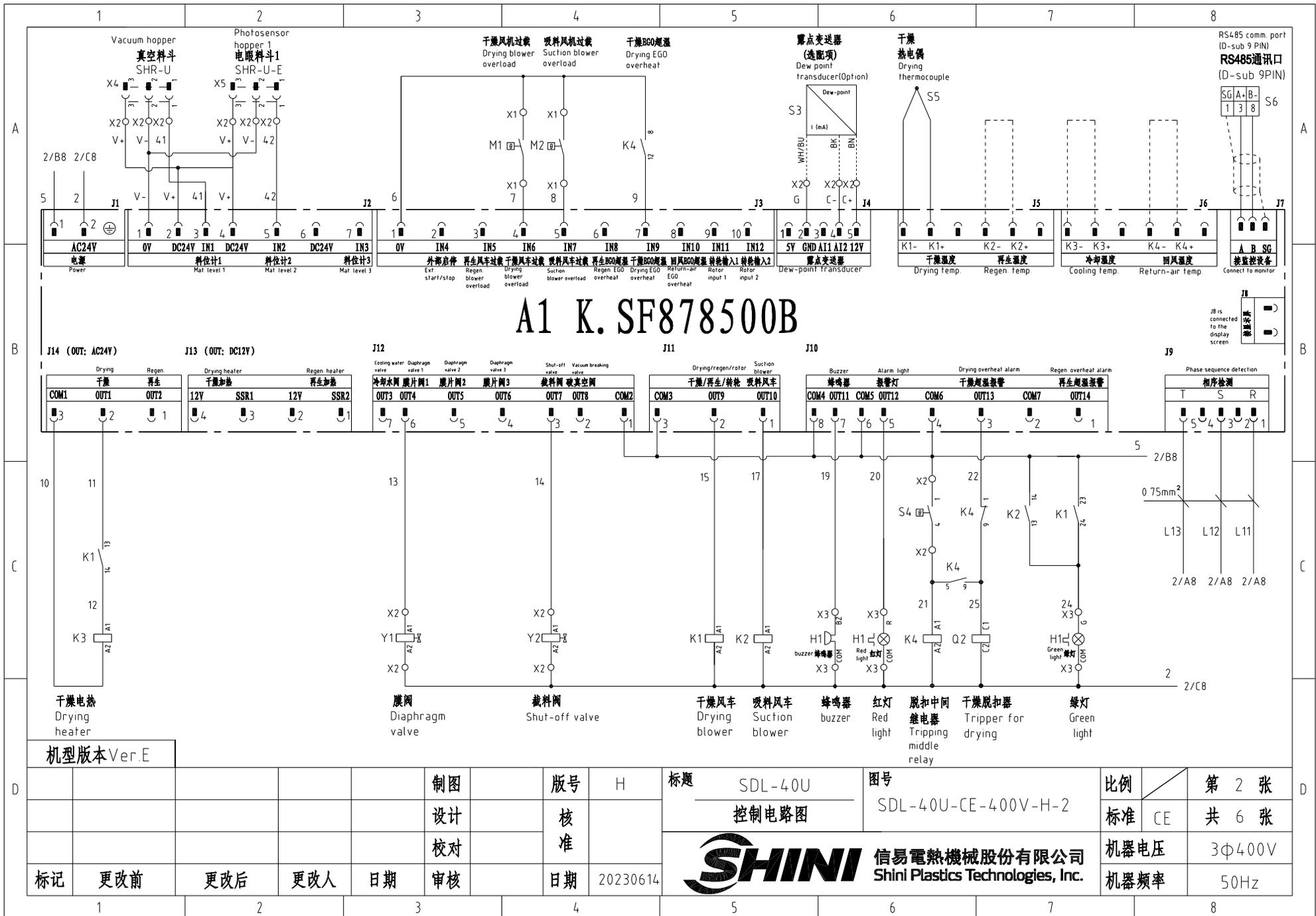


机型版本 Ver.E

D						制图	版号	H	标题	SDL-40U	图号	SDL-40U-CE-400V-H-1	比例	第 1 张
						设计	核准		主电路图		标准	CE	共 6 张	
						校对	核准		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	20230614		机器频率	50Hz			



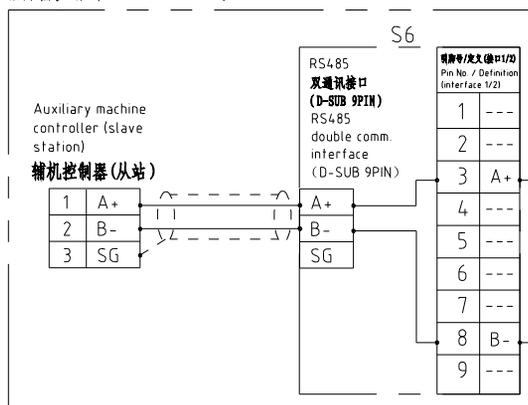
机型版本 Ver.E

					制图	版号	H	标题	SDL-40U	图号	比例	第 2 张
					设计	核		控制电路图	SDL-40U-CE-400V-H-2	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	3φ400V		
标记	更改前	更改后	更改人	日期	审核	日期	20230614		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)

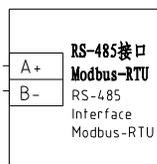


上位机 (外部控制主站)

PC/PLC/HMI

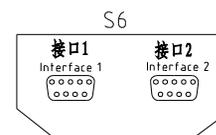
Host computer (ext. control master station)

PC/PLC/HMI



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:

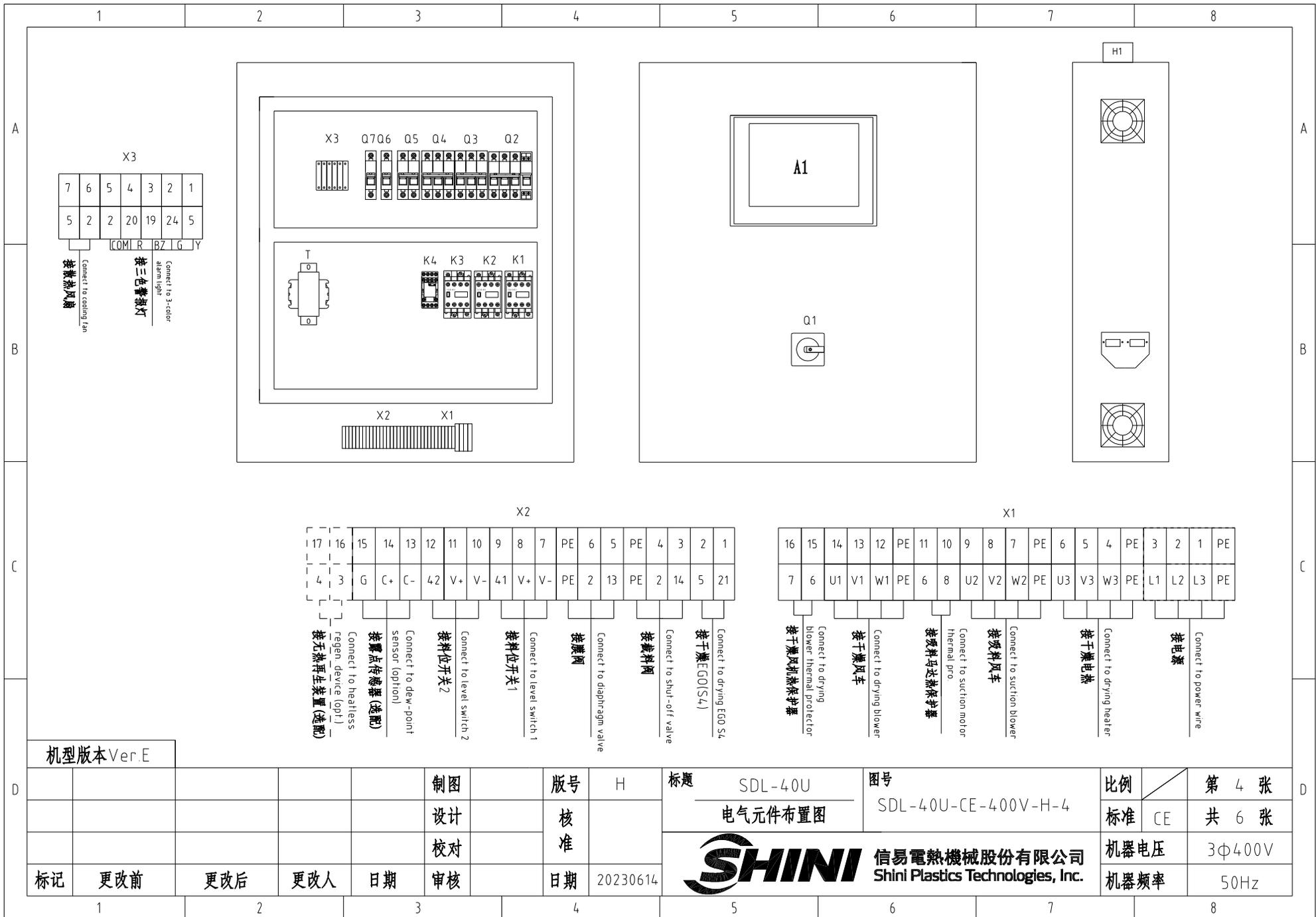
1 Comm. interface: RS-485 (two wire)

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.E

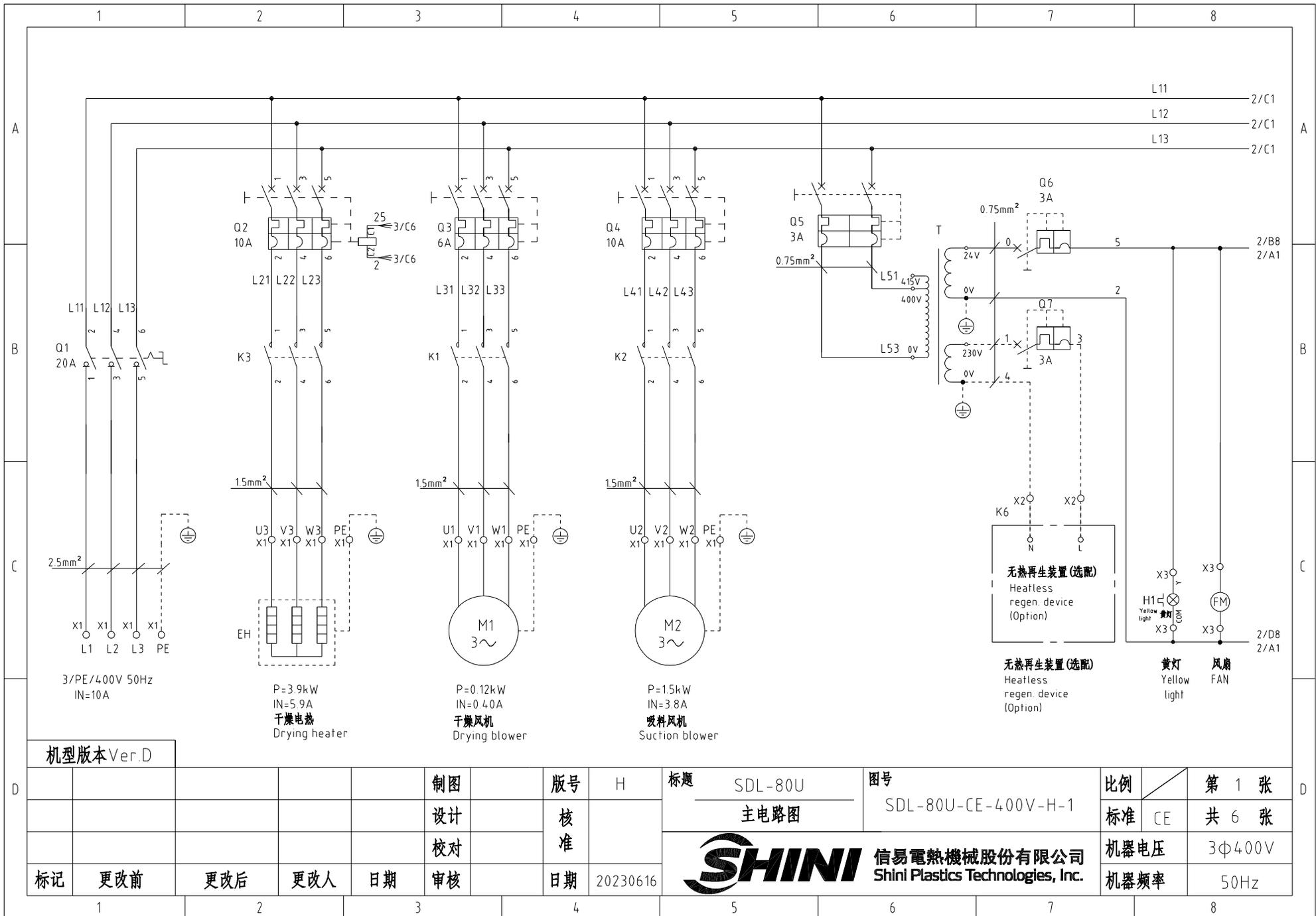
					制图		版号	H	标题	SDL-40U	图号	比例	第 3 张
					设计		核		通讯接口接线图	SDL-40U-CE-400V-H-3	标准	CE	共 6 张
					校对		准						
标记	更改前	更改后	更改人	日期	审核		日期	20230614	信易电热机械股份有限公司 Shini Plastics Technologies, Inc.	机器电压	3Φ400V		
										机器频率	50Hz		



机型版本 Ver.E

				制图		版号 H		标题 SDL-40U 电气元件布置图		图号 SDL-40U-CE-400V-H-4		比例 标准 CE		第 4 张 共 6 张	
				设计		核准		SHINI 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		机器频率		50Hz	

1		2		3		4		5		6		7		8	
序号/NO.	符号/Symbol	名称/Name		制造商/Manufacturer		型号/Type		规格/Specification		数量/Number	物料编号/Material number		备注/Remark		
1	Q1	主电源开关/Main power switch		EATON		TO-2-1/EA/SVB		20A		1	YE10021160000				
2	Q2 Q3	断路器/Circuit breaker		TECO		BM-63C/3006S		6A		2	YE40300603000				
3	Q4	断路器/Circuit breaker		TECO		BM-63C/3016S		16A		1	YE40301603000				
4	Q5	断路器/Circuit breaker		TECO		BM-63C/2003S 3A 2P		3A		1	YE40200203000				
5	Q6	断路器/Circuit breaker		TECO		BM-63C/1003S 3A 1P		3A		1	YE40100203000				
6	Q7	断路器/Circuit breaker		TECO		BM-63C/1003S 3A 1P		3A		1	YE40100203000		(3)		
7		励磁脱扣器/Excitation release		YIJIN		MX		24V 50/60Hz		1	YE40024000000				
8	K1	交流接触器/AC Contactor		SIEMENS		3RT6015-1AB01		24V 50/60Hz		1	YE00601502500				
9		辅助触点 Auxiliary contactor		SIEMENS		3RH6911		1AA10		1	YE00691110000				
10	K2 K3	交流接触器/AC Contactor		SIEMENS		3RT6016-1AB01		24V 50/60Hz		2	YE00601602500				
11	K4	中间继电器/Middle Relay		Honeywell		GR-2C-AC24V		底座 base PGR-2C-E		1	YE03022400300				
12	T	变压器/Transformer		JIUXIN		IN=400V/415V OUT=24V/230V		120VA 350MA		1	YE70040007300				
13	A1	微电脑控制板·微电脑显示屏 Microprocessor control board·Microprocessor displayer		PUMP		K SF878500B		AC24V		1	YE81878500300				
14	H1	三色警报灯+蜂鸣器 Three-color alarm lamp+ buzzer		SHINI		优先级 Priority		24V 50/60Hz		1	BL90002401520		(1)		
15	S3	露点变送器/Dew-point transducer		VAISALA		DMT141		POWER=24VDC OUT=4-20mA		1	YE90014100100		(1)(2)		
16	S6	通信接口板RS-485(双Dsub-9pin接头) Communication interface board RS-485 (double Dsub-9pin connector)		YUYUN		----		----		1	YE90048501200				
17		外壳RS485(SAL-7000-A-19)0版 Shell RS485(SAL-7000-A-19)0		BINCHENG		----		----		1	YR40048500000				
18	X1 X2 X3	端子排/Terminal board		HONEYWELL		SK4		4mm ²		16	YE60000403200				
19		端子排/Terminal board		HONEYWELL		GK5PE		4mm ² PE		4	YE60000403500				
20		端子排/Terminal board		HONEYWELL		SK2.5		2.5mm ²		22	YE60002503200				
21		端子排/Terminal board		HONEYWELL		GK2.5PE		2.5mm ² PE		2	YE60002503400				
22		端子排/Terminal board		HONEYWELL		SK2.5		2.5mm ²		2	YE60002503200		(3)		
23		终端面定件E/GK系列 Terminal fittings E/GK series		HONEYWELL		E		GK		5	YE60000003900				
24	X4 X5	重载接头/Heavy Duty Connector		Harting		4P+PE(母座 Female)Han 4A-F		4P		2	YE68000401400		(1)		
25	S4	温度保护器/Overheat protector		EGO		----		115-320°		1	----		(1)		
机型版本 Ver.E		注: (1)表示非电控箱内材料 (2)表示选配露点计 (3)表示选配无热再生装置-HD Notes: (1)Means it's not the material inside the control box. (2)Means accessories for Dew-point transducer. (3)Means optional heatless regen. device-HD.													
				制图		版号 H		标题 SDL-40U		图号 SDL-40U-CE-400V-H-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		日期 20230614		 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		机器频率		50Hz	
1		2		3		4		5		6		7		8	



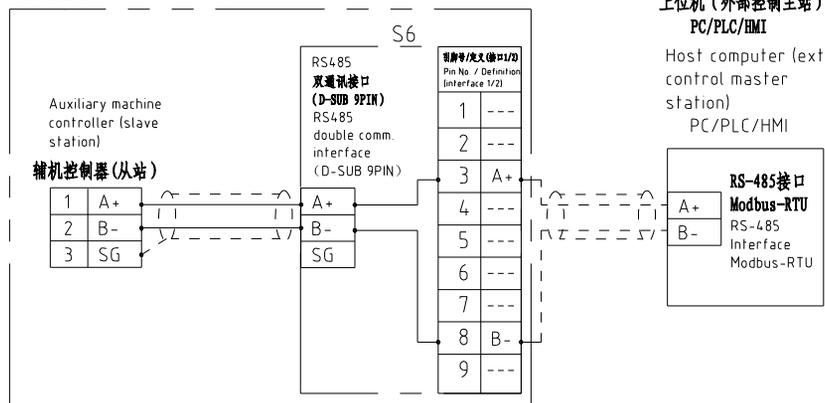
机型版本 Ver.D

					制图	版号	H	标题	SDL-80U	图号	SDL-80U-CE-400V-H-1	比例	第 1 张
					设计	核准		主电路图		标准	CE	共 6 张	
					校对	核准		 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	20230616			机器频率	50Hz		

信易辅机RS-485通讯接线示意图

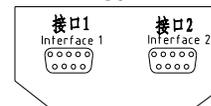
Shini auxiliary machine RS-485 comm. wiring diagram

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



信易RS-485接口定义
Shini RS-485 interface
definition

S6



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	-

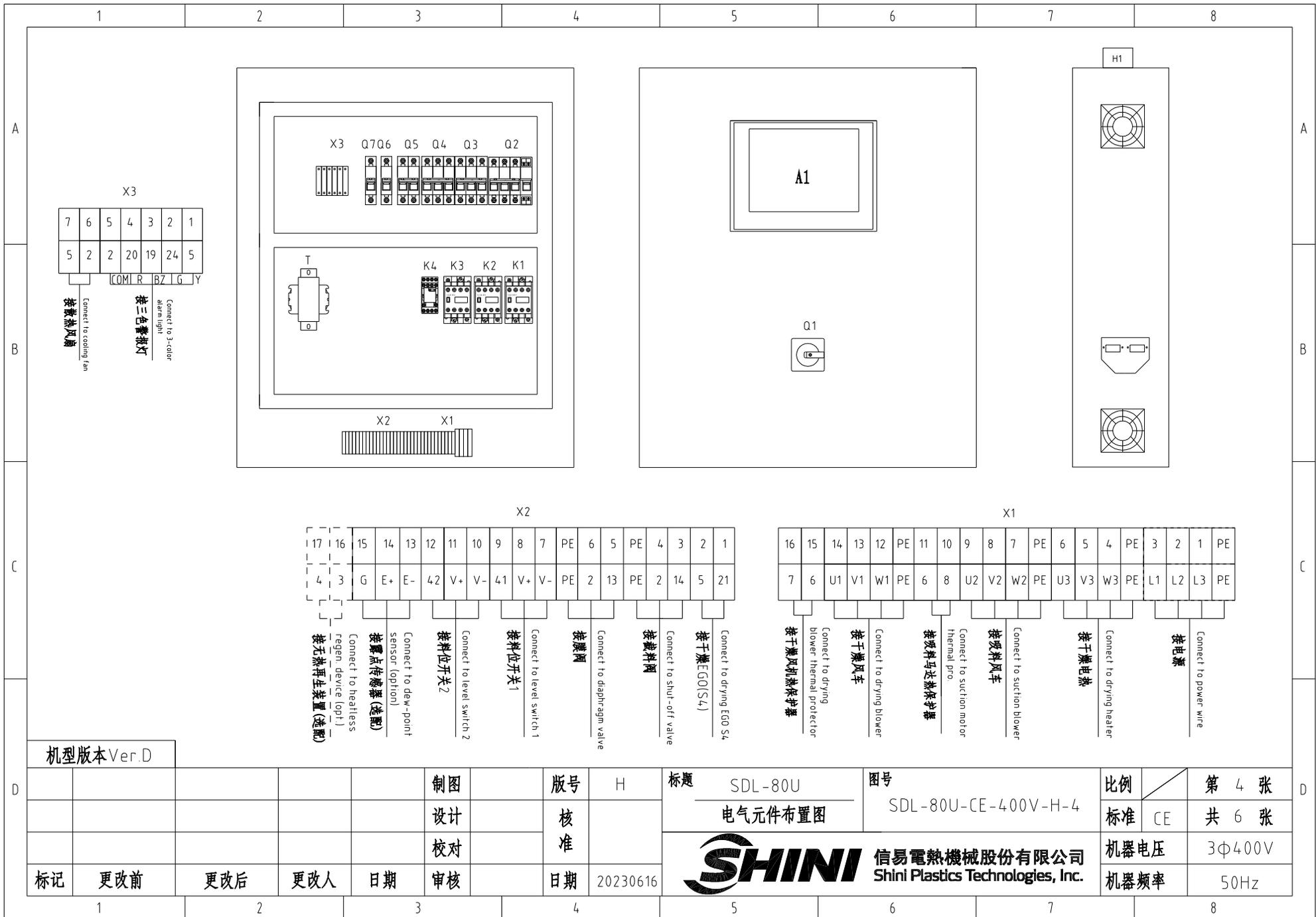
- 注: 1. 通讯接口: RS-485 (两线式)
2. 通讯协议: Modbus-RTU
3. 机器配备D-sub9母接头, 接口1和接口2内部并联, 功能相同, 不分主次;

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.D

						制图	版号	H	标题	SDL-80U	图号	比例	第 3 张
						设计	核		通讯接口接线图	SDL-80U-CE-400V-H-3	标准	CE	共 6 张
						校对	准						
标记	更改前	更改后	更改人	日期	审核	日期	20230616		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			

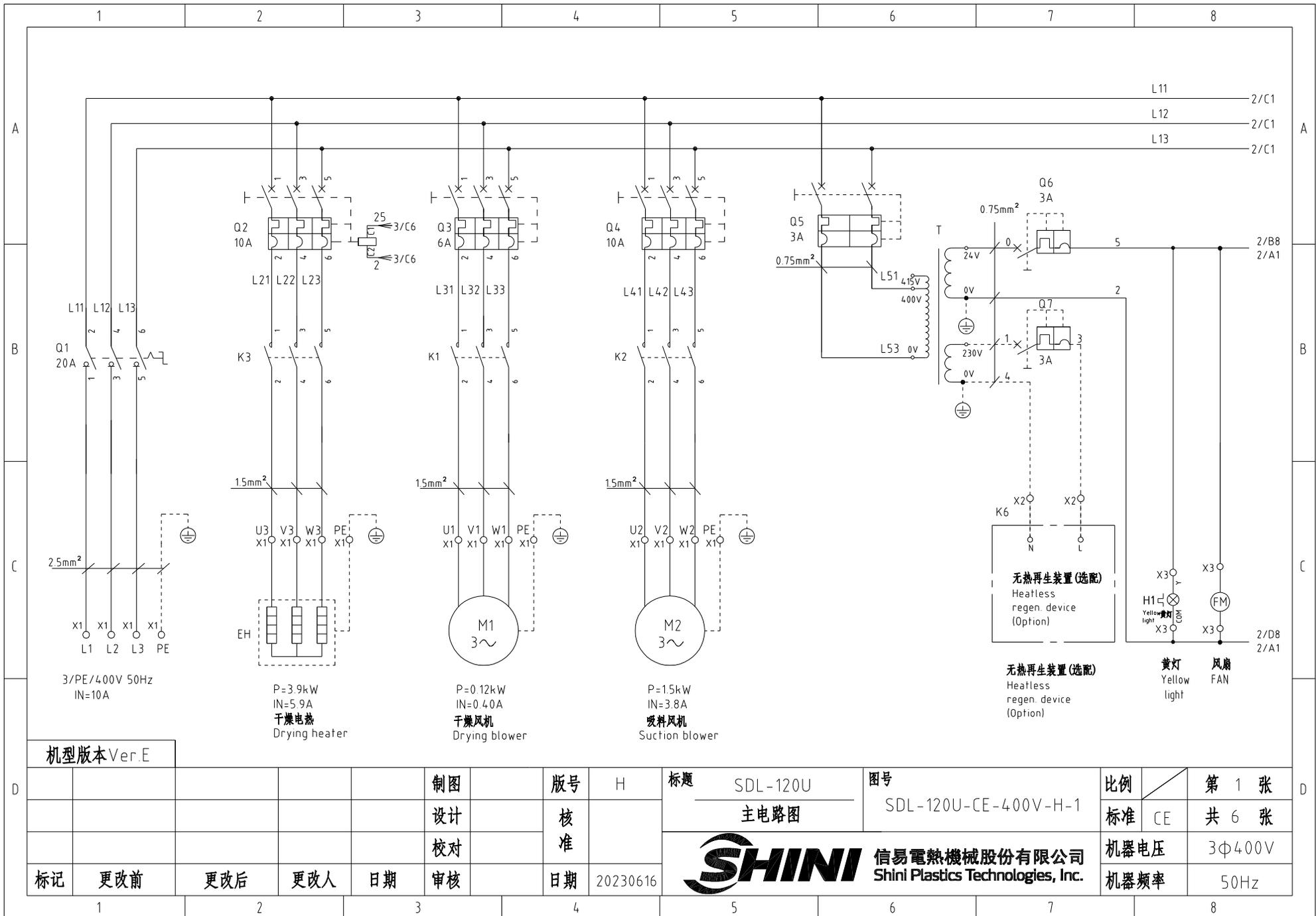


机型版本 Ver.D

标记	更改前	更改后	更改人	日期	制图	版号	H	标题	SDL-80U 电气元件布置图	图号	SDL-80U-CE-400V-H-4	比例	第 4 张
					设计	核准						标准	共 6 张
					校对							机器电压	3φ400V
					审核	日期	20230616					机器频率	50Hz



1		2		3		4		5		6		7		8		
序号/NO.	符号/Symbol	名称/Name	制造商/Manufacturer	型号/Type	规格/Specification	数量/Number	物料编号/Material number	备注/Remark								
1	Q1	主电源开关/Main power switch	EATON	T0-2-1/EA/SVB	20A	1	YE10021160000									
2	Q2 Q4	断路器/Circuit breaker	TECO	BM-63C/3010S	10A	2	YE40301003000									
3	Q3	断路器/Circuit breaker	TECO	BM-63C/3006S	6A	1	YE40300603000									
4	Q5	断路器/Circuit breaker	TECO	BM-63C/2003S 3A 2P	3A	1	YE40200203000									
5	Q6	断路器/Circuit breaker	TECO	BM-63C/1003S 3A 1P	3A	1	YE40100203000									
6	Q7	断路器/Circuit breaker	TECO	BM-63C/1003S 3A 1P	3A	1	YE40100203000	(3)								
7		励磁脱扣器/Excitation release	YIJIN	MX	24V 50/60Hz	1	YE40024000000									
8	K1	交流接触器/AC Contactor	SIEMENS	3RT6015-1AB01	24V 50/60Hz	1	YE00601502500									
9		辅助触点 Auxiliary contactor	SIEMENS	3RH6911	1AA10	1	YE00691110000									
10	K2 K3	交流接触器/AC Contactor	SIEMENS	3RT6016-1AB01	24V 50/60Hz	2	YE00601602500									
11	K4	中间继电器/Middle relay	Honeywell	GR-2C-AC24V	底座 base PGR-2C-E	1	YE03022400300									
12	T	变压器/Transformer	JIUXIN	IN=400V/415V OUT=24V/230V	120VA 350MA	1	YE70040007300									
13	A1	微电脑控制板·微电脑显示屏 Microprocessor control board·Microprocessor displayer	PUMP	K SF878500B	AC24V	1	YE81878500300									
14	H1	三色警报灯+蜂鸣器 Three-color alarm lamp+ buzzer	SHINI	优先级 Priority	24V 50/60Hz	1	BL90002401520	(1)								
15	S3	露点变送器/Dew-point transducer	VAISALA	DMT141	POWER=24 VDC OUT=4-20mA	1	YE90014100100	(1)(2)								
16	S6	通信接口板RS-485 (双Dsub-9pin接头) Communication interface board RS-485 (double Dsub-9pin connector)	YUYUN	----	----	1	YE90048501200									
17		外壳RS485 (9AL-7000-A-19) 0版 Shell RS485(SAL-7000-A-19)0	BINCHENG	----	----	1	YR40048500000									
18	X1 X2 X3	端子排/Terminal board	HONEYWELL	SK4	4mm ²	16	YE60000403200									
19		端子排/Terminal board	HONEYWELL	GK5PE	4mm ² PE	4	YE60000403500									
20		端子排/Terminal board	HONEYWELL	SK2.5	2.5mm ²	22	YE60002503200									
21		端子排/Terminal board	HONEYWELL	GK2.5PE	2.5mm ² PE	2	YE60002503400									
22		端子排/Terminal board	HONEYWELL	SK2.5	2.5mm ²	2	YE60002503200	(3)								
23		终端固定件E/GK系列 Terminal fittings E/GK series	HONEYWELL	E	GK	5	YE60000003900									
24	X4 X5	重载接头/Heavy Duty Connector	Harting	4P+PE(母座 Female)Han 4A-F	4P	2	YE68000401400	(1)								
25	S4	温度保护器/Overheat protector	EGO	----	115-320°	1	----	(1)								
机型版本 Ver.D		注: (1)表示非电控箱内材料 (2)表示选配露点计 (3)表示选配无热再生装置-HD Notes: (1)Means it's not the material inside the control box. (2)Means accessories for Dew-point transducer. (3)Means optional heatless regen. device-HD.														
				制图			版号	H	标题	SDL-80U	图号			比例	第 5 张	
				设计			核		电气元件明细表一	SDL-80U-CE-400V-H-5		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		3φ400V			
标记	更改前	更改后	更改人	日期	审核	日期	20230616	机器频率			50Hz					
1		2		3		4		5		6		7		8		



机型版本 Ver.E

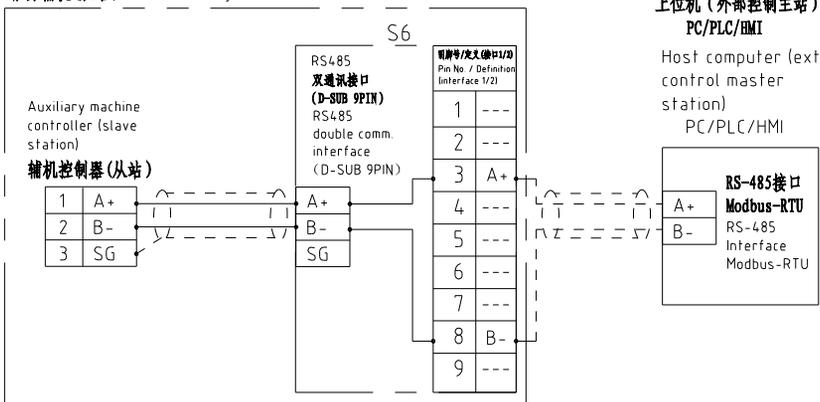
D	制图	版号	H	标题	SDL-120U	图号	SDL-120U-CE-400V-H-1	比例	第 1 张
	设计	核准			主电路图		标准	CE	共 6 张
	校对	核准					机器电压	3Φ400V	
	标记	更改前	更改后	更改人	日期	20230616	机器频率	50Hz	



信易辅机RS-485通讯接线示意图

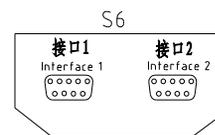
Shini auxiliary machine RS-485 comm. wiring diagram

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:

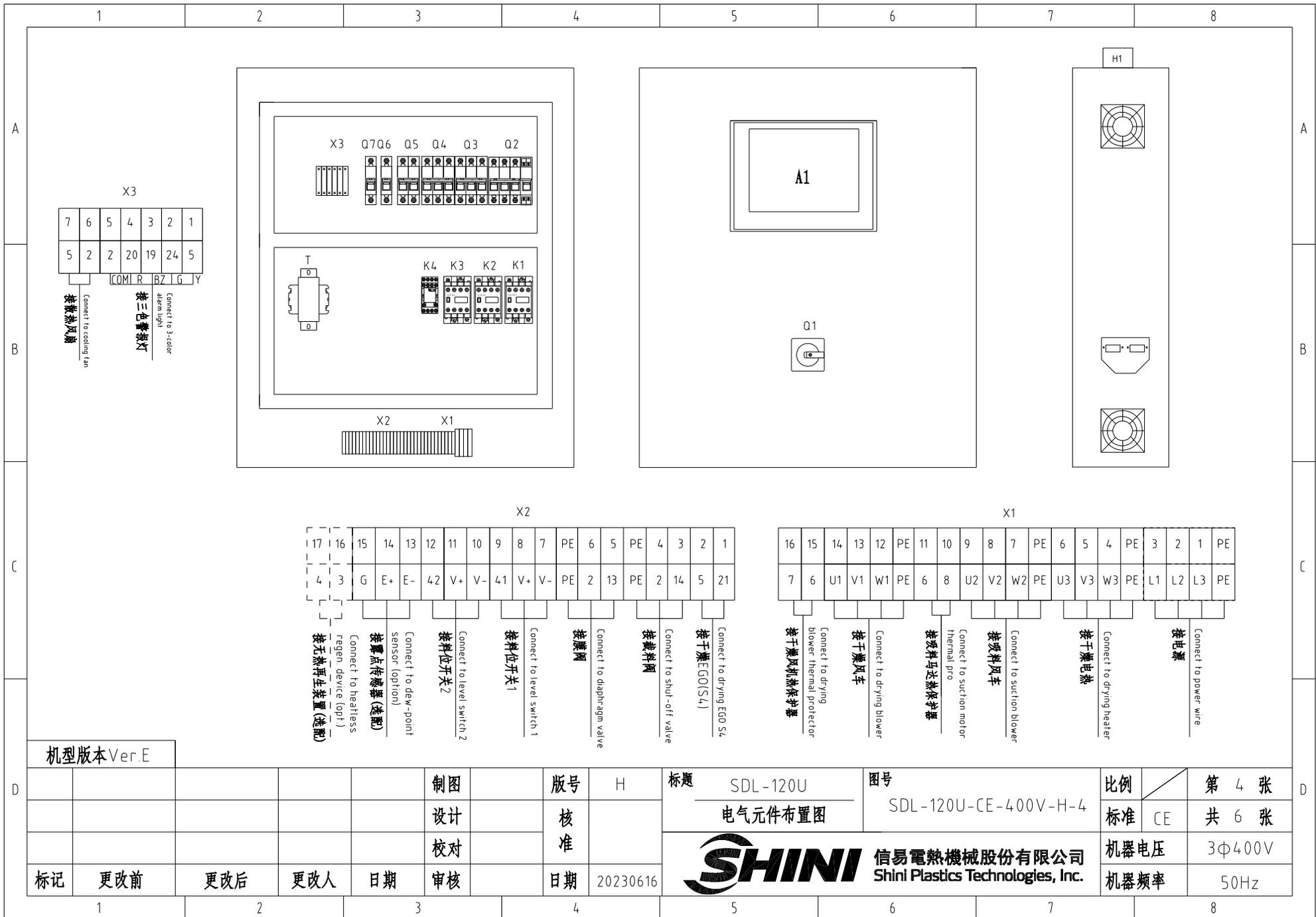
1. Comm. interface: RS-485 (two wire)

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.E

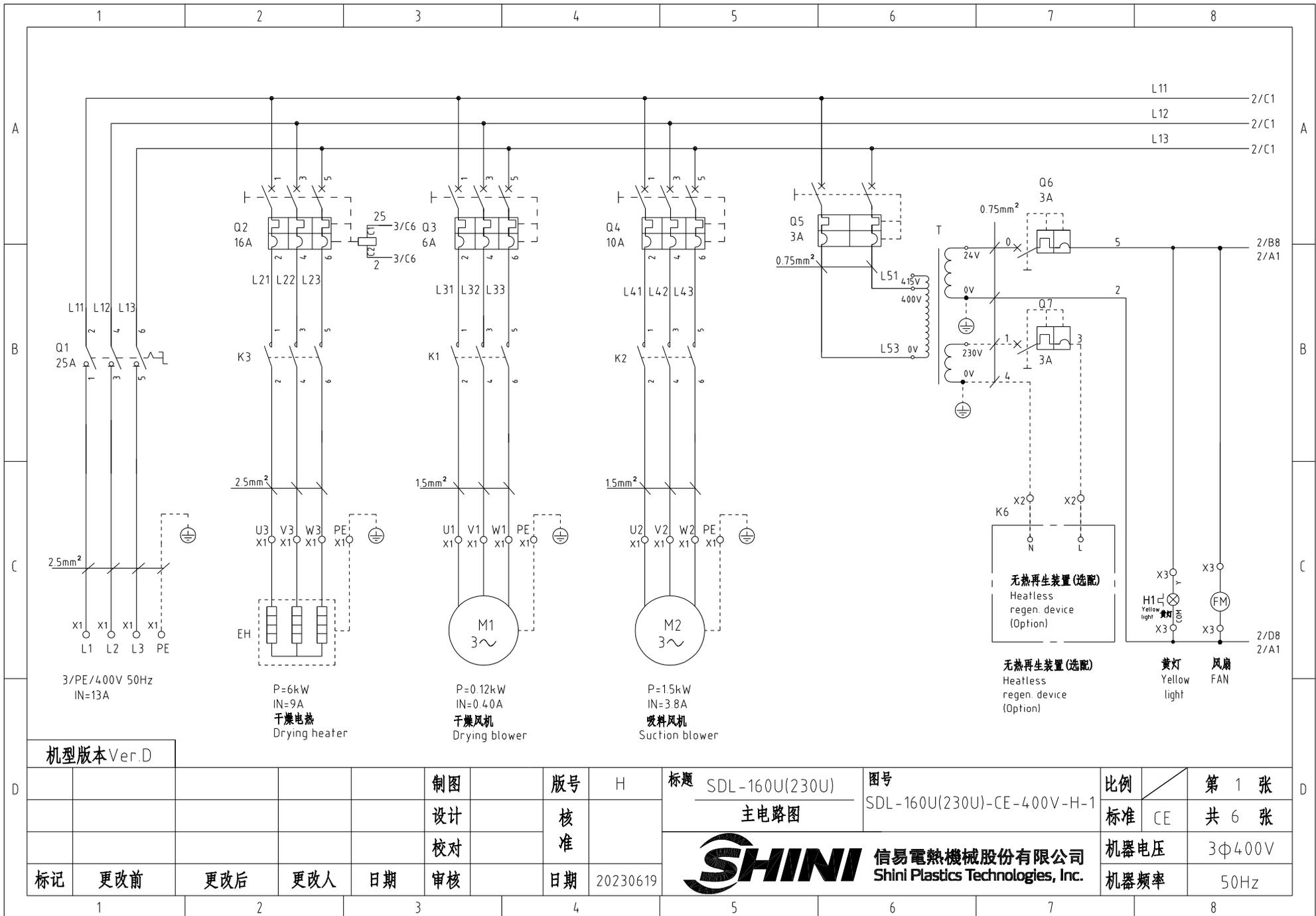
						制图	版号	H	标题	SDL-120U	图号	比例	第 3 张
						设计	核		通讯接口接线图	SDL-120U-CE-400V-H-3	标准	CE	共 6 张
						校对	准		信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.	机器电压	3φ400V		
标记	更改前	更改后	更改人	日期	审核	日期	20230616	机器频率		50Hz			



机型版本 Ver.E

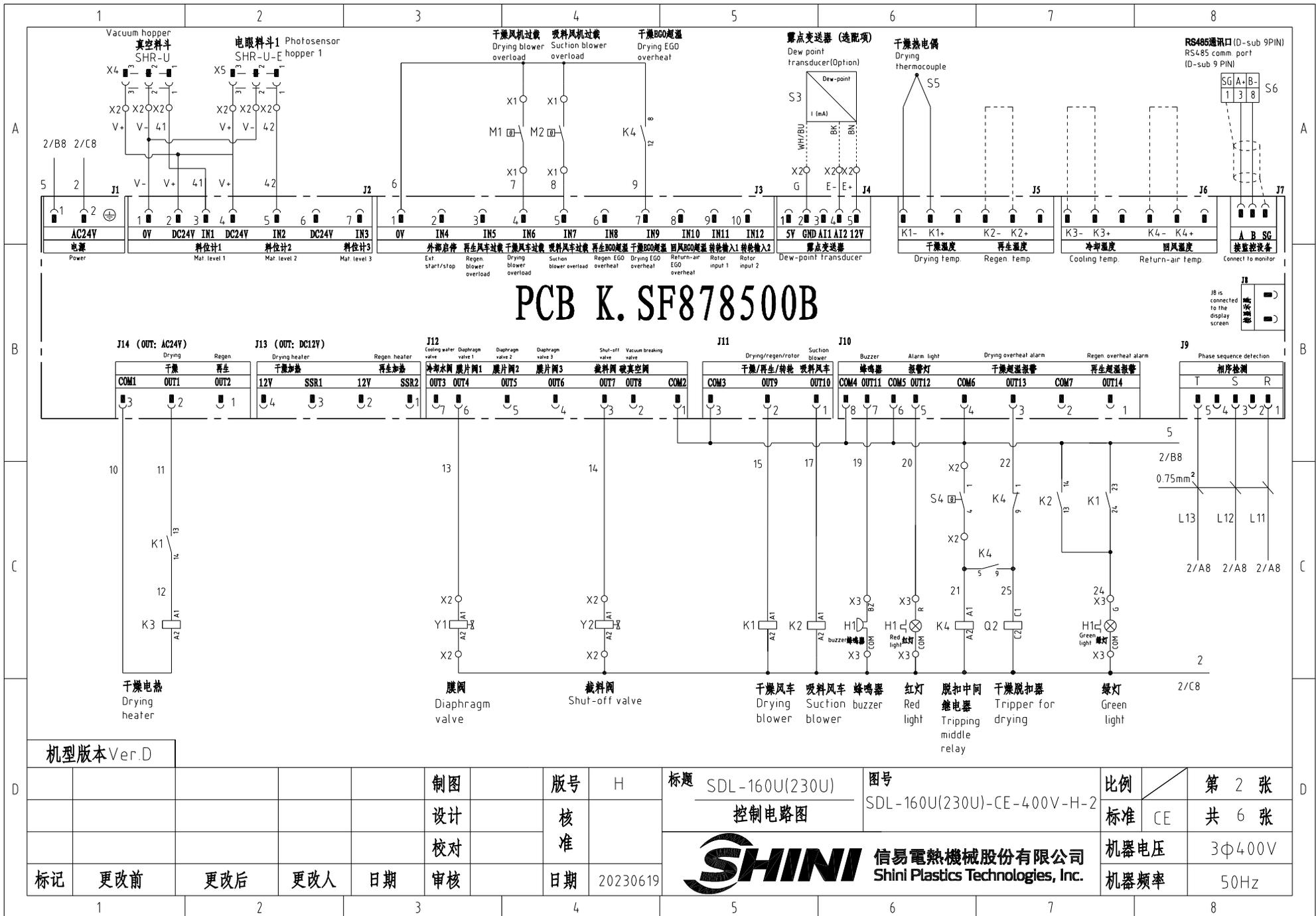
					制图	版号	H	标题	SDL-120U	图号	SDL-120U-CE-400V-H-4	比例	第 4 张
					设计	核准		电气元件布置图		标准	CE	共 6 张	
					校对			 信易电热机械股份有限公司 Shini Plastics Technologies, Inc.		机器电压	3φ400V		
标记	更改前	更改后	更改人	日期	审核	日期	20230616		机器频率	50Hz			

1		2		3		4		5		6		7		8		
序号/NO.	符号/Symbol	名称/Name	制造商/Manufacturer	型号/Type	规格/Specification	数量/Number	物料编号/Material number	备注/Remark								
1	Q1	主电源开关/Main power switch	EATON	T0-2-1/EA/SVB	20A	1	YE10021160000									
2	Q2 Q4	断路器/Circuit breaker	TECO	BM-63C/3010S	10A	2	YE40301003000									
3	Q3	断路器/Circuit breaker	TECO	BM-63C/3006S	6A	1	YE40300603000									
4	Q5	断路器/Circuit breaker	TECO	BM-63C/2003S 3A 2P	3A	1	YE40200203000									
5	Q6	断路器/Circuit breaker	TECO	BM-63C/1003S 3A 1P	3A	1	YE40100203000									
6	Q7	断路器/Circuit breaker	TECO	BM-63C/1003S 3A 1P	3A	1	YE40100203000	(3)								
7		励磁脱扣器/Excitation release	YIJIN	MX	24V 50/60Hz	1	YE40024000000									
8	K1	交流接触器/AC Contactor	SIEMENS	3RT6015-1AB01	24V 50/60Hz	1	YE00601502500									
9		辅助触点 Auxiliary contactor	SIEMENS	3RH6911	1AA10	1	YE00691110000									
10	K2 K3	交流接触器/AC Contactor	SIEMENS	3RT6016-1AB01	24V 50/60Hz	2	YE00601602500									
11	K4	中间继电器/Middle relay	Honeywell	GR-2C-AC24V	底座 base PGR-2C-E	1	YE03022400300									
12	T	变压器/Transformer	JIUXIN	IN=400V/415V OUT=24V/230V	120VA 350MA	1	YE70040007300									
13	A1	微电脑控制板-微电脑显示屏 Microprocessor control board-Microprocessor displayer	PUMP	K SF878500B	AC24V	1	YE81878500300									
14	H1	三色警报灯+蜂鸣器 Three-color alarm lamp+ buzzer	SHINI	优先级 Priority	24V 50/60Hz	1	BL90002401520	(1)								
15	S3	露点变送器/Dew-point transducer	VAISALA	DMT141	POWER=24 VDC OUT=4-20mA	1	YE90014100100	(1)(2)								
16	S6	通信接口板RS-485 (双Dsub-9pin接头) Communication interface board RS-485 (double Dsub-9pin connector)	YUYUN	----	----	1	YE90048501200									
17		外壳RS485 (SAL-7000-A-19) 0版 Shell RS485(SAL-7000-A-19)0	BINCHENG	----	----	1	YR40048500000									
18	X1 X2 X3	端子排/Terminal board	HONEYWELL	SK4	4mm ²	16	YE60000403200									
19		端子排/Terminal board	HONEYWELL	GK5PE	4mm ² PE	4	YE60000403500									
20		端子排/Terminal board	HONEYWELL	SK2.5	2.5mm ²	22	YE60002503200									
21		端子排/Terminal board	HONEYWELL	GK2.5PE	2.5mm ² PE	2	YE60002503400									
22		端子排/Terminal board	HONEYWELL	SK2.5	2.5mm ²	2	YE60002503200	(3)								
23		终端固定件E/GK系列 Terminal fittings E/GK series	HONEYWELL	E	GK	5	YE60000003900									
24	X4 X5	重载接头/Heavy Duty Connector	Harting	4P+PE(母座 Female)Han 4A-F	4P	2	YE68000401400	(1)								
25	S4	温度保护器/Overheat protector	EGO	----	115-320°	1	----	(1)								
机型版本 Ver.E		注: (1)表示非电控箱内材料 (2)表示选配露点计 (3)表示选配无热再生装置-ED Notes: (1)Means it's not the material inside the control box (2)Means accessories for Dew-point transducer. (3)Means optional heatless regen. device-ED.														
				制图			版号	H	标题	SDL-120U	图号			比例	第 5 张	
				设计			核		电气元件明细表一	SDL-120U-CE-400V-H-5		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	3φ400V			
标记	更改前	更改后	更改人	日期	审核	日期	20230616			机器频率	50Hz					
1		2		3		4		5		6		7		8		



机型版本 Ver.D

					制图	版号	H	标题	SDL-160U(230U)	图号	SDL-160U(230U)-CE-400V-H-1	比例	第 1 张
					设计	核准		主电路图		标准	CE	共 6 张	
					校对	核准		 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	20230619			机器频率	50Hz		



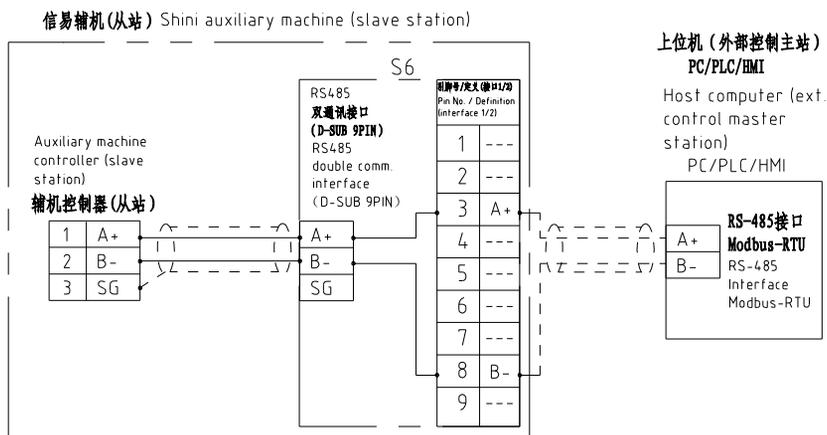
PCB K. SF878500B

机型版本 Ver.D

						制图	版本号	H	标题	SDL-160U(230U)	图号	SDL-160U(230U)-CE-400V-H-2	比例	第 2 张
						设计	核准		控制电路图		标准	CE	共 6 张	
						校对	核准		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	20230619	机器频率			50Hz			

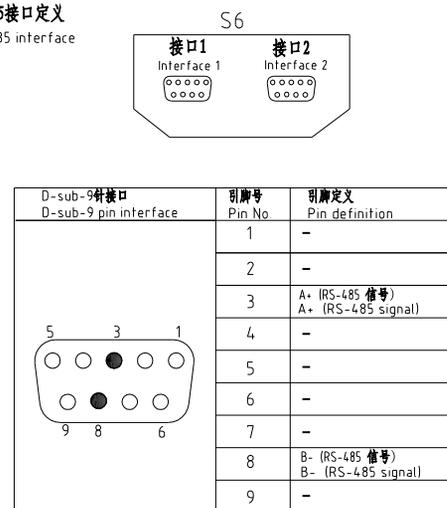
信易辅机RS-485通讯接线示意图

Shini auxiliary machine RS-485 comm. wiring diagram



信易RS-485接口定义

Shini RS-485 interface definition



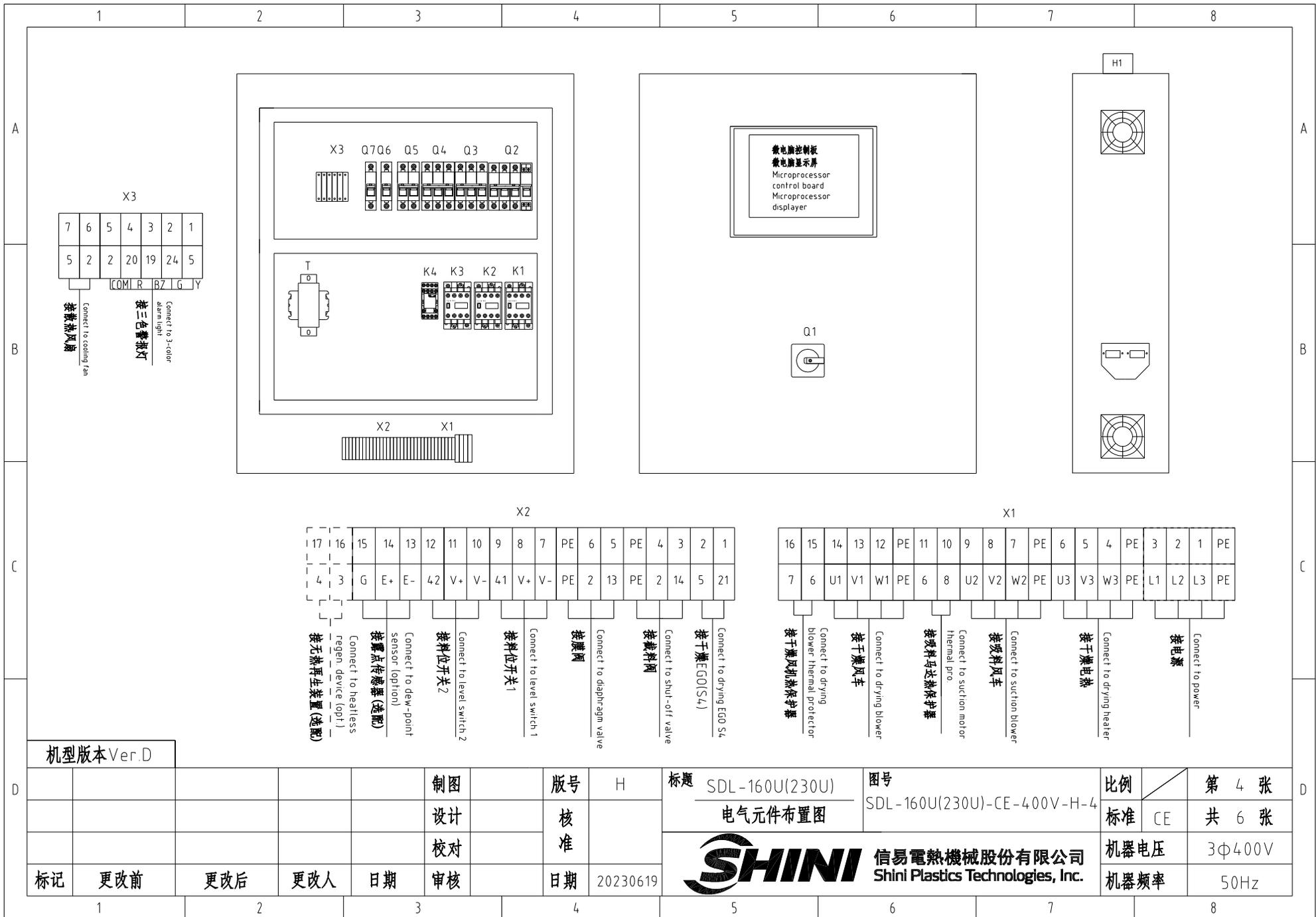
- 注: 1. 通讯接口: RS-485 (两线式)
2. 通讯协议: Modbus-RTU
3. 机器配备D-sub9母接头, 接口1和接口2内部并联, 功能相同, 不分主次;

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.D

					制图		版号	H	标题	SDL-160U(230U)	图号		比例		第 3 张
					设计		核			通讯接口接线图	SDL-160U(230U)-CE-400V-H-3		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	3φ400V		
标记	更改前	更改后	更改人	日期	审核	日期	20230619				机器频率	50Hz			

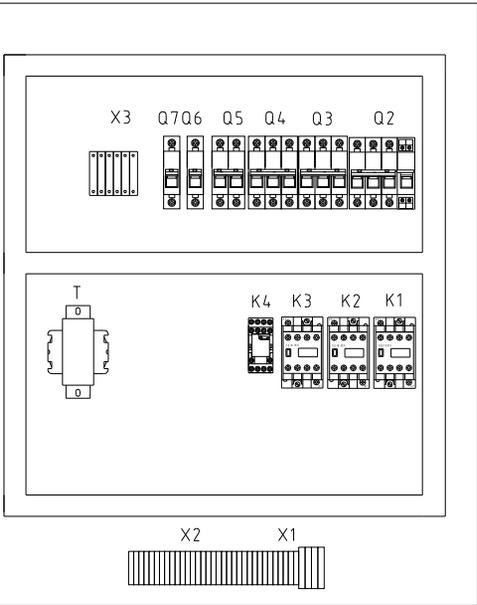


X3

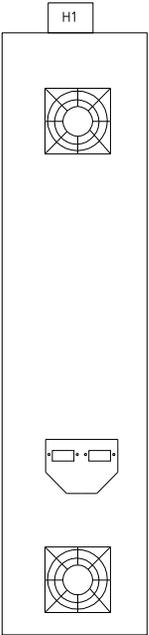
7	6	5	4	3	2	1
5	2	2	20	19	24	5
COM		R	BZ	G	Y	

接散热风扇
Connect to cooling fan

接三色警光灯
Connect to 3-color alarm light



微电脑控制板
微电脑显示屏
Microprocessor control board
Microprocessor display



X2

17	16	15	14	13	12	11	10	9	8	7	PE	6	5	PE	4	3	2	1
4	3	G	E+	E-	42	V+	V-	41	V+	V-	PE	2	13	PE	2	14	5	21

接无热再生装置(选配)
Connect to heatless regen. device (opt.)

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

接料位开关2
Connect to level switch 2

接料位开关1
Connect to level switch 1

接膜阀
Connect to diaphragm valve

接截料阀
Connect to shut-off valve

接干燥EGO(S4)
Connect to drying EGO S4

X1

16	15	14	13	12	PE	11	10	9	8	7	PE	6	5	4	PE	3	2	1	PE
7	6	U1	V1	W1	PE	6	8	U2	V2	W2	PE	U3	V3	W3	PE	L1	L2	L3	PE

接干燥风机热保护罩
Connect to drying blower thermal protector

接干燥风机
Connect to drying blower

接吸料风机
Connect to suction blower

接吸料风机热保护罩
Connect to suction motor thermal pro.

接干燥电热
Connect to drying heater

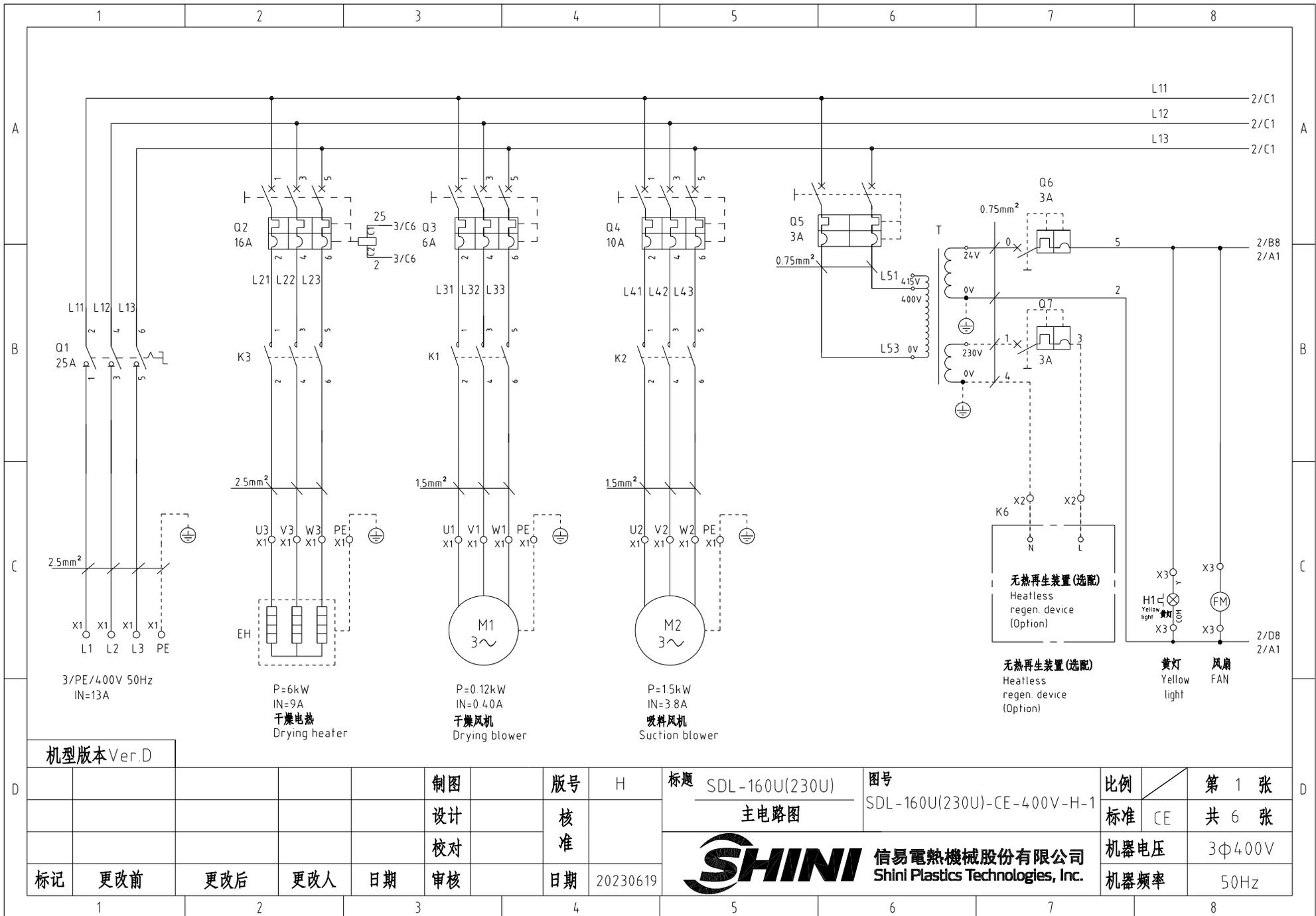
接电源
Connect to power

机型版本 Ver.D

标记	更改前	更改后	更改人	日期	审核	版号	H	标题	SDL-160U(230U) 电气元件布置图	图号	SDL-160U(230U)-CE-400V-H-4	比例	第 4 张 共 6 张
						核准						标准	CE
						日期	20230619					机器电压	3Φ400V
												机器频率	50Hz

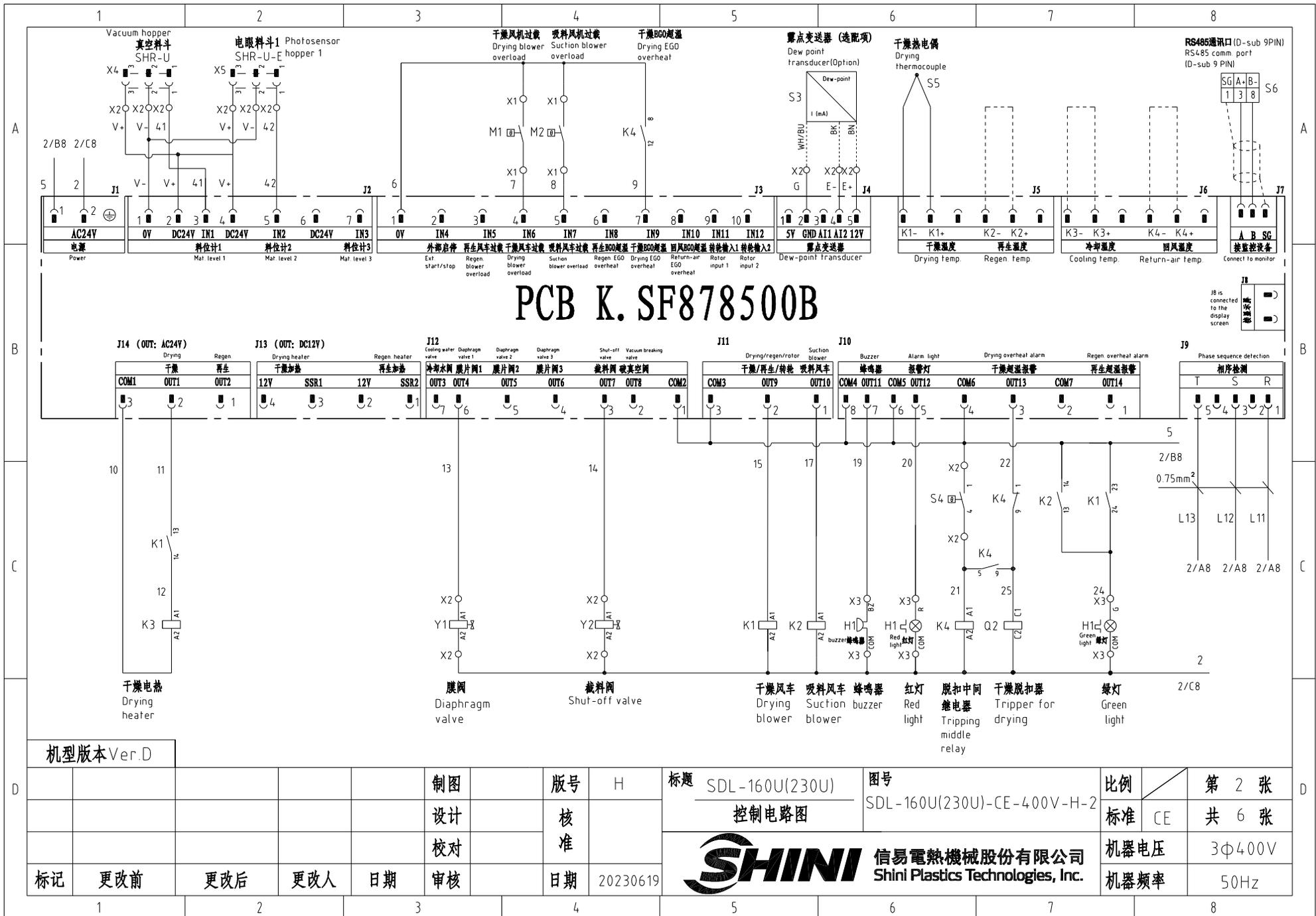
SHINI 信易电热机械股份有限公司
Shini Plastics Technologies, Inc.

1		2		3		4		5		6		7		8	
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	主电源开关/Main power switch		EATON		P1-25/EA/SVB		25A		1	YE10125250000				
2	Q2	断路器/Circuit breaker		TECO		BM-63C/3016S		16A		1	YE40301603000				
3	Q3	断路器/Circuit breaker		TECO		BM-63C/3006S		6A		1	YE40300603000				
4	Q4	断路器/Circuit breaker		TECO		BM-63C/3010S		10A		1	YE40301003000				
5	Q5	断路器/Circuit breaker		TECO		BM-63C/2003S 3A 2P		3A		1	YE40200203000				
6	Q6	断路器/Circuit breaker		TECO		BM-63C/1003S 3A 1P		3A		1	YE40100203000				
7	Q7	断路器/Circuit breaker		TECO		BM-63C/1003S 3A 1P		3A		1	YE40100203000		(3)		
8		励磁脱扣器/Excitation release		YIJIN		MX		24V 50/60Hz		1	YE40024000000				
9	K1	交流接触器/AC contactor		SIEMENS		3RT6015-1AB01		24V 50/60Hz		1	YE00601502500				
10		辅助触点 Auxiliary contactor		SIEMENS		3RH6911		1AA10		1	YE00691110000				
11	K2	交流接触器/AC contactor		SIEMENS		3RT6016-1AB01		24V 50/60Hz		1	YE00601602500				
12	K3	交流接触器/AC contactor		SIEMENS		3RT6018-1AB01		24V 50/60Hz		1	YE00601802500				
13	K4	中间继电器/Middle relay		Honeywell		GR-2C-AC24V		底座 base PGR-2C-E		1	YE03022400300				
14	T	变压器/Transformer		JIUXIN		IN=400V/415V OUT=24V/230V		120VA 350MA		1	YE70040007300				
15	PCB	微电脑控制板-微电脑显示屏 Microprocessor control board+Microprocessor displayer		PUMP		K SF878500B		AC24V		1	YE81878500300				
16	H1	三色警报灯·蜂鸣器 Three-color alarm lamp+ buzzer		SHINI		优先级 Priority		24V 50/60Hz		1	BL90002401520		(1)		
17	S3	露点变送器/Dew-point transducer		VAISALA		DMT141		POWER=24VDC OUT=4-20mA		1	YE90014100100		(1)(2)		
18	S6	通信接口板RS-485(双Dsub-9pin接头) Communication interface board RS-485 (double Dsub-9pin connector)		YUYUN		----		----		1	YE90048501200				
19		外壳RS485(SAL-7000-A-19)0版 Shell RS485(SAL-7000-A-19)0		BINCHENG		----		----		1	YR40048500000				
20	X1 X2 X3	端子排/Terminal board		HONEYWELL		SK4		4mm ²		16	YE60000403200				
21		端子排/Terminal board		HONEYWELL		GK5PE		4mm ² PE		4	YE60000403500				
22		端子排/Terminal board		HONEYWELL		SK2 5		2.5mm ²		22	YE60002503200				
23		端子排/Terminal board		HONEYWELL		GK2 5PE		2.5mm ² PE		2	YE60002503400				
24		端子排/Terminal board		HONEYWELL		SK2 5		2.5mm ²		2	YE60002503200		(3)		
25		终端固定件E/GK系列 Terminal fittings E/GK series		HONEYWELL		E		GK		5	YE60000003900				
机型版本 Ver.D		注: (1)表示非电控箱内材料 (2)表示选配露点计 (3)表示选配无源再生装置-HD Notes: (1)Means it's not the material inside the control box. (2)Means accessories for Dew-point transducer. (3)Means optional heatless regen. device-HD.													
				制图		版号 H		标题 SDL-160U(230U)		图号 SDL-160U(230U)-CE-400V-H-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		3φ400V			
标记		更改前		更改后		更改人				日期		20230619		机器频率	
1		2		3		4		5		6		7		8	



机型版本 Ver.D					制图	版号	H	标题	SDL-160U(230U)	图号	SDL-160U(230U)-CE-400V-H-1	比例	第 1 张
					设计	核准		主电路图		标准	CE	共 6 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	20230619			机器频率	50Hz		





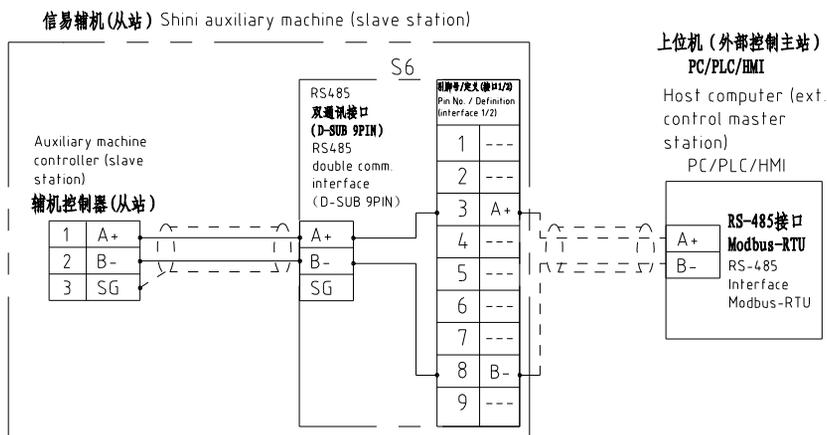
PCB K. SF878500B

机型版本 Ver.D

					制图	版本号	H	标题	图号	比例	第 2 张
					设计	核准		SDL-160U(230U)	SDL-160U(230U)-CE-400V-H-2	标准	共 6 张
					校对	核准		SHINI 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	20230619		机器频率	50Hz	

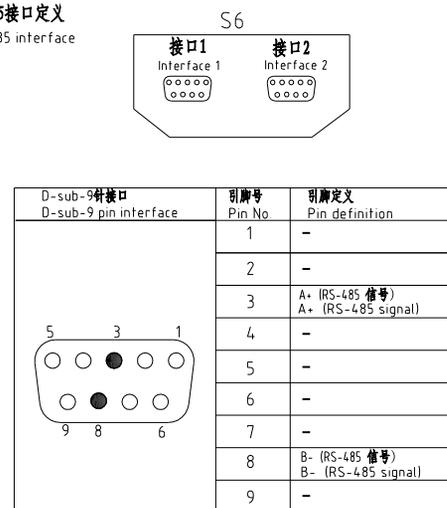
信易辅机RS-485通讯接线示意图

Shini auxiliary machine RS-485 comm. wiring diagram



信易RS-485接口定义

Shini RS-485 interface definition



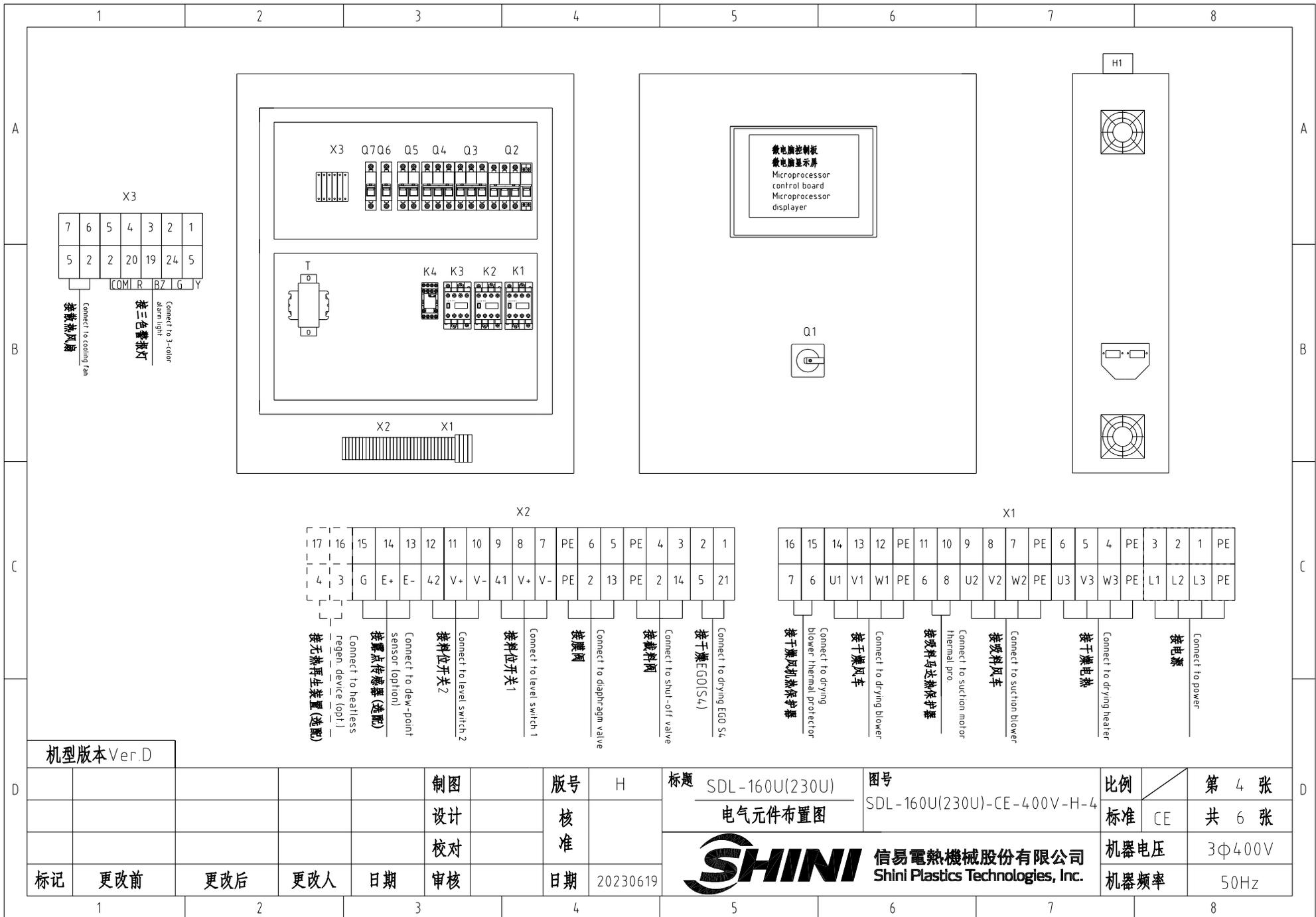
- 注: 1. 通讯接口: RS-485 (两线式)
2. 通讯协议: Modbus-RTU
3. 机器配备D-sub9母接头, 接口1和接口2内部并联, 功能相同, 不分主次;

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.D

					制图		版号	H	标题	SDL-160U(230U)	图号		比例		第 3 张
					设计		核			通讯接口接线图	SDL-160U(230U)-CE-400V-H-3		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	3Φ400V	
标记	更改前	更改后	更改人	日期	审核	日期	20230619							机器频率	50Hz



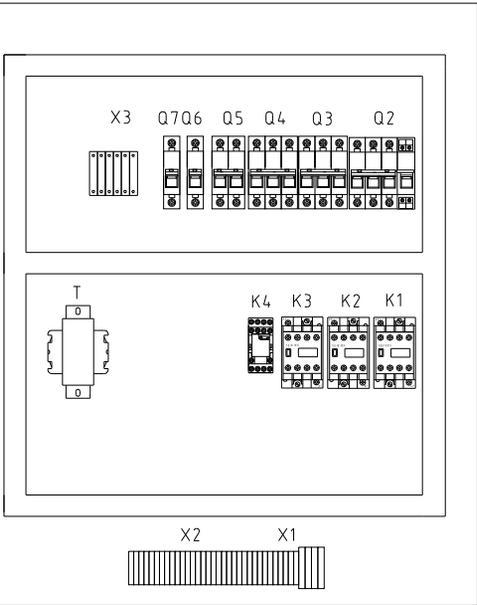
X3

7	6	5	4	3	2	1
5	2	2	20	19	24	5

COM L R B Z I G Y

接散热风扇
Connect to cooling fan

三色警光灯
Connect to 3-color alarm light



微电脑控制板
微电脑显示屏
Microprocessor control board
Microprocessor display



X2

17	16	15	14	13	12	11	10	9	8	7	PE	6	5	PE	4	3	2	1
4	3	G	E+	E-	42	V+	V-	41	V+	V-	PE	2	13	PE	2	14	5	21

接无热再生装置(选配)
Connect to heatless regen. device (opt.)

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

接料位开关2
Connect to level switch 2

接料位开关1
Connect to level switch 1

接膜阀
Connect to diaphragm valve

接截止阀
Connect to shut-off valve

接干燥EGO(S4)
Connect to drying EGO S4

X1

16	15	14	13	12	PE	11	10	9	8	7	PE	6	5	4	PE	3	2	1	PE
7	6	U1	V1	W1	PE	6	8	U2	V2	W2	PE	U3	V3	W3	PE	L1	L2	L3	PE

接干燥风机热保护罩
Connect to drying blower thermal protector

接干燥风机
Connect to drying blower

接吸料风机
Connect to suction blower

接吸料风机热保护罩
Connect to suction motor thermal pro.

接干燥电热
Connect to drying heater

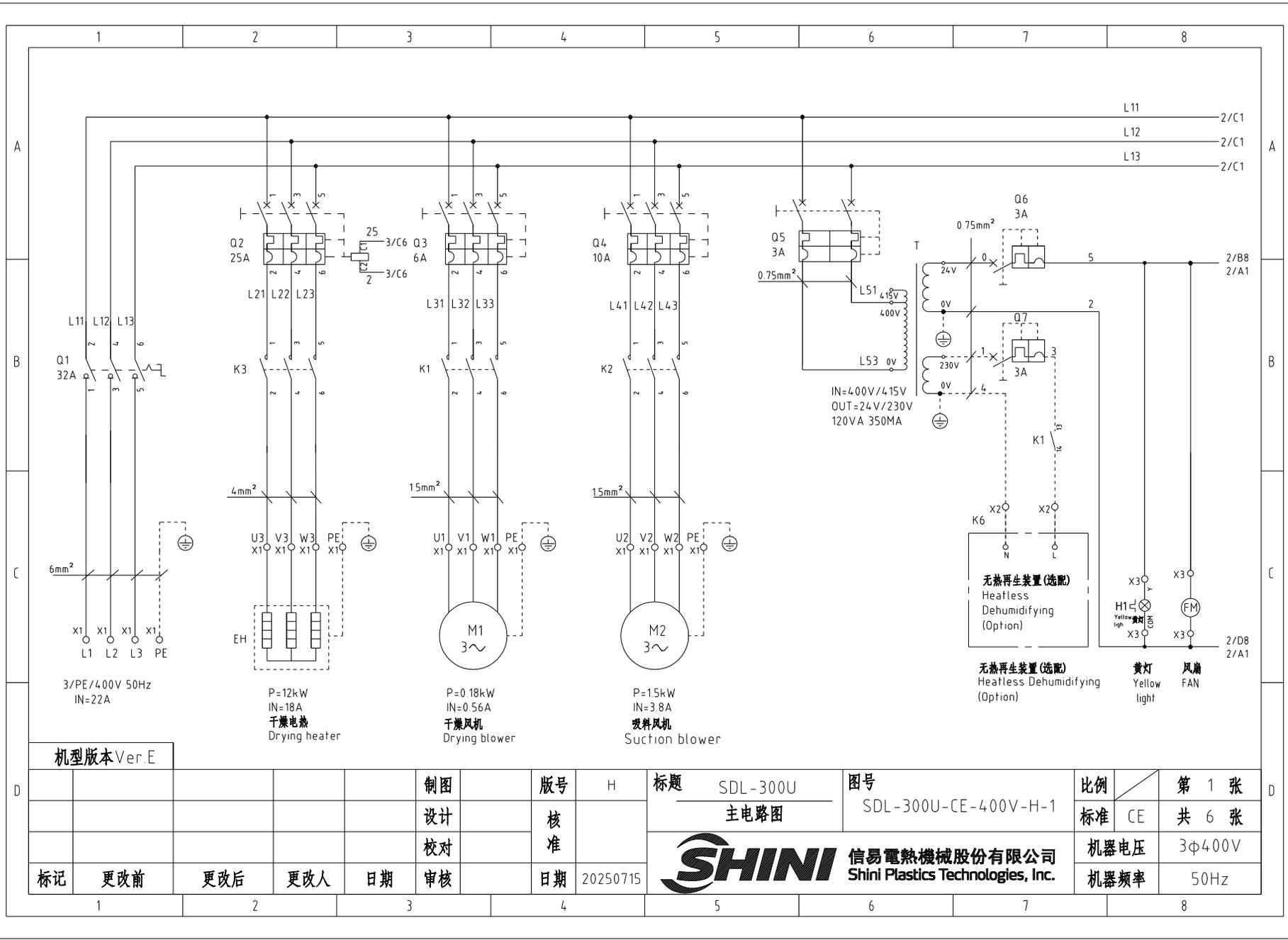
接电源
Connect to power

机型版本 Ver.D

制图	版号	H	标题	SDL-160U(230U)	图号	SDL-160U(230U)-CE-400V-H-4	比例	第 4 张
设计	核准		电气元件布置图			标准	共 6 张	
校对	核准					机器电压	3Φ400V	
标记	更改前	更改后	更改人	日期	20230619	机器频率	50Hz	



1		2		3		4		5		6		7		8	
序号/NO.	符号/Symbol	名称/Name		制造商/Manufacturer		型号/Type		规格/Specification		数量/Number	物料编号/Material number		备注/Remark		
1	Q1	主电源开关/Main power switch		EATON		P1-25/EA/SVB		25A		1	YE10125250000				
2	Q2	断路器/Circuit breaker		TECO		BM-63C/3016S		16A		1	YE40301603000				
3	Q3	断路器/Circuit breaker		TECO		BM-63C/3006S		6A		1	YE40300603000				
4	Q4	断路器/Circuit breaker		TECO		BM-63C/3010S		10A		1	YE40301003000				
5	Q5	断路器/Circuit breaker		TECO		BM-63C/2003S 3A 2P		3A		1	YE40200203000				
6	Q6	断路器/Circuit breaker		TECO		BM-63C/1003S 3A 1P		3A		1	YE40100203000				
7	Q7	断路器/Circuit breaker		TECO		BM-63C/1003S 3A 1P		3A		1	YE40100203000		(3)		
8		励磁脱扣器/Excitation release		YIJIN		MX		24V 50/60Hz		1	YE40024000000				
9	K1	交流接触器/AC contactor		SIEMENS		3RT6015-1AB01		24V 50/60Hz		1	YE00601502500				
10		辅助触点 Auxiliary contactor		SIEMENS		3RH6911		1AA10		1	YE00691110000				
11	K2	交流接触器/AC contactor		SIEMENS		3RT6016-1AB01		24V 50/60Hz		1	YE00601602500				
12	K3	交流接触器/AC contactor		SIEMENS		3RT6018-1AB01		24V 50/60Hz		1	YE00601802500				
13	K4	中间继电器/Middle relay		Honeywell		GR-2C-AC24V		底座 base PGR-2C-E		1	YE03022400300				
14	T	变压器/Transformer		JIUXIN		IN=400V/415V OUT=24V/230V		120VA 350MA		1	YE70040007300				
15	PCB	微电脑控制板-微电脑显示屏 Microprocessor control board+Microprocessor displayer		PUMP		K SF878500B		AC24V		1	YE81878500300				
16	H1	三色警报灯·蜂鸣器 Three-color alarm lamp+ buzzer		SHINI		优先级 Priority		24V 50/60Hz		1	BL90002401520		(1)		
17	S3	露点变送器/Dew-point transducer		VAISALA		DMT141		POWER=24VDC OUT=4-20mA		1	YE90014100100		(1)(2)		
18	S6	通信接口板RS-485(双Dsub-9pin接头) Communication interface board RS-485 (double Dsub-9pin connector)		YUYUN		----		----		1	YE90048501200				
19		外壳RS485(SAL-7000-A-19)0版 Shell RS485(SAL-7000-A-19)0		BINCHENG		----		----		1	YR40048500000				
20	X1 X2 X3	端子排/Terminal board		HONEYWELL		SK4		4mm ²		16	YE60000403200				
21		端子排/Terminal board		HONEYWELL		GK5PE		4mm ² PE		4	YE60000403500				
22		端子排/Terminal board		HONEYWELL		SK2 5		2.5mm ²		22	YE60002503200				
23		端子排/Terminal board		HONEYWELL		GK2 5PE		2.5mm ² PE		2	YE60002503400				
24		端子排/Terminal board		HONEYWELL		SK2 5		2.5mm ²		2	YE60002503200		(3)		
25		终端固定件E/GK系列 Terminal fittings E/GK series		HONEYWELL		E		GK		5	YE60000003900				
机型版本 Ver.D		注: (1)表示非电控箱内材料 (2)表示选配露点计 (3)表示选配无源再生装置-HD Notes: (1)Means it's not the material inside the control box. (2)Means accessories for Dew-point transducer. (3)Means optional heatless regen. device-HD.													
				制图		版号 H		标题 SDL-160U(230U)		图号 SDL-160U(230U)-CE-400V-H-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		3φ400V			
标记		更改前		更改后		更改人				日期		20230619		机器频率	
1		2		3		4		5		6		7		8	



3/PE/400V 50Hz
IN=22A

P=12kW
IN=18A
干燥电热
Drying heater

P=0.18kW
IN=0.56A
干燥风机
Drying blower

P=1.5kW
IN=3.8A
吸料风机
Suction blower

无热再生装置(选配)
Heatless
Dehumidifying
(Option)

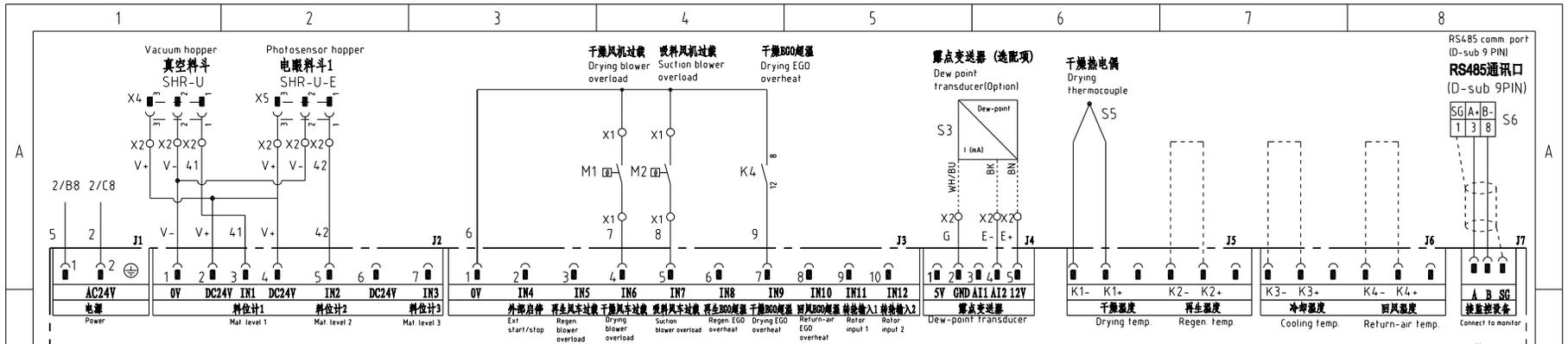
无热再生装置(选配)
Heatless Dehumidifying
(Option)

黄灯
Yellow
light

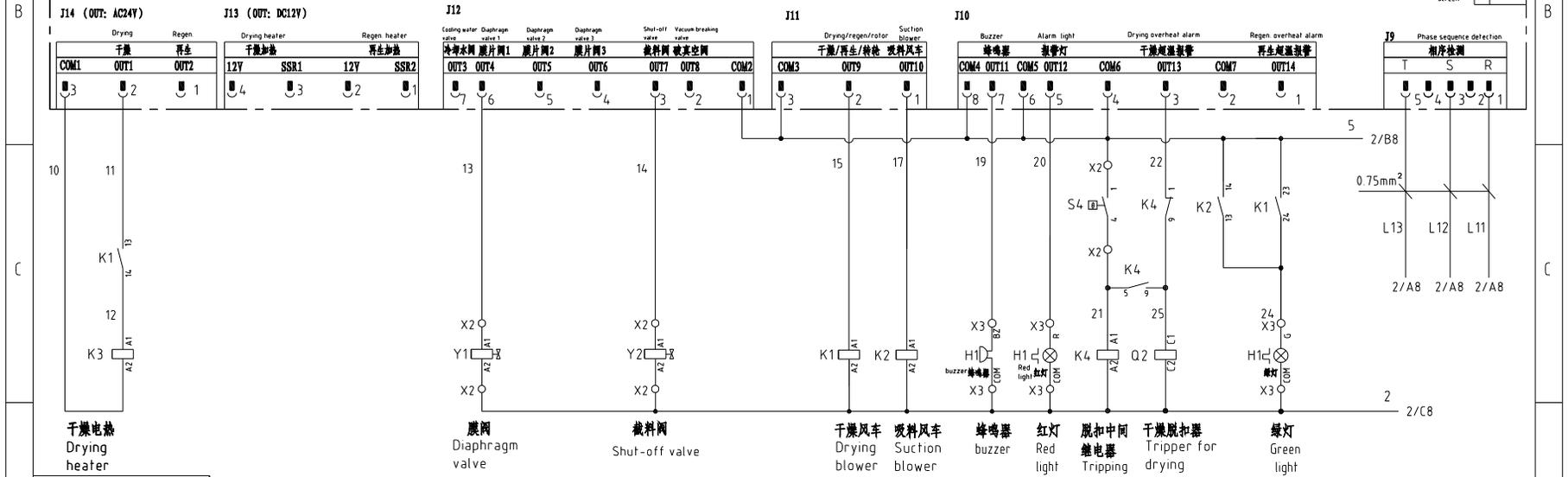
风扇
FAN

机型版本 Ver.E

			制图	版号	H	标题	SDL-300U 主电路图	图号	SDL-300U-CE-400V-H-1	比例	第 1 张
			设计	核准						标准	共 6 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	20250715	 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				

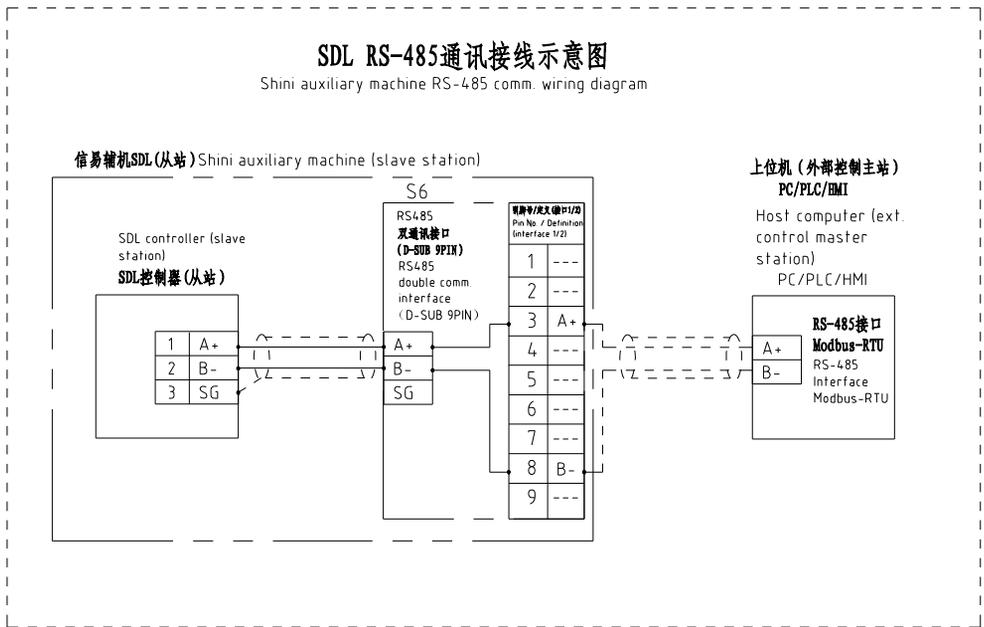


A1 K. SF878500C. 01



机型版本 Ver.E					标题 SDL-300U 控制电路图					图号 SDL-300U-CE-400V-H-2					比例 第 2 张	
制图					版号 H					标准 CE					共 6 张	
设计					核准					机器电压 3φ400V					机器频率 50Hz	
校对					日期 20250715					SHINI 信易电热机械股份有限公司 Shini Plastics Technologies, Inc.						
标记	更改前	更改后	更改人	日期	审核	日期										

SDL 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

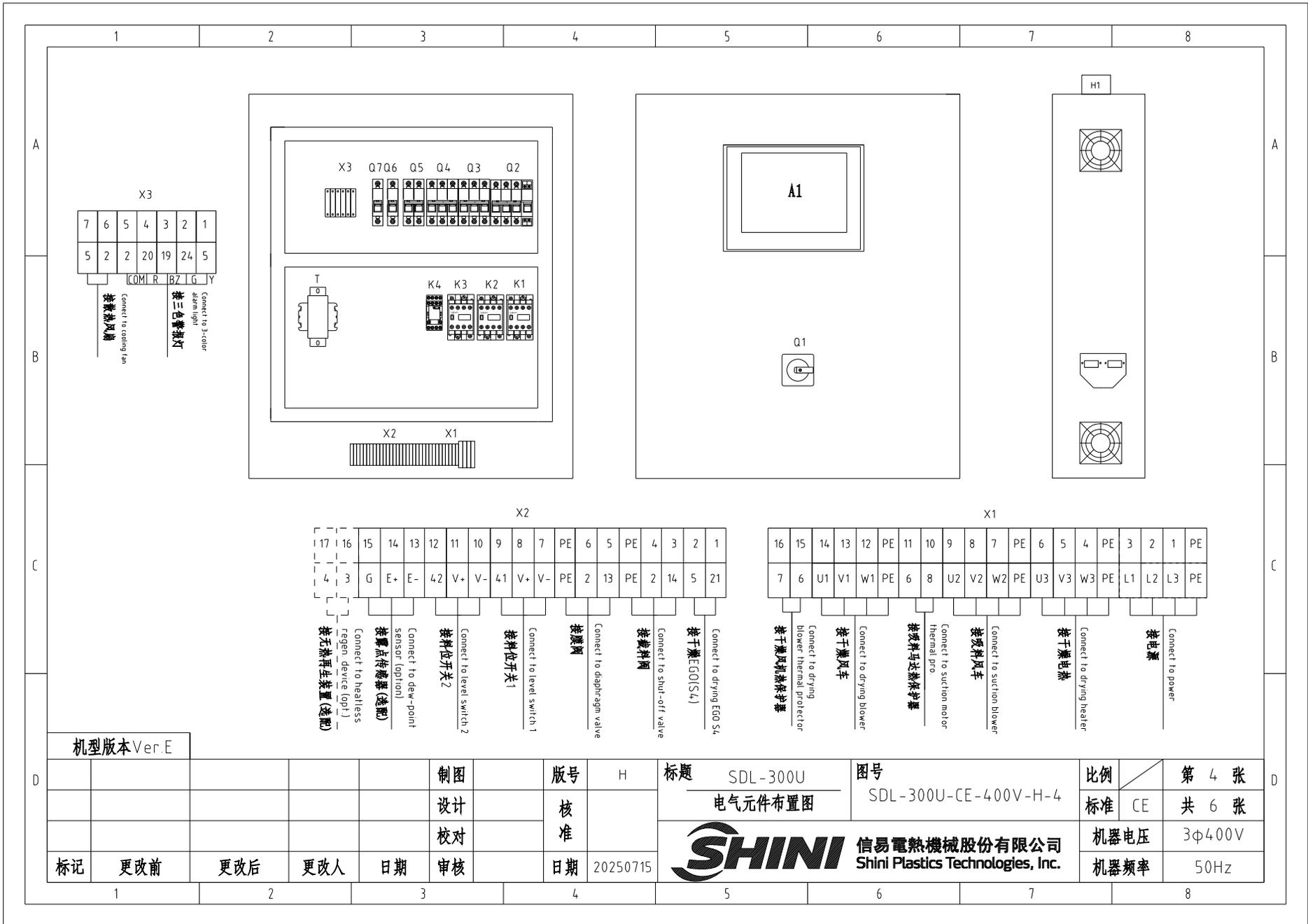
D-sub-9针接口 D-sub-9 pin interface	引脚号 Pin No.	引脚定义 Pin definition
	1	-
	2	-
	3	A+ (RS-485 信号) A+ (RS-485 signal)
	4	-
	5	-
	6	-
	7	-
	8	B- (RS-485 信号) B- (RS-485 signal)
	9	-

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等接头, 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.E

			制图	版号	H	标题	SDL-300U	图号	SDL-300U-CE-400V-H-3	比例	第 3 张
			设计	核准		通讯接口接线图		标准	CE	共 6 张	
			校对	日期	20250715		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				机器频率	50Hz	



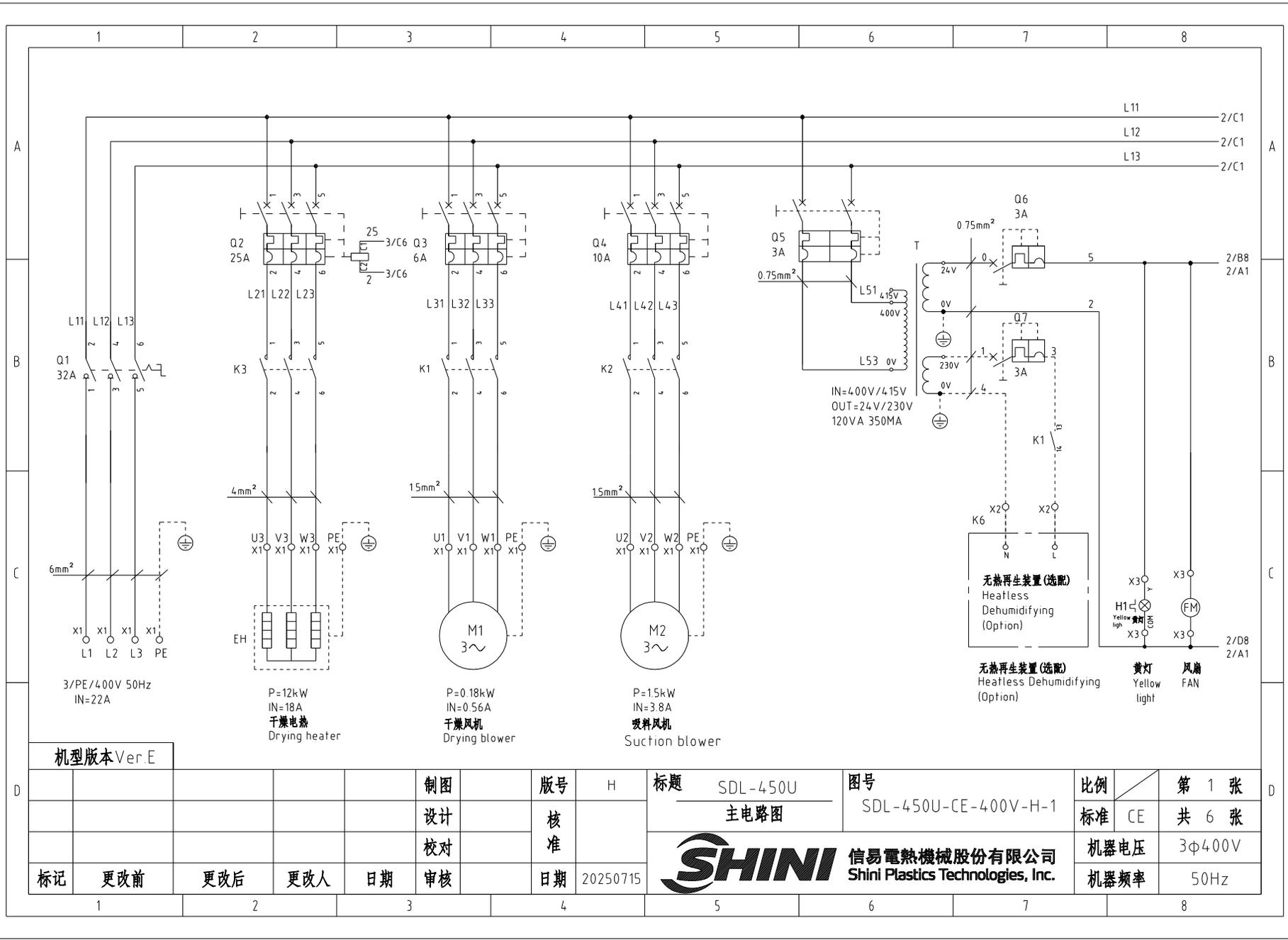
机型版本 Ver.E

				制图		版号	H	标题	SDL-300U 电气元件布置图	图号	SDL-300U-CE-400V-H-4	比例	第 4 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	机器电压	3φ400V
标记	更改前	更改后	更改人	日期	审核	日期	20250715		机器频率	50Hz			

1 2 3 4 5 6 7 8

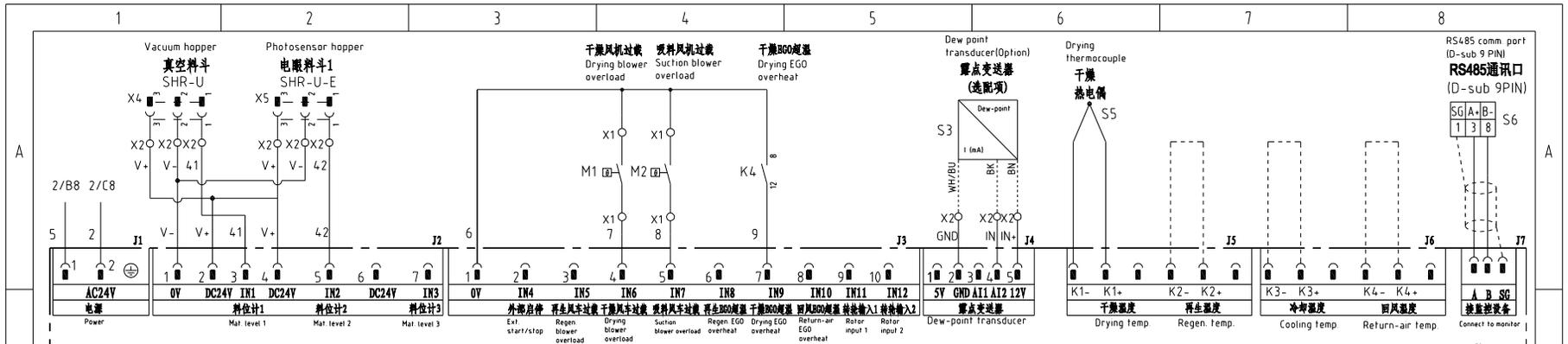
1		2		3		4		5		6		7		8	
序号/NO	符号/Symbol	名称/Name		制造商/Manufacturer		型号/Type		规格/Specification		单位/unit	数量/Number	物料编号/Material number		备注/Remark	
A	1	Q1	主電源開關 Main power switch P1-32/EA/SVB 32A(EATON)		EATON		P1-32/EA/SVB		32A		PCS	1	YE10323200000		
	2	Q2	斷路器 circuit breaker BM-63MC/3025 25A 3P(TECO)		TECO		BM-63C/3025		25A		PCS	1	YE40302503000		
	3	Q3	斷路器 circuit breaker BM-63MC/3006 6A 3P(TECO)		TECO		BM-63C/3006S		6A		PCS	1	YE40300603000		
	4	Q4	斷路器 circuit breaker BM-63MC/3010 10A 3P(TECO)		TECO		BM-63C 3P		10A		PCS	1	YE40301003000		
	5	Q5	斷路器 circuit breaker BM-63MC/2003 3A 2P(TECO)		TECO		BM-63C/2003S 3A 2P		3A		PCS	1	YE40200203000		
	6	Q6	斷路器 circuit breaker BM-63MC/1003 3A 1P(TECO)		TECO		BM-63C/1003S 3A 1P		3A		PCS	2	YE40100203000		
	7	Q7	勵磁脫扣器 excitation release MX(24VAC)		TECO		BM-63C/1003S 3A 1P		3A		PCS	1	YE40024000000		(3)
B	8		交流接觸器 AC Contactor 3RT6015-1AB01-24VAC		TECO		MX		24V 50/60Hz		PCS	1	YE00601502500		
	9	K1	輔助觸點 Auxiliary contactor 3RH6911-1AA10		SIEMENS		3RT6015-1AB01		24V 50/60Hz		PCS	1	YE00691110000		
	10		輔助触点 Auxiliary contactor		SIEMENS		3RH6911		1HA22		PCS	1	YE00691100000		(3)
	11		交流接觸器 AC Contactor 3RT6016-1AB01-24VAC		SIEMENS		3RH6911		1HA22		PCS	1	YE00601602500		(3)
	12	K2	交流接觸器 AC Contactor 3RT6027-1AC20-24VAC		SIEMENS		3RT6016-1AB01		24V 50/60Hz		PCS	1	YE00602702600		
	13	K3	中間繼電器GR-2C-AC24V(底座PGR-2C-E)(Honeywell) Middle relay GR-2C-AC24V socket PGR-2C-E (Honeywell)		SIEMENS		3RT6027-1AC20		24V 50/60Hz		PCS	1	YE03022400300		
	14	K4	互感變壓器 Sensor transformer 400V/415V 00T=24V 20VA/230V 350MA		Honeywell		GR-2C-AC24V		底座 BASE PGR-2C-E		PCS	1	YE70040007300		
15	T	控制器K SF878500C 0(用于SCD/SDD/SDL-U)邦普 Controller K.SF878500C.1 (for SCD/SDD/SDL-U) Bangpu		JIUXIN		IN=400V/415V OUT=24V/230V		120VA 350MA		PCS	1	YE80878501400			
C	16	A1	三色警報燈(紅綠黃優先順序+蜂鳴器)SWI-P-AC/DC24 Tri color alarm light (red, green, yellow priority order+ buzzer) SWI-P-AC/DC24		PUMP		优先级 Priority		24V 50/60Hz		PCS	1	BL90002401520		(1)
	17	H1	通信接口板RS-485(雙Dsub-9pin接頭) Communication interface board RS-485 (double Dsub-9pin connector)		SHINI		SWI-P-AC/DC24		24V 50/60Hz		PCS	1	YE90048501200		(1)
	18	S6	外殼RS485(SAL-700G-A-1910版 Shell RS485(SAL-700G-A-1910		YUYUN		----		----		PCS	1	YR40048500000		
	19		接線端子GK6(霍尼韋爾) Terminal GK6 (Honeywell)		BINCHENG		GK6		---		PCS	3	YE60000603200		
	20	X1 X2 X3	接地端子GK6PE(霍尼韋爾) Grounding terminal GK6PE (Honeywell)		HONEYWELL		GK6		6mm ²		PCS	1	YE60000603500		
	21		彈簧接線端子SK4(霍尼韋爾) Spring wiring terminal SK4 (Honeywell)		HONEYWELL		GK6PE		6mm ² PE		PCS	13	YE60000403200		
	22		接地端子GK5PE(霍尼韋爾) Grounding terminal GK5(honeywell)		HONEYWELL		SK4		4mm ²		PCS	3	YE60000403500		
	23		彈簧接線端子SK2.5(霍尼韋爾) Spring wiring terminal SK2.5 (Honeywell)		HONEYWELL		SK2.5		2.5mm ²		PCS	24	YE60002503200		
	24		接地端子GK2.5PE(霍尼韋爾) Grounding terminal GK2.5(honeywell)		HONEYWELL		GK2.5PE		2.5mm ² PE		PCS	2	YE60002503400		
	25		終端固定件E/GK系列 Terminal fittings E/GK series		HONEYWELL		SK2.5 E		GK		PCS	5	YE60000003900		
机型版本 Ver.E		注: (1)表示非電櫃內材料 (2)表示透濕露點計 (3)表示透濕露點再生裝置-HD Notes: (1)Means it 's not the material inside the control box. (2)Means accessories for Dew-point transducer. (3)Means optional heatless regen. device-HD.													
D					制圖		版号	H	标题	SDL-300U	图号	SDL-300U-CE-400V-H-5		比例	第 5 张
					设计		核准		控制箱SDL-300U-3吨,元件明细表/400V/50HZ (B)			标准	CE	共 6 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	20250715			信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		机器频率	50Hz	
1		2		3		4		5		6		7		8	

1		2		3		4		5		6		7		8	
序号/NO	符号/Symbol	名称/Name		制造商/Manufacturer		型号/Type		规格/Specification		单位/unit	数量/Number	物料编号/Material number		备注/Remark	
26		重载接头/Heavy Duty Connector		HONEYWELL		4P+PE(母座)Han 4A-F		4P		PCS	2	YE68000401400		(1)	
27		電纜線 Cable 6.0*4C*5M		HONEYWELL		SK2.5 E		GK		PCS	1	BE51060400350			
A 28	X4 X5	電線 Cable 1.5*1C黑色 blk.		Harting		4P+PE(母座)Han 4A-F		4P		PCS	4	YE50015100000		(1)	
29	S3	電線4.0*1C黑色軟線 Wire 4.0 * 1C black flexible wire		VAISALA		DMT141		POWER=24VDC OUT=4-20mA		PCS	4	YE50040100000		(1) (2)	
30	S4	電線6.0*1C (黃綠線) Wire 6.0 * 1C (yellow green line)		EGO		----		115-320°		PCS	0.2	YE50601000300		(1)	
31	S5	電線0.75*1C藍色 Wire 0.75 * 1C blue		SHINI		ST-K		K		PCS	22	YE50750100600		(1)	
32	FM	電線0.75*1C*200M紅色 Wire 0.75 * 1C * 200m red		SUNON		----		M		PCS	30	YE50750100000		(1)	
33	Y1,Y2	地線1.5*1C*100M黃綠線 Wire 1.5 * 1C * 100M yellow green line		----		SK2.5		M		PCS	5	YE50125140300		(1)	
34	M1	電線6.0*1C黑色軟線 Wire 6.0*1C black/soft wire		SHINI		----		M		PCS	10	YE50060140200		(1)	
35	M2	電線0.75*3C*100M(全部黑線) Wire 0.75*3C*100m (all black wires)		SHINI		----		----		PCS	10.5	YE50075300300		(1)	
B 36	EH	電線0.75*2C*100M(棕/藍)/圓心 Wire 0.75*2C*100M (brown/blue)		SHINI		----		M		PCS	1.6	YE50750200100		(1)	
Notes: (1)Means it 's not the material inside the control box. (2)Means accessories for Dew-point transducer. (3)Means optional heatless regen. device-HD															
机型版本 Ver.E		注: (1)表示非电控箱内材料 (2)表示选配露点计 (3)表示选配无热再生装置-HD													
D					制图		版本号	H	标题	SDL-300U	图号		比例	第 6 张	
					设计		核		电气元件明细表二	SDL-300U-CE-400V-H-6		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	3φ400V			
	标记	更改前	更改后	更改人	日期	审核	日期	20250715		机器频率	50Hz				
1		2		3		4		5		6		7		8	

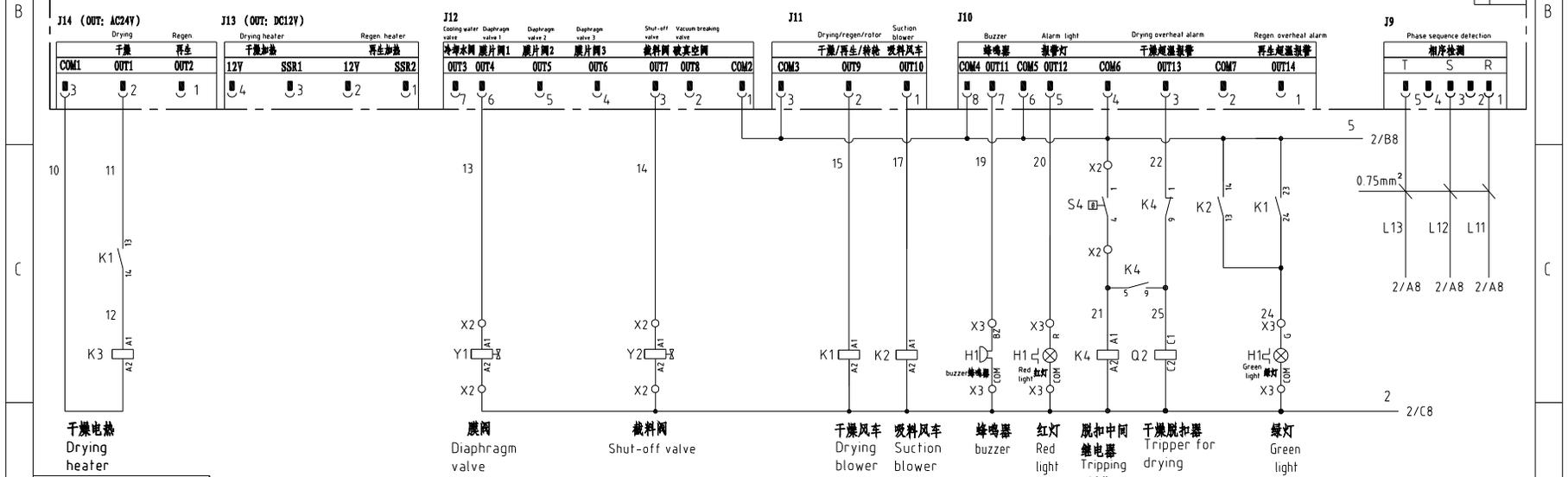


机型版本 Ver.E

			制图	版号	H	标题	SDL-450U 主电路图	图号	SDL-450U-CE-400V-H-1	比例	第 1 张
			设计	核准				标准	CE	共 6 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	20250715	SHINI 信易电热机械股份有限公司 Shini Plastics Technologies, Inc.	机器频率	50Hz	



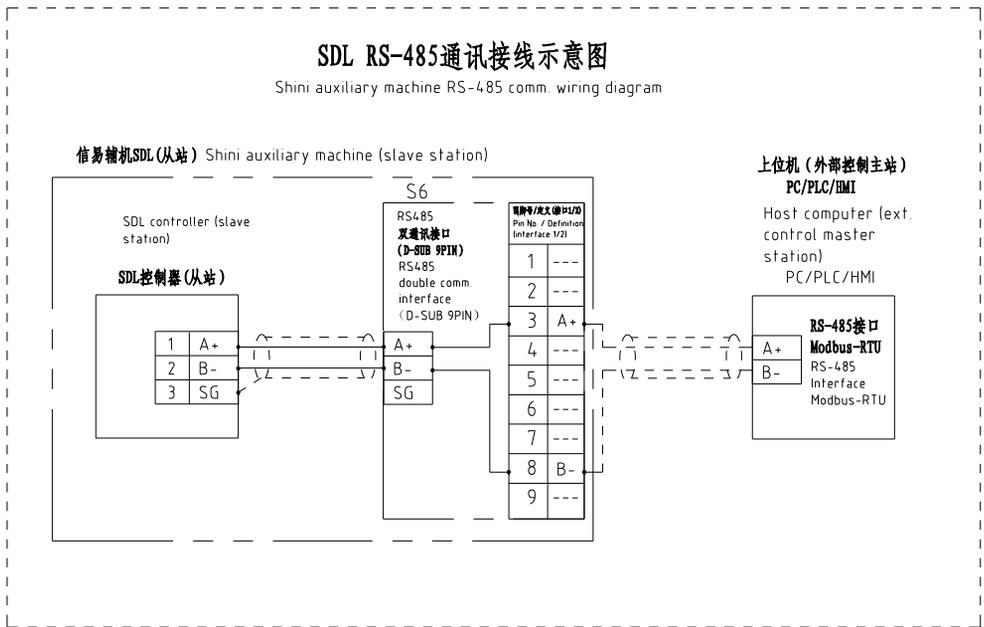
A1 K. SF878500C. 01



机型版本 Ver.E					制图			版号 H			标题 SDL-450U 控制电路图			图号 SDL-450U-CE-400V-H-2			比例 第 2 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												
标记					更改前			更改后						更改人		日期		审核		日期 20250715								
					1			2			3			4			5			6			7			8		

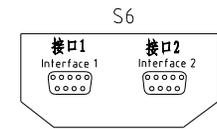
SDL RS-485通讯接线示意图

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

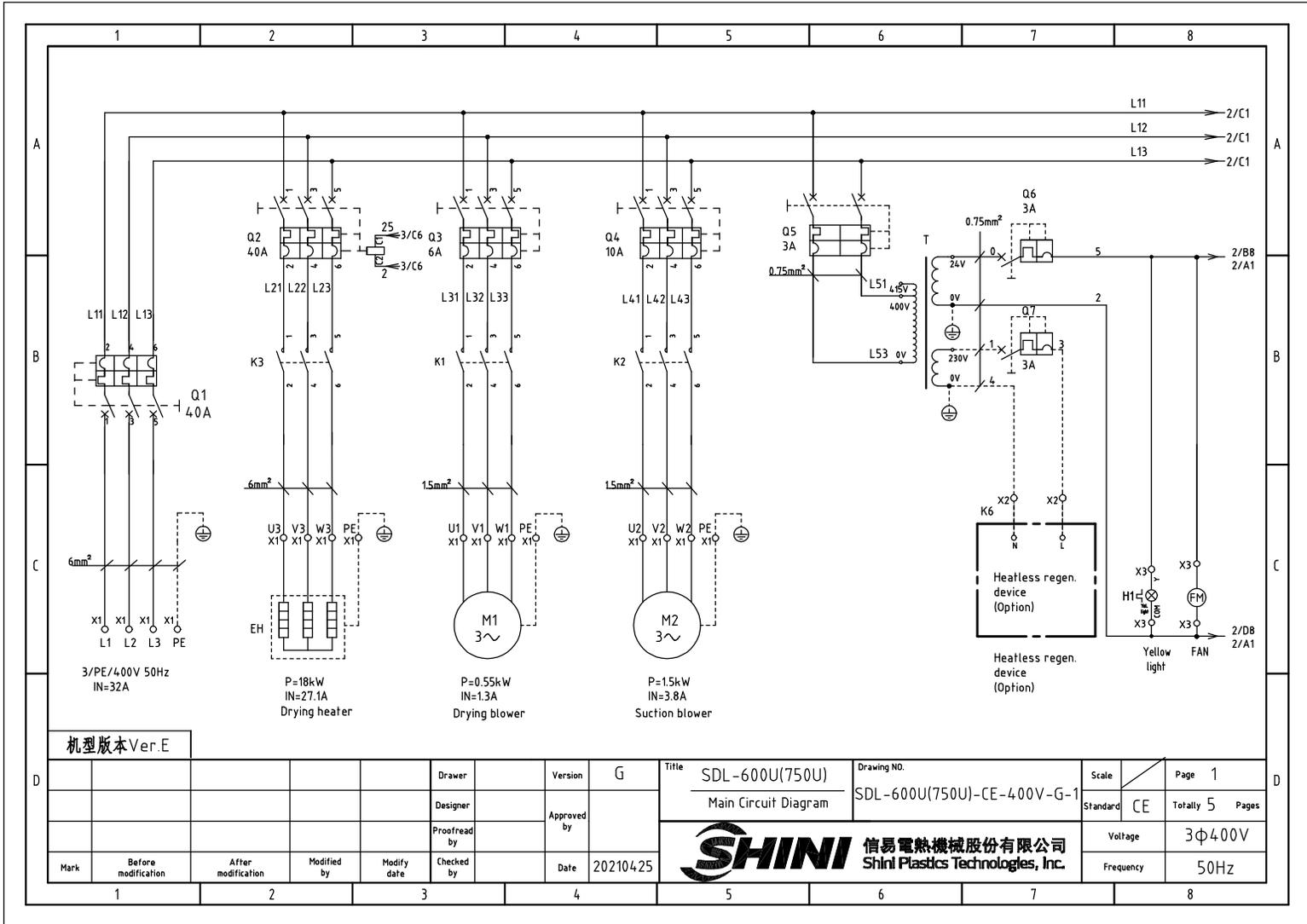
Note: 1. Comm. interface: RS-485 (two wire)
 2. Comm. protocol: Modbus-RTU
 3. The machine is equipped with D-sub9 female connector, and the customer needs to provide D-sub9 male connector;
 4. Interface 1 and interface 2 are connected in parallel and have the same function, which is regardless of primary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

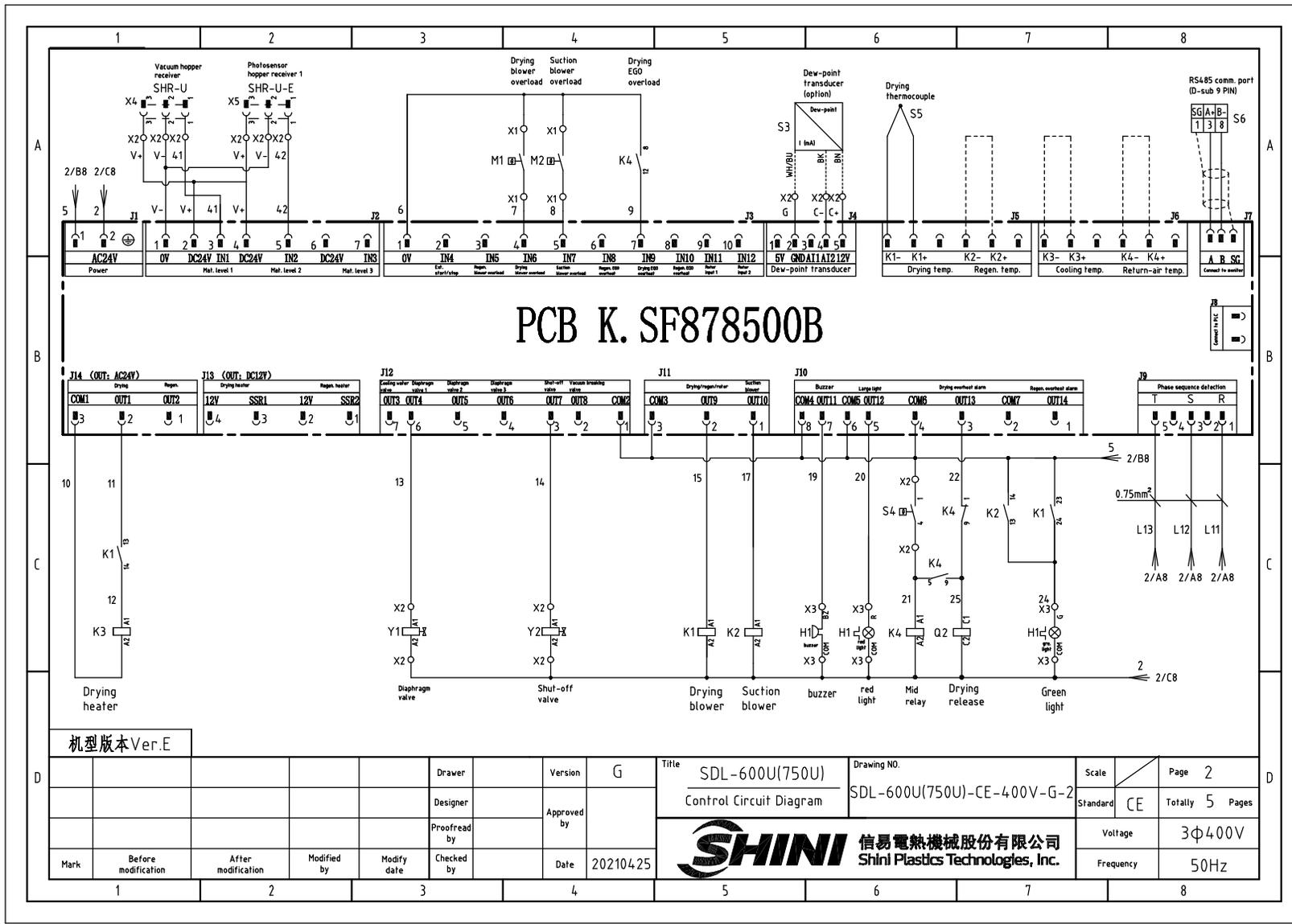
机型版本 Ver.E

			制图	版本号	H	标题	SDL-450U	图号	SDL-450U-CE-400V-H-3	比例	第 3 张
			设计	核准		通讯接口接线图		标准	CE	共 6 张	
			校对	日期	20250715	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		
	Q1	主电源开关/Main power switch		EATON		P1-32/EA/SVB		32A		PCS	1	YE10323200000				
A	2	断路器/Circuit-breaker		TECO		BM-63C/3025S		25A		PCS	1	YE40302503000				
	3	断路器/Circuit-breaker		TECO		BM-63C/3006S		6A		PCS	1	YE40300603000				
	4	断路器/Circuit-breaker		TECO		BM-63C/3010S		10A		PCS	1	YE40301003000				
	5	断路器/Circuit-breaker		TECO		BM-63C/2003S 3A 2P		3A		PCS	1	YE40200203000				
	6	断路器/Circuit-breaker		TECO		BM-63C/1003S 3A 1P		3A		PCS	1	YE40100203000				
	7	断路器/Circuit-breaker		TECO		BM-63C/1003S 3A 1P		3A		PCS	1	YE40100203000		(3)		
	B	8	励磁脱扣器/Excitation release		TECO		MX		24V 50/60Hz		PCS	1	YE40024000000			
9		K1	交流接触器/AC Contactor		SIEMENS		3RT6015-1AB01		24V 50/60Hz		PCS	1	YE00601502500			
10			辅助触点 Auxiliary contactor		SIEMENS		3RH6911		1AA10		PCS	1	YE00691110000			
11			辅助触点 Auxiliary contactor		SIEMENS		3RH6911		1HA22		PCS	1	YE00691100000		(3)	
12		K2	交流接触器/AC Contactor		SIEMENS		3RT6016-1AB01		24V 50/60Hz		PCS	1	YE00601602500			
13		K3	交流接触器/AC Contactor		SIEMENS		3RT6027-1AC20		24V 50/60Hz		PCS	1	YE00602702600			
14		K4	中间继电器/Middle Relay		Honeywell		GR-2C-AC24V		底座 base PGR-2C-E		PCS	1	YE03022400300			
15	T	变压器/Transformer		JIUXIN		IN=400V/415V OUT=24V/230V		120VA 350MA		PCS	1	YE70040007300				
C	16	A1	微电脑控制板+微电脑显示屏/PCB		PUMP		K SF878500C 01		AC24V		PCS	1	YE80878501400			
	17	H1	三色警报灯(红绿黄优先顺序+蜂鸣器) 3-color alarm lamp (Red, green, yellow lights + buzzer)		SHINI		SWI-P-AC/DC24		24V 50/60Hz		PCS	1	BL90002401520		(1)	
	18	S6	通信接口板RS-485(双Deub-9pin接头) Communication interface board RS-485 (double Deub-9pin connector)		YUYUN		----		----		PCS	1	YE90048501200			
	19		外壳RS485(SAL-700G-I-19)0版 Shell RS485(SAL-700G-A-19)0		BINCHENG		----		----		PCS	1	YR40048500000			
	20	X1 X2 X3	端子排/Terminal board		HONEYWELL		GK6		6mm ²		PCS	3	YE60000603200			
21		端子排/Terminal board		HONEYWELL		GK6PE		6mm ² PE		PCS	1	YE60000603500				
22		端子排/Terminal board		HONEYWELL		SK4		4mm ²		PCS	13	YE60000403200				
23		端子排/Terminal board		HONEYWELL		GK5PE		4mm ² PE		PCS	3	YE60000403500				
24		端子排/Terminal board		HONEYWELL		SK2.5		2.5mm ²		PCS	22	YE60002503200				
25		端子排/Terminal board		HONEYWELL		GK2.5PE		2.5mm ² PE		PCS	2	YE60002503400				
机型版本 Ver.E		注: (1)表示非电控箱内材料 (2)表示透湿露点计 (3)表示透湿无热再生装置-HD Notes: (1)Means it's not the material inside the control box. (2)Means accessories for Dew-point transducer. (3)Means optional heatless regen. device-HD.														
D					制图		版号	H	标题	SDL-450U	图号	SDL-450U-CE-400V-H-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	20250715		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		端子排/Terminal board	HONEYWELL	SK2.5	2.5mm ²	PCS	2	YE60002503200	(3)			
27		终端固定件E/GK系列 Terminal fittings E/GK series	HONEYWELL	SK2.5 E	GK	PCS	5	YE60000003900				
A 28	X4 X5	重载接头/Heavy Duty Connector	Harting	4P-PE(插座)Han 4A-F	4P	PCS	2	YE68000401400	(1)			
29	S3	露点变送器/Dew-point transducer	VAISALA	DMT141	POWER=24VDC OUT=4-20mA	PCS	1	----	(1) (2)			
30	S4	温度保护器/Overheat protector	EGO	----	115-320°	PCS	1	----	(1)			
31	S5	热电偶/Thermocouple	SHINI	ST-K	K	PCS	1	----	(1)			
32	FM	风扇/FAN	SUNON	DP-200A	24VAC 40W	PCS	1	----	(1)			
B 33	Y1,Y2	电磁阀/Solenoid valve	----	----	----	PCS	2	----	(1)			
34	M1	风车/Blower	SHINI	----	----	PCS	1	----	(1)			
35	M2	风车/Blower	SHINI	----	----	PCS	1	----	(1)			
B 36	EH	电热管/pipe heater	SHINI	----	----	PCS	1	----	(1)			
C												
D												
机型版本 Ver.E		注: (1)表示非电控箱内材料 (2)表示透湿露点计 (3)表示透湿无热再生装置-HD Notes: (1)Means it 's not the material inside the control box. (2)Means accessories for Dew-point transducer. (3)Means optional heatless regen. device-HD										
				制图		版号	H	标题	SDL-450U	图号	比例	第 6 张
				设计		核		电气元件明细表二	SDL-450U-CE-400V-H-6	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	3φ400V		
标记	更改前	更改后	更改人	日期	审核	日期	20250715		机器频率	50Hz		
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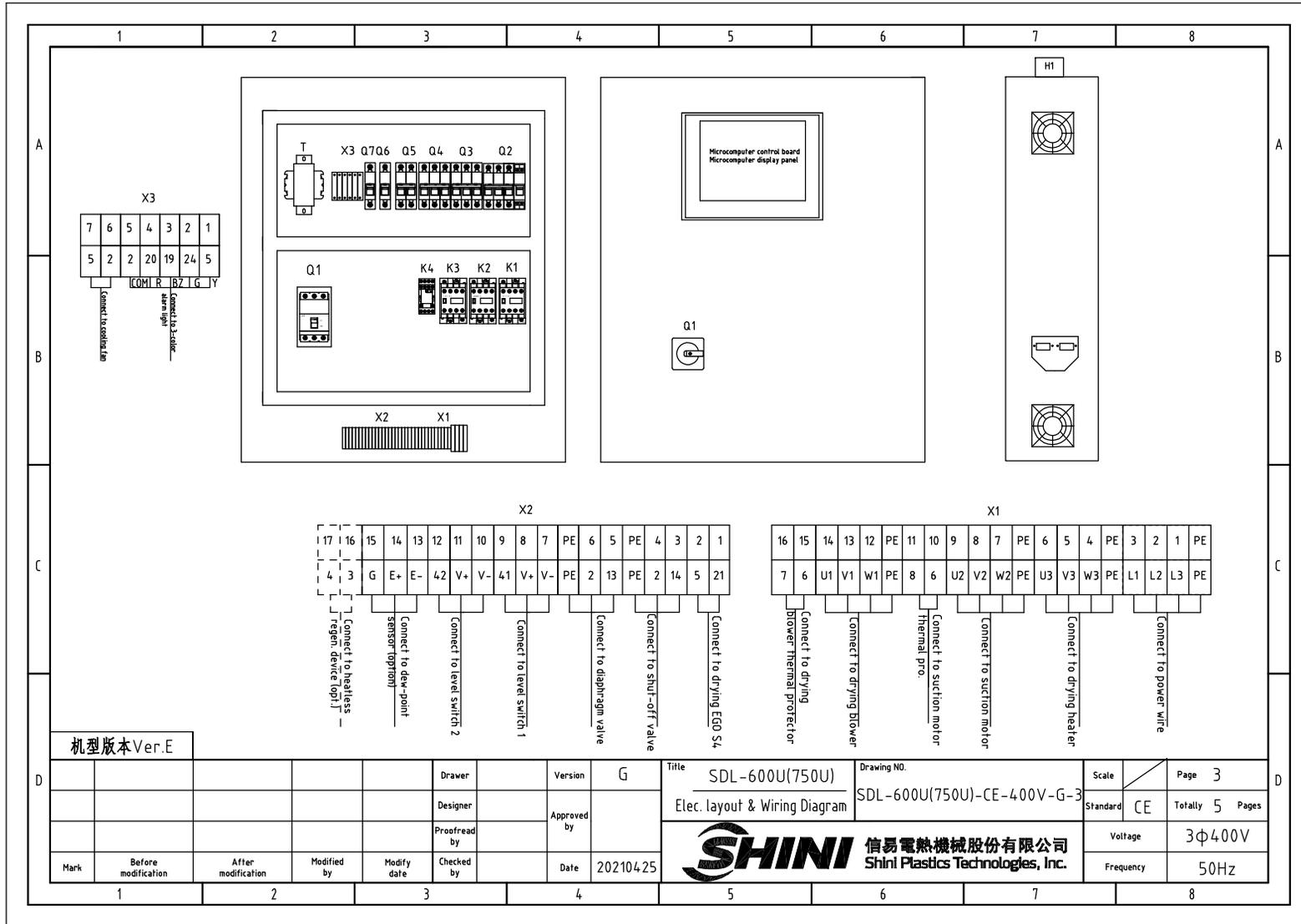




PCB K. SF878500B

机型版本 Ver.E

D	Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date	20210425	SHINI 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.	Title: SDL-600U(750U) Control Circuit Diagram	Drawing NO. SDL-600U(750U)-CE-400V-G-2	Scale	Page 2
	Designer	Version	G	Approved by	Standard	CE	Totally 5 Pages						
	Proofread by	Voltage	3Φ400V		Frequency	50Hz							
	Drawer	Date											



机型版本 Ver.E

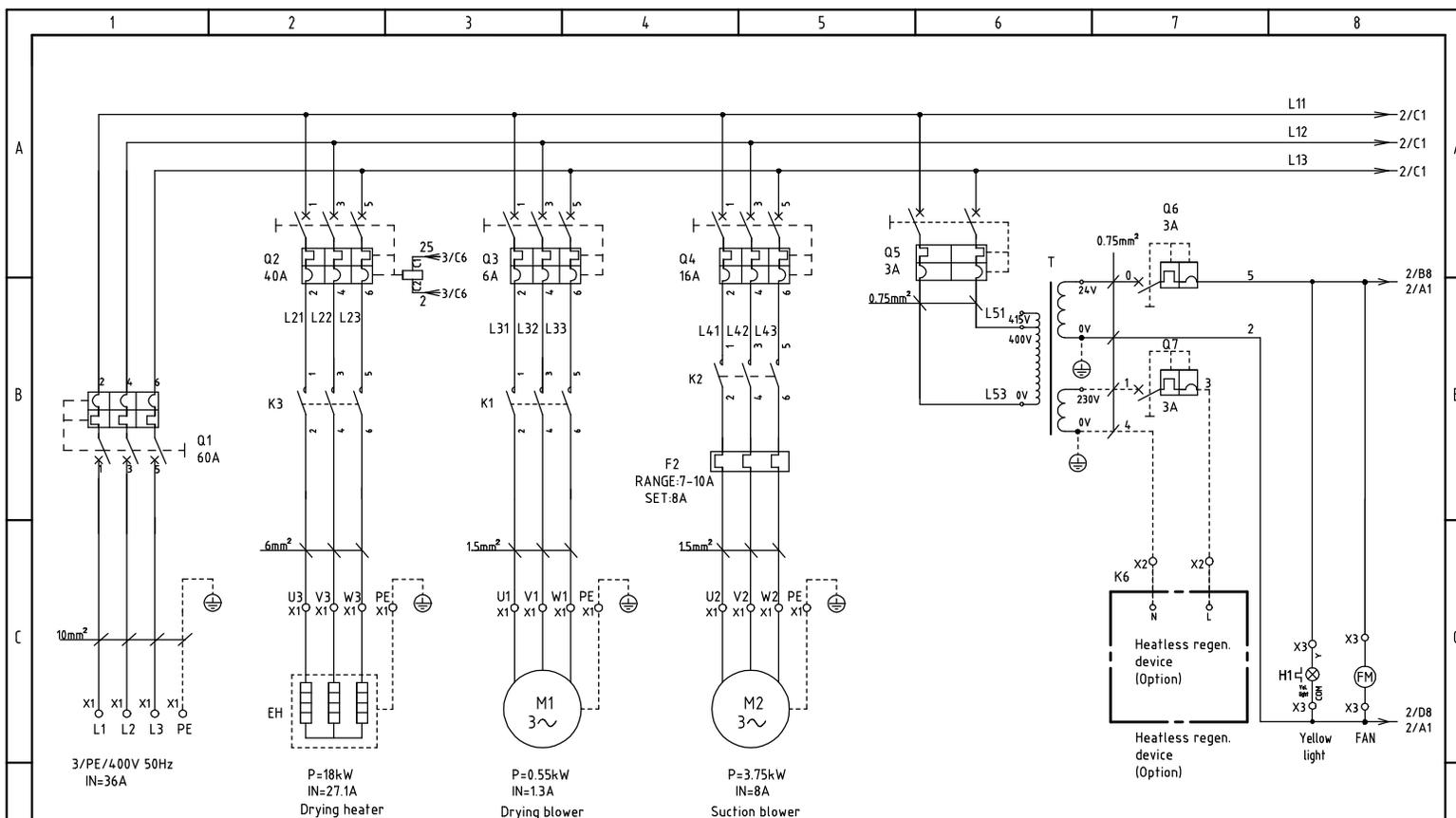
Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date	20210425	SHINI 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.	Title	SDL-600U(750U) Elec. layout & Wiring Diagram	Drawing NO.	SDL-600U(750U)-CE-400V-G-3	Scale	Standard	CE	Page	3	Totally	5	Pages
									Version	G			Voltage	3Φ400V						
									Designer				Frequency	50Hz						
									Proofread by											

1	2	3	4	5	6	7	8	
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark
1	Q1	Breaker interlock	ABB	A1A125TMF40/4003PFF	40A	1	YE41104200000	
2	Q2	Circuit breaker	TECO	BM-63C/3040S/3P	40A	1	YE40304003000	
3	Q3	Circuit breaker	TECO	BM-63C/3006S	6A	1	YE40300603000	
4	Q4	Circuit breaker	TECO	BM-63C/3010S	10A	1	YE40301003000	
5	Q5	Circuit breaker	TECO	BM-63C/2003S 3A 2P	3A	1	YE40200203000	
6	Q6	Circuit breaker	TECO	BM-63C/1003S 3A 1P	3A	1	YE40100203000	
7	Q7	Circuit breaker	TECO	BM-63C/1003S 3A 1P	3A	1	YE40100203000	(3)
8		Excitation release	YIJIN	MX	24V 50/60Hz	1	YE40024000000	
9	K1	AC contactor	SIEMENS	3RT6015-1AB01	7A 24V 50/60Hz	1	YE00601502500	
10		Auxiliary contact	SIEMENS	3RH6911	1AA10	1	YE00691100000	
11	K2	AC contactor	SIEMENS	3RT6016-1AB01	9A 24V 50/60Hz	1	YE00601602500	
12	K3	AC contactor	SIEMENS	3RT6028-1AC20	38A 24V 50/60Hz	1	YE00602802600	
13	K4	Middle relay	Honeywell	GR-2C-AC24V	base PGR-2C-E	1	YE03022400300	
14	T	Transformer	JIUXIN	IN=400V/415V OUT=24V/230V	120VA 350MA	1	YE70040007300	
15	PCB	Microcomputer control panel+ microcomputer PLC/PCB	PUMP	K.SF878500B	AC24V	1	YE81878500300	
16	H1	3-color alarm light + buzzer	SHINI	priority	24V 50/60Hz	1	BL90242201520	(1)
17	S3	Dew-point transducer	VAISALA	DMT141	POWER=24VDC OUT=4-20mA	1	YE90014100100	(1)(2)
18	S4	Overheat protector	EGO	----	115-320°	1	----	(1)
19	S5	Thermocouple	SHINI	ST-K	K	1	----	(1)
20	S6	Comm. interface board RS-485 (double Dsub-9pin connector)	YUYUN	----	----	1	YE90048501200	
21		Shell RS485(SAL-700G-A-19)ver.0	BINCHEG	----	----	1	YR40048500000	
22	X1 X2 X3	Terminal board	HONEYWELL	SK6	6mm ²	6	YE60000603200	
23		Terminal board	HONEYWELL	GK6PE	6mm ² PE	2	YE60000603500	
24		Terminal board	HONEYWELL	SK4	4mm ²	10	YE60000403200	
25		Terminal board	HONEYWELL	GK5PE	4mm ² PE	3	YE60000403500	

机型版本 Ver.E Note: (1) Materials not in the control box; (2) Optional dew-point transducer; (3) Optional heatless regen. device -HD;

D	Drawer	Version	G	Title	SDL-600U(750U)	Drawing NO.	Scale	Page	4
	Designer	Approved by		Elec. Parts List 1	SDL-600U(750U)-CE-400V-G-4	Standard	CE	Totally	5 Pages
	Proofread by	Date	20210425	 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Voltage	3φ400V		
	Checked by					Frequency	50Hz		

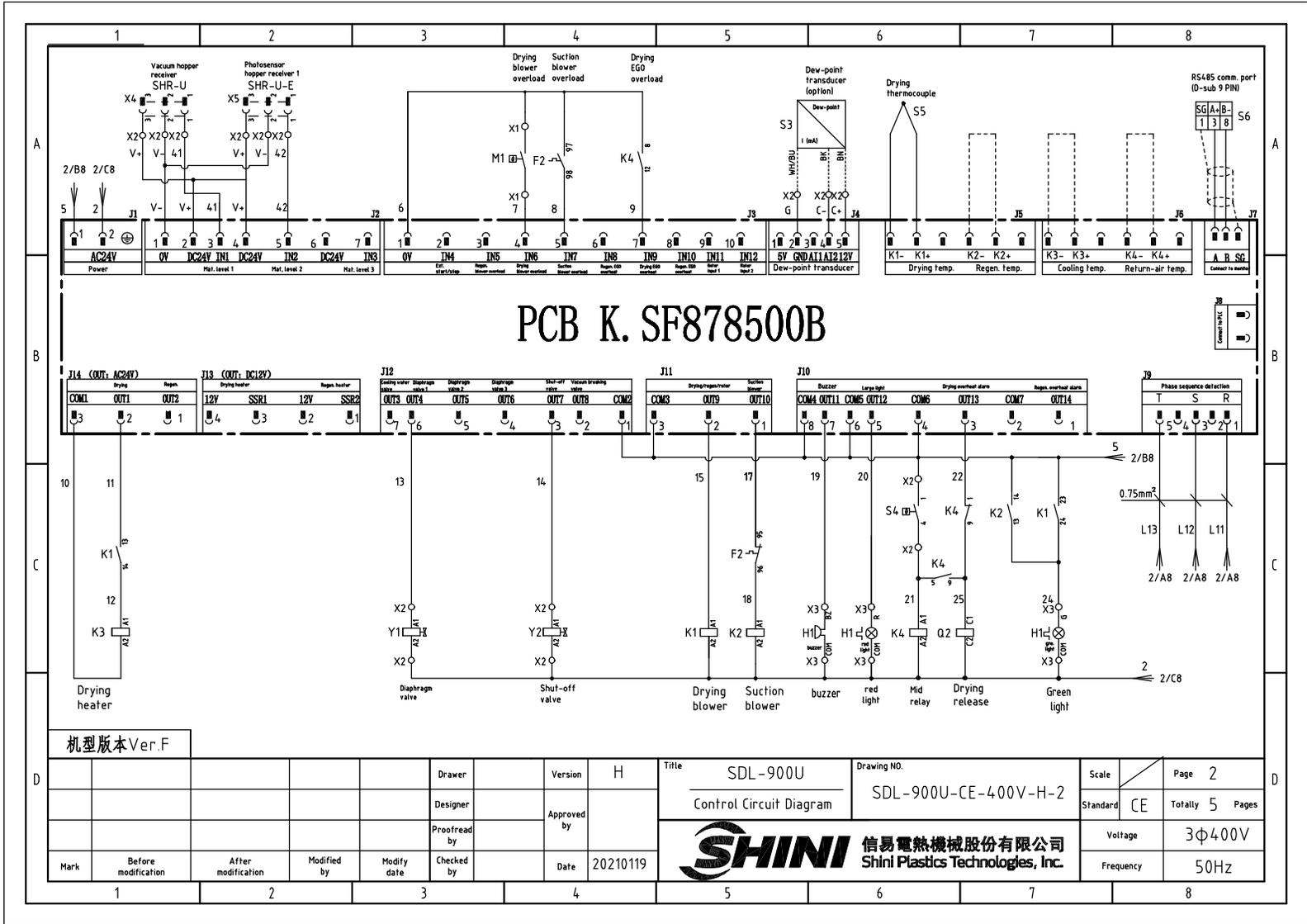
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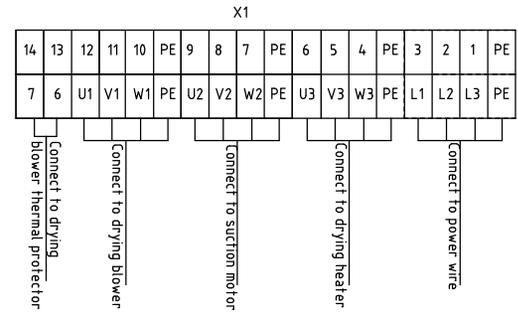
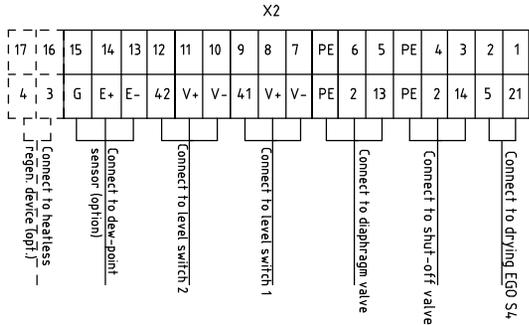
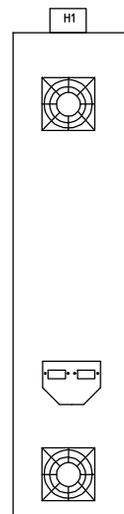
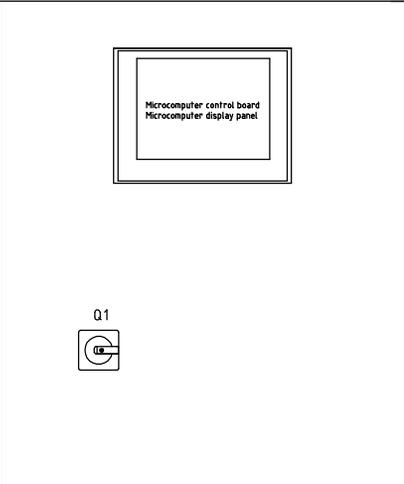
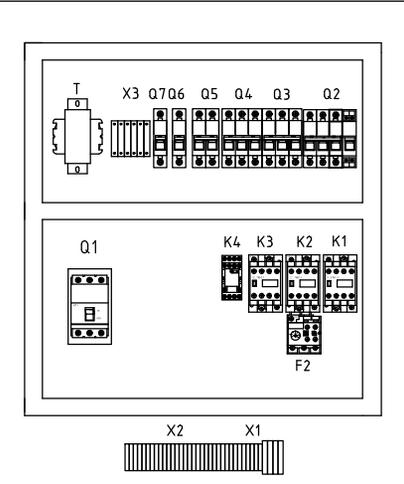
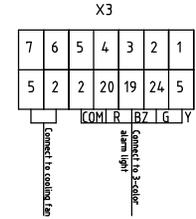
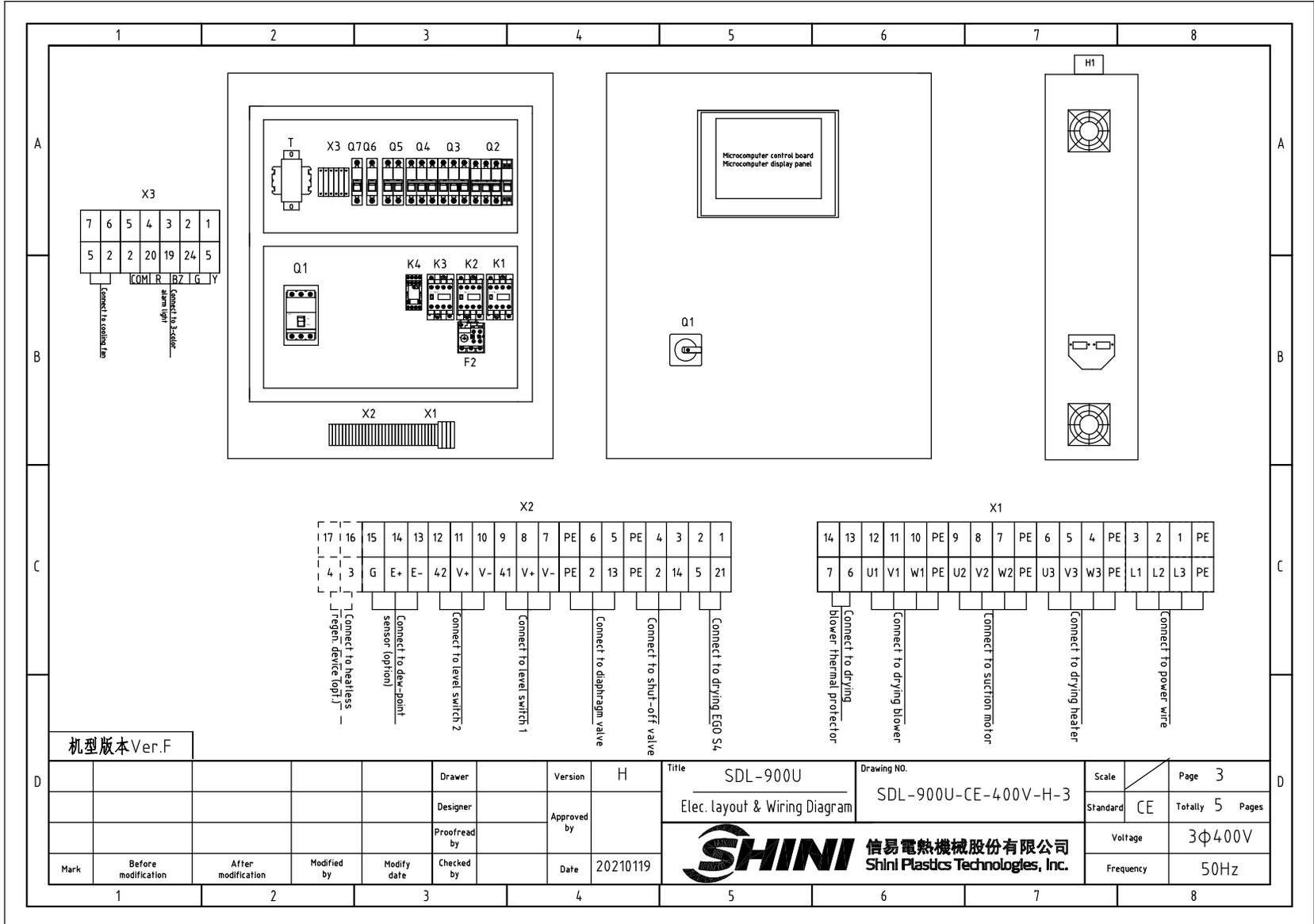


机版本 Ver.F

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				Designer	Approved by		Main Circuit Diagram	SDL-900U-CE-400V-H-1	Standard	CE	Totally	5 Pages
				Proofread by	Checked by		信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Voltage		3Φ400V	
				Mark	Before modification	After modification			Frequency		50Hz	
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机型版本 Ver.F

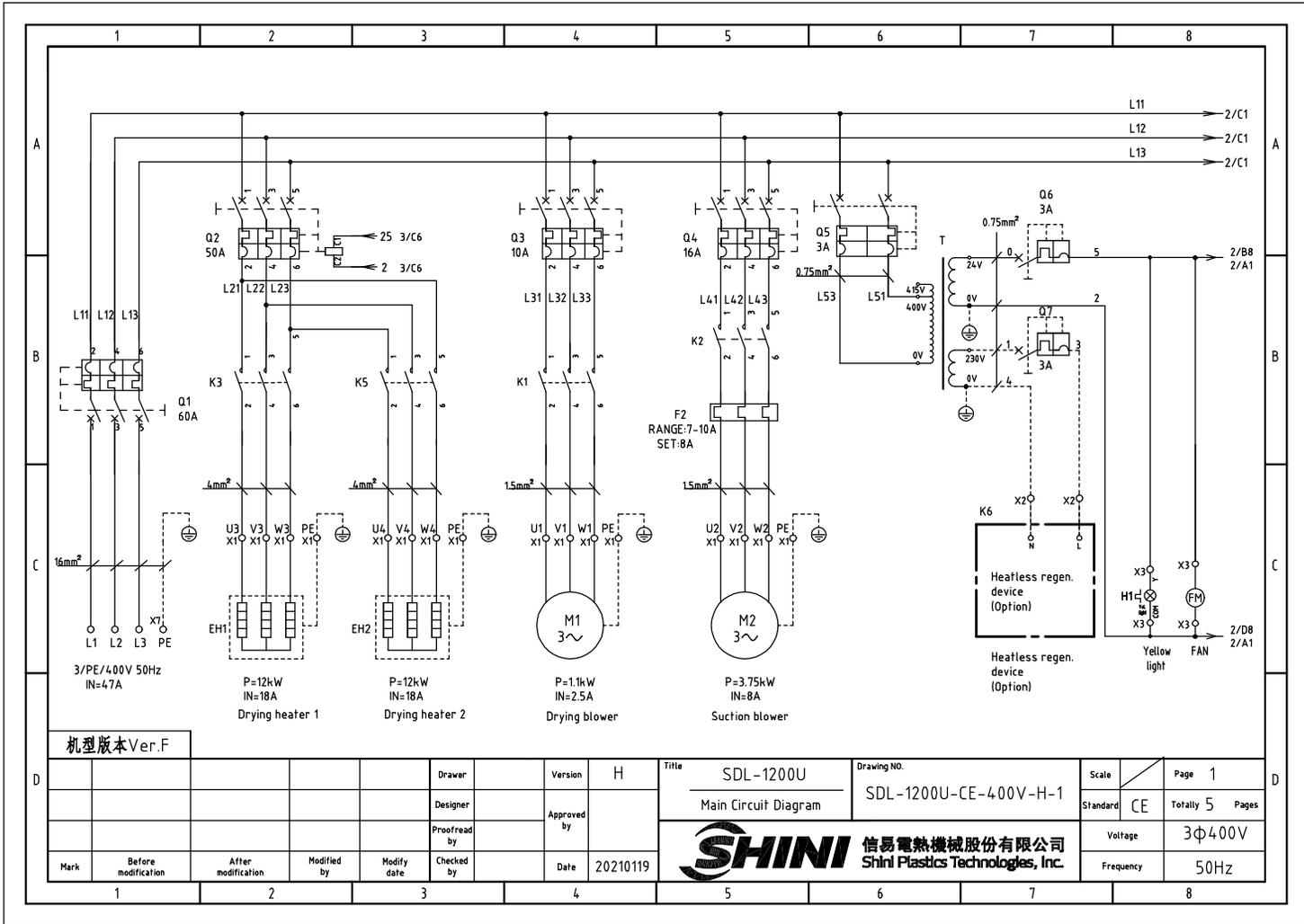
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Designer					Version	H	
Proofread by					Approved by		
Drawer							

Title	SDL-900U	Drawing NO.	SDL-900U-CE-400V-H-3
Elec. layout & Wiring Diagram		Scale	Page 3
		Standard	CE
		Totally 5 Pages	
		Voltage	3Φ400V
		Frequency	50Hz



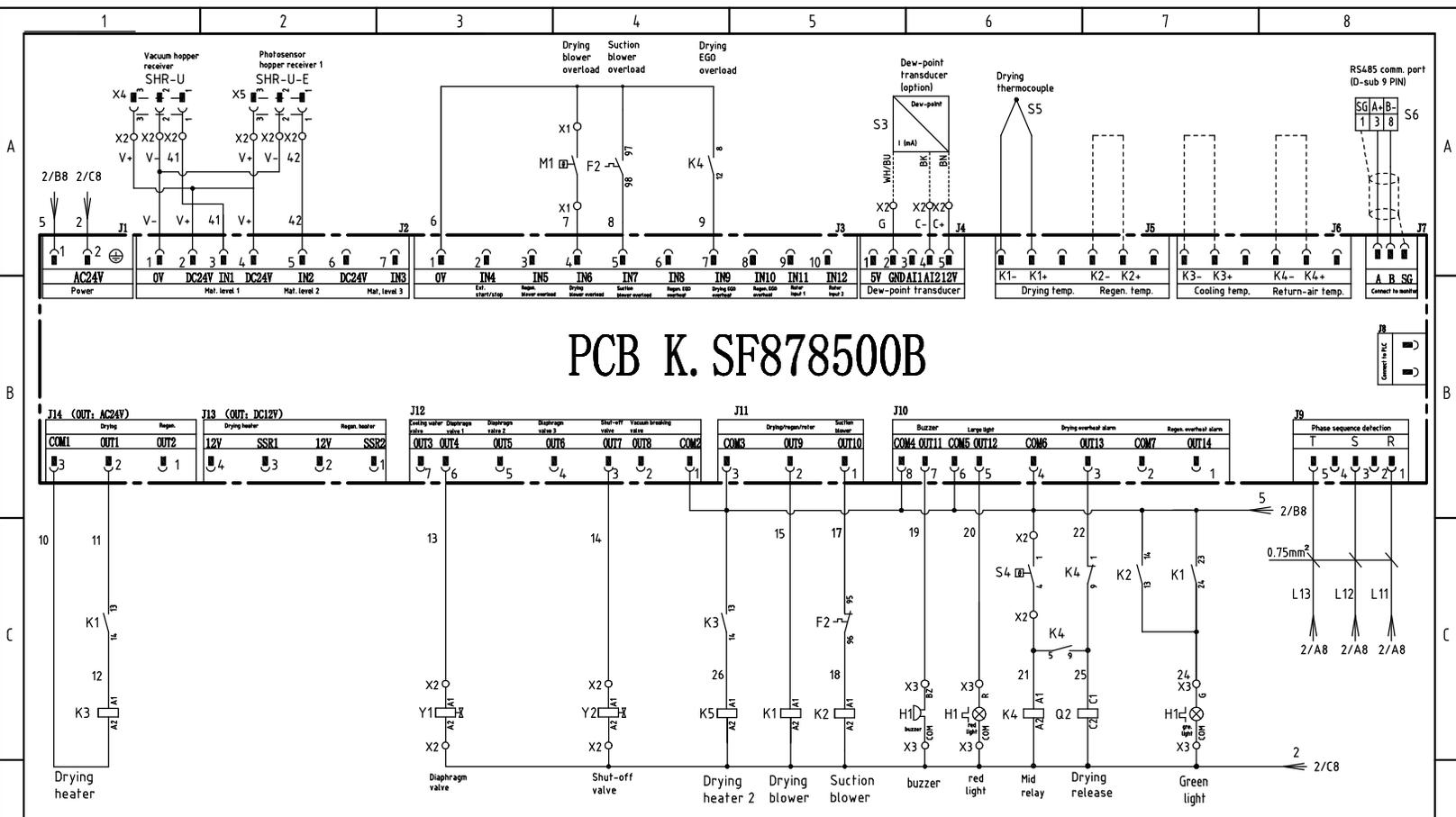
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1		2		3		4		5		6		7		8			
NO.	Symbol	Name		Manufacturer		Type		Specification		Number	Material number		Remark				
1	Q1	Breaker interlock		ABB		A1A125TMF60/6003PFF		60A		1	YE41106200000						
2	Q2	Circuit breaker		TECO		BM-63C/3040S/3P		40A		1	YE40304003000						
3	Q3	Circuit breaker		TECO		BM-63C/3006S		6A		1	YE40300603000						
4	Q4	Circuit breaker		TECO		BM-63C/3016S/3P		16A		1	YE40301603000						
5	Q5	Circuit breaker		TECO		BM-63C/2003S 3A 2P		3A		1	YE40200203000						
6	Q6	Circuit breaker		TECO		BM-63C/1003S 3A 1P		3A		1	YE40100203000						
7	Q7	Circuit breaker		TECO		BM-63C/1003S 3A 1P		3A		1	YE40100203000		(3)				
8		Excitation release		YIJIN		MX		24V 50/60Hz		1	YE40024000000						
9	K1	AC contactor		SIEMENS		3RT6015-1AB01		7A 24V 50/60Hz		1	YE00601502500						
10		Auxiliary contact		SIEMENS		3RH6911		1AA10		1	YE00691110000						
11	K2	AC contactor		SIEMENS		3RT6017-1AB01		12A 24V 50/60Hz		1	YE00601702500						
12	K3	AC contactor		SIEMENS		3RT6028-1AC20		38A 24V 50/60Hz		1	YE00602802600						
13	K4	Middle relay		Honeywell		GR-2C-AC24V		base PGR-2C-E		1	YE03022400300						
14	T	Transformer		JIUXIN		IN=400V/415V OUT=24V/230V		120VA 350MA		1	YE70040007300						
15	F2	Thermal overload relay		SIEMENS		3RU6116-1JB0		7-10A		1	YE01167100000						
16	PCB	Microcomputer control panel+ microcomputer PLC/PCB		PUMP		K.SF878500B		AC24V		1	YE81878500300						
17	H1	3-color alarm light + buzzer		SHINI		priority		24V 50/60Hz		1	BL90242201520		(1)				
18	S3	Dew-point transducer		VAISALA		DMT141		POWER=24VDC OUT=4-20mA		1	YE90014100100		(1)(2)				
19	S4	Overheat protector		EGO		----		115-320°		1	----		(1)				
20	S5	Thermocouple		SHINI		ST-K		K		1	----		(1)				
21	S6	Comm. interface board RS-485 (double Dsub-9pin connector)		YUYUN		----		----		1	YE90048501200						
22		Shell RS485(SAL-700G-A-19)ver.0		BINCHENG		----		----		1	YR40048500000						
23	X1 X2 X3	Terminal board		HONEYWELL		SK10		10mm ²		3	YE60001003200						
24		Terminal board		HONEYWELL		GK10PE		10mm ² PE		1	YE60001003500						
25		Terminal board		HONEYWELL		SK6		6mm ²		3	YE60000603200						
机型版本 Ver.F		Note: (1) Materials not in the control box; (2) Optional dew-point transducer; (3) Optional heatless regen. device -HD;															
						Drawer		Version		Title		Drawing NO.		Scale		Page 4	
						Designer		Approved by		Elec. Parts List 1		SDL-900U-CE-400V-H-4		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		3Φ400V			
Mark		Before modification		After modification		Modified by		Modify date				Checked by		Frequency		50Hz	
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机型版本 Ver.F

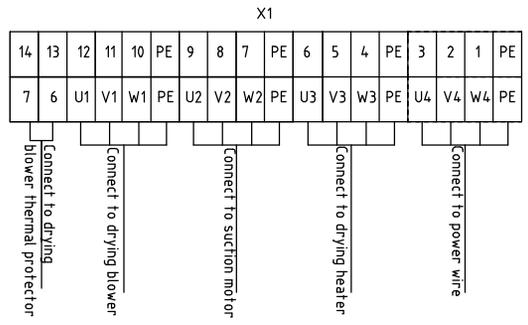
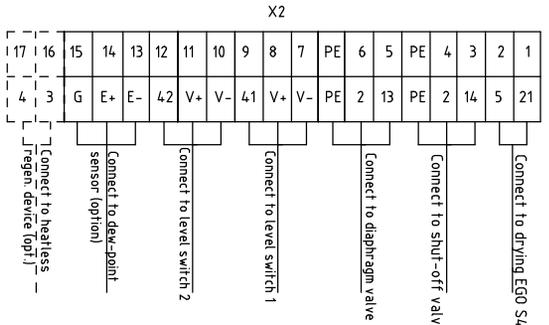
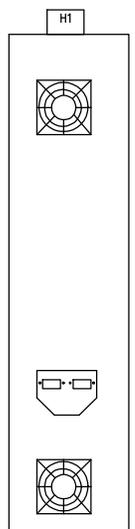
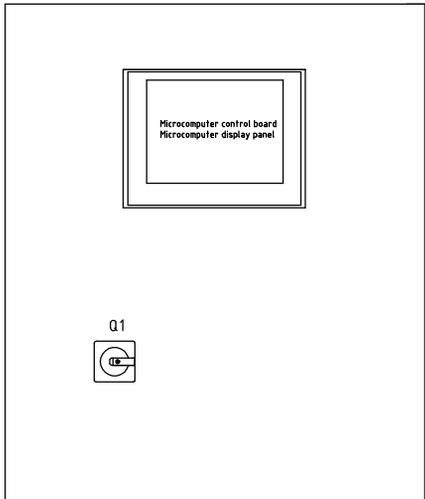
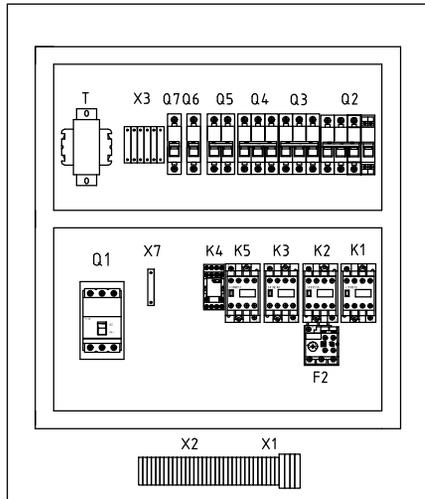
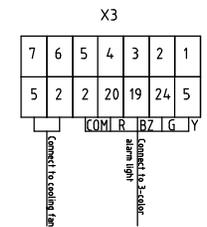
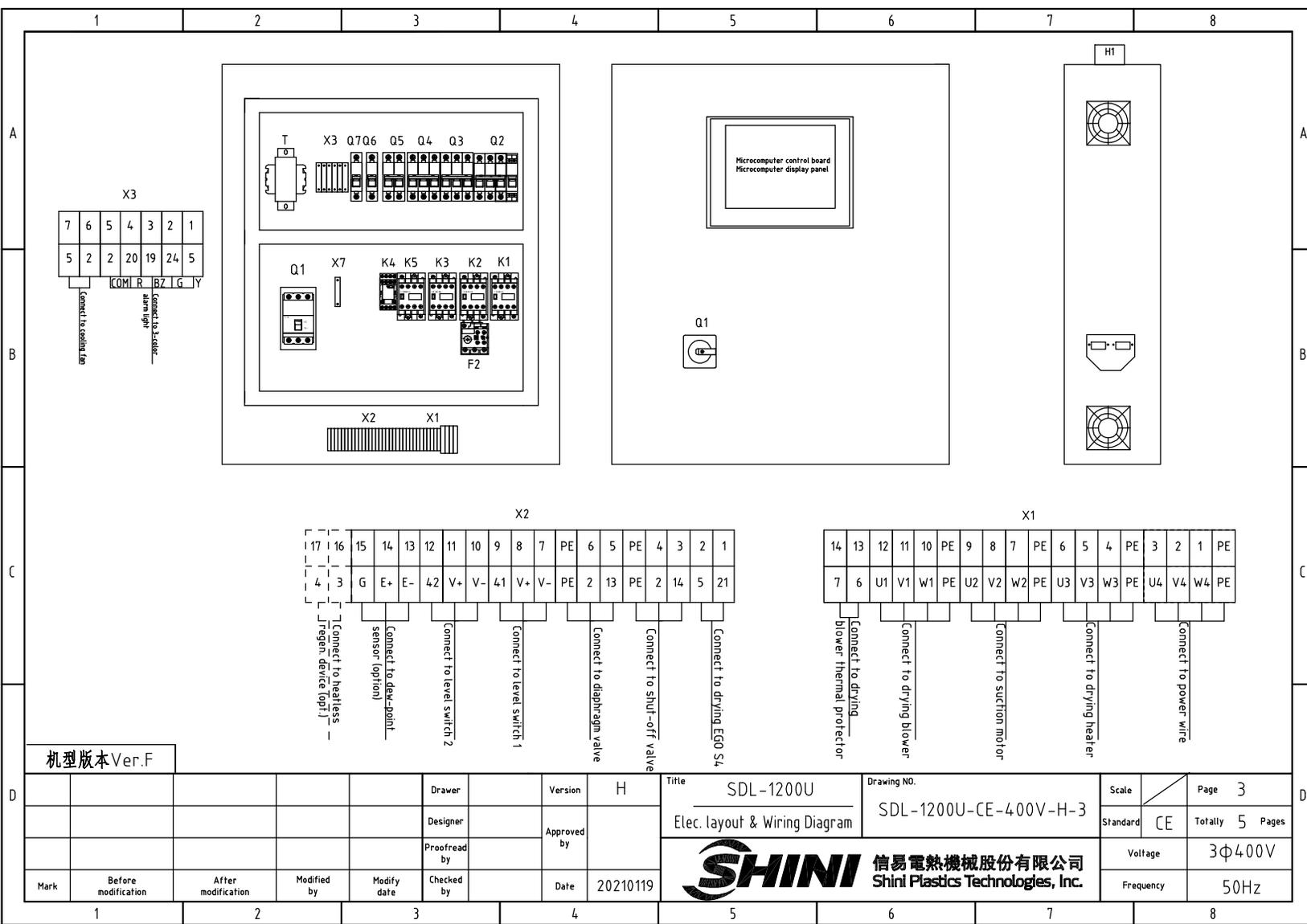
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				Proofread by	Date		20210119	Main Circuit Diagram		CE		5
				Checked by				SHINI 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Voltage		3φ400V
Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date				Frequency		50Hz



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机型版本 Ver.F

				Drawer	Version	H	Title	SDL-1200U	Drawing NO.	Scale	Page 2
				Designer	Approved by		Control Circuit Diagram	SDL-1200U-CE-400V-H-2	Standard	CE	Totally 5 Pages
				Proofread by	Checked by	Date	 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	20210119	Frequency			50Hz		



机型版本 Ver.F

Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date	20210119	Title SDL-1200U Elec. layout & Wiring Diagram	Drawing NO. SDL-1200U-CE-400V-H-3	Scale	Page 3	
										Standard	CE	Totally 5 Pages
											Voltage	3Φ400V
										Frequency	50Hz	

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					
NO.	Symbol	Name		Manufacturer		Type		Specification		Number	Material number		Remark						
A	1	Q1	Breaker interlock		ABB		A1A125TMF60/6003PFF		60A	1	YE41106200000								
	2	Q2	Circuit breaker		TECO		BM-63C/3050S 50A		50A	1	YE40305003000								
	3	Q3	Circuit breaker		TECO		BM-63C/3010S		10A	1	YE40301003000								
	4	Q4	Circuit breaker		TECO		BM-63C/3016S/3P		16A	1	YE40301603000								
	5	Q5	Circuit breaker		TECO		BM-63C/2003S 3A 2P		3A	1	YE40200203000								
	6	Q6	Circuit breaker		TECO		BM-63C/1003S 3A 1P		3A	1	YE40100203000								
	7	Q7	Circuit breaker		TECO		BM-63C/1003S 3A 1P		3A	1	YE40100203000		(3)						
B	8		Excitation release		YIJIN		MX		24V 50/60Hz	1	YE40024000000								
	9	K1	AC contactor		SIEMENS		3RT6015-1AB01		7A 24V 50/60Hz	1	YE00601502500								
	10		Auxiliary contact		SIEMENS		3RH6911		1AA10	1	YE00691110000								
	11	K2	AC contactor		SIEMENS		3RT6017-1AB01		12A 24V 50/60Hz	1	YE00601702500								
	12	K3 K5	AC contactor		SIEMENS		3RT6027-1AC20		32A 24V 50/60Hz	2	YE00602702600								
	13	K4	Middle relay		Honeywell		GR-2C-AC24V		base PGR-2C-E	1	YE03022400300								
	14	T	Transformer		JIUXIN		IN=400V/415V OUT=24V/230V		120VA 350MA	1	YE70040007300								
C	15	F2	Thermal overload relay		SIEMENS		3RU6116-1JB0		7-10A	1	YE01167100000								
	16	PCB	Microcomputer control panel+ microcomputer PLC/PCB		PUMP		K.SF878500B		AC24V	1	YE81878500300								
	17	H1	3-color alarm light + buzzer		SHINI		priority		24V 50/60Hz	1	BL90242201520		(1)						
	18	S3	Dew-point transducer		VAISALA		DMT141		POWER=24VDC OUT=4-20mA	1	YE90014100100		(1)(2)						
	19	S4	Overheat protector		EGO		----		115-320°	1	----		(1)						
	20	S5	Thermocouple		SHINI		ST-K		K	1	----		(1)						
	21	S6	Comm. interface board RS-485 (double Dsub-9pin connector)		YUYUN		----		----	1	YE90048501200								
D	22		Shell RS485(SAL-700G-A-19)ver.0		BINCHENG		----		----	1	YR40048500000								
	23	X1 X2 X3 X7	Terminal board		HONEYWELL		SK4		4mm ²	14	YE60000403200								
	24		Terminal board		HONEYWELL		GK5PE		4mm ² PE	4	YE60000403500								
	25		Terminal board		HONEYWELL		SK2.5		2.5mm ²	22	YE60002503200								
机版本 Ver.F		Note: (1) Materials not in the control box; (2) Optional dew-point transducer; (3) Optional heatless regen. device -HD;																	
D					Drawer		Version		H		Title		Drawing NO.		Scale		Page 4		
					Designer		Approved by				SDL-1200U		SDL-1200U-CE-400V-H-4		Standard		CE		
					Proofread by		Date				Elec. Parts List 1				Voltage		3φ400V		
	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	
NO.	Symbol	Name		Manufacturer		Type		Specification		Number	Material number		Remark		
26		Terminal board		HONEYWELL		GK2.5PE		2.5mm ² PE		2	YE60002503400				
27		Terminal board		HONEYWELL		SK2.5		2.5mm ²		2	YE60002503200		(3)		
28		Terminal board		HONEYWELL		GK16PE		16mm ² PE		1	YE60001603500				
29		Terminal fittings E/GK series		HONEYWELL		E		GK		5	YE60000003900				
30	X4 X5	Heavy duty connector		Harting		4P+PE(socket)Han 4A-F		4P		2	YE68000401400		(1)		
31	FM	FAN		SUNON		DP-200A		24VAC 40W		1	----		(1)		
32	Y1,Y2	Solenoid valve		----		----		----		2	----		(1)		
33	M1	Blower		SHINI		----		----		1	----		(1)		
34	M2	Blower		SHINI		----		----		1	----		(1)		
35	EH	Pipe heater		SHINI		----		----		1	----		(1)		
<div style="display: flex; justify-content: space-between;"> 机型版本 Ver.F Note: (1) Materials not in the control box; (2) Optional dew-point transducer; (3) Optional heatless regen. device -HD; </div>															
Mark		Before modification	After modification	Modified by	Modify date	Checked by	Date	20210119	 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Scale: Standard: CE		Page 5 Totaly 5 Pages Voltage: 3Φ400V Frequency: 50Hz		
1		2		3		4		5		6		7		8	