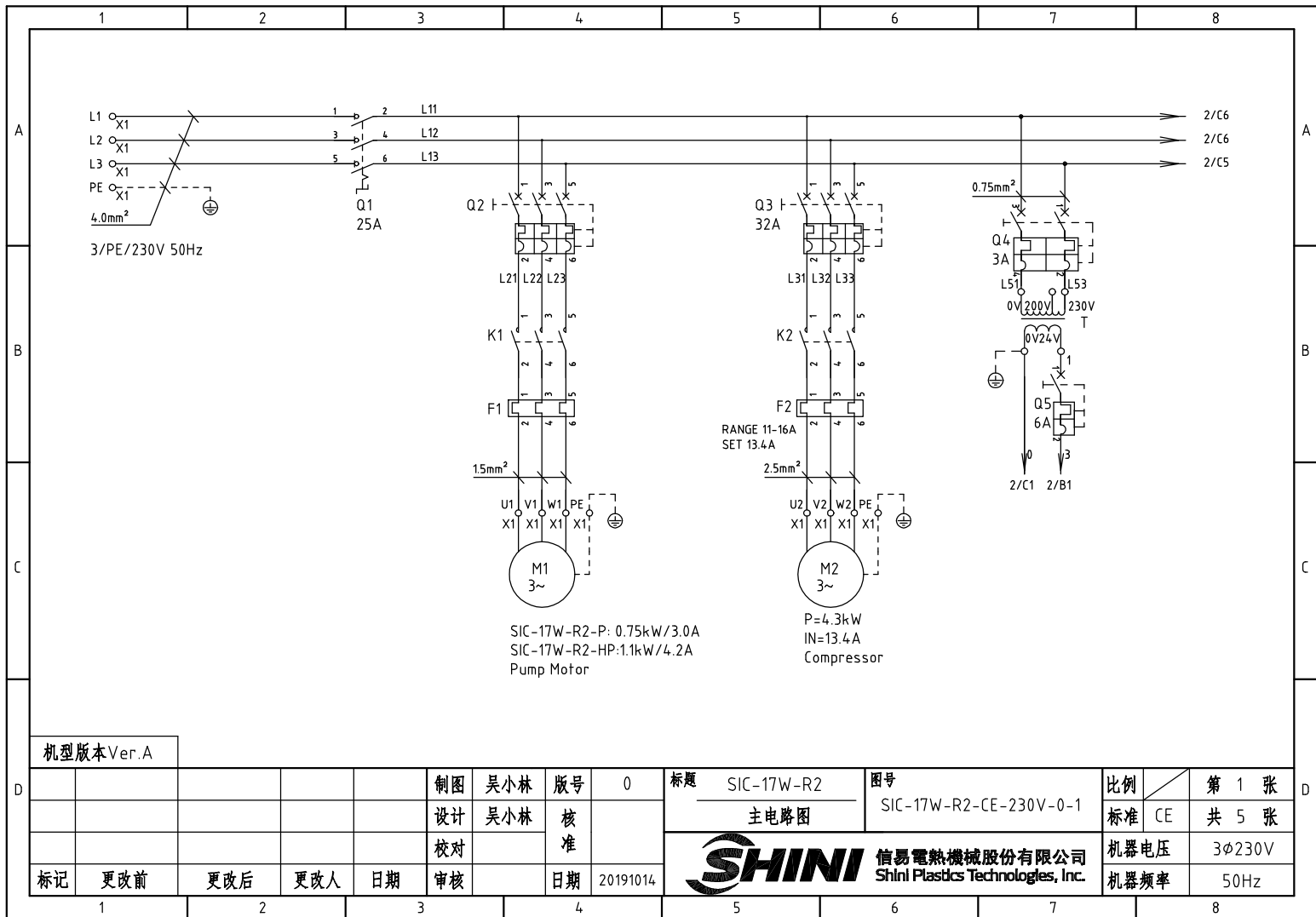
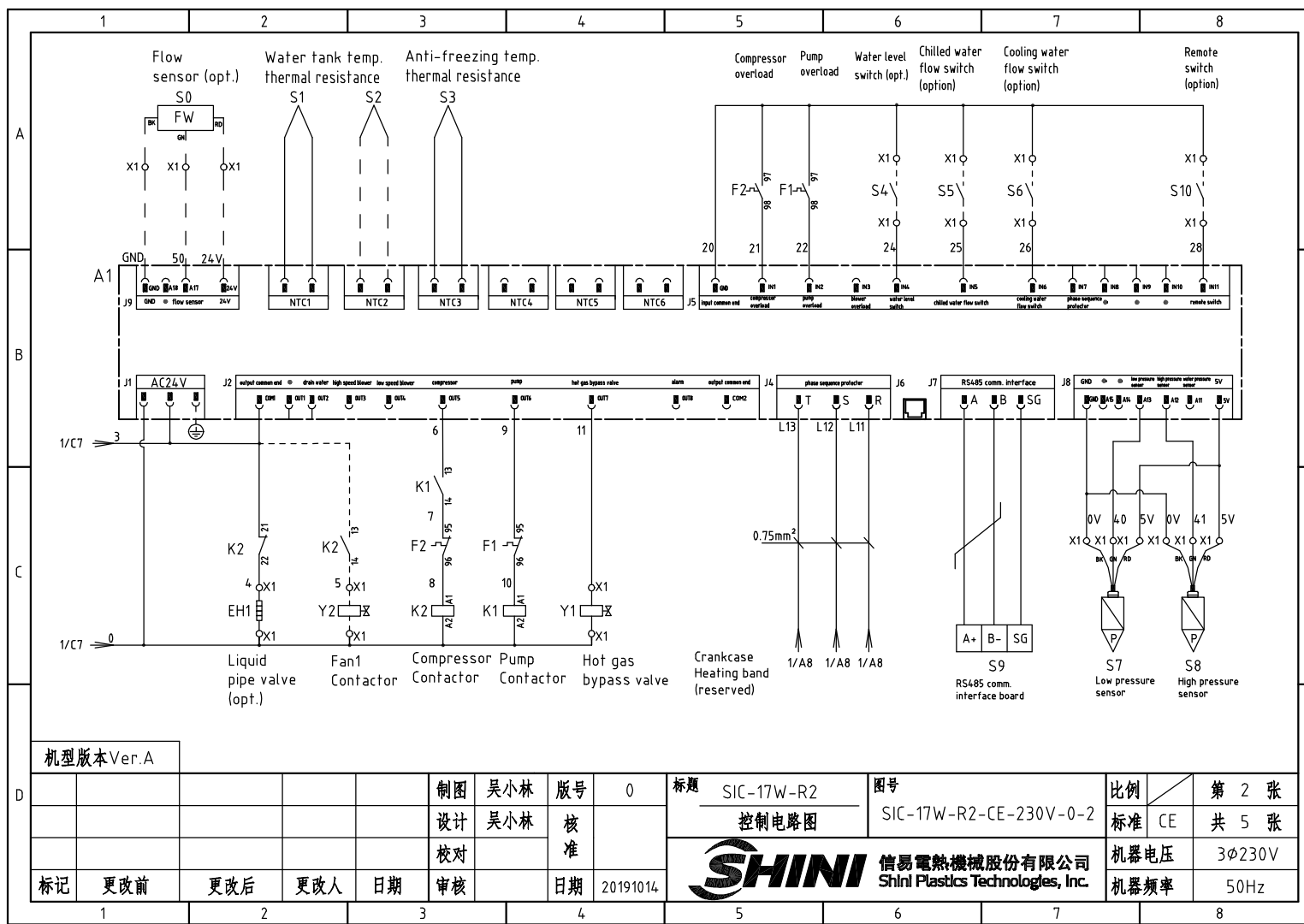






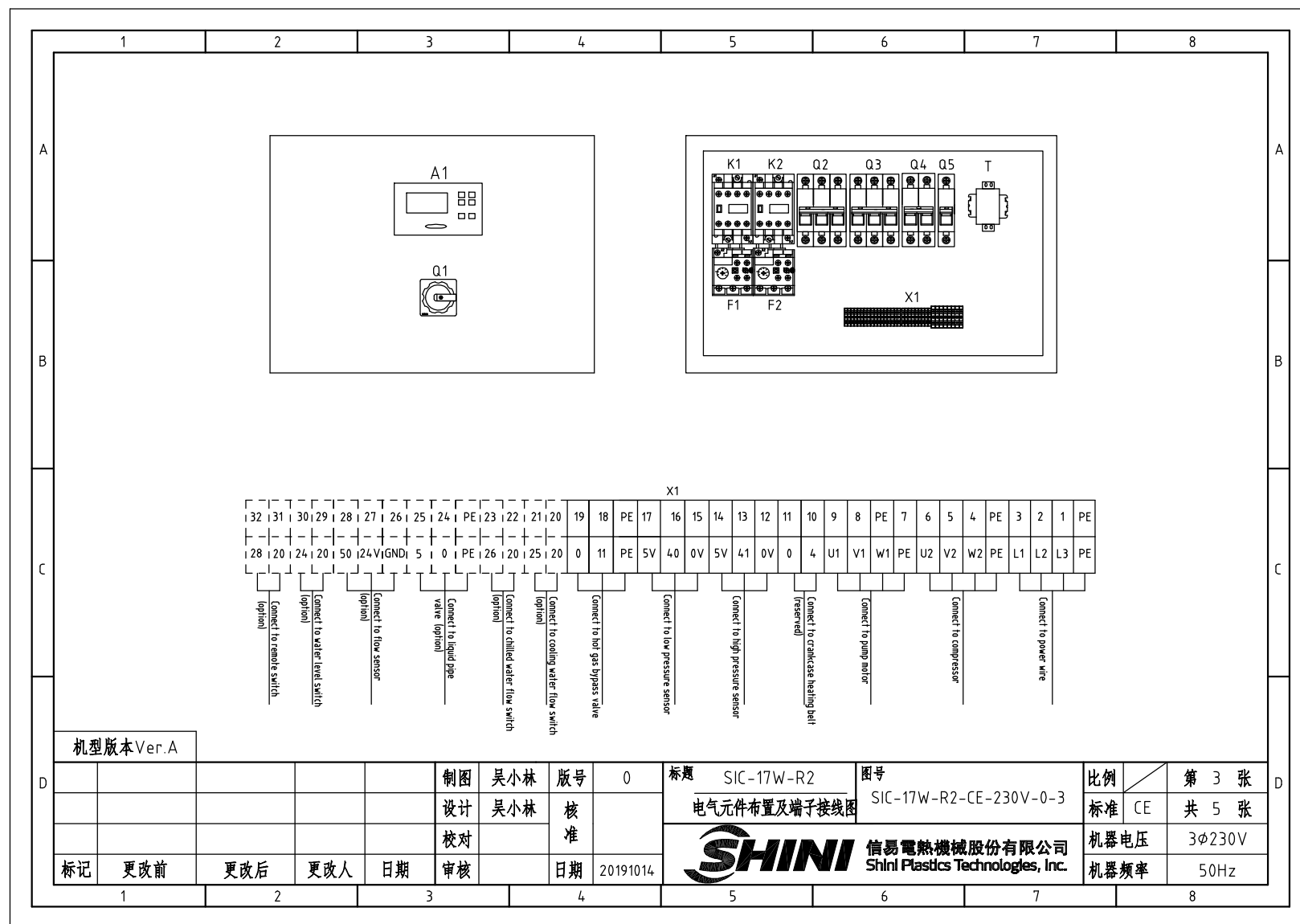
机型版本 Ver.A

制图	吴小林	版号	0
设计	吴小林	核准	
校对		审核	
标记	更改前	更改后	更改人
日期		日期	20191014

标题	SIC-17W-R2	图号	SIC-17W-R2-CE-230V-0-2	比例	第 2 张
	控制电路图			标准	共 5 张
				机器电压	3φ230V
				机器频率	50Hz

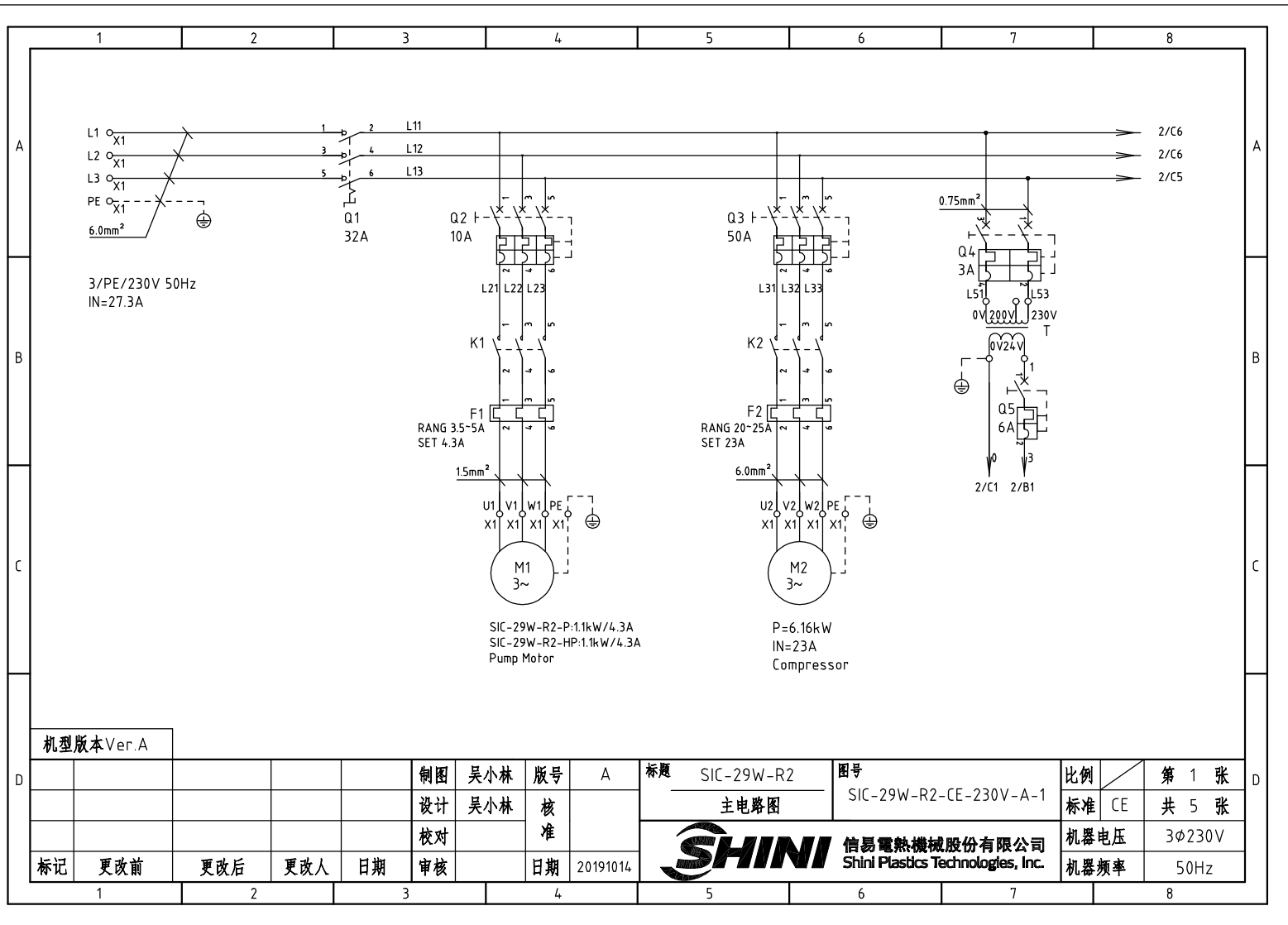


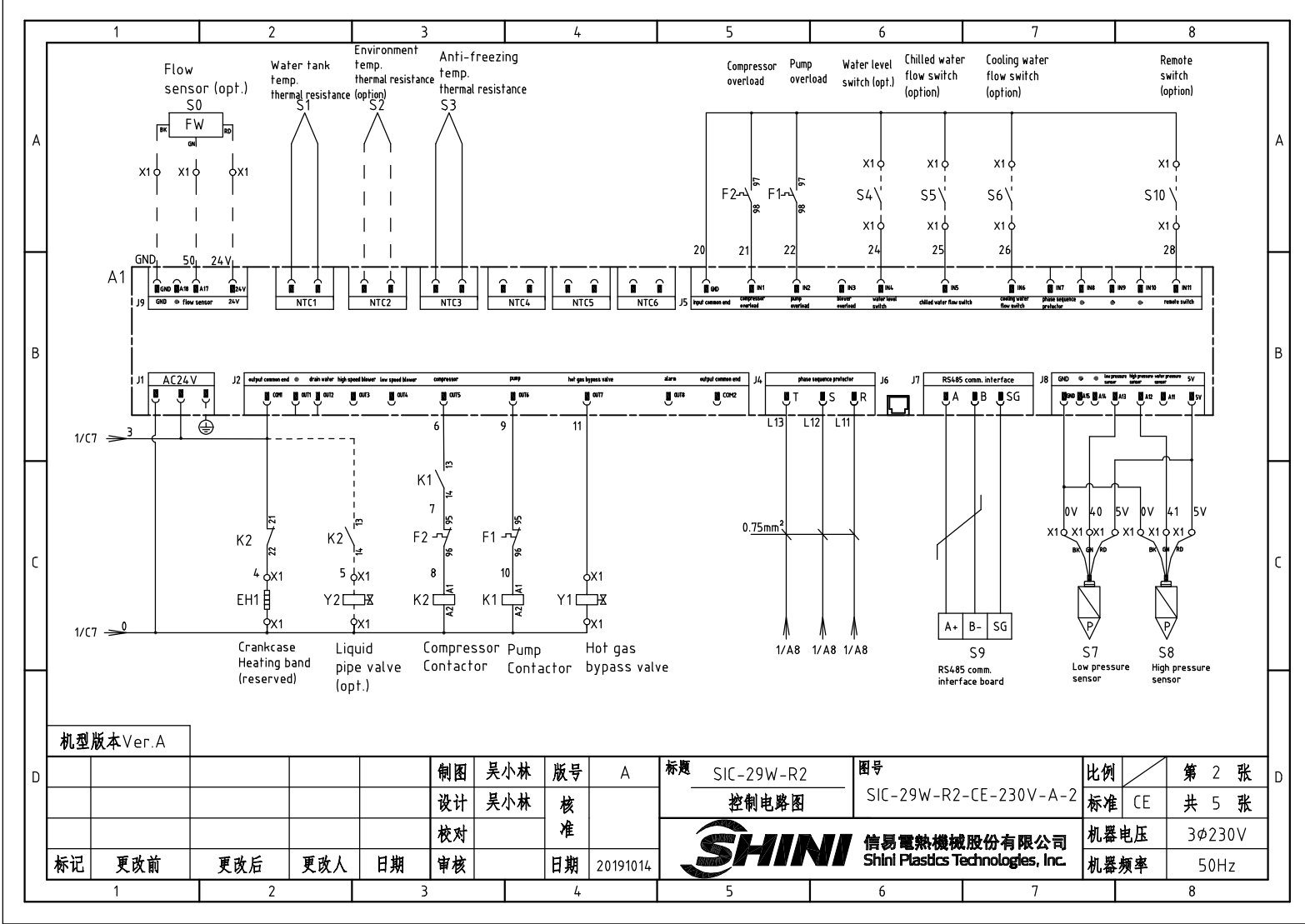
信易电热机械股份有限公司
Shini Plastics Technologies, Inc.



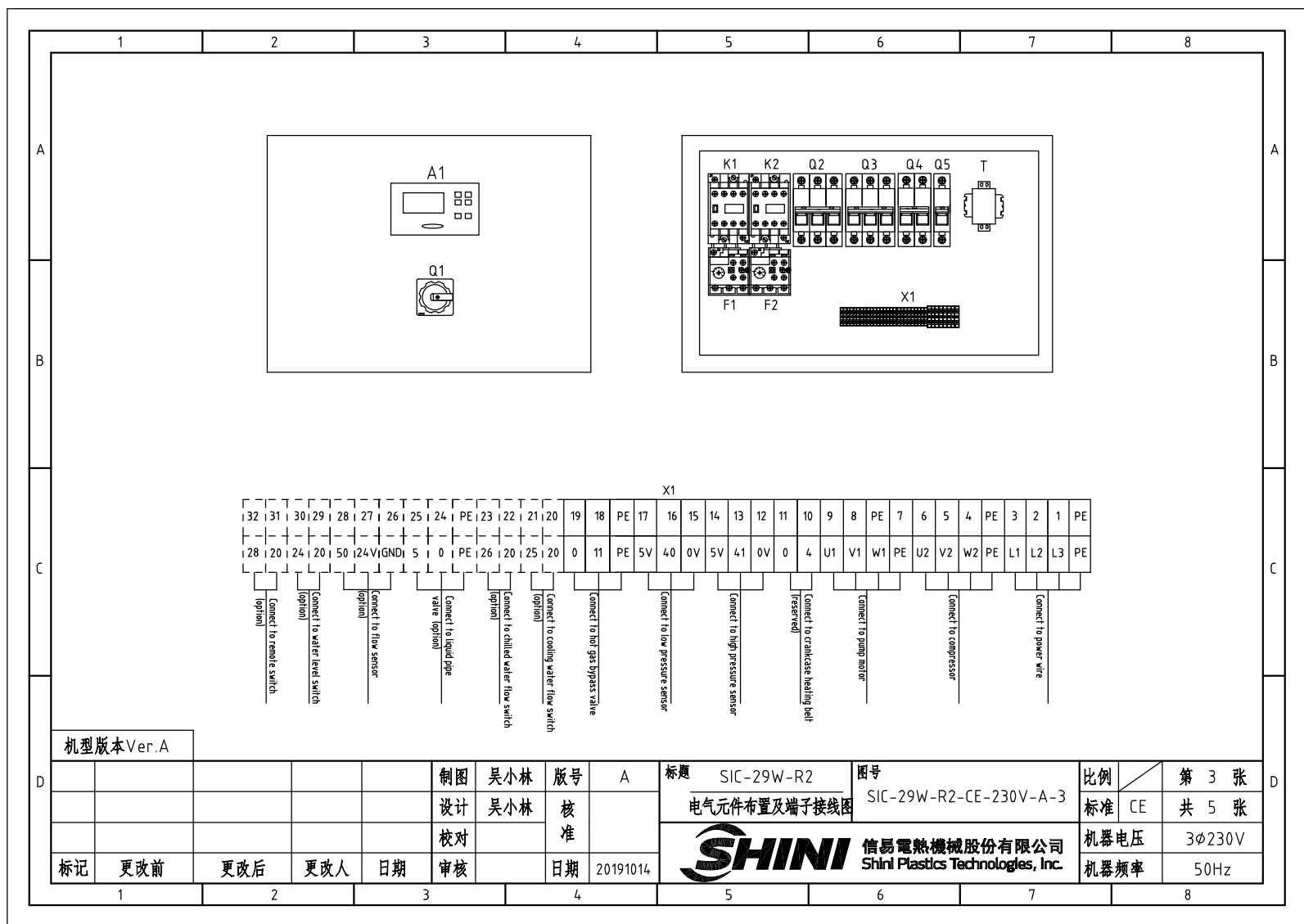
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NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark
1	Q1	Main power switch	EATON	P1-25/EA/SVB	25A	1	YE10125250000	
2	Q2	Circuit breaker	TECO	BM-63C/3010S	10A	1	YE40301003000	
3	Q3	Circuit breaker	TECO	BM-63C/3032S	32A	1	YE40303203000	
4	Q4	Circuit breaker	TECO	BM-63C/2003S	3A	1	YE40200203000	
5	Q5	Circuit breaker	TECO	BM-63C/1006S	6A	1	YE40100600100	
6	K1	Contactor	SIEMENS	3RT6015-1AB01	24VAC	1	YE00601502500	
7	K2	Contactor	SIEMENS	3RT6018-1AB01	24VAC	1	YE00601802500	
8	F1	Overload relay	SIEMENS	3RU6116-1EB0	2.8-4A	1	YE01160280000	SIC-17W-R2-P
9		Overload relay	SIEMENS	3RU6116-1FB0	3.5-5A	1	YE01160350000	SIC-17W-R2-HP
10	F2	Overload relay	SIEMENS	3RU6116-4AB0	11-16A	1	YE01611640000	
11	A1	Controller	PUNP	Single pressure water chiller controller SF317503A	AC 24V	1	YE80317506700	
12	T	Transformer	JIUXIN	IN=230V/200V OUT=24V	120VA	1	YE70232002400	
13	S0	Flow sensor	----	----	----	1	----	(1)(5)
14	S1	Water tank temp. thermal resistance	PUNP	RTD	Φ7x110mm 1/8" PT,3.5m	1	YE90711000000	
15	S3	Anti-freeze temp. thermal resistance	PUNP	RTD	Φ4X85 4M 1/4PT	1	YE90001400700	
16	S4	Water level switch	----	----	----	1	----	(1)(6)
17	S5	Chilled water flow switch	----	----	----	1	----	(1)(3)
18	S6	Cooling water flow switch	----	----	----	1	----	(1)(4)
19	S7	Low pressure sensor	----	----	----	1	----	(1)
20	S8	High pressure sensor	----	----	----	1	----	(1)
21	S9	Comm. interface board RS-485 (double Dsub-9pin connector)	YUYUN	----	----	1	YE90048501200	(1)
22		Shell RS-485 (SAL-700G-A-19) ver.0	BINCHENG	----	----	1	YR40048500000	(1)
23	S10	Remote switch	----	----	----	1	----	(1)(7)
24	X1	Terminal board	HONEYWELL	SK4.0	----	3	YE60000403200	
25		Earth terminal board	HONEYWELL	GK5PE	----	1	YE60000403500	
机型版本 Ver.A		Note: (1) Materials not in the control box; (2) Optional liquid pipe valve; (3) Optional chilled water switch; (4) Optional cooling water switch; (5) Optional flow sensor; (6) Optional water level switch; (7) Optional remote switch;						
D				制图	吴小林	版号	0	标题
				设计	吴小林	核		SIC-17W-R2
				校对		准		电气元件明细表一
	标记	更改前	更改后	更改人	日期	审核	日期	20191014
1		2	3	4	5	6	7	8
		图号		比例		第 4 张		
		SIC-17W-R2-CE-230V-0-4		标准		共 5 张		
		SHINI 信易電熱機械股份有限公司		机器电压		3φ230V		
		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				
NO.		Symbol		Name		Manufacturer		Type		Specification		Number		Material number		Remark		
A	26			Terminal board		HONEYWELL		SK2.5		----		16		YE60002503200				
	27			Earth terminal board		HONEYWELL		GK2.5PE		----		3		YE60002503400				
	28			Terminal fittings E/GK series (honeywell)		HONEYWELL		----		PCS		4		YE60000003900				
	29			Terminal board		HONEYWELL		SK2.5		----		2		YE60002503200		(2)		
	30			Earth terminal board		HONEYWELL		GK2.5PE		----		1		YE60002503400		(2)		
	31			Terminal board		HONEYWELL		SK2.5		----		2		YE60002503200		(3)		
	32			Terminal board		HONEYWELL		SK2.5		----		2		YE60002503200		(4)		
B	33			Terminal board		HONEYWELL		SK2.5		----		3		YE60002503200		(5)		
	34			Terminal board		HONEYWELL		SK2.5		----		2		YE60002503200		(6)		
	35			Terminal board		HONEYWELL		SK2.5		----		2		YE60002503200		(7)		
	36	Y1			Solenoid valve		----		----		24V AC		1		----		(1)	
	37	Y2			Solenoid valve		----		----		24V AC		1		----		(1)(2)	
	38	M1			Pump motor		----		----		230V 50Hz 0.75KW		1		---- SIC-17W-R2-P		(1)	
	39	M1			Pump motor		----		----		230V 50Hz 1.1KW		1		---- SIC-17W-R2-HP		(1)	
C	40	M2			Compressor		----		----		230V 50Hz 4.3kW		1		----		(1)	
	41	EH1			Crankcase heating belt		----		----		24V AC 35W		1		----		(1)	
机型版本 Ver. A		Note: (1) Materials not in the control box; (2) Optional liquid pipe valve; (3) Optional chilled water switch; (4) Optional cooling water switch; (5) Optional flow sensor; (6) Optional water level switch; (7) Optional remote switch;																
D						制图	吴小林	版号	0	标题 SIC-17W-R2		图号 SIC-17W-R2-CE-230V-0-5		比例		第 5 张		
						设计	吴小林	核准		电气元件明细表二				标准 CE		共 5 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	20191014							机器频率		50Hz
1		2		3		4		5		6		7		8				



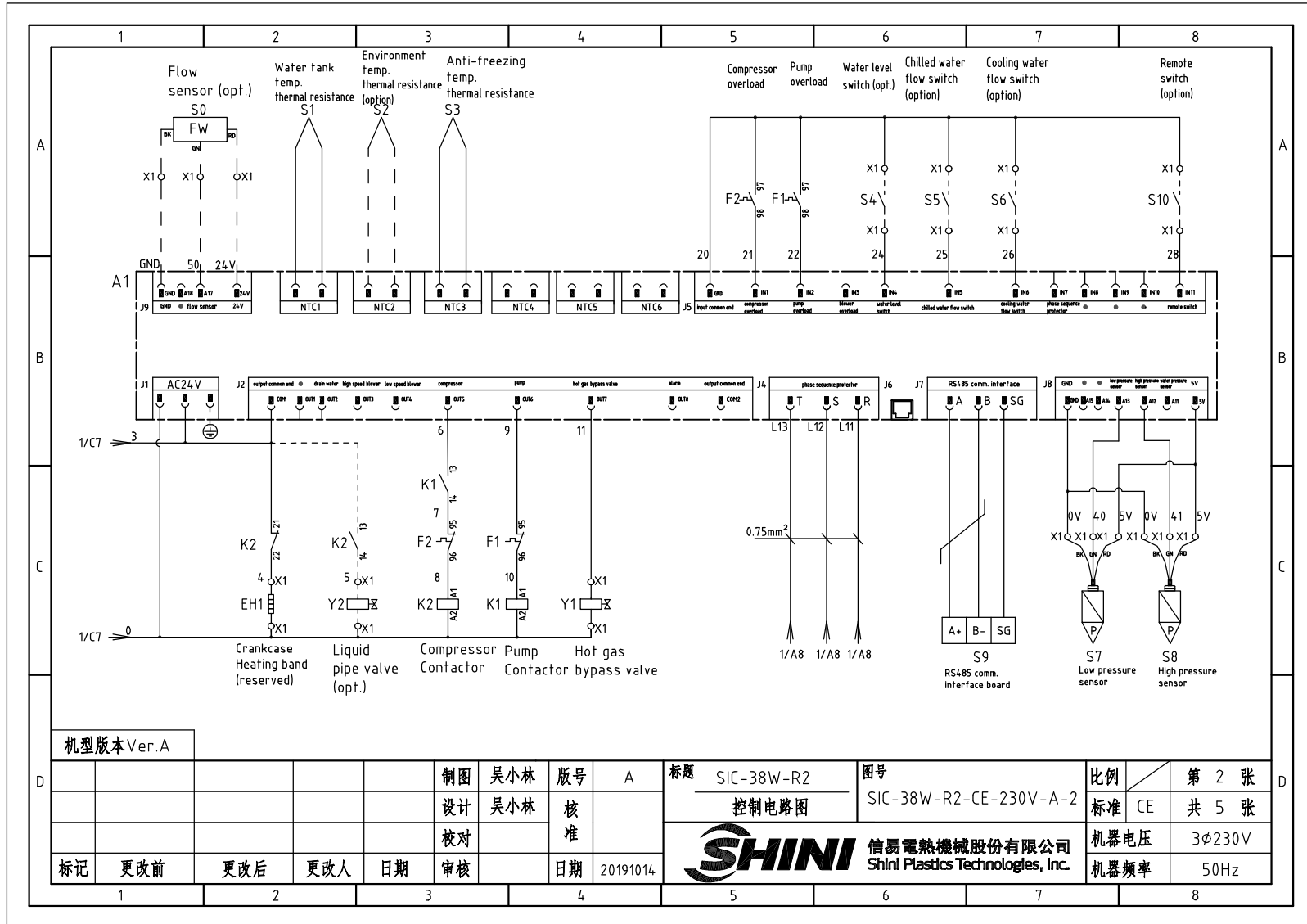


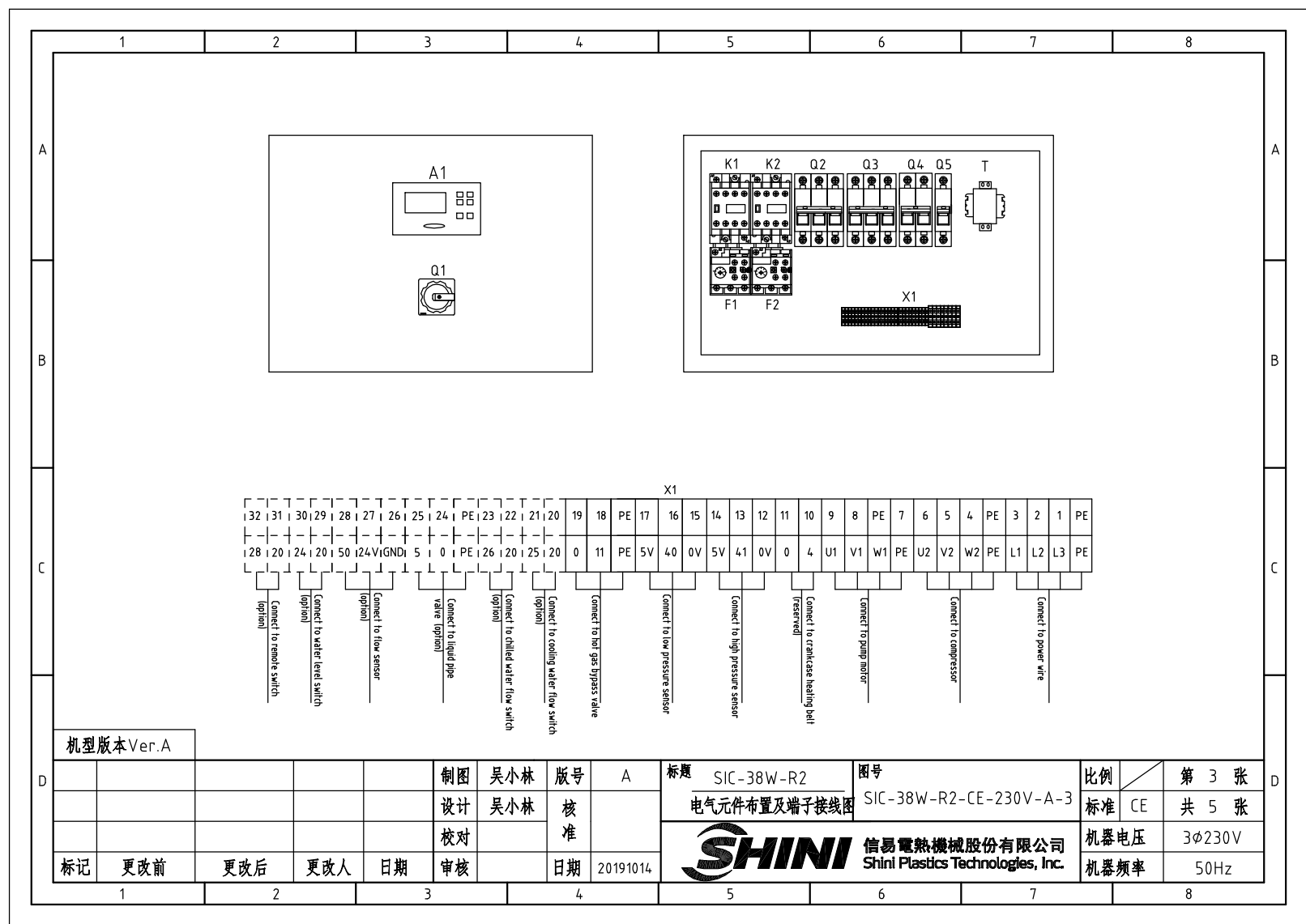
机型版本 Ver.A												
				制图	吴小林	版号	A	标题	SIC-29W-R2	图号	比例	第 2 张
				设计	吴小林	核准		控制电路图	SIC-29W-R2-CE-230V-A-2	标准	CE	共 5 张
				校对								
标记	更改前	更改后	更改人	日期	审核	日期	20191014		信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		机器电压	3ø230V
											机器频率	50Hz



1		2	3	4	5	6	7	8
N0.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark
1	Q1	Main power switch	EATON	P1-63/EA/SVB	32A	1	YE10323200000	
2	Q2	Circuit breaker	TECO	BM-63C/3010S	10A	1	YE40301003000	
3	Q3	Circuit breaker	TECO	BM-63C/3050S	50A	1	YE40305003000	
4	Q4	Circuit breaker	TECO	BM-63C/2003S	3A	1	YE40200203000	
5	Q5	Circuit breaker	TECO	BM-63C/1006S	6A	1	YE40100600100	
6	K1	Contacto	SIEMENS	3RT6015-1AB01	24VAC	1	YE00601502500	
7	K2	Contacto	SIEMENS	3RT6027-1AC20	24VAC	1	YE00602702600	
8	F1	Overload relay	SIEMENS	3RU6116-1DB0	3.5-5A	1	YE01160350000	
9	F2	Overload relay	SIEMENS	3RU6126-4DB0	20-25A	1	YE01260200000	
10	A1	Controller	PUNP	Single pressure water chiller controller SF317503A	AC 24V	1	YE80317506700	
11	T	Transformer	JIUXIN	IN=230V/200V OUT=24V	120VA		YE70232002400	
12	S0	Flow sensor	----	----	----	1	----	(1)(5)
13	S1	Water tank temp. thermal resistance	PUNP	RTD	Φ7X110mm 1/8" PT,3.5m	1	YE90711000000	
14	S3	Anti-freeze temp. thermal resistance	PUNP	RTD	Φ4X85 4M 1/4PT	1	YE90001400700	
15	S4	Water level switch	----	----	----	1	----	(1)(6)
16	S5	Chilled water flow switch	----	----	----	1	----	(1)(3)
17	S6	Cooling water flow switch	----	----	----	1	----	(1)(4)
18	S7	Low pressure sensor	----	----	----	1	----	(1)
19	S8	High pressure sensor	----	----	----	1	----	(1)
20	S9	Comm. interface board RS-485 (double Dsub-9pin connector)	YUYUN	----	----	1	YE90048501200	(1)
21		Shell RS-485 (SAL-700G-A-19) ver.0	BINCHENG	----	----	1	YR40048500000	(1)
22	S10	Remote switch	----	----	----	1	----	(1)(7)
23	X1	Terminal board	HONEYWELL	SK2.5	----	13	YE60002503200	
24		Earth terminal board	HONEYWELL	GK2.5PE	----	2	YE60002503400	
25		Terminal board	HONEYWELL	SK2.5	----	2	YE60002503200	(2)
机型版本 Ver.A		Note: (1) Materials not in the control box; (2) Optional liquid pipe valve; (3) Optional chilled water switch; (4) Optional cooling water switch; (5) Optional flow sensor; (6) Optional water level switch; (7) Optional remote switch;						
D				制图	吴小林	版号	A	标题
				设计	吴小林	核准		SIC-29W-R2
				校对		核准		电气元件明细表一
	标记	更改前	更改后	更改人	日期	审核	日期	20191014
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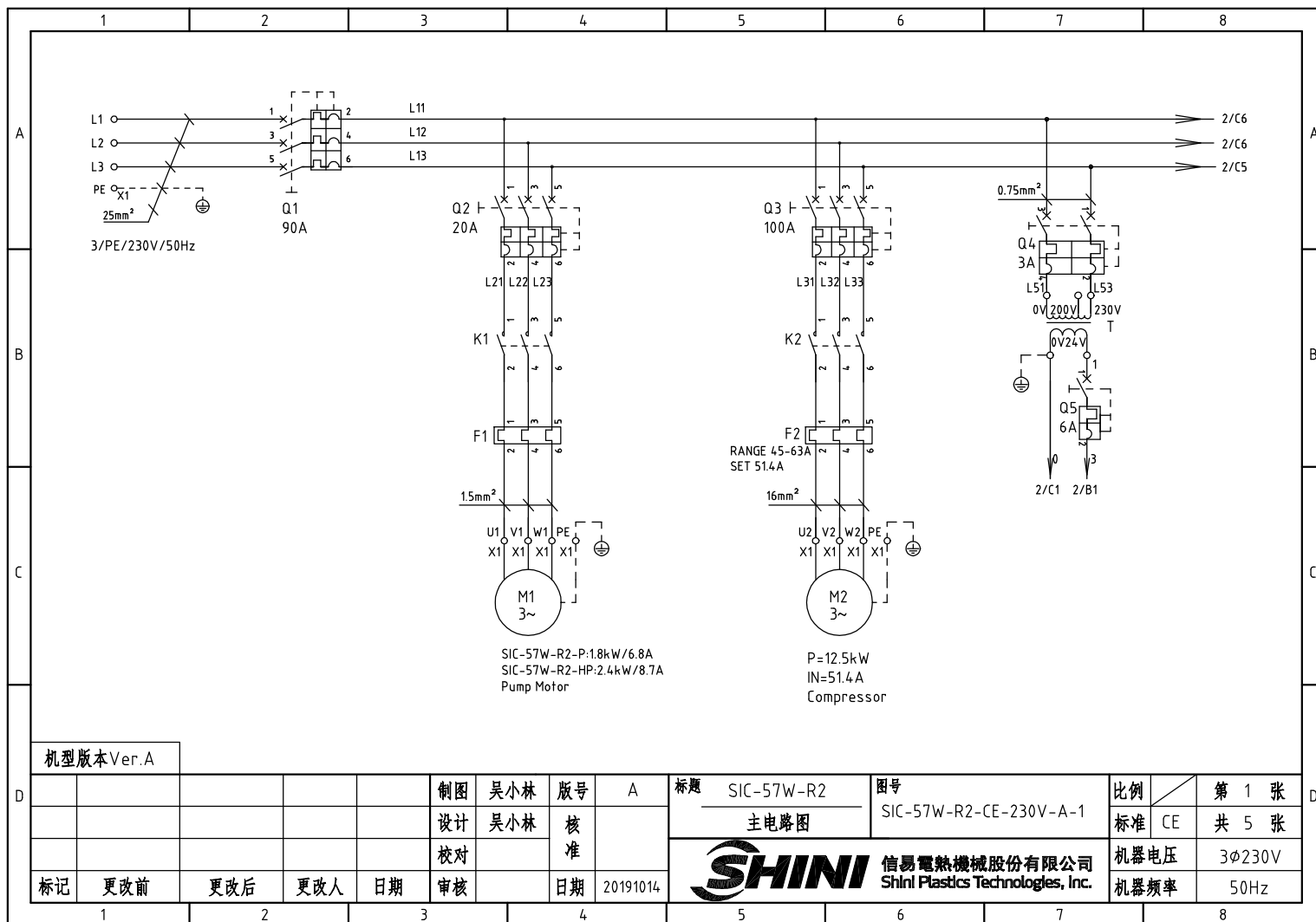
1		2		3		4		5		6		7		8		
No.	Symbol	Name			Manufacturer		Type		Specification		Number	Material number		Remark		
A	26		Earth terminal board			HONEYWELL		GK2.5PE		----		1	YE60002503400		(2)	
	27		Terminal board			HONEYWELL		GK6		----		6	YE60000603200			
	28		Earth terminal board			HONEYWELL		GK6PE		----		2	YE60000603500			
	29		Earth terminal board			HONEYWELL		SK2.5		----		2	YE60002503200		(3)	
	30		Earth terminal board			HONEYWELL		SK2.5		----		2	YE60002503200		(4)	
	31		Earth terminal board			HONEYWELL		SK2.5		----		3	YE60002503200		(5)	
	32		Earth terminal board			HONEYWELL		SK2.5		----		2	YE60002503200		(6)	
	33		Earth terminal board			HONEYWELL		SK2.5		----		2	YE60002503200		(7)	
B	34	Y1	Solenoid valve			----		----		24V AC		1	----		(1)	
	35	Y2	Solenoid valve			----		----		24V AC		1	----		(1)(2)	
	36	M1	Pump motor			----		----		230V 50Hz 1.1KW		1	---- SIC-29W-R2-P		(1)	
	37	M1	Pump motor			----		----		230V 50Hz 1.1KW		1	---- SIC-29W-R2-HP		(1)	
	38	M2	Compressor			----		----		230V 50Hz 6.16kW		1	----		(1)	
	39	EH1	Crankcase heating belt			----		----		230V 50/60HZ 35W		1	----		(1)	
	40		Terminal fittings E/GK series (honeywell)			HONEYWELL		----		PCS		4	YE60000003900			
C																
D	机型版本 Ver.A		Note: (1) Materials not in the control box; (2) Optional liquid pipe valve; (3) Optional chilled water switch; (4) Optional cooling water switch; (5) Optional flow sensor; (6) Optional water level switch; (7) Optional remote switch;													
						制图 吴小林	版号 A	标题 SIC-29W-R2		图号 SIC-29W-R2-CE-230V-A-5		比例		第 5 张		
						设计 吴小林	核准	电气元件明细表二				标准 CE		共 5 张		
						校对										
	标记 更改前		更改后	更改人	日期	审核		日期 20191014			信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		机器电压 3ø230V			
													机器频率 50Hz			
1		2		3		4		5		6		7		8		

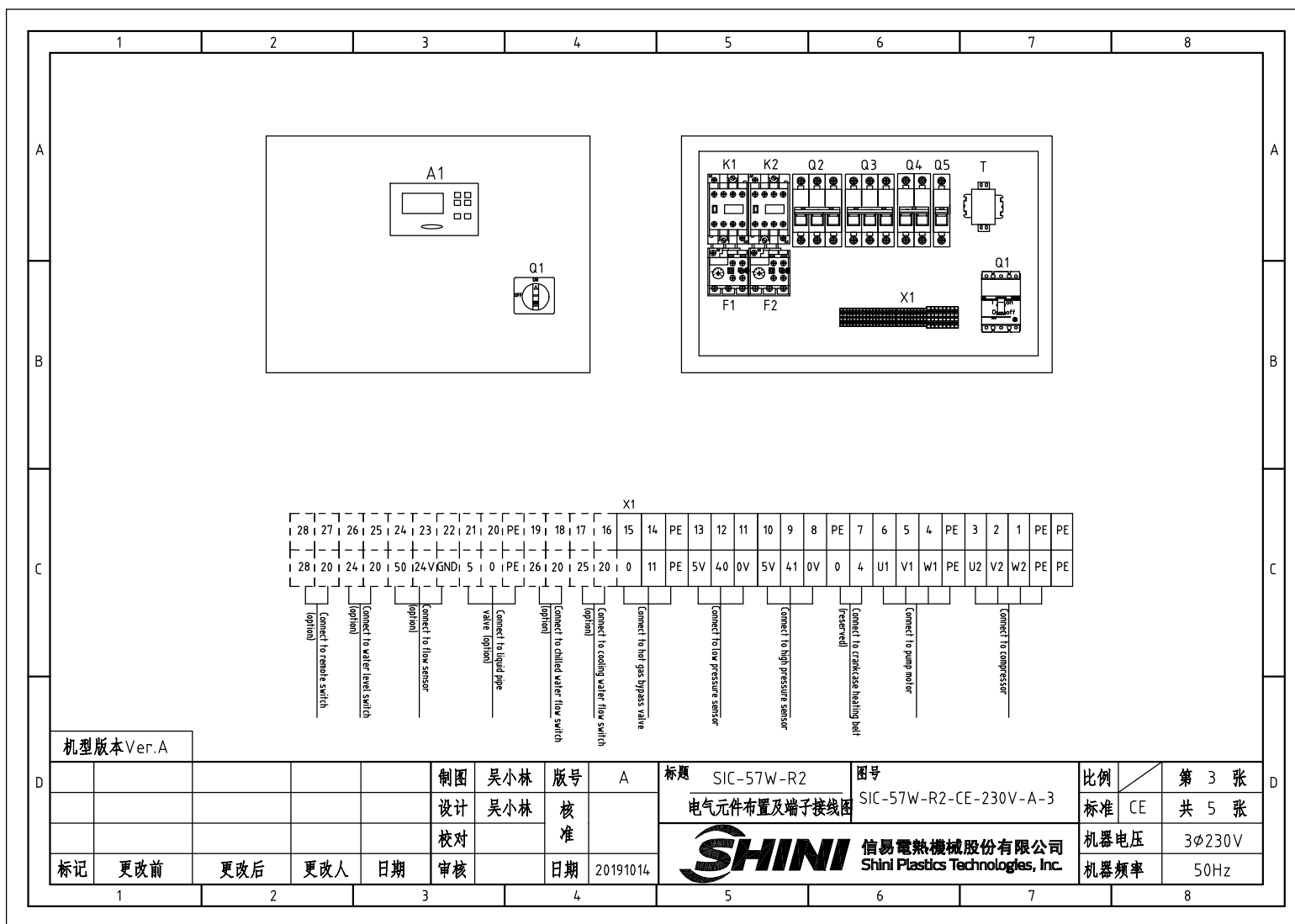




1		2		3		4		5		6		7		8					
NO.		Symbol		Name		Manufacturer		Type		Specification		Number		Material number		Remark			
A	1	Q1	Main power switch		EATON		P1-63/EA/SVB		63A		1		YE10636300000						
	2	Q2	Circuit breaker		TECO		BM-63C/3016S		16A		1		YE40301603000						
	3	Q3	Circuit breaker		TECO		BM-100D/3080S		80A		1		YE40308003000						
	4	Q4	Circuit breaker		TECO		BM-63C/2003S		3A		1		YE40200203000						
	5	Q5	Circuit breaker		TECO		BM-63C/1006S		6A		1		YE40100600100						
	6	K1	Contactor		SIEMENS		3RT6017-1AB01		24VAC		1		YE00601702500						
	7	K2	Contactor		SIEMENS		3RT5036-1AC20		24VAC		1		YE00503602600						
B	8	F1	Overload relay		SIEMENS		3RU6116-1GB0		4.5-6.32A		1		YE01160450000		SIC-38W-R2-P				
	9	F1	Overload relay		SIEMENS		3RU6116-1JB0		7-10A		1		YE01167100000		SIC-38W-R2-HP				
	10	F2	Overload relay		SIEMENS		3RU5136-4FB0		28-40A		1		YE01513600100						
	11	A1	Controller		PUNP		Single pressure water chiller controller SF317503A		AC 24V		1		YE80317506700						
	12	T	Transformer		JIUXIN		IN=230V/200V OUT=24V		120VA		1		YE70232002400						
	13	S0	Flow sensor		----		----		----		1		----		(1)(5)				
	14	S1	Water tank temp. thermal resistance		PUNP		RTD		Φ7x110mm 1/8" PT,3.5m		1		YE90711000000						
C	15	S3	Anti-freeze temp. thermal resistance		PUNP		RTD		Φ4X85 4M 1/4PT		1		YE90001400700						
	16	S4	Water level switch		----		----		----		1		----		(1)(6)				
	17	S5	Chilled water flow switch		----		----		----		1		----		(1)(3)				
	18	S6	Cooling water flow switch		----		----		----		1		----		(1)(4)				
	19	S7	Low pressure sensor		----		----		----		1		----		(1)				
	20	S8	High pressure sensor		----		----		----		1		----		(1)				
	21	S9	Comm. interface board RS-485 (double Dsub-9pin connector)		YUYUN		----		----		1		YE90048501200		(1)				
	22		Shell RS-485 (SAL-700G-A-19) ver.0		BINCHENG		----		----		1		YR40048500000		(1)				
	23	X1	Terminal board		HONEYWELL		SK2.5		----		13		YE60002503200						
	24		Earth terminal board		HONEYWELL		GK2.5PE		----		2		YE60002503400						
	25	S10	Terminal board		----		----		----		1		----		(1)(7)				
D	机型版本 Ver. A		Note: (1) Materials not in the control box; (2) Optional liquid pipe valve; (3) Optional chilled water switch; (4) Optional cooling water switch; (5) Optional flow sensor; (6) Optional water level switch; (7) Optional remote switch;																
						制图	吴小林	版号	A	标题		SIC-38W-R2		图号		SIC-38W-R2-CE-230V-A-4		比例	第 4 张
						设计	吴小林	核准		电气元件明细表一				标准		CE	共 5 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	20191014					机器频率		50Hz			
1		2		3		4		5		6		7		8					

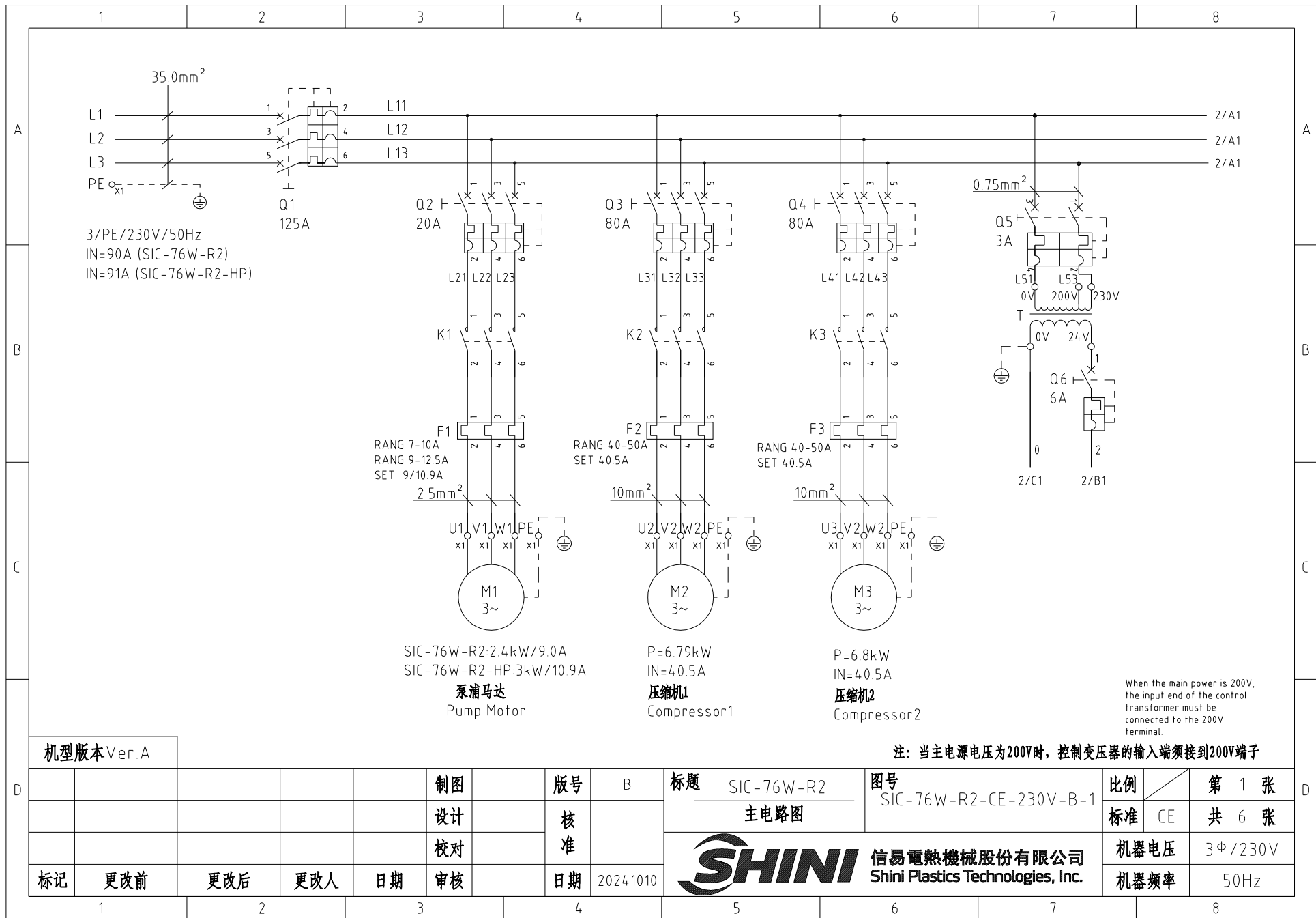
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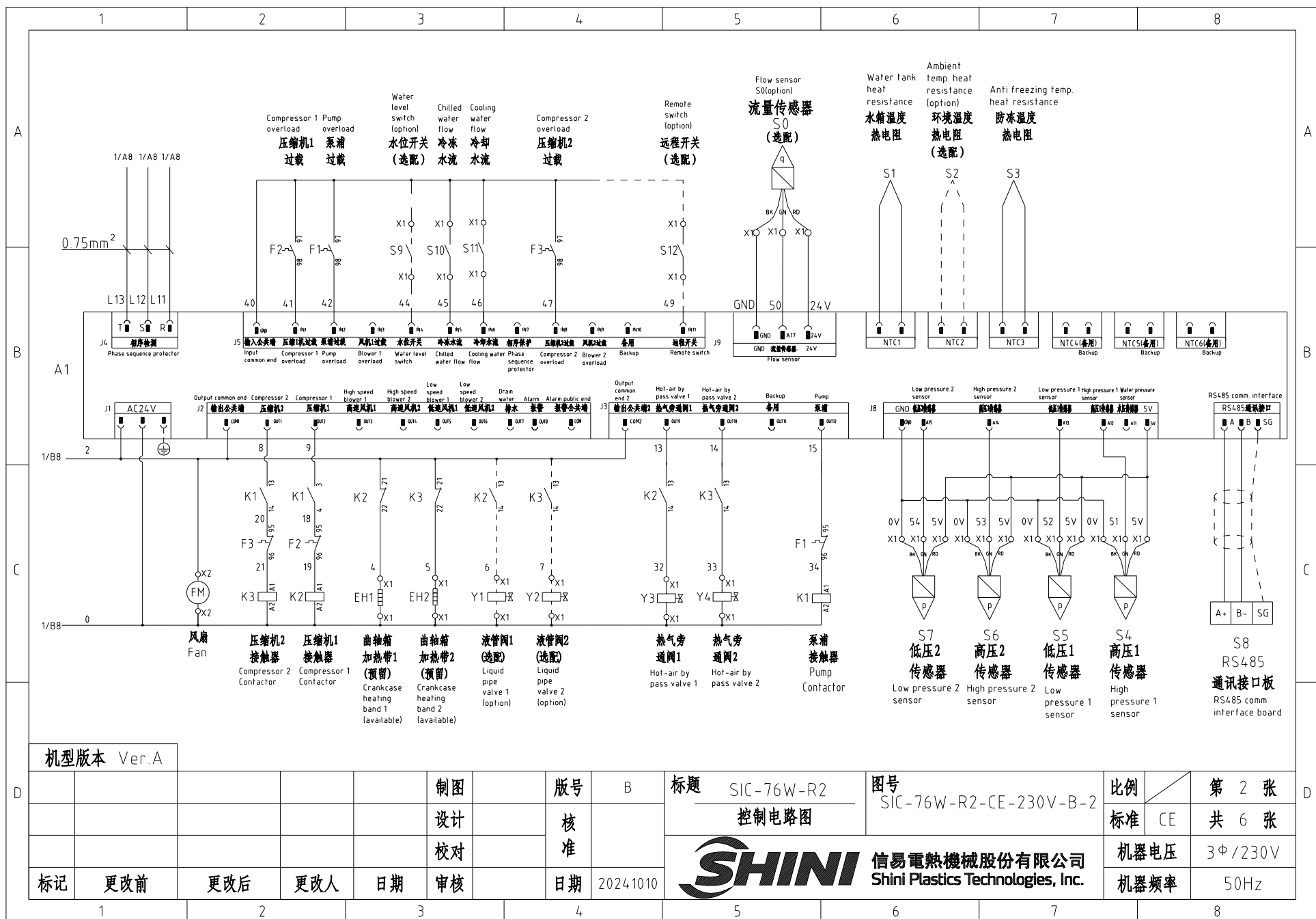


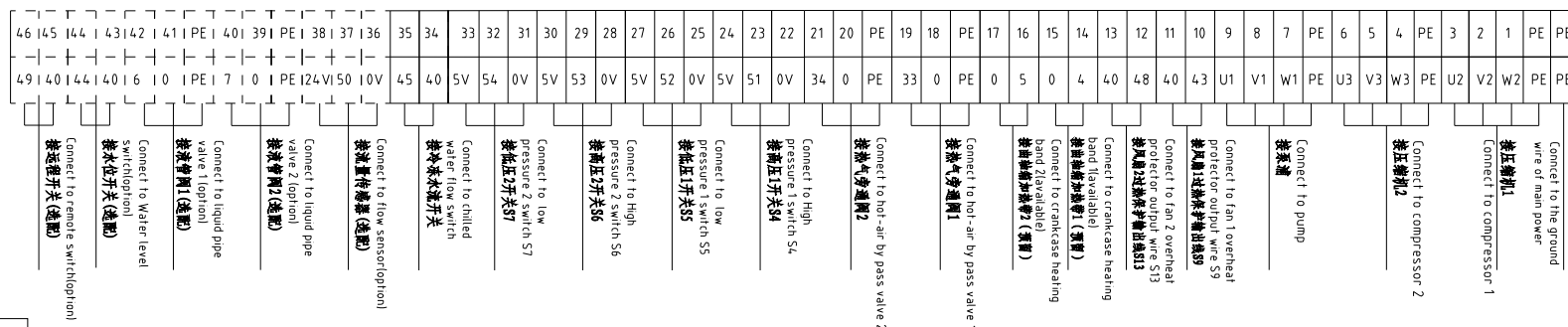
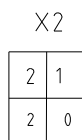
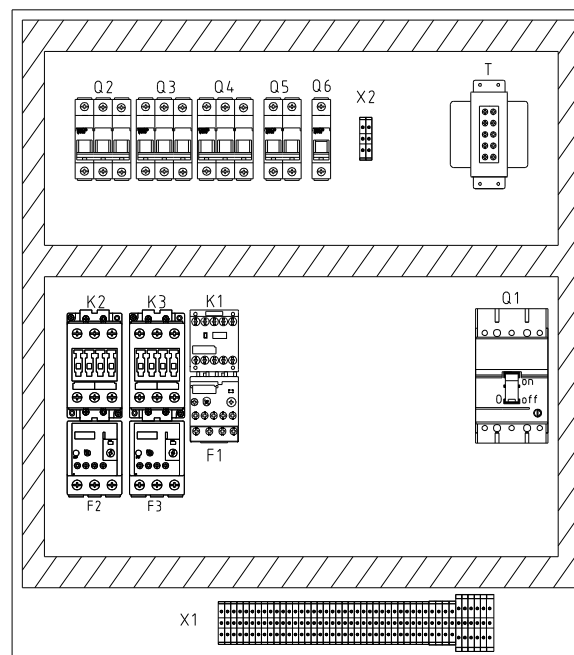
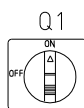


1		2		3		4		5		6		7		8					
NO.		Symbol		Name		Manufacturer		Type		Specification		Number		Material number		Remark			
A	1	Q1	Breaker interlock			ABB		A1A125TMF90/9003PFF		90A		1		YE41109200000					
	2	Q2	Circuit breaker			TECO		BM-63C/3020S		20A		1		YE40302003000					
	3	Q3	Circuit breaker			TECO		BM-100D/30100S		100A		1		YE40310003000					
	4	Q4	Circuit breaker			TECO		BM-63C/2003S		3A		1		YE40200203000					
	5	Q5	Circuit breaker			TECO		BM-63C/1006S		6A		1		YE40100600100					
	6	K1	Contactor			SIEMENS		3RT6017-1AB01		24 VAC		1		YE00601702500					
	7	K2	Contactor			SIEMENS		3RT5044-1AN20		24 VAC		1		YE00504400000					
B	8		Auxiliary contact			SIEMENS		3RH5921-1CA01		1NC		1		YE00592110100					
	9		Auxiliary contact			SIEMENS		3RH5921-1CA10		1NO		1		YE00592110000		(2)			
	10	F1	Overload relay			SIEMENS		3RU6116-1HB0		5.5-8A		1		YE01160550000		SIC-57W-R2-P			
	11	F1	Overload relay			SIEMENS		3RU6116-1JB0		7-10A		1		YE01167100000		SIC-57W-R2-HP			
	12	F2	Overload relay			SIEMENS		3RU5146-4JB0		45-63A		1		YE01514640000					
	13	A1	Controller			PUNP		Single pressure water chiller controller SF317503A		AC 24 V		1		YE80317506700					
	14	T	Transformer			JIUXIN		IN=230V/200V OUT=24V		120VA		1		YE70232002400					
C	15	S0	Flow sensor			----		----		----		1		----		(1)(5)			
	16	S1	Water tank temp. thermal resistance			PUNP		RTD		Φ7x110mm, 1/8" PT,3.5m		1		YE90711000000					
	17	S3	Anti-freeze temp. thermal resistance			PUNP		RTD		Φ4X85 4M 1/4PT		1		YE90001400700					
	18	S4	Water level switch			----		----		----		1		----		(1)(6)			
	19	S5	Chilled water flow switch			----		----		----		1		----		(1)(3)			
	20	S6	Cooling water flow switch			----		----		----		1		----		(1)(4)			
	21	S7	Low pressure sensor			----		----		----		1		----		(1)			
D	22	S8	High pressure sensor			----		----		----		1		----		(1)			
	23	S9	Comm. interface board RS-485 (double Dsub-9pin connector)			----		----		----		1		YE90048501200					
	24		Shell RS-485 (SAL-700G-A-19) ver.0			----		----		----		1		YR40048500000		(1)			
	25	S10	Remote switch			----		----		----		1		----		(1)(7)			
机型版本 Ver.A		Note: (1) Materials not in the control box; (2) Optional liquid pipe valve; (3) Optional chilled water switch; (4) Optional cooling water switch; (5) Optional flow sensor; (6) Optional water level switch; (7) Optional remote switch;																	
D						制图	吴小林	版号	A	标题		SIC-57W-R2		图号		SIC-57W-R2-CE-230V-A-4		比例	第 4 张
						设计	吴小林	核		电气元件明细表						标准	CE	共 5 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	20191014				机器频率	50Hz						
1		2		3		4		5		6		7		8					

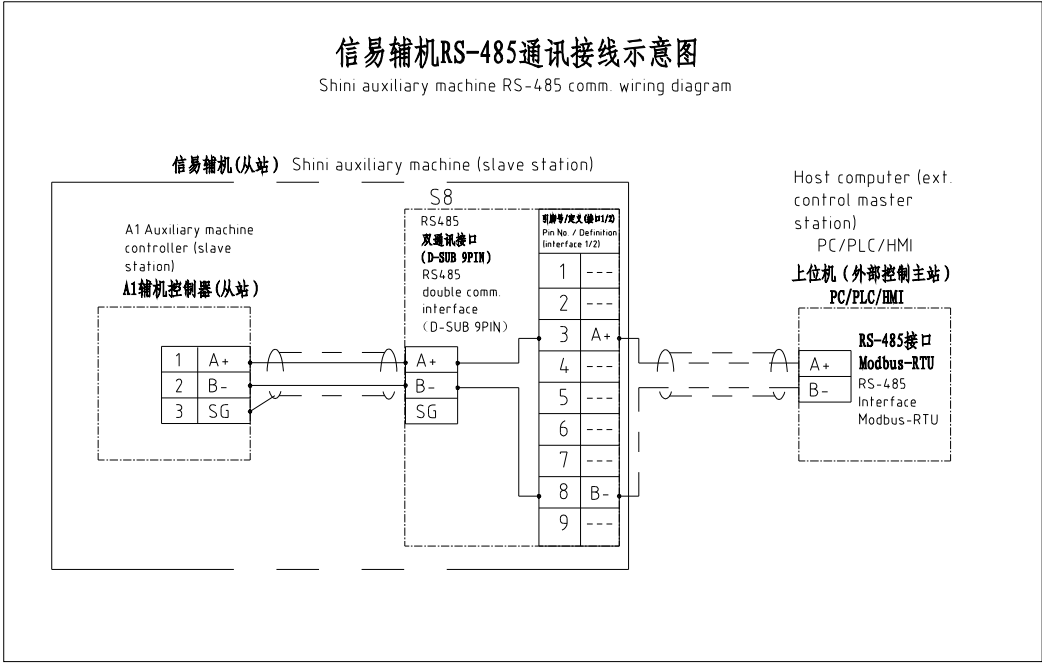
[illegible]







机型版本 Ver.A								制图				版号		B		标题 SIC-76W-R2		图号 SIC-76W-R2-CE-230V-B-3		比例		第 3 张			
								设计				核 准				电气元件布置及端子接线图		 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		标准		CE		共 6 张	
								校对								机器电压				3Φ/230V					
标记		更改前		更改后		更改人		日期		审核		日期		2024.10.10						机器频率		50Hz			



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

S8

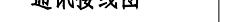
接口1 Interface 1
接口2 Interface 2

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

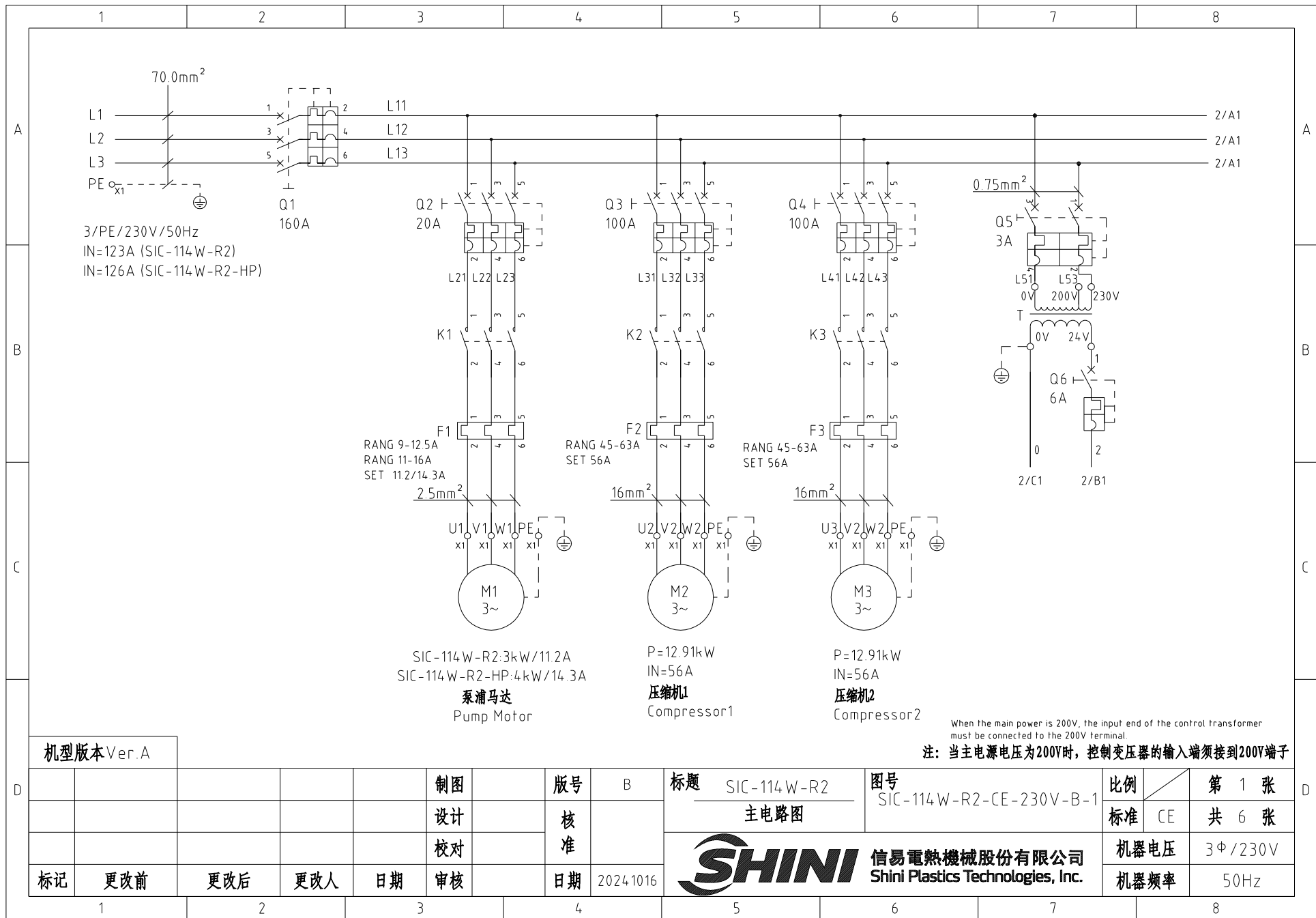
Note: 1 Comm. interface: RS-485 (two wire)
2 Comm. protocol: Modbus-RTU
3 The machine is equipped with D-sub9 female connector, and the customer needs to provide D-sub9 male connector;
4 Interface 1 and interface 2 are connected in parallel and have the same function, which is regardless of primary and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

机型版本 Ver.A

					制图		版号	B	标题 SIC-76W-R2 通讯接线图	图号 SIC-76W-R2-CE-230V-B-4	比例		第 4 张
					设计		核 准				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	3Φ/230V
标记	更改前	更改后	更改人	日期	审核		日期	2024.10.10		机器频率		50Hz	

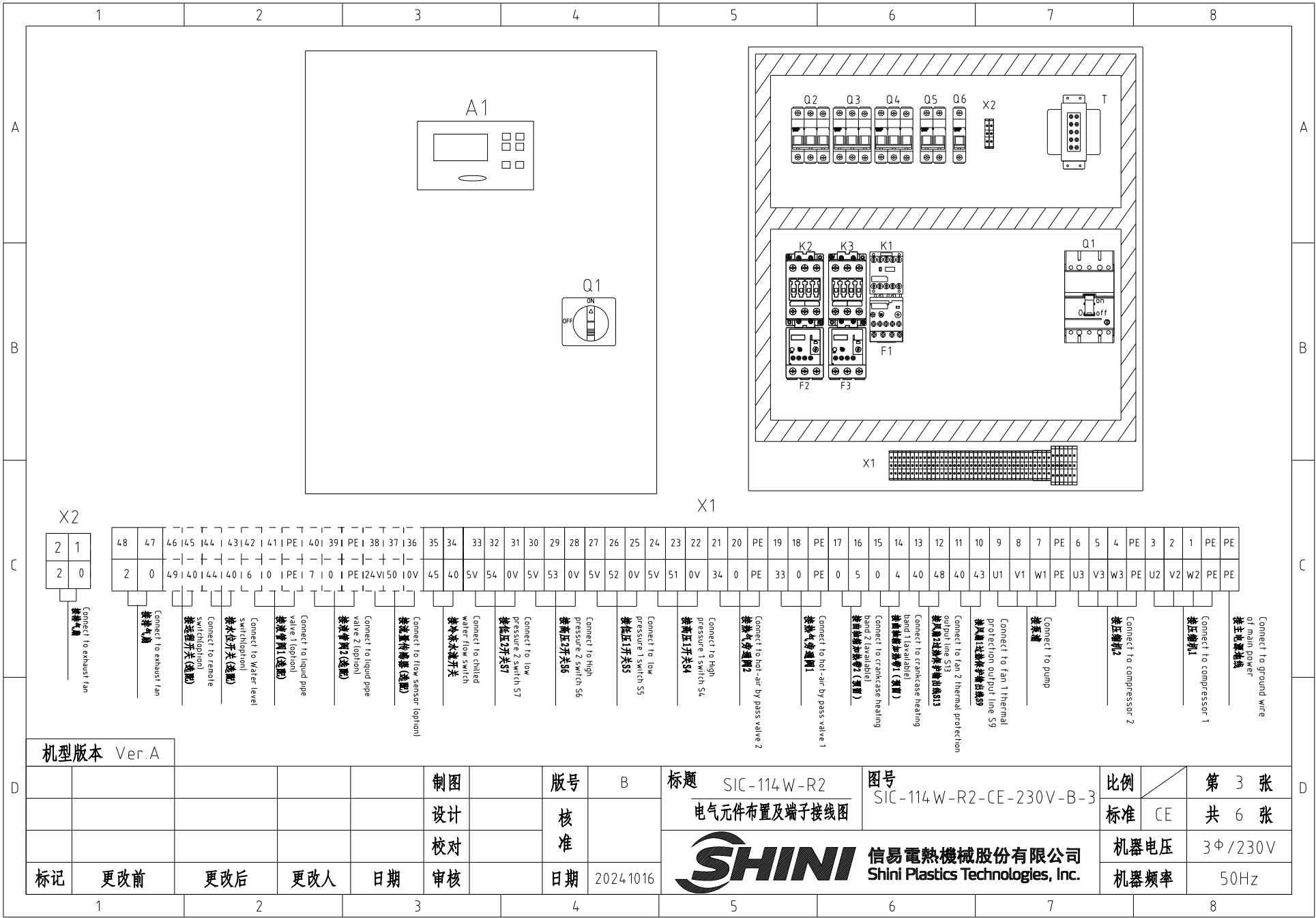
1		2		3		4		5		6		7		8		
序号/NO	符号/Symbol	名称/Name			制造商/Manufacturer		型号/Type		规格/Specification		单位/unit	数量/Number	物料编号/Material number		备注/Remark	
A	1	Q1	门连锁断路器/Break Interlock			TECO		TAX-125L3125		125A		PCS	1	YE40125301100		
	2		断路器外部操作把手 External circuit breaker handle			TECO		FB1R-CS1-C-D1(TAX-125)		450mm		PCS	1	YE90111100300		
	3	Q2	断路器/Circuit breaker			TECO		BM-63C/3020S		20A		PCS	1	YE40302003000		
	4	Q3 Q4	断路器/Circuit breaker			TECO		BM-100D/3080S		80A		PCS	2	YE40308003000		
	5	Q5	断路器/Circuit Breakers			TECO		BM-63C/2003S		3A		PCS	1	YE40200203000		
	6	Q6	断路器/Circuit Breakers			TECO		BM-63C/1006S		6A		PCS	1	YE40100600100		
B	7	K1	接触器/Contactor			SIEMENS		3RT6017-1AB01		24VAC		PCS	1	YE00601702500		SIC-76W-R2
	8	K1	接触器/Contactor			SIEMENS		3RT6018-1AB01		24VAC		PCS	1	YE00601802500		SIC-76W-R2-HP
	9	K2 K3	接触器/Contactor			SIEMENS		3RT5036-1AC20		24VAC		PCS	2	YE00503602600		
	10		辅助触点/Auxiliary contactor			SIEMENS		3RH6911-1HA11		1NC+1NO		PCS	1	YE00691100100		
	11		辅助触点/Auxiliary contactor			SIEMENS		3RH5921-1EA11		1NC+1NO		PCS	2	YE00592103100		
	12	F1	热过载继电器/Overload relay			SIEMENS		3RU6116-1JB0		7-10A		PCS	1	YE01167100000		SIC-76W-R2
	13	F1	热过载继电器/Overload relay			SIEMENS		3RU6116-1KB0		9-12.5A		PCS	1	YE01169125000		SIC-76W-R2-HP
	14	F2 F3	热过载继电器/Overload relay			SIEMENS		3RU5136-4HB0		40-50A		PCS	2	YE01513600900		
C	15	T	变压器/Transformer			JIUXIN		IN=230V/200V OUT=24V		180VA		PCS	1	YE70023005400		
	16	A1	控制器/Controller			PUNP		冷水机控制器 Chiller controller SF317504A01		24VAC/DC		PCS	1	YE80317500100		
	17	S1 S3	防冻温度热电阻/Anti freezing temp. heat resistance			PUNP		RTD		4X85 4M 1/4PT		PCS	2	YE90001400700		
	18	S8	通信接口RS-485(双端屏蔽型) Communication interface board RS-485 (double shield-type connector)			YUYUN		----		----		PCS	1	YE90048501200		(1)
	19		外置RS485(SAL-700G-A-19)0版 Shell RS485(SAL-700G-A-19)0			BINCHENG		----		----		PCS	1	YR40048500000		(1)
	20	X1 X2	端子排/Terminal board			HONEYWELL		SK2.5		2.5mm ²		PCS	34	YE60002503200		
	21		接地端子排/Grounding terminal board			HONEYWELL		GK2.5		2.5mm ² E		PCS	6	YE60002503400		
	22		端子排/Terminal board			HONEYWELL		SK10		10.0mm ²		PCS	6	YE60001003200		
	23		接地端子排/Grounding terminal board			HONEYWELL		GK10PE		10.0mm ² E		PCS	2	YE60001003500		
	24		接地端子排/Grounding terminal board			HONEYWELL		GK35PE		35.0mm ² E		PCS	1	YE60003503500		
D	25		端子排/Terminal board			HONEYWELL		SK2.5		2.5mm ²		PCS	2	YE60002503200		
	机型版本 Ver.A		注: (1)表示非电控箱内材料, (2)选配液管阀, (3)选配流量传感器, (4)选配水位开关, (5)选配远程开关。 Notes: (1)Means it's not the material inside the control box. (2)Optional liquid pipe valve. (3)Optional flow sensor. (4)Optional water level switch. (5)Optional remote switch.													
						制图		版本号	B	标题 SIC-76W-R2		图号		比例	第 5 张	
						设计		核准		电气元件明细表		SIC-76W-R2-CE-230V-B-5		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		3Φ/230V		
标记	更改前	更改后	更改人	日期	审核	日期	2024.10.10	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	26	终端固定件B/GK系列(霍尼韦尔) Terminal fittings B/GK series(honeywell)			HONEYWELL		----		----		PCS	6	YE60000003900			
	27	端子排/Terminal board			HONEYWELL		SK2.5		2.5mm ²		PCS	4	YE60002503200		(2)	
	28	接地端子排/Grounding terminal board			HONEYWELL		GK2.5		2.5mm ² E		PCS	2	YE60002503400		(2)	
	29	端子排/Terminal board			HONEYWELL		SK2.5		2.5mm ²		PCS	3	YE60002503200		(3)	
	30	端子排/Terminal board			HONEYWELL		SK2.5		2.5mm ²		PCS	2	YE60002503200		(4)	
	31	端子排/Terminal board			HONEYWELL		SK2.5		2.5mm ²		PCS	2	YE60002503200		(5)	
B	32	S0	流量传感器/Flow sensor			----		----		----		PCS	1	----		(1) (3)
	33	S4 S6	高压传感器/High pressure sensor			----		----		----		PCS	2	----		(1)
	34	S5 S7	低压传感器/Low pressure sensor			----		----		----		PCS	2	----		(1)
	35	S9	水位开关/Water level switch			----		----		----		PCS	1	----		(1) (4)
	36	S10	冷冻水流开关/Chilled water flow switch			----		----		----		PCS	1	----		(1)
	37	S11	冷却水流开关/Cooling water flow switch			----		----		----		PCS	1	----		(1)
C	38	S12	远程开关/Remote switch			----		----		----		PCS	1	----		(1) (5)
	39	M1	泵浦马达/Pump motor			----		----		230V 50/60Hz 2.4KW		PCS	1	SIC-76W-R2		(1)
	40	M1	泵浦马达/Pump motor			----		----		230V 50/60Hz 3.0KW		PCS	1	SIC-76W-R2-HP		(1)
	41	M2 M3	压缩机/Compressor			----		----		230V 50/60Hz 6.79kW		PCS	2	----		(1)
	42	EH1 EH2	曲轴箱加热带/Crankcase heating band			----		----		24VAC 35W		PCS	2	----		(1)
	43	Y1	电磁阀/Solenoid valve			----		----		230V 50/60Hz		PCS	1	----		(1)
D	44	Y2	电磁阀/Solenoid valve			----		----		230V 50/60Hz		PCS	1	----		(1) (2)
	Notes: (1)Means it's not the material inside the control box (2)Optional liquid pipe valve (3)Optional flow sensor (4)Optional water level switch (5)Optional remote switch.															
	机型版本 Ver.A		注: (1)表示非电控箱内材料, (2)选配液管阀, (3)选配流量传感器, (4)选配水位开关, (5)选配远程开关。													
						制图		版号	B	标题 SIC-76W-R2 电气元件明细表二		图号 SIC-76W-R2-CE-230V-B-6		比例		第 6 张
					设计		核						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	2024.10.10			信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		机器电压	3Φ/230V		
													机器频率	50Hz		
1		2		3		4		5		6		7		8		



机型版本Ver.A

D					制图		版号	B	标题	SIC-114W-R2	图号	SIC-114W-R2-CE-230V-B-1	比例	第 1 张	D
					设计		核		主电路图				标准	CE	
					校对		准		 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.					机器电压	3Φ/230V
	标记	更改前	更改后	更改人	日期	审核	日期	2024.10.16						机器频率	50Hz



机型版本 Ver.A

标题 SIC-114W-R2
电气元件布置及端子接线图

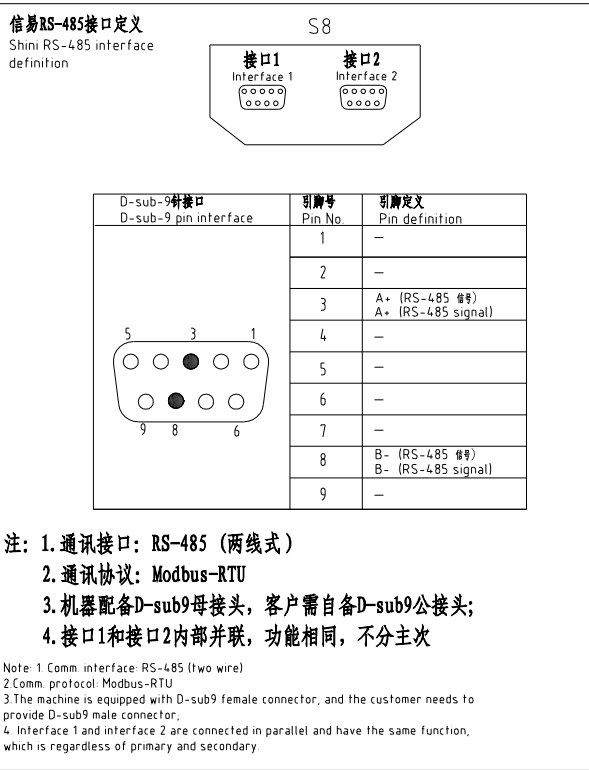
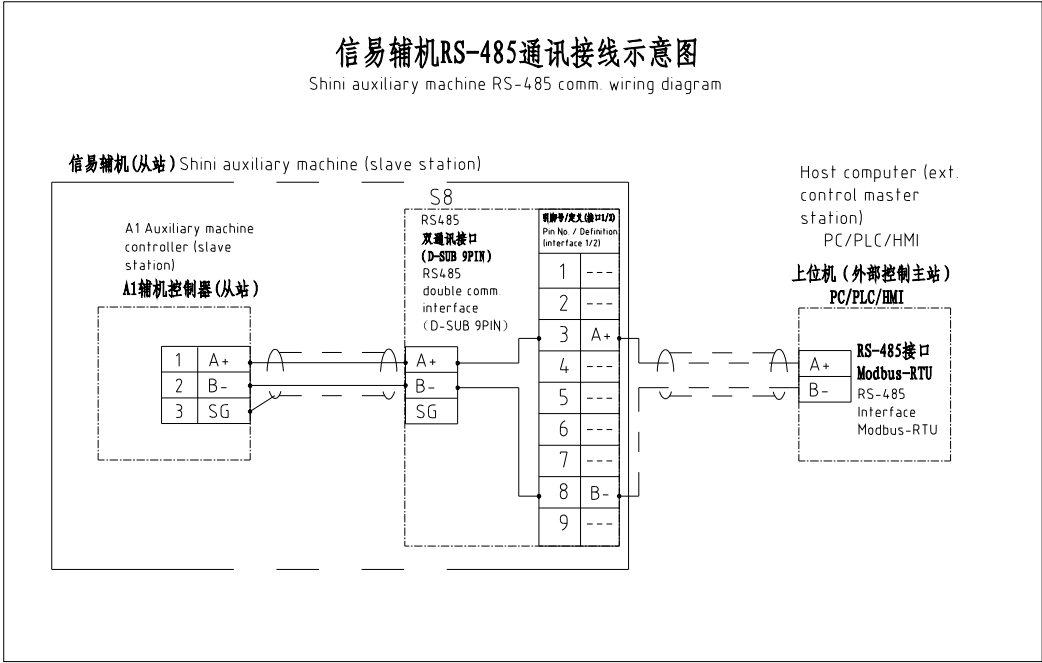
图号 SIC-114W-R2-CE-230V-B-3

比例 第 3 张
标准 CE 共 6 张



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

机器电压 3Φ/230V
机器频率 50Hz



机型版本 Ver.A

制图		版号	B	标题	SIC-114W-R2	图号	SIC-114W-R2-CE-230V-B-4	比例	第 4 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		3Φ/230V	
标记	更改前	更改后	更改人	日期	审核	日期	2024.10.16	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	门连锁断路器/Break Interlock		TECO		TAX-250L3160		160A		PCS	1	YE40250300400		
	2		断路器外部操作把手 External circuit breaker handle		TECO		FB2R-CS1-C-D1(TAX-250)		----		PCS	1	YE90211200300		
	3	Q2	断路器/Circuit breaker		TECO		BM-63C/3020S		20A		PCS	1	YE40302003000		
	4	Q3 Q4	断路器/Circuit breaker		TECO		BM-100D/3100S		100A		PCS	2	YE40310003000		
	5	Q5	断路器/Circuit Breakers		TECO		BM-63C/2003S		3A		PCS	1	YE40200203000		
	6	Q6	断路器/Circuit Breakers		TECO		BM-63C/1006S		6A		PCS	1	YE40100600100		
B	7	K1	接触器/Contactor		SIEMENS		3RT6018-1AB01		24VAC		PCS	1	YE00601802500		
	8	K2 K3	接触器/Contactor		SIEMENS		3RT5044-1AC20		24VAC		PCS	2	YE00504402600		
	9		辅助触点/Auxiliary contactor		SIEMENS		3RH6911-1HA11		1NC+1NO		PCS	1	YE00691100100		
	10		辅助触点/Auxiliary contactor		SIEMENS		3RH5921-1EA11		1NC+1NO		PCS	2	YE00592103100		
	11		辅助触点/Auxiliary contactor		SIEMENS		3RH5921-1EA11		1NC+1NO		PCS	2	YE00592103100		
	12	F1	热过载继电器/Overload relay		SIEMENS		3RU6116-1KB0		9-12.5A		PCS	1	YE01169125000		SIC-114W-R2
C	13	F1	热过载继电器/Overload relay		SIEMENS		3RU6116-4AB0		11-16A		PCS	1	YE01611640000		SIC-114W-R2-HP
	14	F2 F3	热过载继电器/Overload relay		SIEMENS		3RU5146-4JB0		4.5-63A		PCS	2	YE01514640000		
	15	T	变压器/Transformer		JIUXIN		IN=230V/200V OUT=24V		180VA		PCS	1	YE70023005400		
	16	A1	控制器/Controller		PUNP		冷水机控制器 Chiller controller SF317504A01		24VAC/DC		PCS	1	YE80317500100		
	17	S1 S3	防冻温度热电阻/Anti freezing temp. heat resistance		PUNP		RTD		4X85 4M 1/4PT		PCS	2	YE90001400700		
	18	S8	通信接口板 RS-485 (双端双芯线) Communication interface board RS-485 (double End-Spin connector)		YUYUN		----		----		PCS	1	YE90048501200		(1)
D	19		外壳 RS485 (SAL-700G-A-19) 0版 Shell RS485 (SAL-700G-A-19) 0		BINCHENG		----		----		PCS	1	YR40048500000		(1)
	20	X1 X2	端子排/Terminal board		HONEYWELL		SK2.5		2.5mm ²		PCS	36	YE60002503200		
	21		接地端子排/Grounding terminal board		HONEYWELL		GK2.5PE		2.5mm ² PE		PCS	3	YE60002503400		
	22		接地端子排/Grounding terminal board		HONEYWELL		GK16		16.0mm		PCS	6	YE60001603200		
	23		端子排/Terminal board		HONEYWELL		GK16PE		16.0mm ² PE		PCS	2	YE60001603500		
	24		接地端子排/Grounding terminal board		HONEYWELL		GK35PE		35.0mm ² PE		PCS	1	YE60003503500		
机型版本 Ver.A		注: (1)表示非电控箱内材料。(2)选配流量阀。(3)选配流量传感器。(4)选配水位开关。(5)选配远程开关。 Notes: (1)Means it's not the material inside the control box. (2)Optional liquid pipe valve. (3)Optional Flow sensor. (4)Optional water level switch. (5)Optional remote switch.													
					制图		版本号 B	标题 SIC-114W-R2		图号 SIC-114W-R2-CE-230V-B-5		比例		第 5 张	
					设计		核准	电气元件明细表				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	3Φ/230V		
标记	更改前	更改后	更改人	日期	审核		日期			2024.10.16			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	26	端子排/Terminal board			HONEYWELL		SK2.5		2.5mm ²		PCS	4	YE60002503200		(2)	
	27	接地端子排/Grounding terminal board			HONEYWELL		GK2.5		2.5mm ² PE		PCS	2	YE60002503400		(2)	
	28	端子排/Terminal board			HONEYWELL		2.5mm ²		----		PCS	3	YE60002503200		(3)	
	29	端子排/Terminal board			HONEYWELL		2.5mm ²		----		PCS	2	YE60002503200		(4)	
	30	端子排/Terminal board			HONEYWELL		2.5mm ²		----		PCS	2	YE60002503200		(5)	
	31	S0	流量传感器/Flow sensor			----		----		----		PCS	1	----		(1) (3)
B	32	S4 S6	高压传感器/High pressure sensor			----		----		----		PCS	2	----		(1)
	33	S5 S7	低压传感器/Low pressure sensor			----		----		----		PCS	2	----		(1)
	34	S9	水位开关/Water level switch			----		----		----		PCS	1	----		(1) (4)
	35	S10	冷冻水流开关/Chilled water flow switch			----		----		----		PCS	1	----		(1)
	36	S11	冷却水流开关/Cooling water flow switch			----		----		----		PCS	1	----		(1)
	37	S12	远程开关/Remote switch			----		----		----		PCS	1	----		(1) (5)
C	38	M1	泵浦马达/Pump motor			----		----		230V 50/60Hz 3KW		PCS	1	SIC-114W-R2		(1)
	39	M1	泵浦马达/Pump motor			----		----		230V 50/60Hz 4KW		PCS	1	SIC-114W-R2-HP		(1)
	40	M2 M3	压缩机/Compressor			----		----		230V 50/60Hz 12.5kW		PCS	2	----		(1)
	41	EH1 EH2	曲轴箱加热带/Crankcase heating band			----		----		24VAC 35W		PCS	2	----		(1)
	42	Y1	电磁阀/Solenoid valve			----		----		230V 50/60Hz		PCS	1	----		(1)
	43	Y2	电磁阀/Solenoid valve			----		----		230V 50/60Hz		PCS	1	----		(1) (2)
Notes: (1)Means it's not the material inside the control box. (2)Optional liquid pipe valve. (3) Optional Flow sensor. (4) Optional water level switch. (5)Optional remote switch.																
机型版本 Ver.A		注: (1)表示非电控箱内材料, (2)选配液管阀, (3)选配流量传感器, (4)选配水位开关, (5)选配远程开关。														
D					制图		版号	B	标题 SIC-114W-R2		图号 SIC-114W-R2-CE-230V-B-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		3Φ/230V			
	标记	更改前	更改后	更改人	日期	审核	日期	2024.10.16			机器频率		50Hz			
1		2		3		4		5		6		7		8		