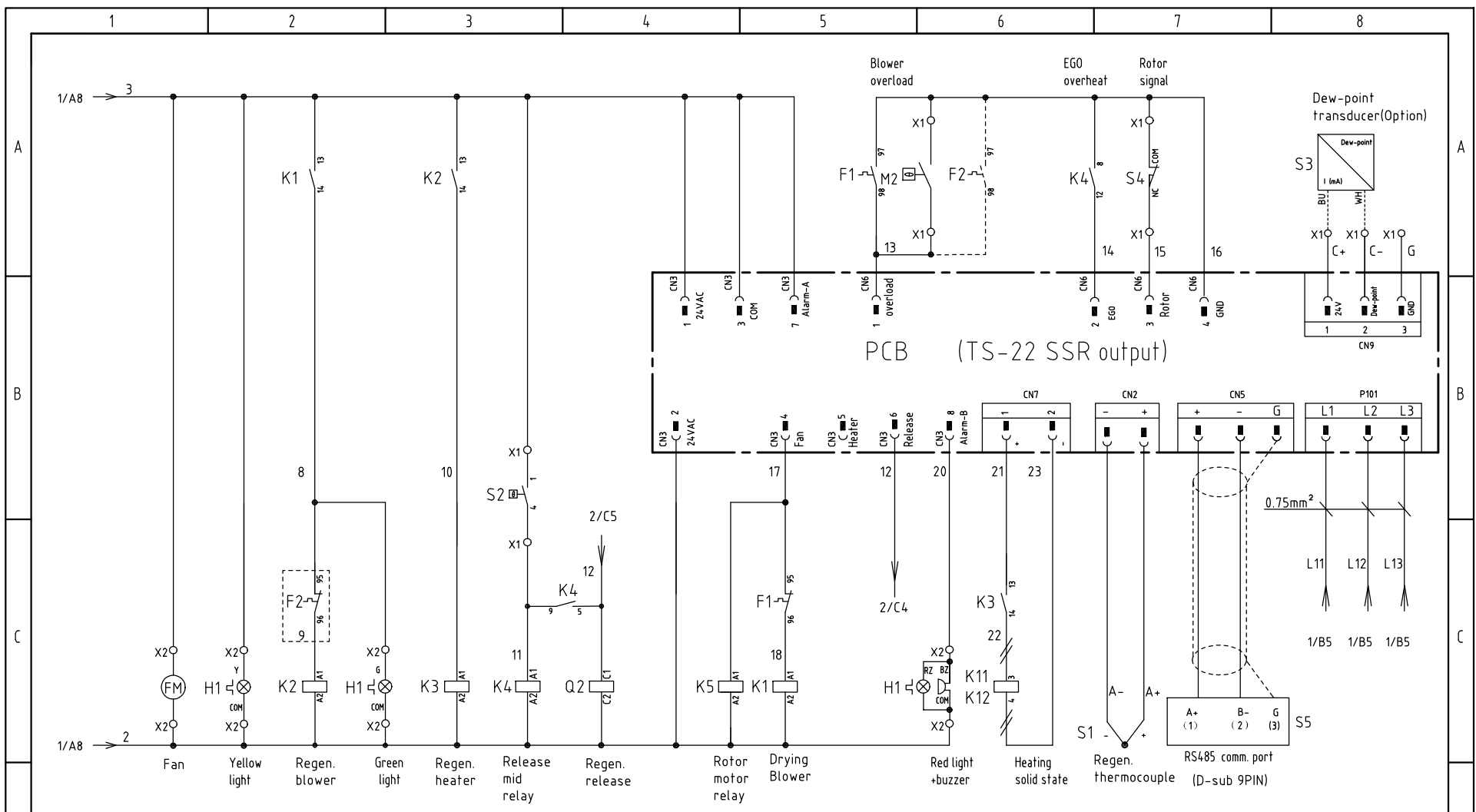
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	N0.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark	
A	26		Terminal board	Honeywell	SK4	4.0mm ²	11	YE60000403200		
	27		Terminal board	Honeywell	GK5PE	4.0mm ² PE	3	YE60000403500		
	28		Terminal board	Honeywell	SK2.5	2.5mm ²	9	YE60002503200		
	29		Terminal board	Honeywell	GK2.5PE	2.5mm ² PE	1	YE60002503400		
	30	X2		Terminal board	Honeywell	SK2.5	2.5mm ²	4	YE60002503200	
	31			Terminal fittings E/GK series	Honeywell	E	GK	8	YE60000003900	
B	32	M1	Blower	SHINI	----	3.75kW 230V	1	----	(1)	
	33	M2	Blower	SHINI	----	0.75kW 230V	1	----	(1)	
	34	M3	Rotor motor	----	----	15W 230V 50/60Hz	1	----	(1)	
	35	EH	Heater	SHINI	----	7.2kW 230V	1	----	(1)	
	36	H1	Three-color alarm light/Alarm	SHINI	Red, yel. blue+ buzzer	PCS	1	BL90002401520	(1)	
C										

机型版本 Ver.D		Notes: (1) Items not in the control box; (2) Optional dew-point transducer;(3)Regen. blower optional blower thermal relay;												
D					Drawer		Version	H	Title	SD-400H	Drawing NO.	Scale	Page	5
					Designer		Approved by		Elec. Parts List 2	SD-400H-CE-230V-H-5	Standard	CE	Totally	5 Pages
					Proofread by		Date	20191112	 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.G

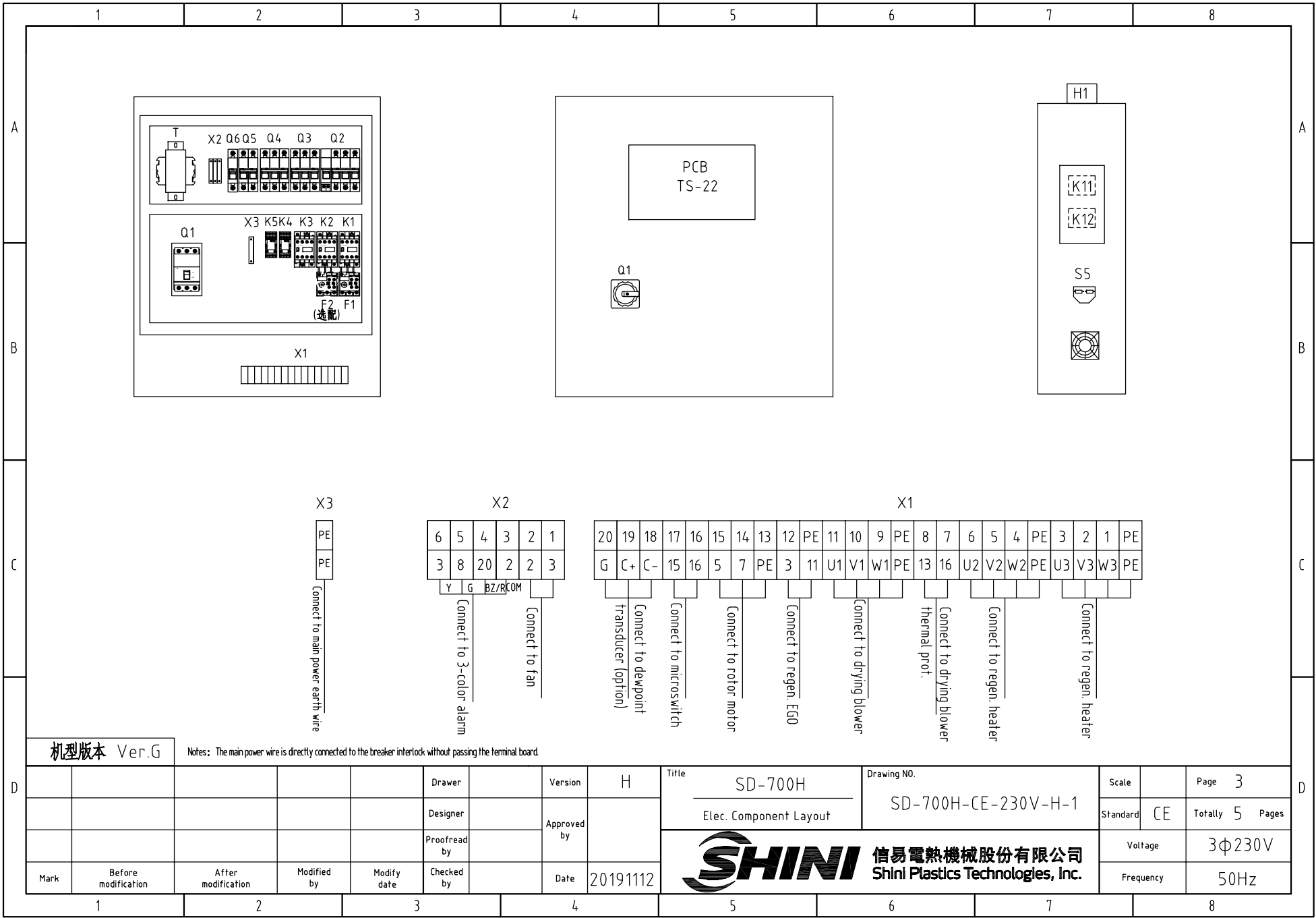
D					Drawer		Version	H	Title	SD-700H	Drawing NO.		Scale		Page	1
					Designer		Approved by		Main Circuit Diagram	SD-700H-CE-230V-H-1	Standard	CE	Totally	5	Pages	
					Proofread by			Voltage				3φ230V				
	Mark	Before modification	After modification	Modified by	Modify date	Checked by		Date	20191112	信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.	Frequency	50Hz				
1	2	3	4	5	6	7	8									



机型版本 Ver.G

Tech. requirement: CN6/CN7/CN9 uses DC voltage circuit which must be blue.

D					Drawer	Version	H	Title	SD-700H	Drawing NO.	Scale	Page	2	D
					Designer	Approved by		Control Circuit Diagram	SD-700H-CE-230V-H-2	Standard	CE	Totally	5 Pages	
					Proofread by					Voltage	3Φ230V			
	Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date	20191112	 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.			Frequency	50Hz	
1	2	3	4	5	6	7	8							



机型版本 Ver.G

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

Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date	20191112

Title SD-700H Elec. Component Layout		Drawing NO. SD-700H-CE-230V-H-1		Scale	Page 3
				Standard	CE
				Voltage	3φ230V
				Frequency	50Hz



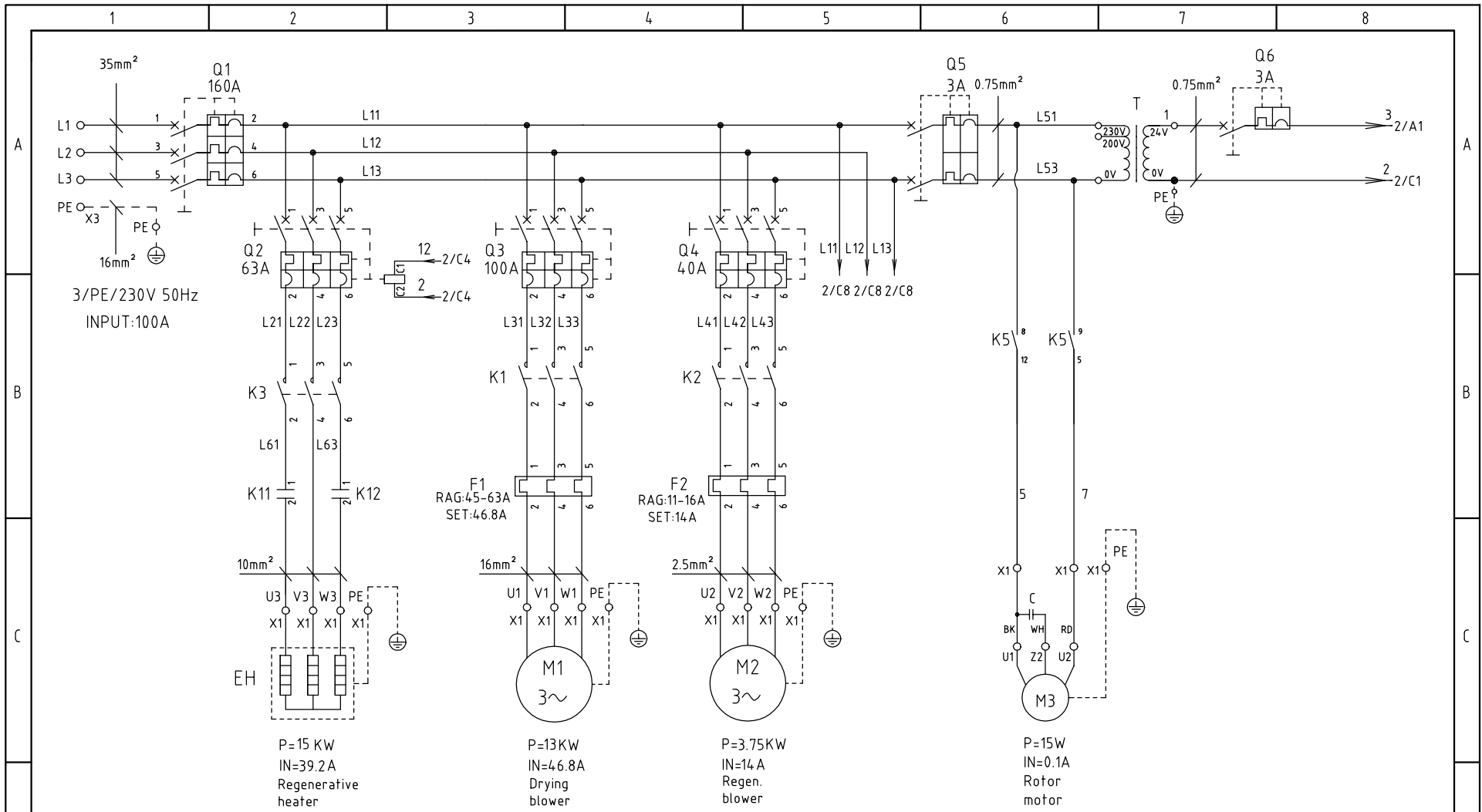
信易電熱機械股份有限公司
Shini Plastics Technologies, Inc.

1		2		3		4		5		6		7		8						
NO.	Symbol	Name		Manufacturer		Type		Specification		Number	Material number		Remark							
A	1	Q1	Main switch		ABB		A1A125TMF100		100A		1	YE41110200000								
	2	Q2	Circuit breaker		TECO		BM-63C		32A		1	YE40303203000								
	3		Excitation release		YIJIN		MX		24VAC		1	YE40024000000		A						
	4	Q3	Circuit breaker		TECO		BM-63C		63A		1	YE40306303000								
	5	Q4	Circuit breaker		TECO		BM-63C		16A		1	YE40301603000								
	6	Q5	Circuit breaker		TECO		BM-63C		3A		1	YE40200203000								
	7	Q6	Circuit breaker		TECO		BM-63C		3A		1	YE40100203000								
B	8	K1	Contactor		SIEMENS		3RT6027-1AC20-24VAC		24VAC 50/60Hz		1	YE00602702600								
	9	K2	Contactor		SIEMENS		3RT6016-1AB01-24VAC		24VAC 50/60Hz		1	YE00601602500								
	10	K3	Contactor		SIEMENS		3RT6023-1AC20-24VAC		24VAC 50/60Hz		1	YE00602301100								
	11	K4 K5	Middle relay		Honeywell		GR-2C base PGR-2C-E		24V AC		2	YE03022400300		B						
	12	K11 K12	Solid state relay		FOTEK		KSR-50DA-H		50A/480VAC/4-32VDC		2	YE03505003200								
	13	F1	Thermal overload relay		SIEMENS		3RU6126-4NB0		23-28A		1	YE01612620000								
	14	F2	Thermal overload relay		SIEMENS		3RU6116-1GB0		5.5-8A		1	YE01160550000		(3)						
	15	T	Transformer		JIUXIN		IN=230V/200V OUT=24VAC		180VA		1	YE70023005400								
C	16	PCB	Microcomputer PCB		YUYUN		TS-22(assembly) SSR output		24V 50/60Hz		1	YE80222408200								
	17	S1	Thermocouple		SHINI		----		K		1	----		(1)						
	18	S2	Overheat protector		EGO		ZA300		250V 300°C		1	----		(1)						
	19	S3	Dew-point transducer		SUTO		217-0EM		POWER-24VDC 4-20mA		1	YE90021700100		(1) (2)						
	20	S4	Micro switch/Limit switch		TEND		LXW5-11G1		250V 5(4)A		1	----		(1)						
	21	S5	Comm. interface plate RS-485 (Dsub-9pin connector)		YUYUN		----		PCS		1	YE90048501200								
	22		Shell RS-485(SAL-700G-A-19)ver.0		BINCHENG		----		PCS		1	YR40048500000								
	23	FM	Fan		SUNON		----		----		1	----		(1)						
	24	X3	Terminal board		Honeywell		GK16 PE		16mm ² PE		1	YE60001603500								
	25	X1	Terminal board		Honeywell		SK6		6mm ²		6	YE60000603200								
机型版本 Ver.G		Notes: (1) Items not in the control box; (2) Optional dew-point transducer;(3)Drying blower and regen. blower thermal relay;																		
D					Drawer		Version		H		Title		SD-700H		Drawing NO.		Scale		Page 4	
					Designer		Approved by				Elec. Parts List 1		SD-700H-CE-230V-H-4		Standard		CE		Totally 5 Pages	
					Proofread by		Date		20191112		 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			
1		2		3		4		5		6		7		8						


	1	2	3	4	5	6	7	8	
	N0.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark
A	26		Terminal board	Honeywell	GK6PE	6mm ² PE	2	YE60000603500	
	27		Terminal board	Honeywell	SK4.0	4.0mm ²	5	YE60000403200	
	28		Terminal board	Honeywell	GK4.0 PE	4.0mm ² PE	1	YE60000403500	
	29		Terminal board	Honeywell	SK2.5	2.5mm ²	9	YE60002503200	
	30		Terminal board	Honeywell	GK2.5 PE	2.5mm ² PE	1	YE60002503400	
	31	X2	Terminal board	Honeywell	SK2.5	2.5mm ²	4	YE60002503200	
	32		Terminal fittings E/GK series	Honeywell	E	GK	8	YE60000003900	
B	33	M1	Blower	SHINI	----	5.5kW 230V	1	----	(1)
	34	M2	Blower	SHINI	----	1.5kW 230V	1	----	(1)
	35	M3	Rotor motor	----	----	15W 230V 50/60Hz	1	----	(1)
	36	EH1	Heater	SHINI	----	10kW 230V	1	----	(1)
	37	H1	Three-color alarm light/alarm	SHINI	Red, yel. blue+ buzzer	PCS	1	BL90242201520	(1)
C									

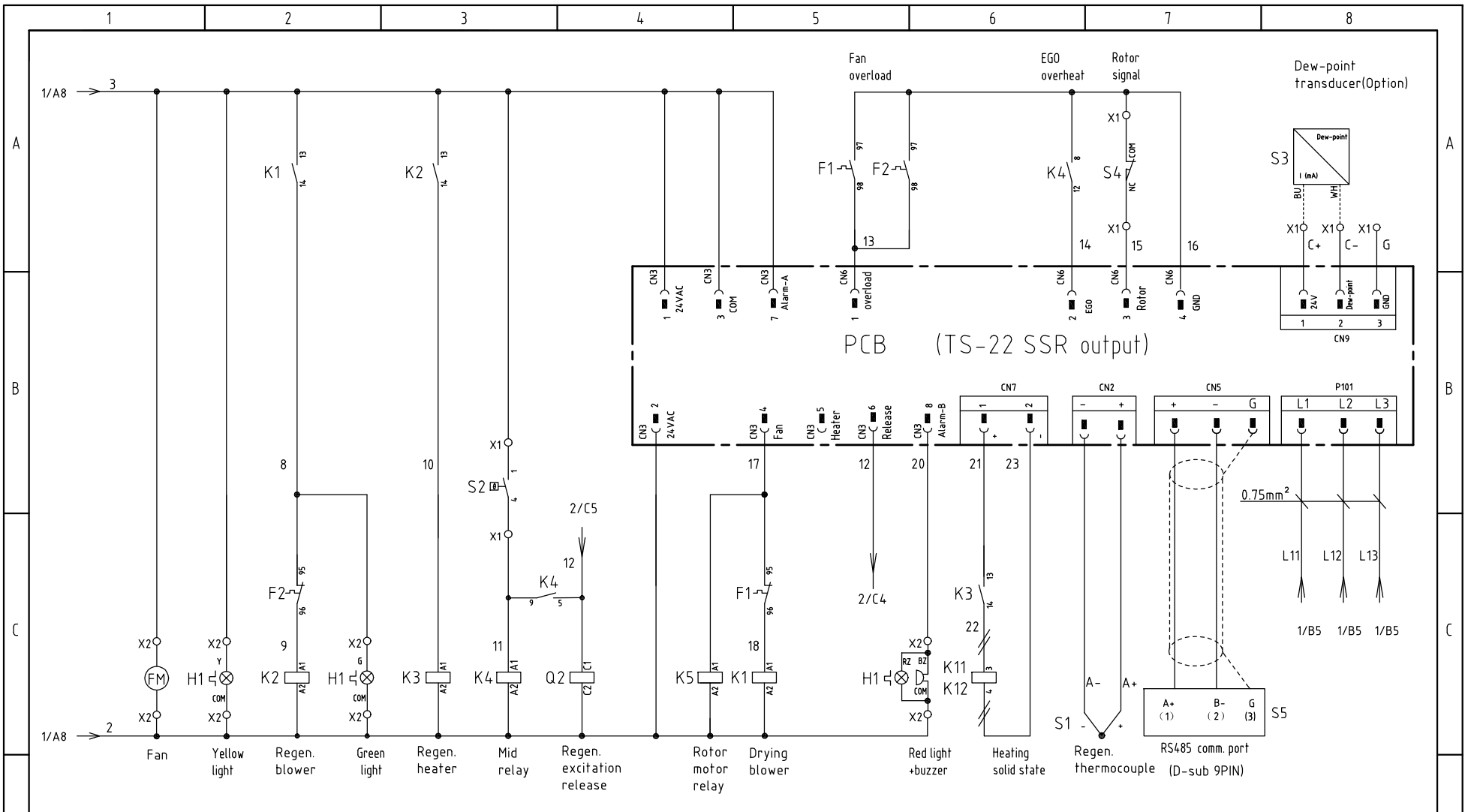
机型版本 Ver.G		Notes: (1) Items not in the control box; (2) Optional dew-point transducer;(3)Regen. blower optional blower thermal relay;							
D	Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date	20191112	
		Drawer		Version	H	Title SD-700H Elec. Parts List 2		Drawing NO. SD-700H-CE-230V-H-5	
		Designer		Approved by				Scale	Page 5
		Proofread by						Standard	CE
								Voltage	3φ230V
								Frequency	50Hz
								Totally	5 Pages





机型版本 Ver.G

D					Drawer	Version	H	Title	SD-1000H	Drawing NO.	SD-1000H-CE-230V-H-1	Scale	Page	1
					Designer	Approved by		Main Circuit Diagram			Standard	CE	Totally	5 Pages
					Proofread by			 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	Date		20191112			Frequency	50Hz	
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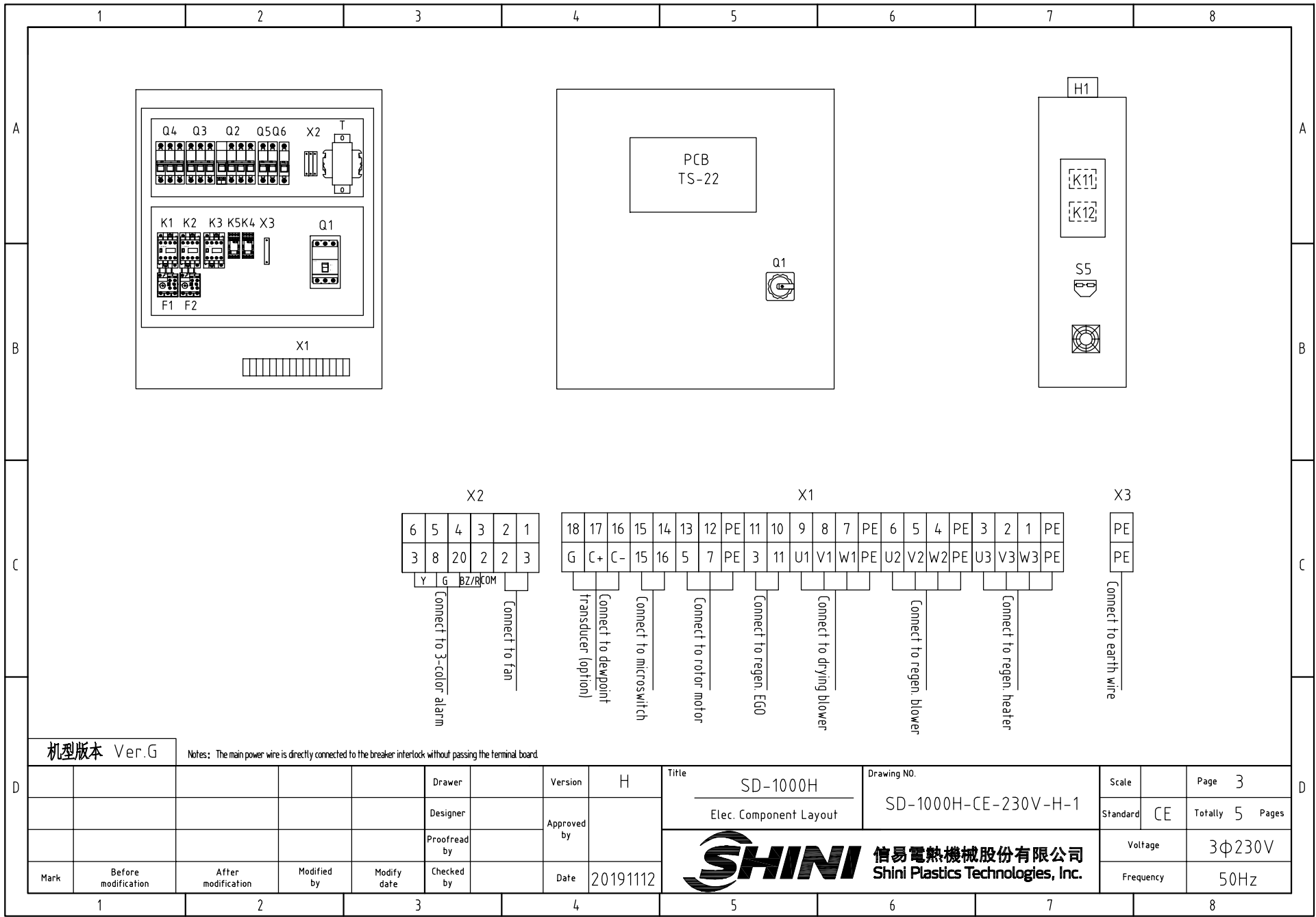
机型版本 Ver.G

Tech. requirement: CN6/CN7/CN9 uses DC voltage circuit which must be blue.

Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date	20191112	Title SD-1000H Control Circuit Diagram	Drawing NO. SD-1000H-CE-230V-H-2	Scale	Page 2
										Standard	CE
										Voltage	3Φ230V
										Frequency	50Hz




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Shini Plastics Technologies, Inc.




机型版本 Ver.G

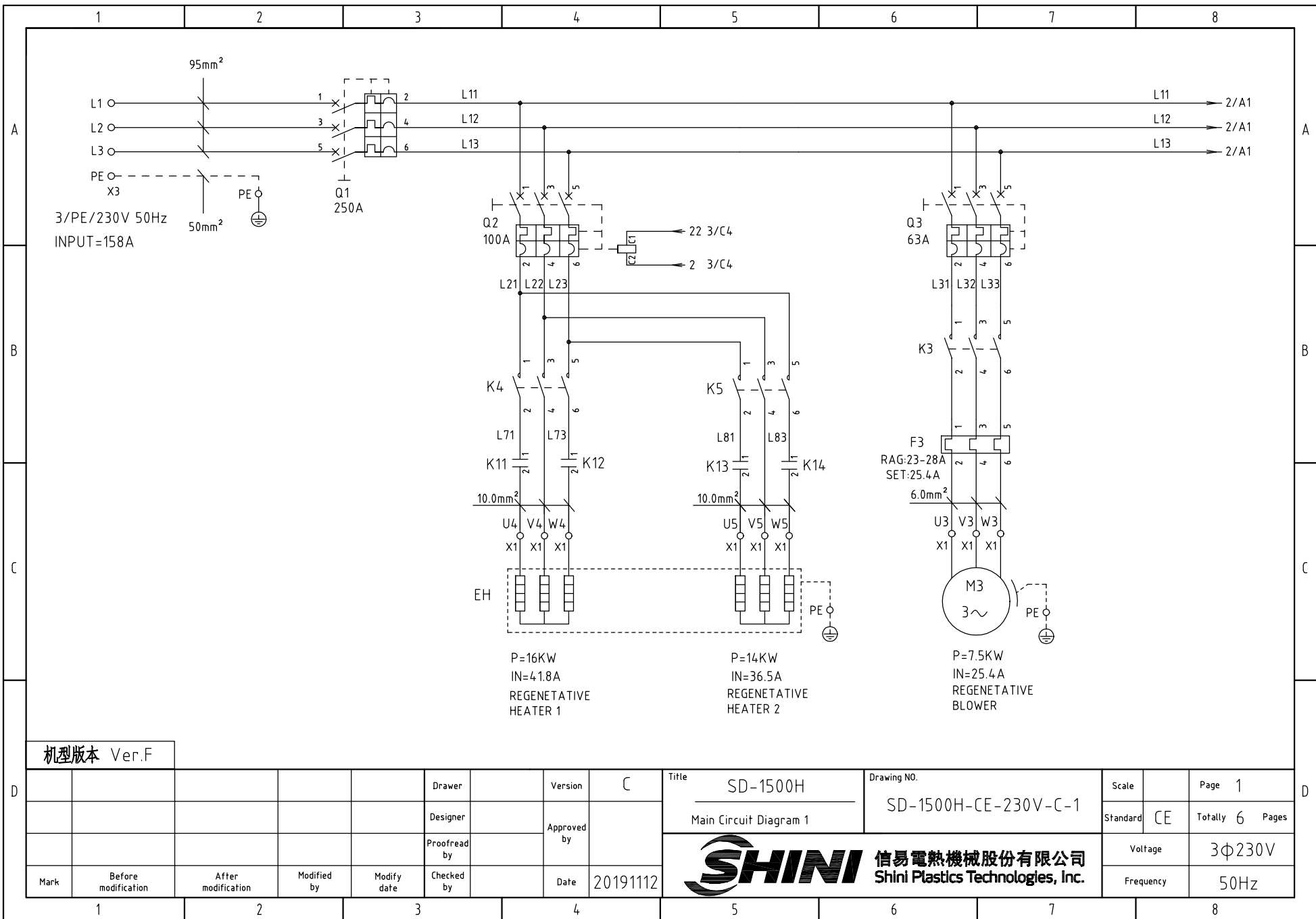
Notes: The main power wire is directly connected to the breaker interlock without passing the terminal board.

D				Drawer		Version	H	Title	SD-1000H	Drawing NO.	SD-1000H-CE-230V-H-1	Scale	Page	3	
				Designer		Approved by		Elec. Component Layout				Standard	CE	Totally	5 Pages
				Proofread by		Date	20191112	 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	

1	2		3	4	5	6	7	8			
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark			
1	Q1	Breaker interlock	ABB	A2B250TMF160	160A	1	YE41161500000				
2	Q2	Circuit breaker	TECO	BM-63C	63A	1	YE40306303000				
3		Excitation release	YIJIN	MX	24VAC	1	YE40024000000				
4	Q3	Circuit breaker	TECO	BM-63C	100A	1	YE40310003000				
5	Q4	Circuit breaker	TECO	BM-63C	40A	1	YE40304003000				
6	Q5	Circuit breaker	TECO	BM-63C	3A	1	YE40200203000				
7	Q6	Circuit breaker	TECO	BM-63C	3A	1	YE40100203000				
8	K1	Contactora	SIEMENS	3RT5044-1AC20-24VAC	24VAC 50/60Hz	1	YE00504402600				
9	K2	Contactora	SIEMENS	3RT6026-1AC20-24VAC	24VAC 50/60HZ	1	YE00602602600				
10	K3	Contactora	SIEMENS	3RT5034-1AC20-24VAC	24VAC 50/60Hz	1	YE00503400700				
11		Auxiliary contactora	SIEMENS	3RH5921-1CA10	PCS	2	YE00592110000				
12	K4 K5	Middle relay	Honeywell	GR-2C base PGR-2C-E	24V AC	2	YE03022400300				
13	K11 K12	Solid state relay	FOTEK	KSR-75DA-H	75A/480VAC/4-32VDC	2	YE03757503200				
14	F1	Thermal overload relay	SIEMENS	3RU5146-4JB0	45-63A	1	YE01514640000				
15	F2	Thermal overload relay	SIEMENS	3RU6116-4AB0	11-16A	1	YE01611640000				
16	T	Transformer	JIUXIN	IN=230V/200V OUT=24VAC	350VA	1	YE70023007000				
17	PCB	Microcomputer PCB	YUYUN	TS-22(assembly) SSR output	24V 50/60Hz	1	YE80222408200				
18	S1	Thermocouple	SHINI	----	K	1	----	(1)			
19	S2	Overheat protector	EGO	ZA300	250V 300°C	1	----	(1)			
20	S3	Dew-point transducer	SUTO	217-0EM	POWER-24VDC 4-20mA	1	YE90021700100	(1) (2)			
21	S4	Micro switch/Limit switch	TEND	LXW5-11G1	250V 5(4)A	1	----	(1)			
22	S5	Comm. interface plate RS-485 (Dsub-9pin connector)	YUYUN	----	PCS	1	YE90048501200				
23		Shell RS-485(SAL-700G-A-19)ver.0	BINCHENG	----	PCS	1	YR40048500000				
24	FM	Fan	SUNON	-----	-----	1	----	(1)			
25	X3	Terminal board	Honeywell	GK16PE	16mm ² PE	1	YE60003503500				
机型版本 Ver.G		Notes: (1) Items not in the control box; (2) Optional dew-point transducer									
D			Drawer	Version	H	Title SD-1000H		Drawing NO. SD-1000H-CE-230V-H-4		Scale	Page 4
			Designer	Approved by		Elec. Parts List 1		Standard CE		Totally 5	Pages
			Proofread by	Date	20191112	 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
1	2		3	4	5	6	7	8			

	1	2	3	4	5	6	7	8	
	N0.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark
A	26	X1	Terminal board	Honeywell	SK10	10mm ²	3	YE60001003200	
	27		Terminal board	Honeywell	GK10 PE	10mm ² PE	1	YE60001003500	
	28		Terminal board	Honeywell	SK16	16mm ²	3	YE60001603200	
	29		Terminal board	Honeywell	GK16PE	16mm ² PE	1	YE60001603500	
	30		Terminal board	Honeywell	SK4.0	4.0mm ²	3	YE60000403200	
	31		Terminal board	Honeywell	GK4.0 PE	4.0mm ² PE	1	YE60000403500	
	32		Terminal board	Honeywell	SK2.5	2.5mm ²	9	YE60002503200	
B	33		Terminal board	Honeywell	GK2.5 PE	2.5mm ² PE	1	YE60002503400	
	34	X2	Terminal board	Honeywell	SK2.5	2.5mm ²	4	YE60002503200	
	35		Terminal fittings E/GK series	Honeywell	E	GK	8	YE60000003900	
	36	M1	Blower	SHINI	----	13kW 230V	1	----	(1)
	37	M2	Blower	SHINI	----	3.75kW 230V	1	----	(1)
	38	M3	Rotor motor	----	----	40W 230V 50/60Hz	1	----	(1)
	39	EH	Heater	SHINI	----	15kW 230V	1	----	(1)
40	H1	Three-color alarm light/alarm	SHINI	Red, yel. blue+ buzzer	PCS	1	BL90242201520	(1)	
C									

机型版本 Ver.G		Notes: (1) Items not in the control box; (2) Optional dew-point transducer;													
D					Drawer		Version	H	Title	SD-1000H	Drawing NO.	Scale		Page	5
					Designer		Approved by		Elec. Parts List 2	SD-1000H-CE-230V-H-5	Standard	CE	Totally	5	Pages
					Proofread by		Date	20191112	 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.F

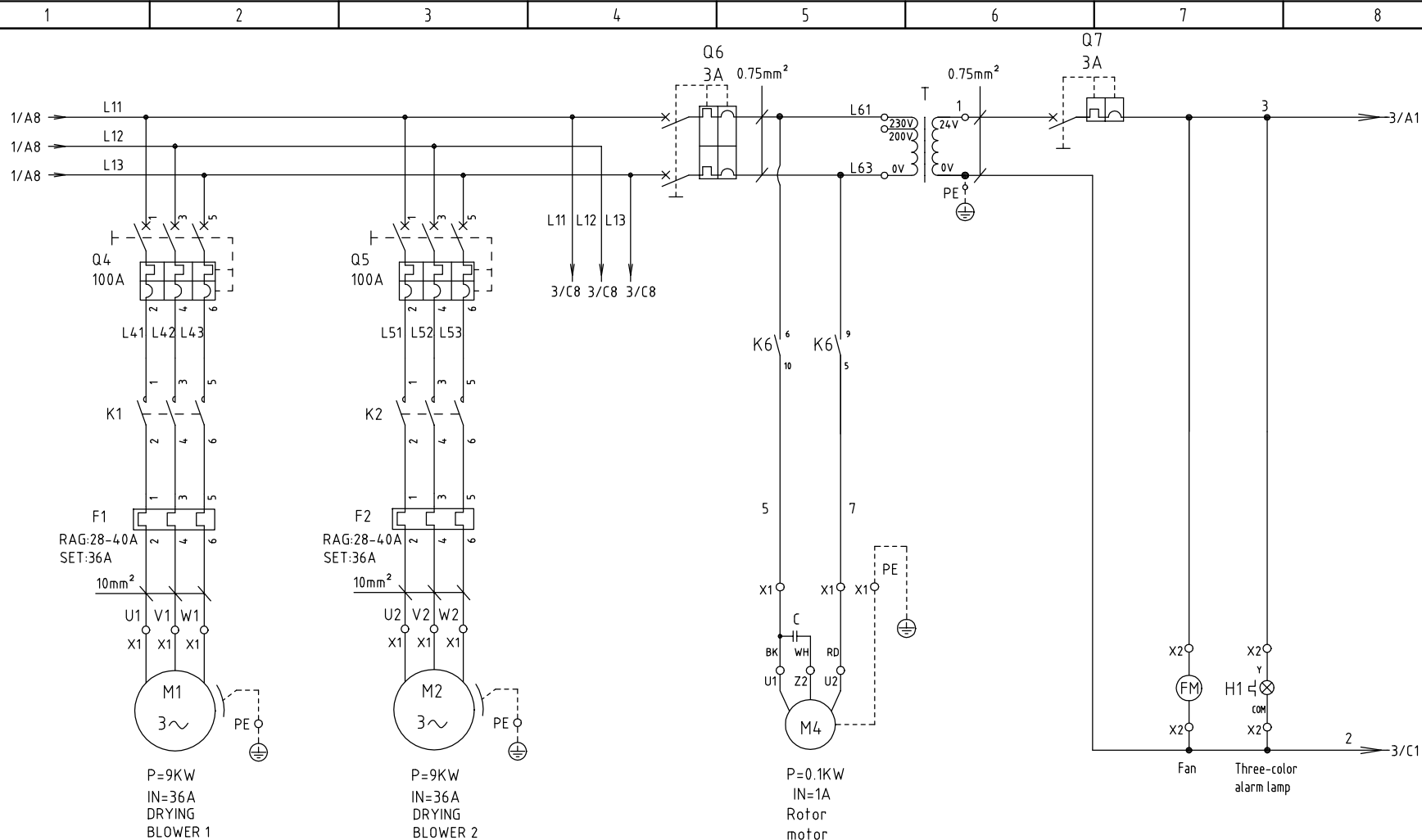
Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date	20191112

Title SD-1500H
Main Circuit Diagram 1


Drawing NO. SD-1500H-CE-230V-C-1



Scale		Page	1
Standard	CE	Totally	6 Pages
Voltage	3φ230V		
Frequency	50Hz		



机型版本 Ver.F

D					Drawer		Version	C	Title	SD-1500H	Drawing NO.	SD-1500H-CE-230V-C-2	Scale		Page	2
					Designer		Approved by		Main Circuit Diagram 2				Standard	CE	Totally	6 Pages
					Proofread by		Date	20191112	 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					

1

2

3

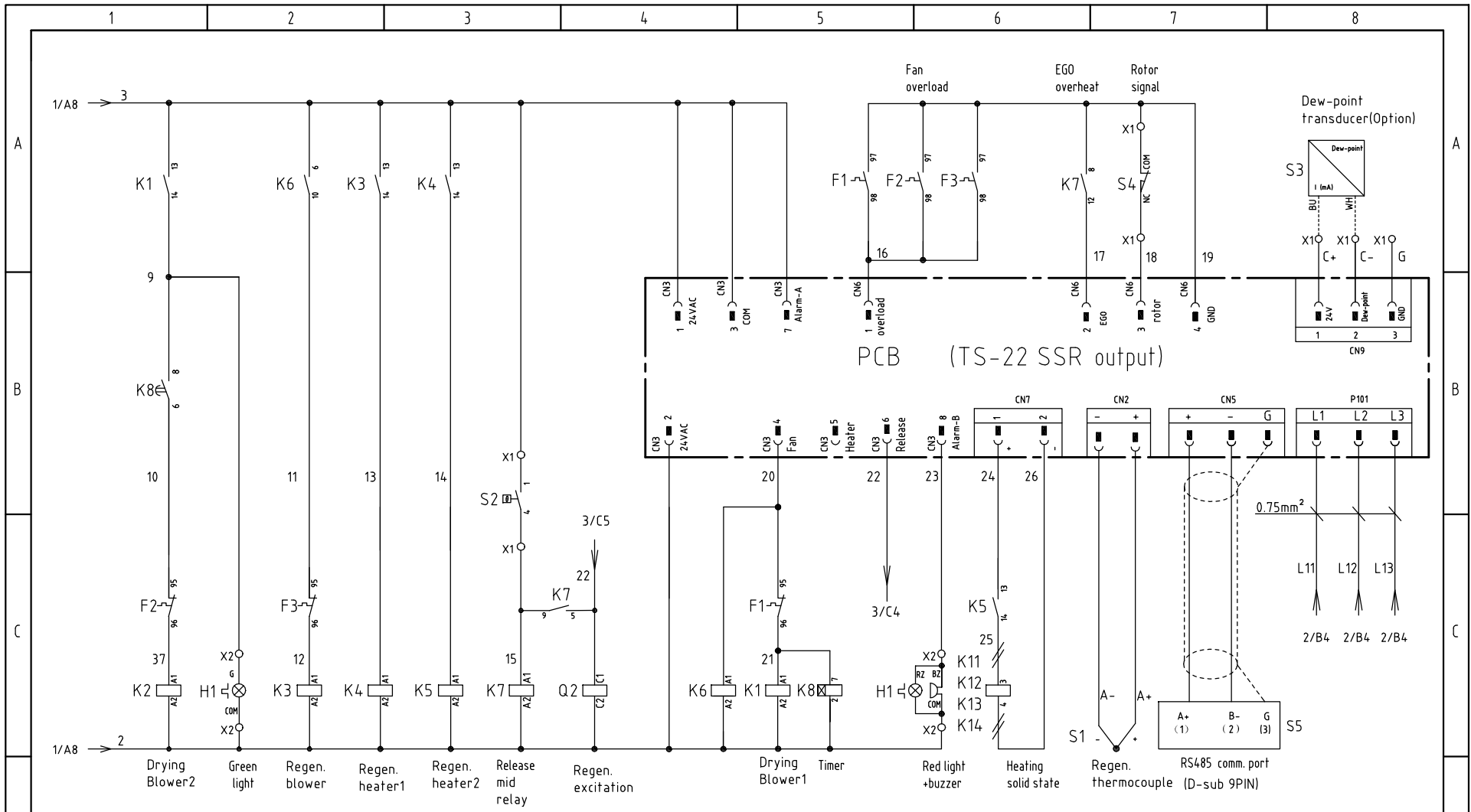
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6


7

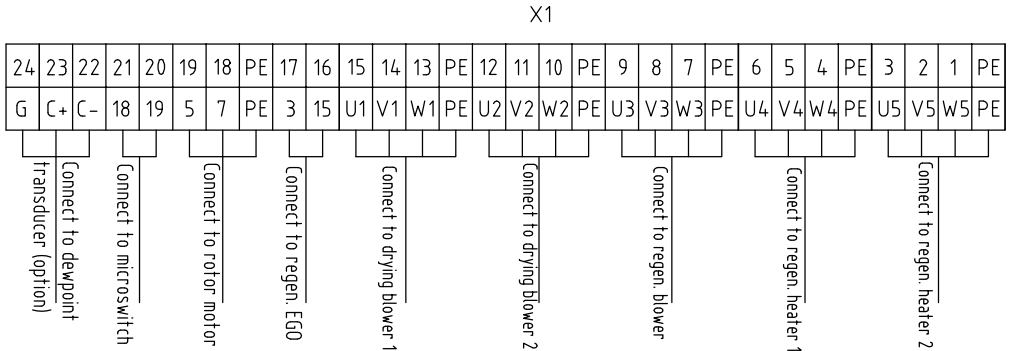
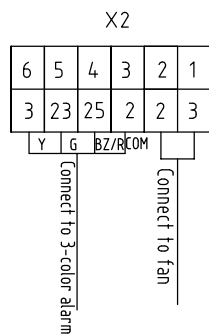
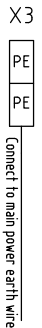
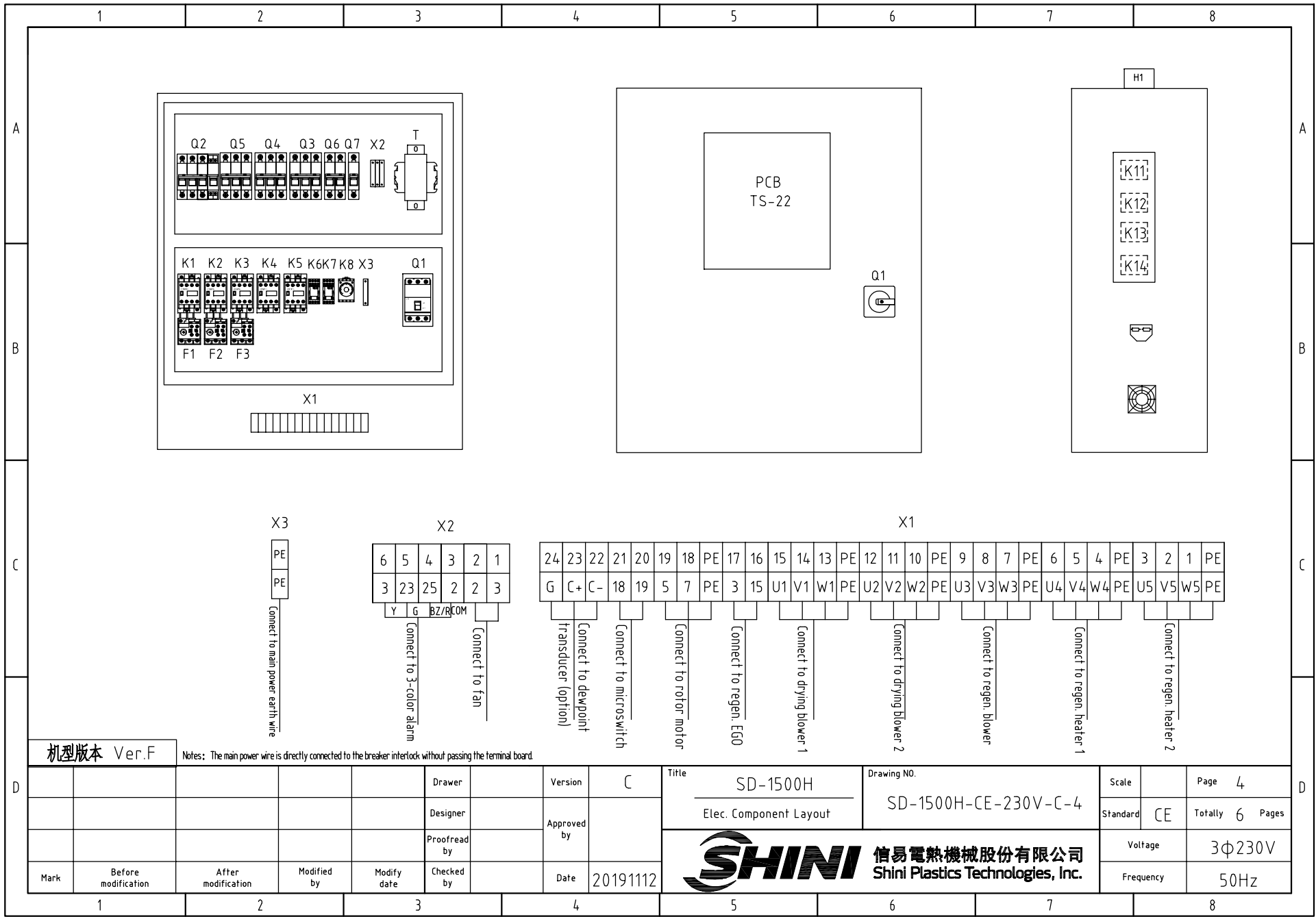
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机型版本 Ver.F


Tech. requirement: CN6/CN7/CN9 uses DC voltage circuit which must be blue.

D					Drawer	Version	C	Title	SD-1500H	Drawing NO.	Scale	Page	D
					Designer	Approved by		Control Circuit Diagram	SD-1500H-CE-230V-C-1	Standard	CE	Totally 6 Pages	
					Proofread by	Date	20191112	 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							
	1	2	3	4	5	6	7	8					



机型版本 Ver.F

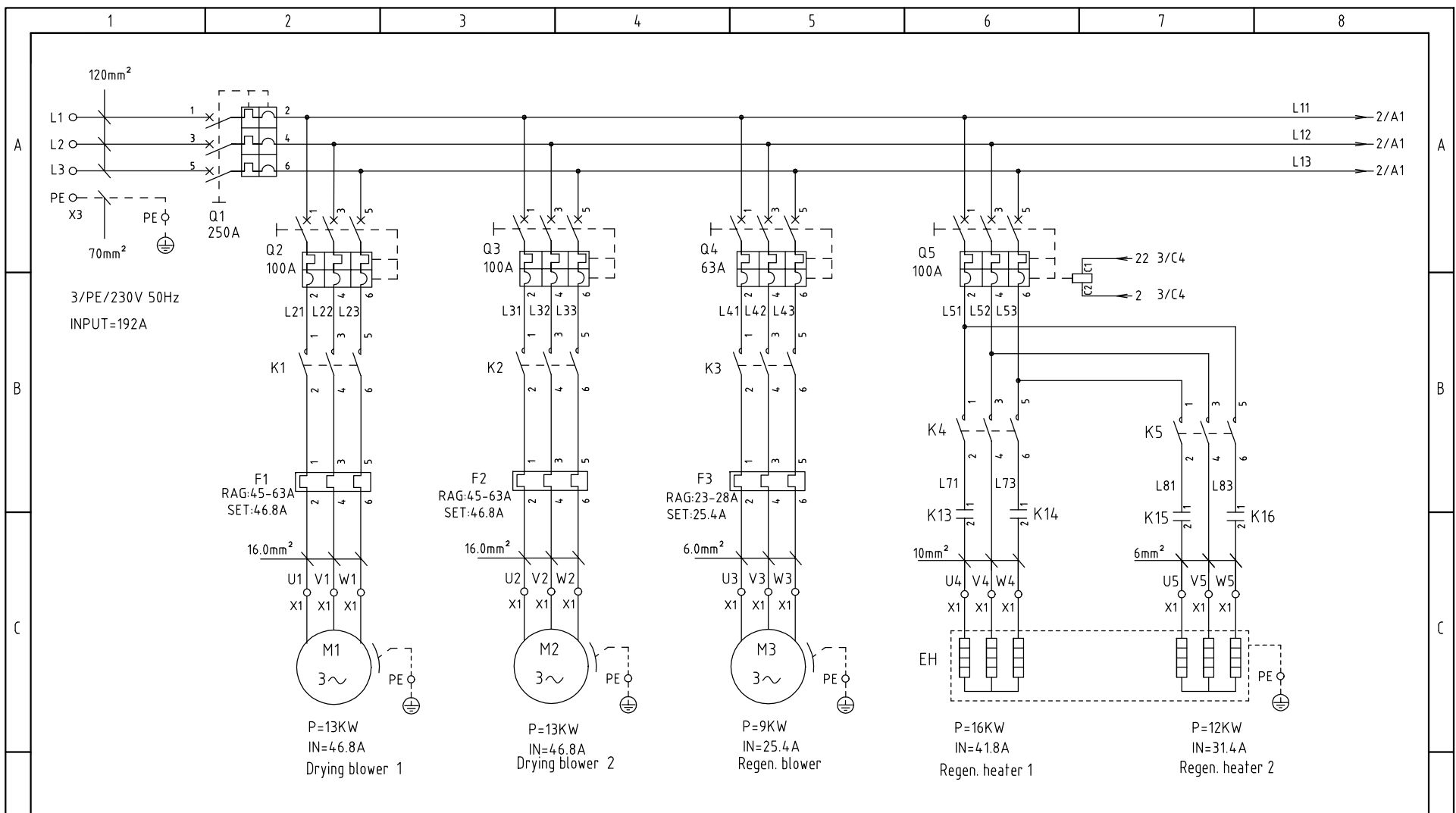
Notes: The main power wire is directly connected to the breaker interlock without passing the terminal board.

Mark	Before modification	After modification	Modified by	Modify date	Checked by	Version	C	Title	SD-1500H	Drawing NO.	SD-1500H-CE-230V-C-4	Scale	Page	4
						Approved by		Elec. Component Layout		Standard	CE	Totally	6	Pages
						Date	20191112	 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		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		A2B250TMF250/25003PFF		250A		1	YE41252800000						
2	Q2 Q4 Q5	Circuit breaker		TECO		BM-100D/3100S		100A		3	YE40310003000						
3	Q3	Circuit breakers		TECO		BM-63C/3063S		63A		1	YE40306303000						
4		Excitation release		YIJIN		MX		24V 50/60Hz		1	YE40024000000						
5	Q6	Circuit breaker		TECO		BM-63C		3A		1	YE40200203000						
6	Q7	Circuit breaker		TECO		BM-63C		3A		1	YE40100203000						
7	K1 K2	AC contactors		SIEMENS		3RT5036-1AC20-24VAC		24VAC 50/60Hz		2	YE00503602600						
8	K4	AC contactors		SIEMENS		3RT5035-1AC20-24VAC		24VAC 50/60Hz		1	YE00503502600						
9	K5	AC contactors		SIEMENS		3RT5034-1AC20-24VAC		24VAC 50/60Hz		1	YE00503400700						
10		Auxiliary contact		SIEMENS		3RH5921-1CA10		PCS		3	YE00592110000						
11	K3	AC contactor		SIEMENS		3RT6027-1AC20-24VAC		32A 24VAC 50/60Hz		1	YE00602702600						
12	K6	Middle relay + base		Honeywell		GR-2C base PGR-4C-E		24V AC		1	YE03042400300						
13	K7	Middle relay + base		Honeywell		GR-2C base PGR-2C-E		24V AC		1	YE03022400300						
14	K8	Middle relay + base/Time relay		YUYUN		TH3A-NAB/60S		24V DC/AC (T&C)		1	YE86602400300						
15	K11-K14	Solid-state relay		FOTEK		KSR-75DA-H		75A/480VAC/4-32VDC		4	YE03757503200						
16	F1 F2	Thermal overload relay		SIEMENS		3RU5136-4GB0		36-45A		2	YE01612660000						
17	F3	Thermal overload relay		SIEMENS		3RU6126-4NB0		23-28A		1	YE01612620000						
18	T	Transformer		JIUXIN		IN=230V/200V OUT=24VAC		350VA		1	YE70023007000						
19	PCB	Microcomputer PCB		YUYUN		TS-22(assembly) SSR output		24V 50/60Hz		1	YE80222408200						
20	S1	Thermocouple		SHINI		-----		K		1	-----		(1)				
21	S2	Overheat protector		EGO		ZA300		250V 300°C		1	-----		(1)				
22	S3	Dew-point transducer		SUTO		217-0EM		POWER-24VDC 4-20mA		1	YE90021700100		(1) (2)				
23	S4	Limit switch		TEND		LXW5-11G1		250V 5(4)A		1	-----		(1)				
24	S5	Comm. interface plate RS-485 (Dsub-9pin connector)		YUYUN		----		PCS		1	YE90048501200						
25		Shell RS-485(SAL-700G-A-19)ver.0		BINCHENG		----		PCS		1	YR40048500000						
机型版本 Ver.F		Notes: (1) Items not in the control box; (2) Optional dew-point transducer; (1)															
				Drawer		Version		C		Title		Drawing NO.		Scale		Page 5	
				Designer		Approved by				SD-1500H		SD-1500H-CE-230V-C-5		Standard		CE	
				Proofread by		Date		20191112		Elec. Parts List 1				Voltage		3φ230V	
Mark		Before modification		After modification		Modified by		Modify date		Checked by		Date		Frequency		50Hz	
1		2		3		4		5		6		7		8			



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

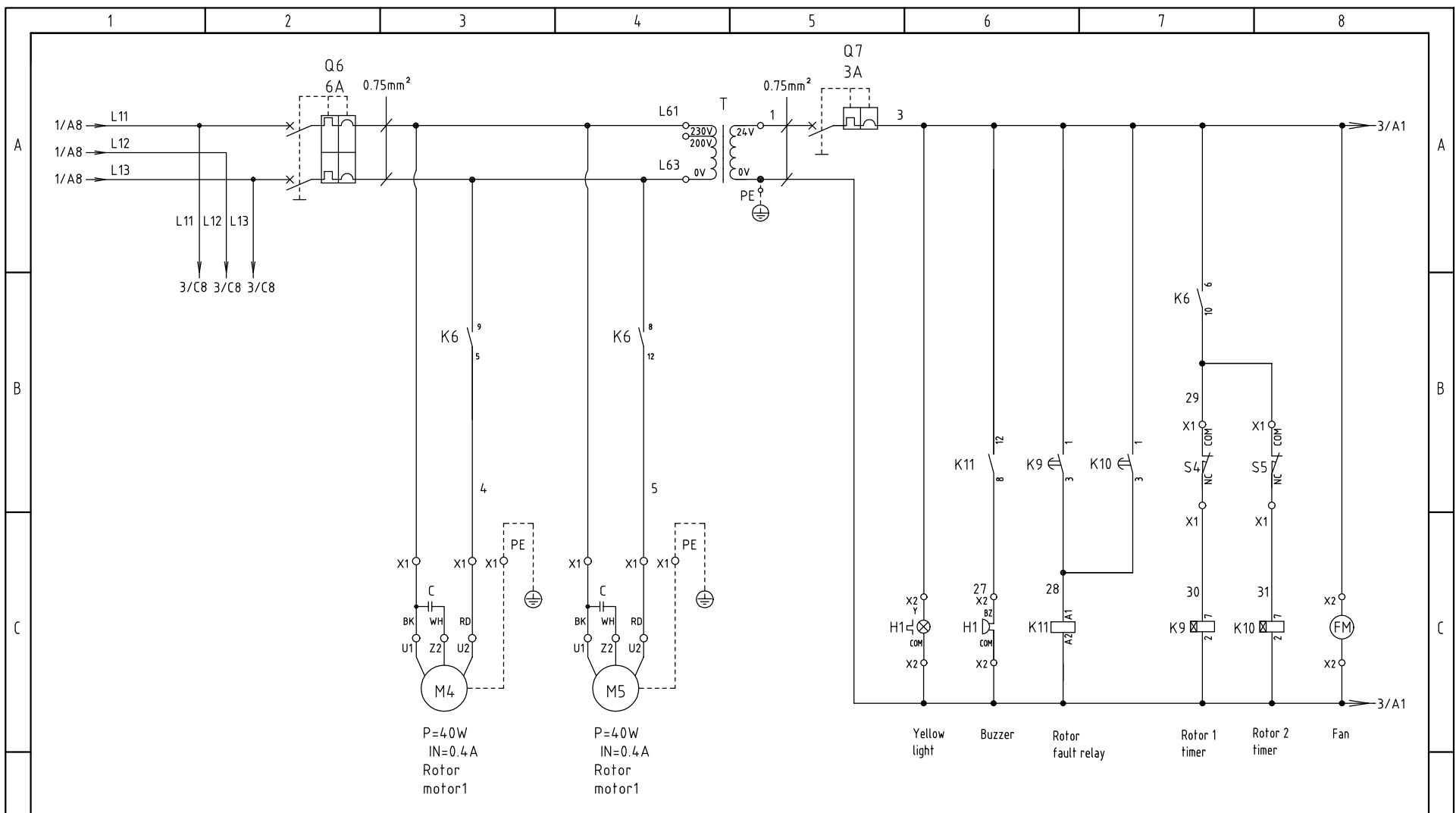


机型版本 Ver.G


D					Drawer	Version	A	Title SD-2000H Main Circuit Diagram 1	Drawing NO. SD-2000H-CE-230V-A-1	Scale	Page	1
					Designer	Approved by	Standard			CE	Totally	6
					Proofread by	Date	20191112	Voltage	3Φ230V			
	Mark	Before modification	After modification	Modified by	Modify date					Checked by	Frequency	50Hz



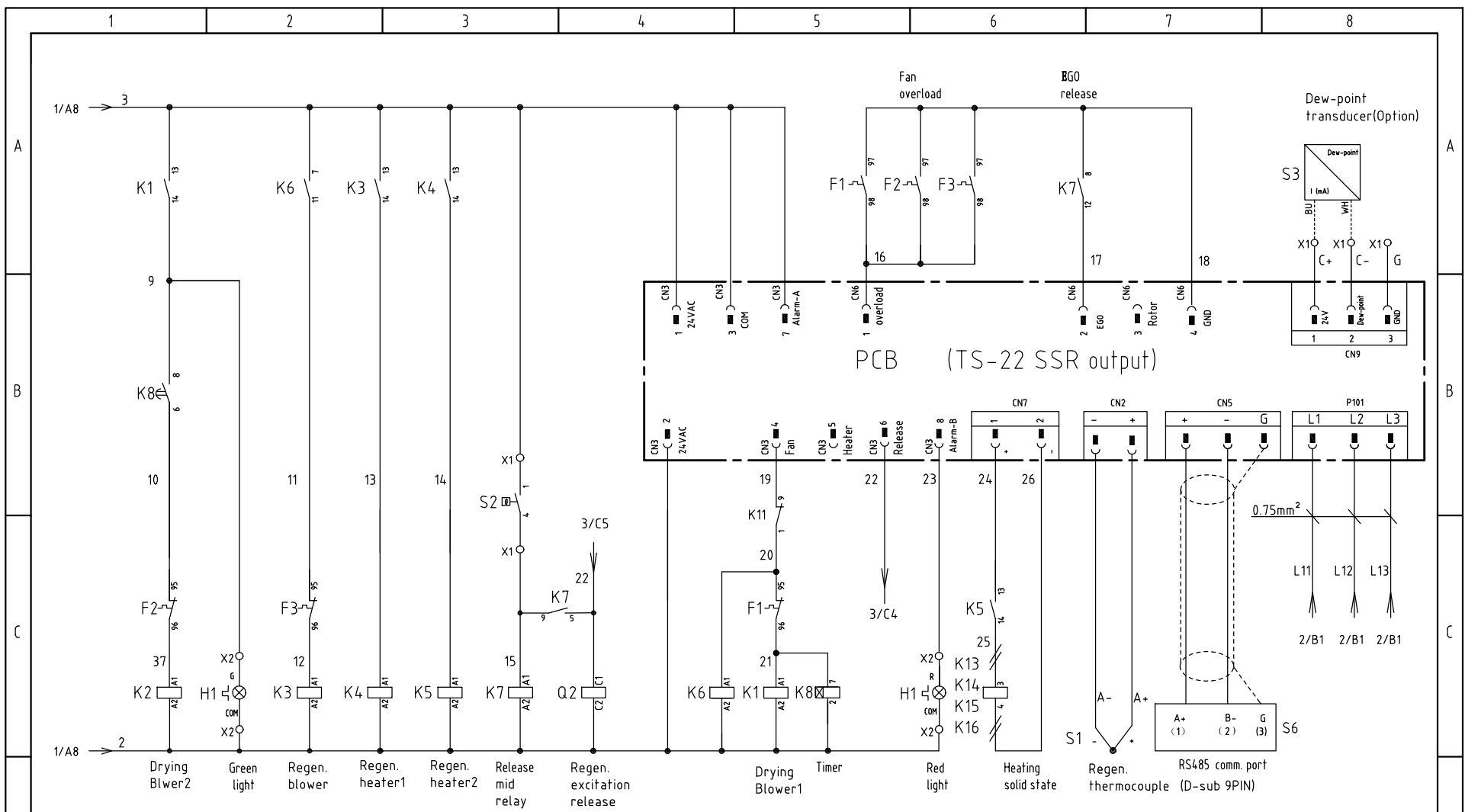
1 2 3 4 5 6 7 8



机型版本 Ver.G

D					Drawer		Version	A	Title	SD-2000H	Drawing NO.	SD-2000H-CE-230V-A-2	Scale		Page	2
					Designer		Approved by		Main Circuit Diagram 2		Standard	CE	Totally	6	Pages	
					Proofread by				Voltage	3Φ230V						
	Mark	Before modification	After modification	Modified by	Modify date	Checked by		Date	20191112	 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Frequency	50Hz			

1 2 3 4 5 6 7 8



机型版本 Ver.G

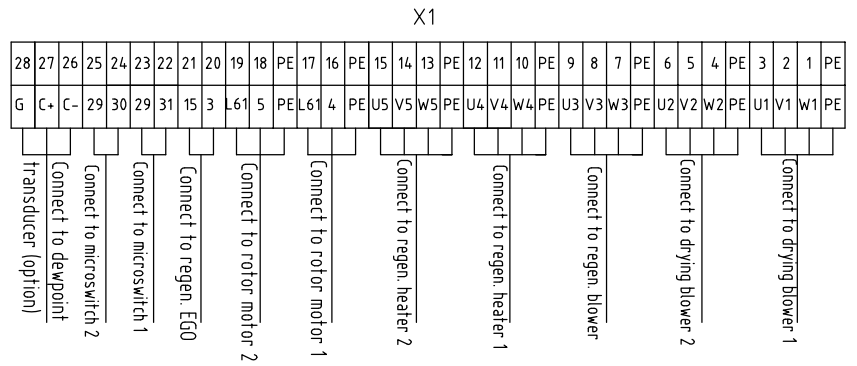
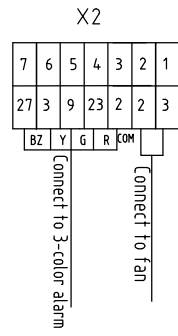
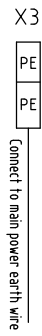
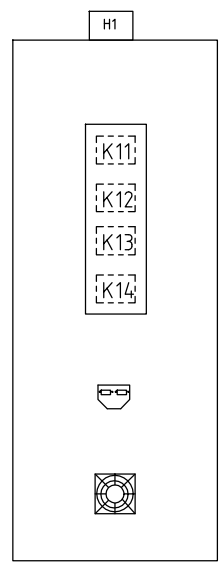
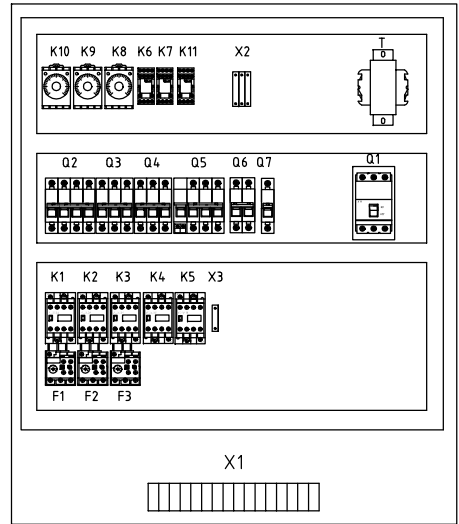
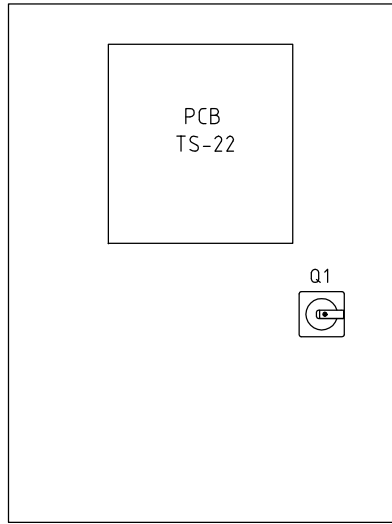
Tech. requirement: CN6/CN7/CN9 uses DC voltage circuit which must be blue.

D	Drawer	Version	A	Title	SD-2000H	Drawing NO.	SD-2000H-CE-230V-A-3	Scale	Page	3
	Designer	Approved by		Control Circuit Diagram				Standard	CE	Totally 6 Pages
	Proofread by	Date	20191112	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

1 2 3 4 5 6 7 8

A
B
C
D

A
B
C
D



机型版本 Ver.G

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

Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date	20191112

Version	A	Title	SD-2000H	Drawer		Scale		Page	4
Designer		Elec. Component Layout		Approved by		Standard	CE	Totally	6 Pages
Proofread by		信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Date	20191112	Voltage	3φ230V		
				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				
1	Q1	Breaker interlock	ABB	A2B250TMF250	25003PFF	1	YE41252800000					
2	Q2 Q3 Q5	Circuit breaker	TECO	BM-100D/3100S	100A	3	YE40310003000					
3		Excitation release	YIJIN	MX	24VAC 50/60Hz	1	YE40024000000					
4	Q4	Circuit breakers	TECO	BM-63C	63A	1	YE40306303000					
5	Q6	Circuit breakers	TECO	BM-63C	6A	1	YE40100600100					
6	Q7	Circuit breakers	TECO	BM-63C	3A	1	YE40100203000					
7	K1 K2	Contactors	SIEMENS	3RT5044-1AC20-24VAC	24VAC 50/60Hz	2	YE00504402600					
8		Auxiliary contact	SIEMENS	3RH5921-1CA10	PCS	3	YE00592110000					
9	K3	Contactors	SIEMENS	3RT6028-1AC20-24VAC	24VAC 50/60Hz	1	YE00602802600					
10	K4 K5	Contactors	SIEMENS	3RT5035-1AC20-24VAC	24VAC 50/60Hz	2	YE00503502600					
11	K6	Middle relay	Honeywell	GR-4C base PGR-4C-E	AC24V	1	YE03042400300					
12	K7 K11	Middle relay	Honeywell	GR-2C base PGR-2C-E	24V AC	2	YE03022400300					
13	K8	Time relay	YUYUN	TH3A-NAB/60S	24V DC/AC (T&C)	1	YE86602400300					
14	K9 K10	Timer	YUYUN	TH3A-NAB(3S~60M)	24V 50/60Hz	2	YE86123000000					
15	K13-K16	Solid-state relay	FOTEK	KSR-75DA-H	75A/480VAC/4-32VDC	4	YE03757503200					
16	F1 F2	Thermal overload relay	SIEMENS	3RU5146-4JB0	45-63A	2	YE01514640000					
17	F3	Thermal overload relay	SIEMENS	3RU6126-4AB0	23-28A	1	YE01612620000					
18	T	Transformer	JIUXIN	IN=230V/200V OUT=24VAC	350VA	1	YE70023007000					
19	PCB	Microcomputer PCB	YUYUN	TS-22(assembly) SSR output	24V 50/60Hz	1	YE80222408200					
20	S1	Dew-point transducer	SUTO	217-0EM	POWER=24VDC OUT=4-20mA	1	YE90021700100	(1)(2)				
21	S2	Thermocouple	SHINI	----	K	1	----	(1)				
22	S3	Overheat protector	TONGBAO	----	----	1	----	(1)				
23	S4 S5	Limit switch	JUCHE	SM1709-A	10A 250V	2	----	(1)				
24	S6	Comm. interface plate RS-485 (Dsub-9pin connector)	YUYUN	----	PCS	1	YE90048501200					
25		Shell RS-485(SAL-700G-A-19)ver.0	BINCHENG	----	PCS	1	YR40048500000					
机型版本 Ver.G		Notes: (1) Items not in the control box; (2) Optional dew-point transducer;										
D	Mark		Before modification	After modification	Modified by	Modify date	Checked by	Date	20191112			
Title			Version			Drawing NO.			Scale		Page	
SD-2000H			A			SD-2000H-CE-230V-A-5			5			
Elec. Parts List 1			Approved by			Standard			CE		Totally 6 Pages	
SHINI 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.			Date			Voltage			3Φ230V			
						Frequency			50Hz			

