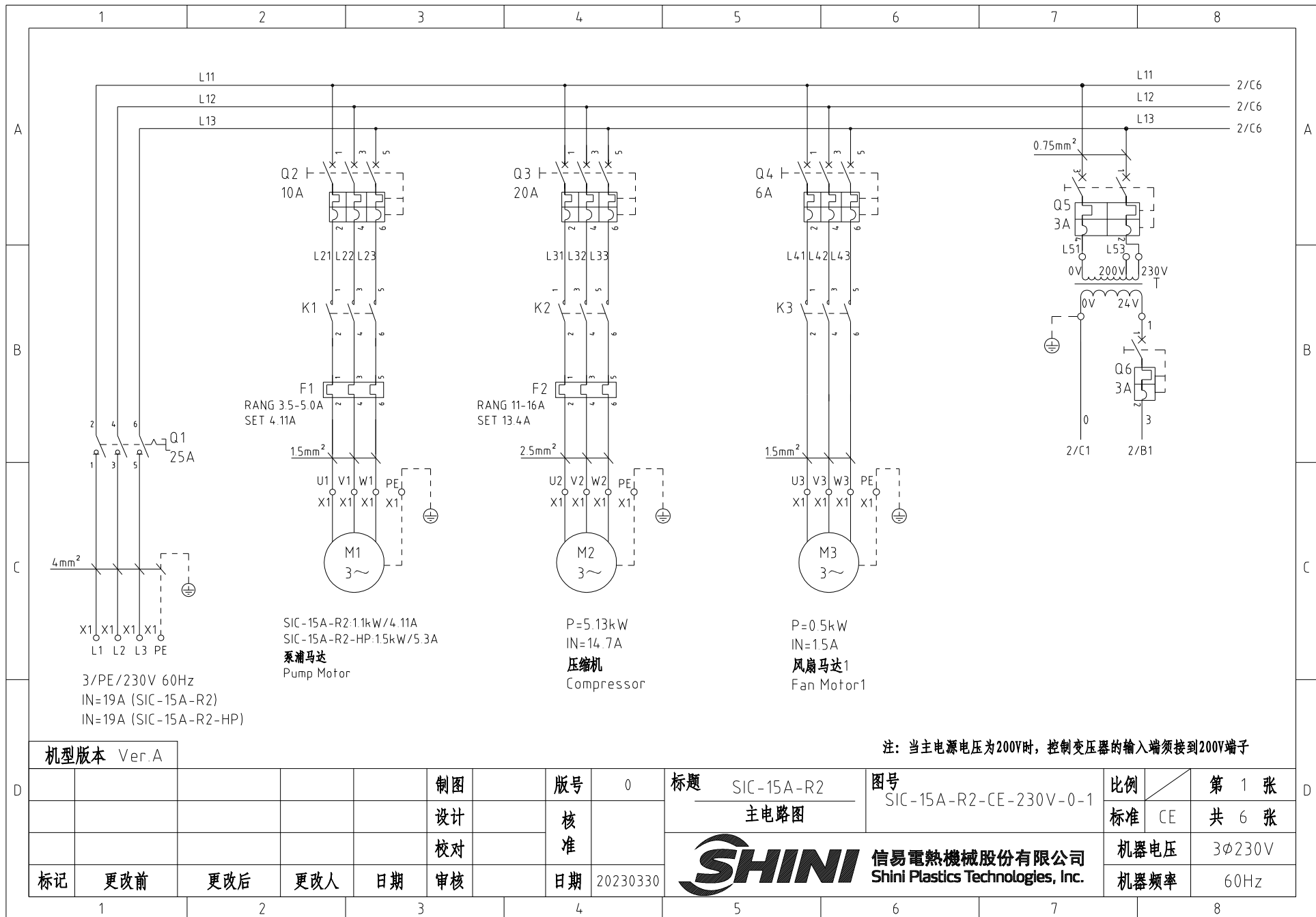
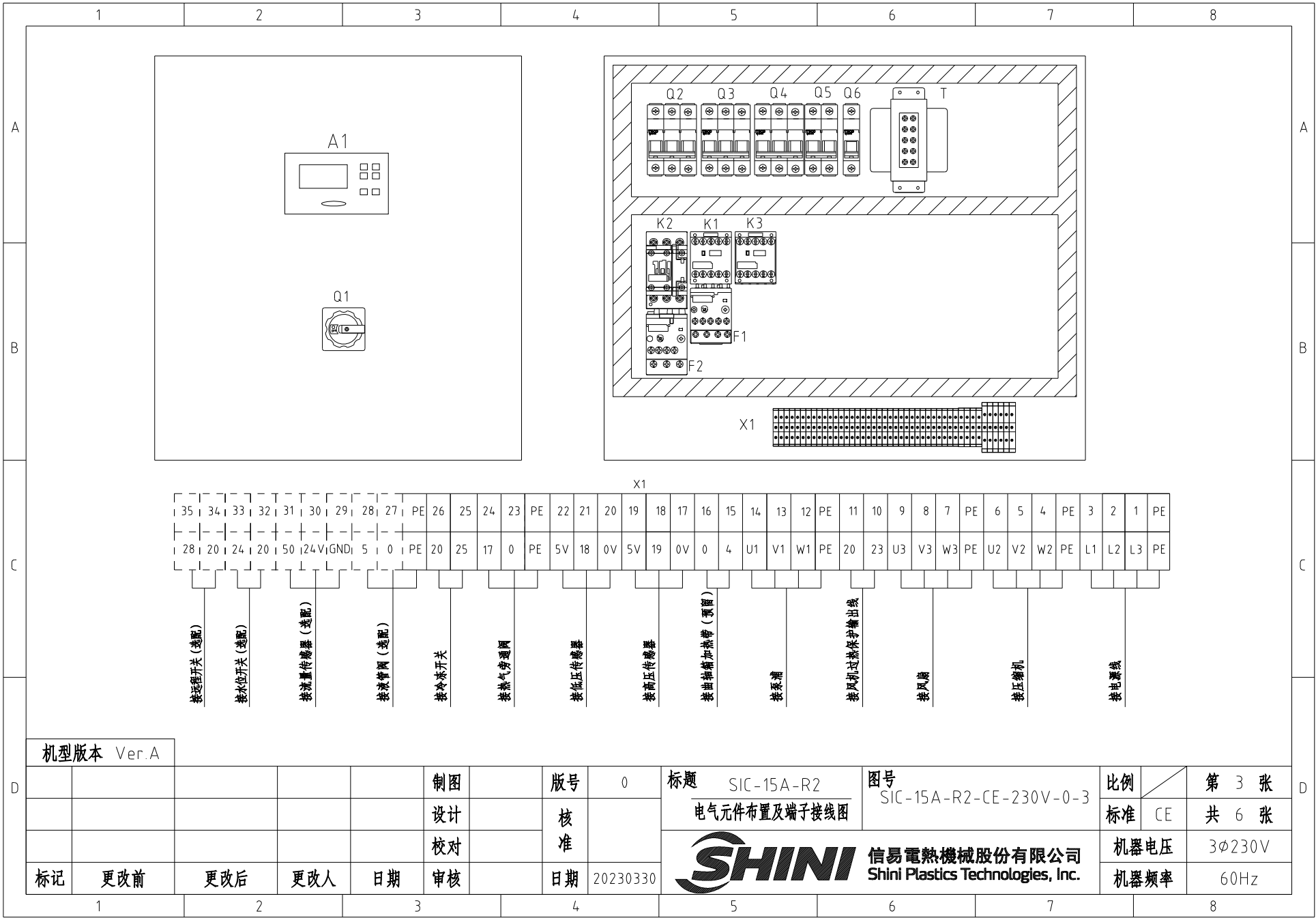






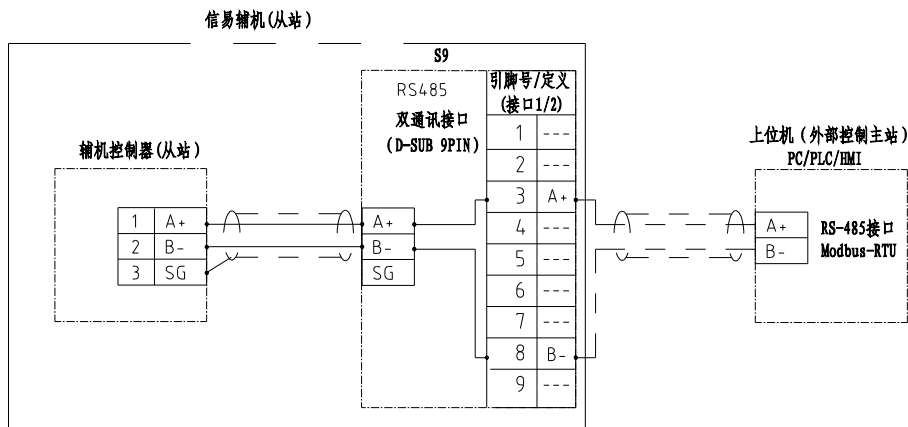


A

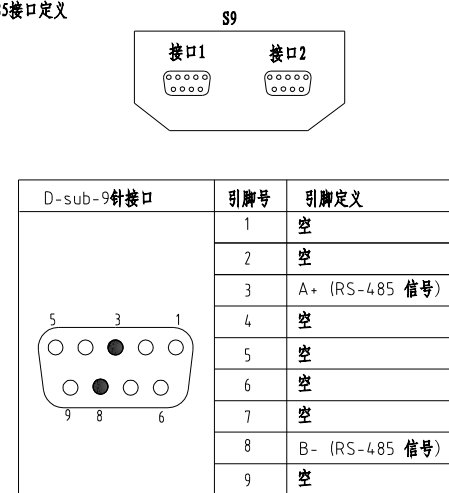
B

C

信易辅机RS-485通讯接线示意图



信易RS-485接口定义



- 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;

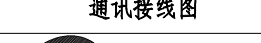
A

B

C

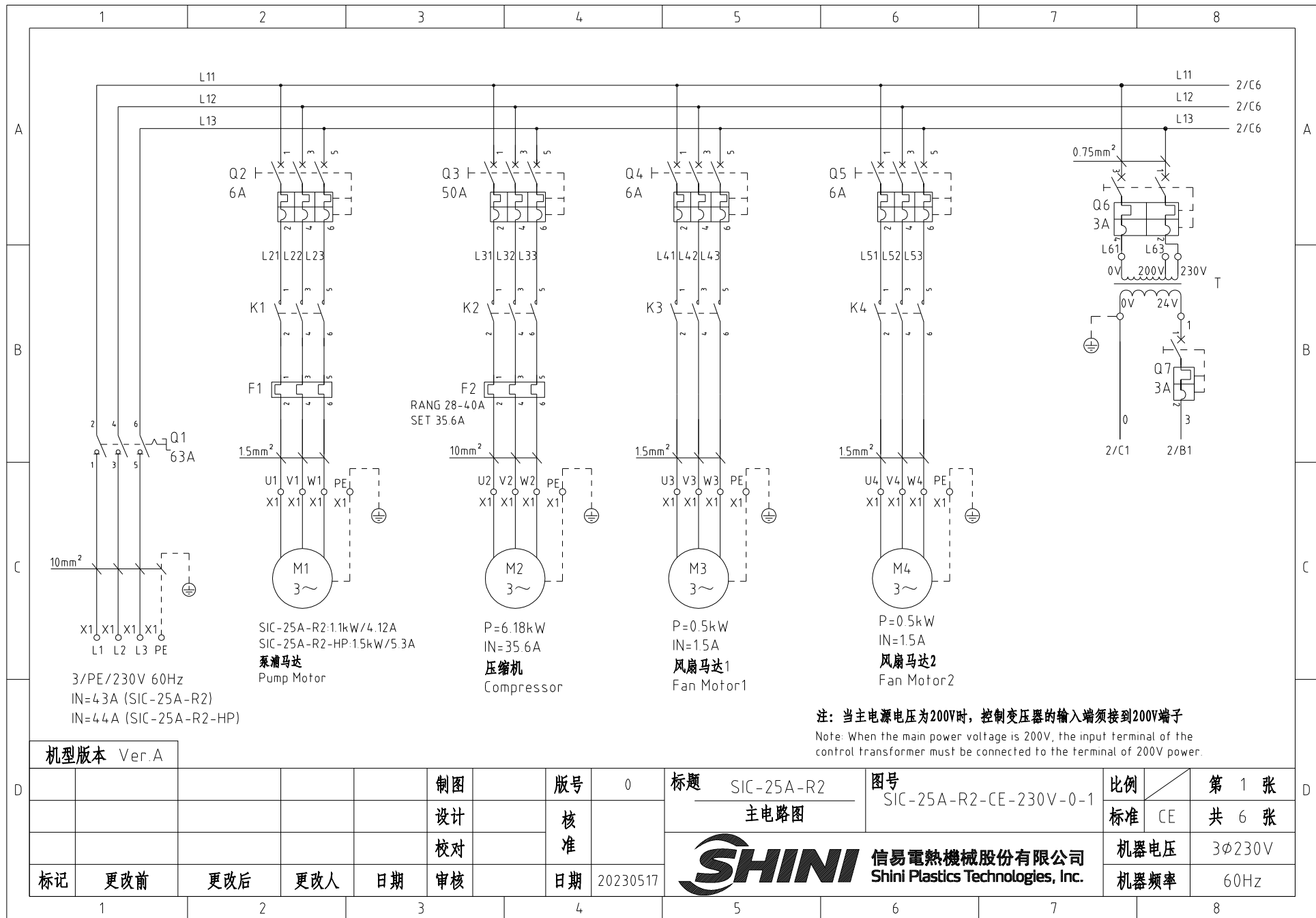
D

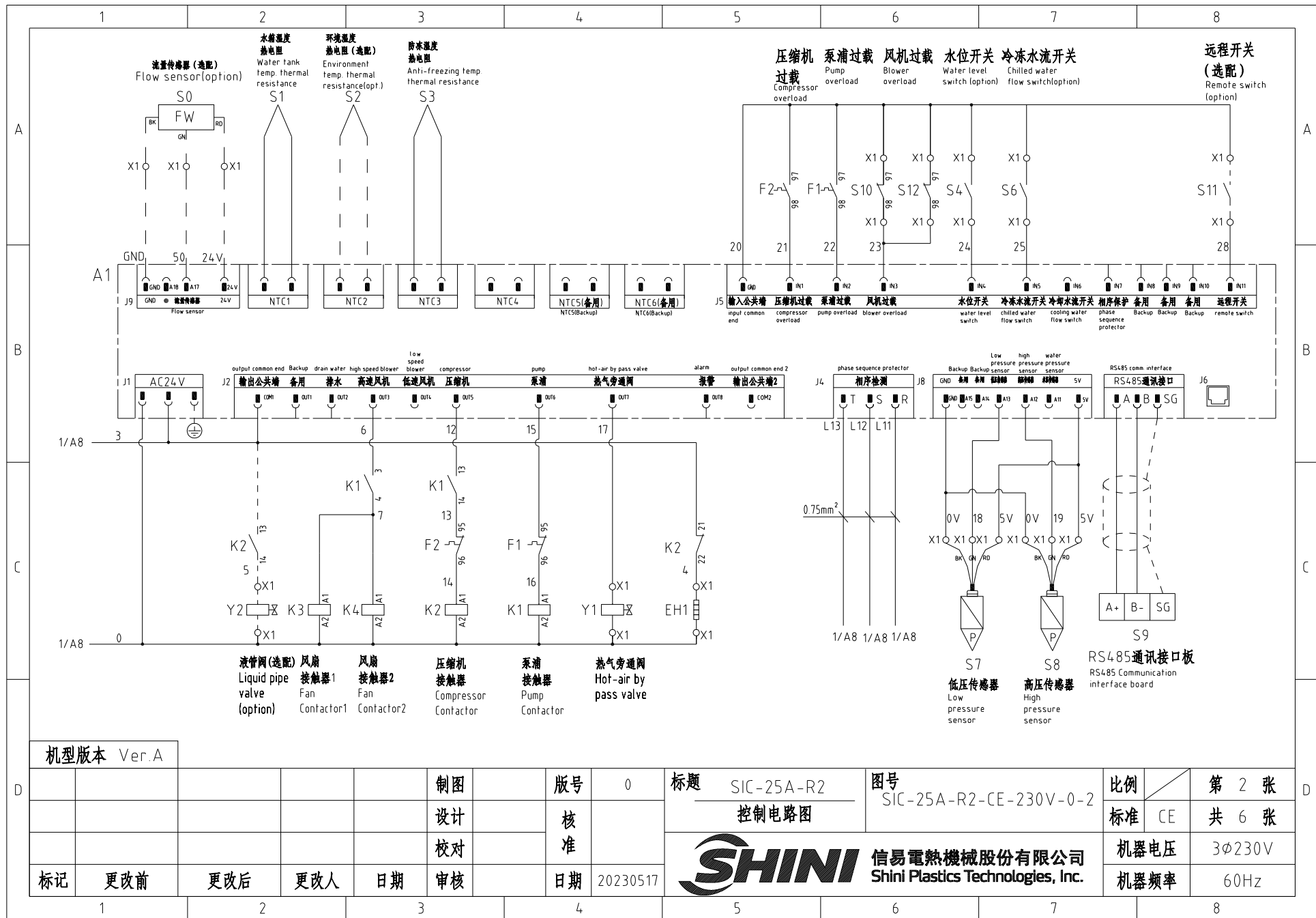
D

|            |  |     |  |     |  |     |  |    |  |          |  |                                                                                       |  |                                                   |  |      |  |                        |  |    |  |       |  |
|------------|--|-----|--|-----|--|-----|--|----|--|----------|--|---------------------------------------------------------------------------------------|--|---------------------------------------------------|--|------|--|------------------------|--|----|--|-------|--|
| 机型版本 Ver.A |  |     |  |     |  | 制图  |  | 版号 |  | 0        |  | 标题                                                                                    |  | SIC-15A-R2                                        |  | 图号   |  | SIC-15A-R2-CE-230V-0-4 |  | 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<br>Shini Plastics Technologies, Inc. |  | 机器电压 |  | 3φ230V                 |  |    |  |       |  |
| 标记         |  | 更改前 |  | 更改后 |  | 更改人 |  | 日期 |  | 20230330 |  |                                                                                       |  |                                                   |  | 机器频率 |  | 60Hz                   |  |    |  |       |  |

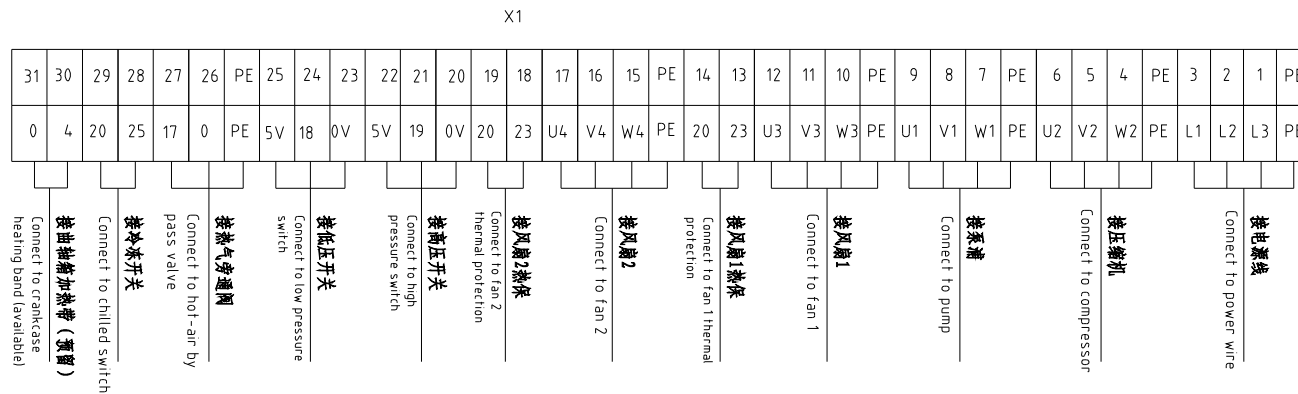
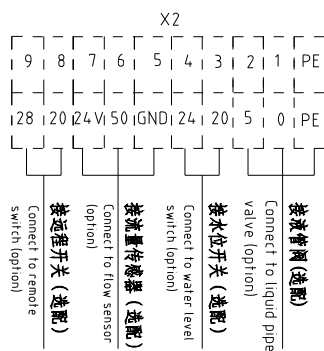
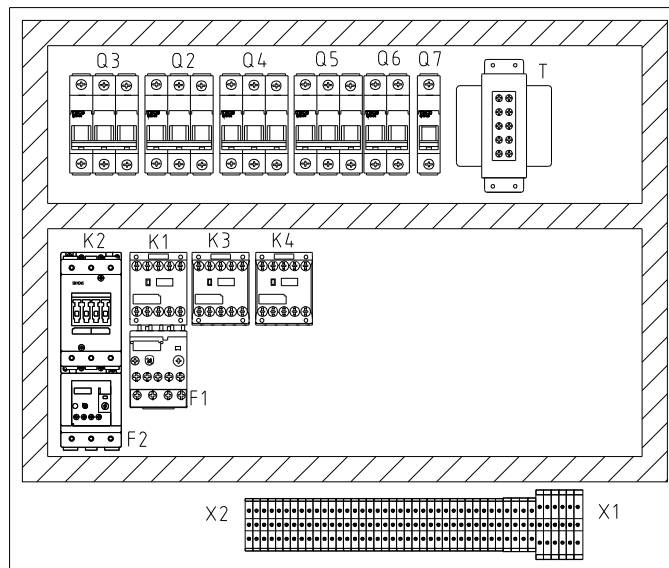
| 1          |           | 2                                                           |                           | 3   |                  | 4         |         | 5                    |                                                                                                                                         | 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 switch         |     |                  | EATON     |         | P1-25/EA/SVB         |                                                                                                                                         | 25A                   |                           | ----      | 1                    | YE10125250000 |           |         |
|            | 2         | Q2                                                          | 断路器/Circuit breaker       |     |                  | TECO      |         | BM-63C/3010S         |                                                                                                                                         | 10A                   |                           | ----      | 1                    | YE40301003000 |           |         |
|            | 3         | Q3                                                          | 断路器/Circuit breaker       |     |                  | TECO      |         | BM-63C/3020S         |                                                                                                                                         | 20A                   |                           | ----      | 1                    | YE40302003000 |           |         |
|            | 4         | Q4                                                          | 断路器/Circuit breaker       |     |                  | TECO      |         | BM-63C/3006S         |                                                                                                                                         | 6A                    |                           | ----      | 1                    | YE40300603000 |           |         |
|            | 5         | Q5                                                          | 断路器/Circuit breaker       |     |                  | TECO      |         | BM-63C/2003S         |                                                                                                                                         | 3A                    |                           | ----      | 1                    | YE40200203000 |           |         |
|            | 6         | Q6                                                          | 断路器/Circuit breaker       |     |                  | TECO      |         | BM-63C/1006S         |                                                                                                                                         | 6A                    |                           | ----      | 1                    | YE40100600100 |           |         |
|            | 7         | K1 K3                                                       | 接触器/Contactor             |     |                  | SIEMENS   |         | 3RT6015-1AB01        |                                                                                                                                         | 24 VAC                |                           | ----      | 2                    | YE00601502500 |           |         |
| B          | 8         | K2                                                          | 接触器/Contactor             |     |                  | SIEMENS   |         | 3RT6017-1AB01        |                                                                                                                                         | 24 VAC                |                           | ----      | 1                    | YE00601702500 |           |         |
|            | 9         |                                                             | 辅助触点/auxiliary block      |     |                  | SIEMENS   |         | 3RH6911-1HA11        |                                                                                                                                         | 1NO+1NC               |                           | ----      | 1                    | YE00691100100 |           |         |
|            | 10        | F1                                                          | 热过载继电器/Overload relay     |     |                  | SIEMENS   |         | 3RU6116-1FB0         |                                                                                                                                         | 3.5-5.0 A             |                           | ----      | 1                    | YE01160350000 |           |         |
|            | 11        | F2                                                          | 热过载继电器/Overload relay     |     |                  | SIEMENS   |         | 3RU6116-4JB0         |                                                                                                                                         | 11-16 A               |                           | ----      | 1                    | YE01260110000 |           |         |
|            | 12        | A1                                                          | 控制器/Controller            |     |                  | PUNP      |         | 单压机冷水机控制器SF317503A   |                                                                                                                                         | AC 24 V               |                           | ----      | 1                    | YE80317506700 |           |         |
|            | 13        | S1 S3                                                       | 防冻温度热电阻/Anti-frozen RTD   |     |                  | PUNP      |         | RTD                  |                                                                                                                                         | 4X85 4M 1/4PT         |                           | ----      | 2                    | YE90001400700 |           |         |
|            | 14        | T                                                           | 变压器/Transformer           |     |                  | JIUXIN    |         | IN=230V/200V OUT=24V |                                                                                                                                         | 120VA                 |                           | ----      | 1                    | YE70232002400 |           |         |
| C          | 15        | S9                                                          | 通信接口板RS-485(雙Dsub-9pin接頭) |     |                  | ----      |         | ----                 |                                                                                                                                         | ----                  |                           | ----      | 1                    | YE90048501200 |           | (1)     |
|            | 16        |                                                             | 外殼RS485(SAL-700G-A-19)0版  |     |                  | ----      |         | ----                 |                                                                                                                                         | ----                  |                           | ----      | 1                    | YR40048500000 |           | (1)     |
|            | 17        | X1                                                          | 端子排/Terminal board        |     |                  | HONEYWELL |         | SK2.5                |                                                                                                                                         | 2.5mm <sup>2</sup>    |                           | ----      | 23                   | YE60002503200 |           |         |
|            | 18        |                                                             | 接地端子排/Terminal board      |     |                  | HONEYWELL |         | GK2.5PE              |                                                                                                                                         | 2.5mm <sup>2</sup> PE |                           | ----      | 4                    | YE60002503400 |           |         |
|            | 19        |                                                             | 端子排/Terminal board        |     |                  | HONEYWELL |         | SK4                  |                                                                                                                                         | 4.0mm <sup>2</sup>    |                           | ----      | 3                    | YE60000403200 |           |         |
|            | 20        |                                                             | 接地端子排/Terminal board      |     |                  | HONEYWELL |         | GK5PE                |                                                                                                                                         | 4.0mm <sup>2</sup>    |                           | ----      | 1                    | YE60000403500 |           |         |
|            | 21        |                                                             | 终端固定件E/GK系列(霍尼韦尔)         |     |                  | HONEYWELL |         | ----                 |                                                                                                                                         | ----                  |                           | ----      | 5                    | YE60000003900 |           |         |
|            | 22        | Y1                                                          | 电磁阀/Solenoid valve        |     |                  | ----      |         | ----                 |                                                                                                                                         | 24 VAC                |                           |           | 1                    | ----          |           | (1) (4) |
|            | 23        | Y2                                                          | 电磁阀/Solenoid valve        |     |                  | ----      |         | ----                 |                                                                                                                                         | 24 VAC                |                           |           | 1                    | ----          |           | (1)     |
|            | 24        | M1                                                          | 泵浦马达/Pump motor           |     |                  | ----      |         | ----                 |                                                                                                                                         | 230V 60Hz 1.1KW       |                           |           | 1                    | ----          |           | (1)     |
| 25         | M2        | 压缩机/Compressor                                              |                           |     | ----             |           | ----    |                      | 230V 60Hz 4.27KW                                                                                                                        |                       |                           | 1         | ----                 |               | (1)       |         |
| 机型版本 Ver.A |           | 注: (1)表示非电控箱内材料, (2)选配水位开关, (3)选配远程开关, (4)选配液管阀, (5)选配流量传感器 |                           |     |                  |           |         |                      |                                                                                                                                         |                       |                           |           |                      |               |           |         |
| D          |           |                                                             |                           |     | 制图               |           | 版本号     | 0                    | 标题 SIC-15A-R2                                                                                                                           |                       | 图号 SIC-15A-R2-CE-230V-0-5 |           | 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       |                      |  信易電熱機械股份有限公司<br>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      | 20230330             |                                                                                                                                         |                       | 机器频率                      |           | 60Hz                 |               |           |         |
| 1          |           | 2                                                           |                           | 3   |                  | 4         |         | 5                    |                                                                                                                                         | 6                     |                           | 7         |                      | 8             |           |         |

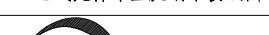










|            |  |     |  |     |  |     |  |    |  |          |  |                                                                                                                                         |  |            |  |        |  |                        |  |       |  |       |  |
|------------|--|-----|--|-----|--|-----|--|----|--|----------|--|-----------------------------------------------------------------------------------------------------------------------------------------|--|------------|--|--------|--|------------------------|--|-------|--|-------|--|
| 机型版本 Ver.A |  |     |  |     |  | 制图  |  | 版号 |  | 0        |  | 标题                                                                                                                                      |  | SIC-25A-R2 |  | 图号     |  | SIC-25A-R2-CE-230V-0-3 |  | 比例    |  | 第 3 张 |  |
|            |  |     |  |     |  | 设计  |  | 核  |  |          |  | 电气元件布置及端子接线图                                                                                                                            |  |            |  | 标准     |  | CE                     |  | 共 6 张 |  |       |  |
|            |  |     |  |     |  | 校对  |  | 准  |  |          |  |  信易電熱機械股份有限公司<br>Shini Plastics Technologies, Inc. |  | 机器电压       |  | 3φ230V |  |                        |  |       |  |       |  |
| 标记         |  | 更改前 |  | 更改后 |  | 更改人 |  | 日期 |  | 20230517 |  |                                                                                                                                         |  | 机器频率       |  | 60Hz   |  |                        |  |       |  |       |  |

A

B

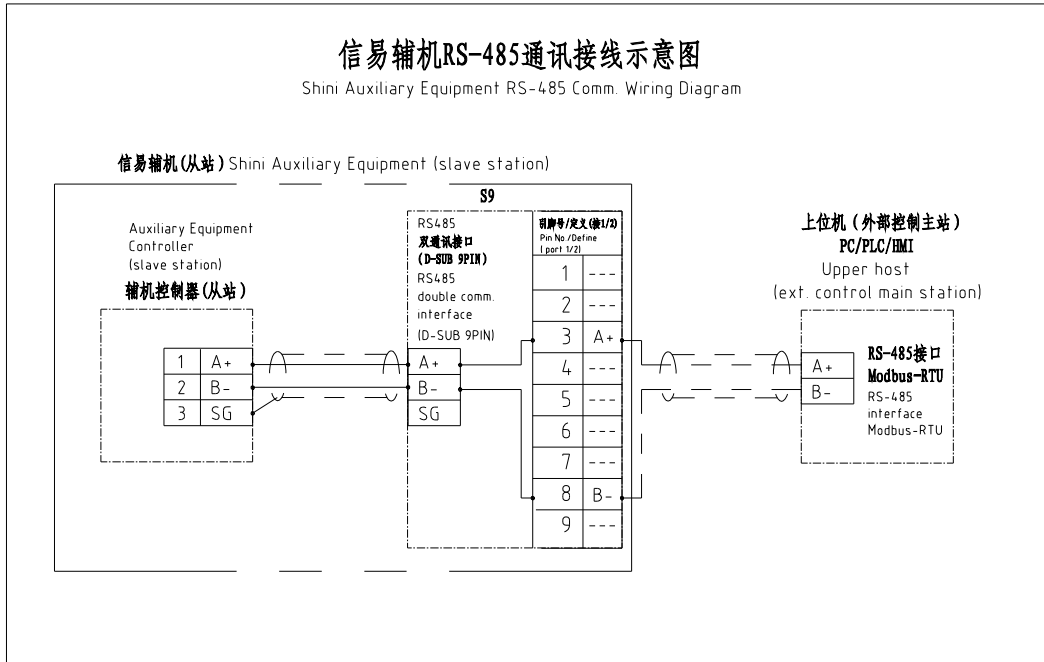
C

A

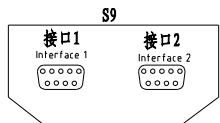
B

C

信易辅机RS-485通讯接线示意图  
Shini Auxiliary Equipment RS-485 Comm. Wiring Diagram



信易RS-485接口定义  
Shini RS-485 Interface Define

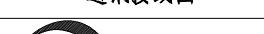


| D-sub-9针接口<br>D-sub-9 pin interface | 引脚号<br>Pin No | 引脚定义<br>Pin definition               |
|-------------------------------------|---------------|--------------------------------------|
|                                     | 1             | —                                    |
|              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

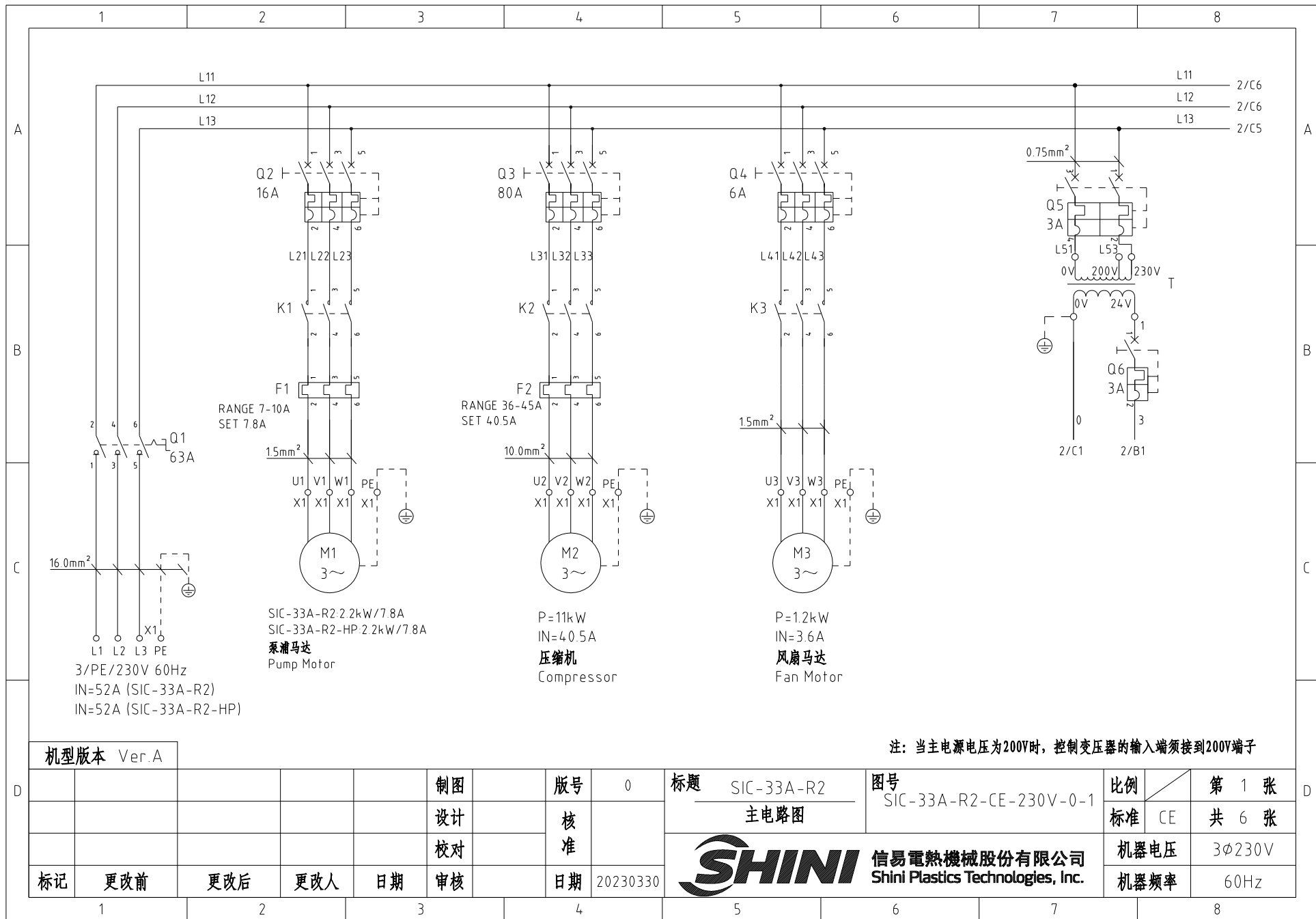
Note:  
1. Comm. interface: RS-485 (two wire)  
2. Comm. protocol: Modbus-RTU  
3. The machine is equipped with D-sub9 female connector; interface 1 and interface 2 are connected in parallel and have the same function, which is regardless of primary and secondary.

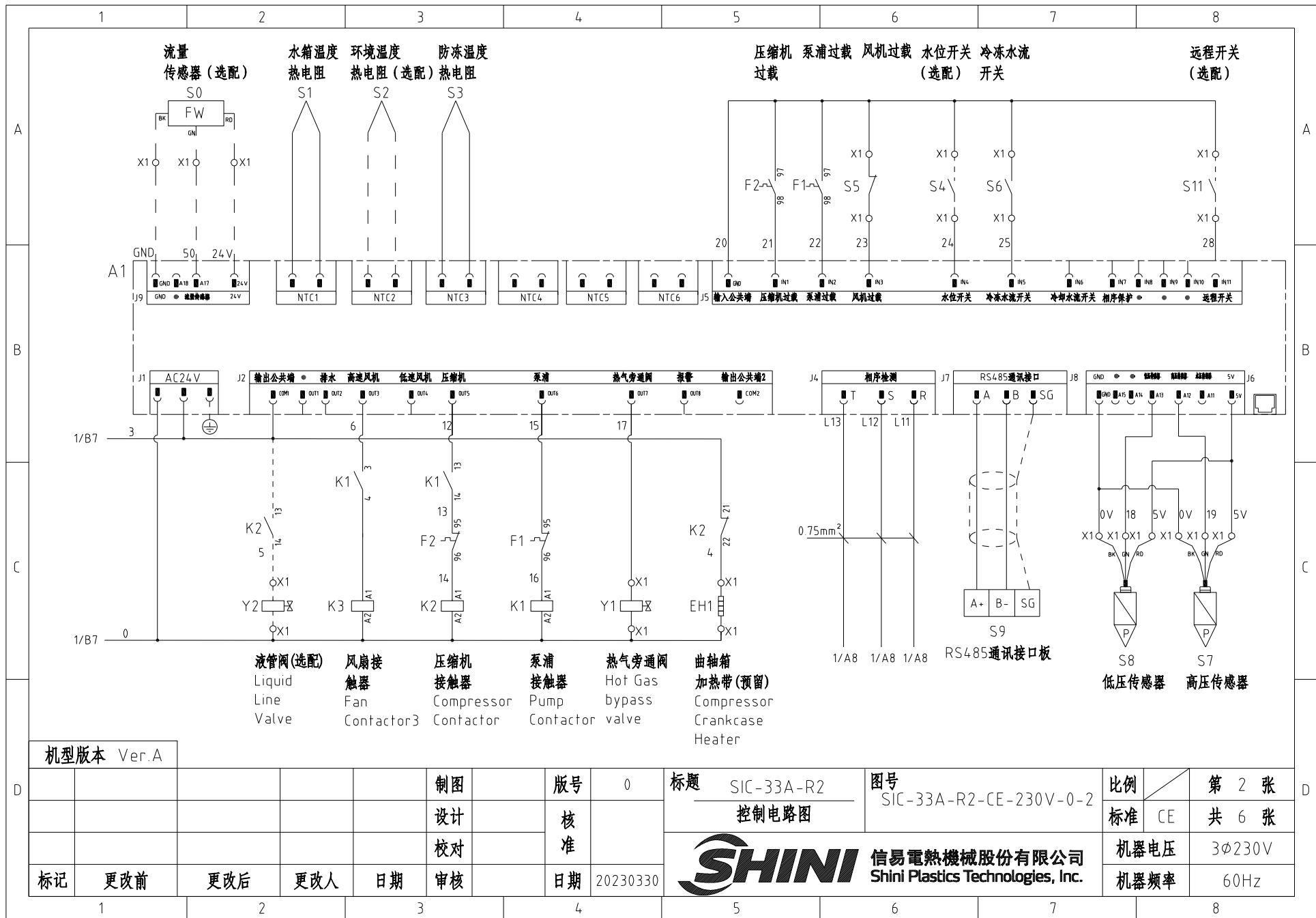
机型版本 Ver.A

|    |     |     |     |    |    |    |    |          |                                                                                       |                                                   |      |                        |      |       |       |
|----|-----|-----|-----|----|----|----|----|----------|---------------------------------------------------------------------------------------|---------------------------------------------------|------|------------------------|------|-------|-------|
|    |     |     |     |    | 制图 |    | 版号 | 0        | 标题                                                                                    | SIC-25A-R2                                        | 图号   | SIC-25A-R2-CE-230V-0-4 | 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<br>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 |    | 20230517 |                                                                                       |                                                   |      | 机器频率                   | 60Hz |       |       |

| 1          |           | 2                                                                                                                                                                                                                                         |                                                                                                 | 3                |           | 4       |                                                            | 5                |                                                                                                                                         | 6               |                           | 7                    |                    | 8               |               |
|------------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|------------------|-----------|---------|------------------------------------------------------------|------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-----------------|---------------------------|----------------------|--------------------|-----------------|---------------|
| 序号/NO      | 符号/Symbol | 名称/Name                                                                                                                                                                                                                                   |                                                                                                 | 制造商/Manufacturer |           | 型号/Type |                                                            | 规格/Specification |                                                                                                                                         | 单位/unit         | 数量/Number                 | 物料编号/Material number |                    | 备注/Remark       |               |
| A          | 1         | Q1                                                                                                                                                                                                                                        | 主电源开关/Main power switch                                                                         |                  | EATON     |         | P3-63/EA/SVB                                               |                  | 63A                                                                                                                                     |                 | PCS                       | 1                    | YE10636300000      |                 |               |
|            | 2         | Q3                                                                                                                                                                                                                                        | 断路器/Circuit breaker                                                                             |                  | TECO      |         | BM-63C/3050S                                               |                  | 50A                                                                                                                                     |                 | PCS                       | 1                    | YE40305003000      |                 |               |
|            | 3         | Q2 Q4 Q5                                                                                                                                                                                                                                  | 断路器/Circuit breaker                                                                             |                  | TECO      |         | BM-63C/3006S                                               |                  | 6A                                                                                                                                      |                 | PCS                       | 3                    | YE40300603000      |                 |               |
|            | 4         | Q6                                                                                                                                                                                                                                        | 断路器/Circuit breaker                                                                             |                  | TECO      |         | BM-63C/2003S                                               |                  | 3A                                                                                                                                      |                 | PCS                       | 1                    | YE40200203000      |                 |               |
|            | 5         | Q7                                                                                                                                                                                                                                        | 断路器/Circuit breaker                                                                             |                  | TECO      |         | BM-63C/1006S                                               |                  | 6A                                                                                                                                      |                 | PCS                       | 1                    | YE40100600100      |                 |               |
|            | 6         | K1 K3 K4                                                                                                                                                                                                                                  | 接触器/Contactor                                                                                   |                  | SIEMENS   |         | 3RT6016-1AB01                                              |                  | 24VAC                                                                                                                                   |                 | PCS                       | 3                    | YE00601602500      |                 |               |
|            | 7         | K2                                                                                                                                                                                                                                        | 接触器/Contactor                                                                                   |                  | SIEMENS   |         | 3RT5036-1AC20                                              |                  | 24VAC                                                                                                                                   |                 | PCS                       | 1                    | YE00503602600      |                 |               |
| B          | 8         |                                                                                                                                                                                                                                           | 辅助触点/Auxiliary contactor                                                                        |                  | SIEMENS   |         | 3RH6911-1HA11                                              |                  | 1NO+1NC                                                                                                                                 |                 | PCS                       | 1                    | YE00691100100      |                 |               |
|            | 9         | F1                                                                                                                                                                                                                                        | 热过载继电器/Thermal overload relay                                                                   |                  | SIEMENS   |         | 3RU6116-1GB0                                               |                  | 3.5-5.0A                                                                                                                                |                 | PCS                       | 1                    | YE01160350000      |                 | SIC-25A-R2    |
|            | 10        | F1                                                                                                                                                                                                                                        | 热过载继电器/Thermal overload relay                                                                   |                  | SIEMENS   |         | 3RU6116-1GB0                                               |                  | 4.5-6.32A                                                                                                                               |                 | PCS                       | 1                    | YE01160450000      |                 | SIC-25A-R2-HP |
|            | 11        | F2                                                                                                                                                                                                                                        | 热过载继电器/Thermal overload relay                                                                   |                  | SIEMENS   |         | 3RU5136-4FB0                                               |                  | 28-40A                                                                                                                                  |                 | PCS                       | 1                    | YE01513600100      |                 |               |
|            | 12        | A1                                                                                                                                                                                                                                        | 控制器/Controller                                                                                  |                  | PUNP      |         | 单压缩机控制器 (Controller of single-compressor chiller SC10750A) |                  | AC 24V                                                                                                                                  |                 | PCS                       | 1                    | YE80317506700      |                 |               |
|            | 13        | S1 S3                                                                                                                                                                                                                                     | 防冻温度热电阻/Anti freezing temp. heat resistance                                                     |                  | PUNP      |         | RTD                                                        |                  | 4X85 4M 1/4PT                                                                                                                           |                 | PCS                       | 2                    | YE90001400700      |                 |               |
|            | 14        | T                                                                                                                                                                                                                                         | 变压器/Transformer                                                                                 |                  | JIUXIN    |         | IN=230V/200V OUT=24V                                       |                  | 120VA                                                                                                                                   |                 | PCS                       | 1                    | YE70232002400      |                 |               |
| C          | 15        | S9                                                                                                                                                                                                                                        | 通信接口板RS-485 (双Dsub-9pin接头)<br>Communication interface board RS-485 (double Dsub-9pin connector) |                  | ----      |         | ----                                                       |                  | ----                                                                                                                                    |                 | PCS                       | 1                    | YE90048501200      |                 | (1)           |
|            | 16        |                                                                                                                                                                                                                                           | 外壳RS485 (SAL-700G-A-19) 0版<br>Shell RS485(SAL-700G-A-19)0                                       |                  | ----      |         | ----                                                       |                  | ----                                                                                                                                    |                 | PCS                       | 1                    | YR40048500000      |                 | (1)           |
|            | 17        | X1                                                                                                                                                                                                                                        | 端子排/Terminal board                                                                              |                  | HONEYWELL |         | SK2.5                                                      |                  | 2.5mm <sup>2</sup>                                                                                                                      |                 | PCS                       | 34                   | YE60002503200      |                 |               |
|            | 18        |                                                                                                                                                                                                                                           | 接地端子排/Grounding terminal board                                                                  |                  | HONEYWELL |         | GK2.5PE                                                    |                  | 2.5mm <sup>2</sup> PE                                                                                                                   |                 | PCS                       | 5                    | YE60002503400      |                 |               |
|            | 19        |                                                                                                                                                                                                                                           | 端子排/Terminal board                                                                              |                  | HONEYWELL |         | GK6                                                        |                  | 6mm <sup>2</sup>                                                                                                                        |                 | PCS                       | 6                    | YE60000603200      |                 |               |
|            | 20        |                                                                                                                                                                                                                                           | 接地端子排/Grounding terminal board                                                                  |                  | HONEYWELL |         | GK6PE                                                      |                  | 6mm <sup>2</sup>                                                                                                                        |                 | PCS                       | 2                    | YE60000603500      |                 |               |
|            | 21        |                                                                                                                                                                                                                                           | 终端固定件/GK系列(霍尼韦尔) Terminal fittings G/GK series(honeywell)                                       |                  | HONEYWELL |         | ----                                                       |                  | ----                                                                                                                                    |                 | PCS                       | 5                    | YE60000003900      |                 |               |
|            | 22        | Y1                                                                                                                                                                                                                                        | 电磁阀/Solenoid valve                                                                              |                  | ----      |         | ----                                                       |                  | 24VAC                                                                                                                                   |                 | ----                      | 1                    | ----               |                 | (1) (4)       |
|            | 23        | Y2                                                                                                                                                                                                                                        | 电磁阀/Solenoid valve                                                                              |                  | ----      |         | ----                                                       |                  | 24VAC                                                                                                                                   |                 | ----                      | 1                    | ----               |                 | (1)           |
|            | D         | 24                                                                                                                                                                                                                                        | M1                                                                                              | 泵浦马达/Pump motor  |           | ----    |                                                            | ----             |                                                                                                                                         | 230V 60Hz 1.1KW |                           | ----                 | 1                  | ---- SIC-25A-R2 |               |
| 25         |           | M1                                                                                                                                                                                                                                        | 泵浦马达/Pump motor                                                                                 |                  | ----      |         | ----                                                       |                  | 230V 60Hz 1.1KW                                                                                                                         |                 | ----                      | 1                    | ---- SIC-25A-R2-HP |                 | (1)           |
| 机型版本 Ver.A |           | 注: (1)表示非电控箱内材料, (2)选配水位开关, (3)选配远程开关, (4)选配液管阀, (5)选配流量传感器<br>Notes: (1)Means it 's not the material inside the control box. (2)Option Water level switch<br>(3)Option Remote switch (4)Option liquid pipe valve. (5)Option flow sensor. |                                                                                                 |                  |           |         |                                                            |                  |                                                                                                                                         |                 |                           |                      |                    |                 |               |
| D          |           |                                                                                                                                                                                                                                           |                                                                                                 |                  | 制图        |         | 版本号                                                        | 0                | 标题 SIC-25A-R2                                                                                                                           |                 | 图号 SIC-25A-R2-CE-230V-0-5 |                      | 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                                                          |                  |  信易電熱機械股份有限公司<br>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                                                         | 20230517         |                                                                                                                                         |                 | 机器频率                      |                      | 60Hz               |                 |               |
| 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         | M2      | 压缩机/Compressor                                         |     |    |                  | ---- |         | ----     |                                                         | 230V 60Hz 6.18KW |                        | ----      | 1                    | ---- |           | (1)    |
|       | 27         | M3 M4   | 风扇马达/Fan motor                                         |     |    |                  | ---- |         | ----     |                                                         | 230V 60Hz 0.23KW |                        | ----      | 2                    | ---- |           | (1)    |
|       | 28         | EH1     | 曲轴箱加热带/Compressor Crankcase Heater                     |     |    |                  | ---- |         | ----     |                                                         | 24VAC 35W        |                        | ----      | 1                    | ---- |           | (1)    |
|       | 29         | S11     | 远程开关/Remote switch                                     |     |    |                  | ---- |         | ----     |                                                         | ----             |                        | ----      | 1                    | ---- |           | (1)(3) |
|       | 30         | S0      | 流量传感器/Flow sensor                                      |     |    |                  | ---- |         | ----     |                                                         | ----             |                        | ----      | 1                    | ---- |           | (1)(5) |
|       | 31         | S4      | 水位开关/Water level switch                                |     |    |                  | ---- |         | ----     |                                                         | ----             |                        | ----      | 1                    | ---- |           | (1)(2) |
|       | 32         | S6      | 冷冻水流开关/Chilled water flow switch                       |     |    |                  | ---- |         | ----     |                                                         | ----             |                        | ----      | 1                    | ---- |           | (1)    |
| B     | 33         | S8      | 高压传感器/High pressure sensor                             |     |    |                  | ---- |         | ----     |                                                         | ----             |                        | ----      | 1                    | ---- |           | (1)    |
|       | 34         | S7      | 低压传感器/Low pressure sensor                              |     |    |                  | ---- |         | ----     |                                                         | ----             |                        | ----      | 1                    | ---- |           | (1)    |
|       |            |         |                                                        |     |    |                  |      |         |          |                                                         |                  |                        |           |                      |      |           |        |
| C     |            |         |                                                        |     |    |                  |      |         |          |                                                         |                  |                        |           |                      |      |           |        |
|       |            |         |                                                        |     |    |                  |      |         |          |                                                         |                  |                        |           |                      |      |           |        |
|       |            |         |                                                        |     |    |                  |      |         |          |                                                         |                  |                        |           |                      |      |           |        |
| D     | 机型版本 Ver.A |         | 注：(1)表示非电控箱内材料，(2)选配水位开关，(3)选配远程开关，(4)选配液管阀，(5)选配流量传感器 |     |    |                  |      |         |          |                                                         |                  |                        |           |                      |      |           |        |
|       |            |         |                                                        |     |    | 制图               |      | 版号      | 0        | 标题                                                      |                  | 图号                     |           | 比例                   |      | 第 6 张     |        |
|       |            |         |                                                        |     |    | 设计               |      | 核<br>准  |          | 电气元件明细表二                                                |                  | SIC-25A-R2-CE-230V-0-6 |           | 标准                   | CE   | 共 6 张     |        |
|       |            |         |                                                        |     |    | 校对               |      |         |          | SHINI 信易电热机械股份有限公司<br>Shini Plastics Technologies, Inc. |                  | 机器电压                   |           | 3ø230V               |      |           |        |
|       | 标记         | 更改前     | 更改后                                                    | 更改人 | 日期 | 审核               |      | 日期      | 20230330 | SHINI 信易电热机械股份有限公司<br>Shini Plastics Technologies, Inc. |                  | 机器频率                   |           | 60Hz                 |      |           |        |
| 1     |            | 2       |                                                        | 3   |    | 4                |      | 5       |          | 6                                                       |                  | 7                      |           | 8                    |      |           |        |





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



A

B

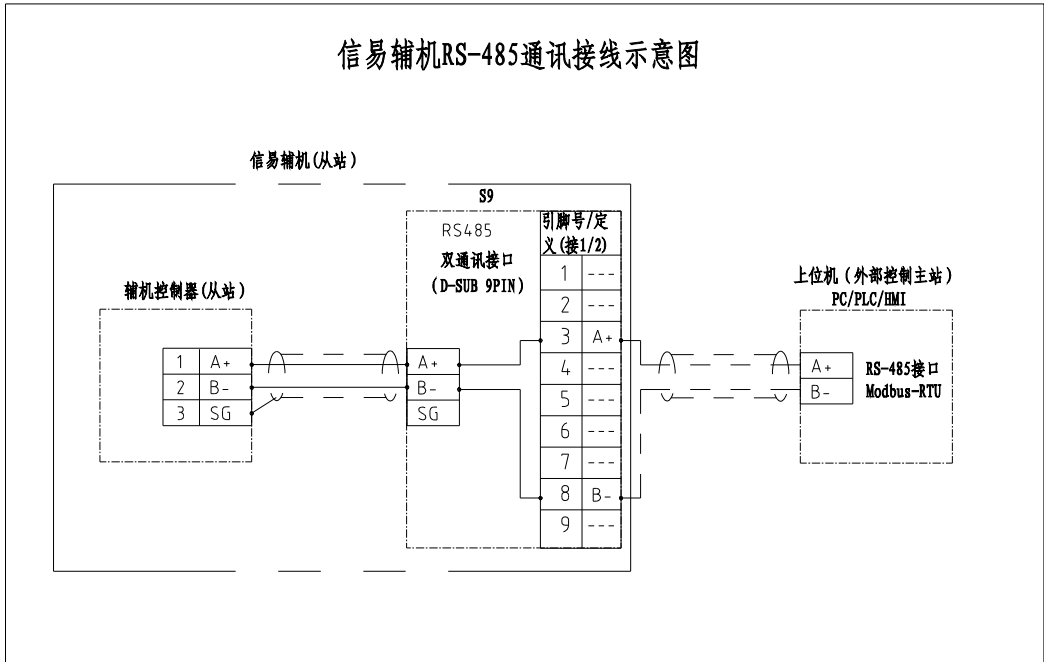
C

A

B

C

信易辅机RS-485通讯接线示意图



信易RS-485接口定义

S10

接口1 接口2

| D-sub-9针接口 | 引脚号 | 引脚定义           |
|------------|-----|----------------|
|            | 1   | 空              |
|            | 2   | 空              |
|            | 3   | A+ (RS-485 信号) |
|            | 4   | 空              |
|            | 5   | 空              |
|            | 6   | 空              |
|            | 7   | 空              |
|            | 8   | B- (RS-485 信号) |
|            | 9   | 空              |

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;

D

D

|            |     |     |     |    |
|------------|-----|-----|-----|----|
| 机型版本 Ver.A |     |     |     |    |
| 标记         | 更改前 | 更改后 | 更改人 | 日期 |

|    |    |          |
|----|----|----------|
| 制图 | 版号 | 0        |
| 设计 | 核  |          |
| 校对 | 准  |          |
| 审核 | 日期 | 20230330 |

标题 SIC-33A-R2  
通讯接线图

图号 SIC-33A-R2-CE-230V-0-4

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

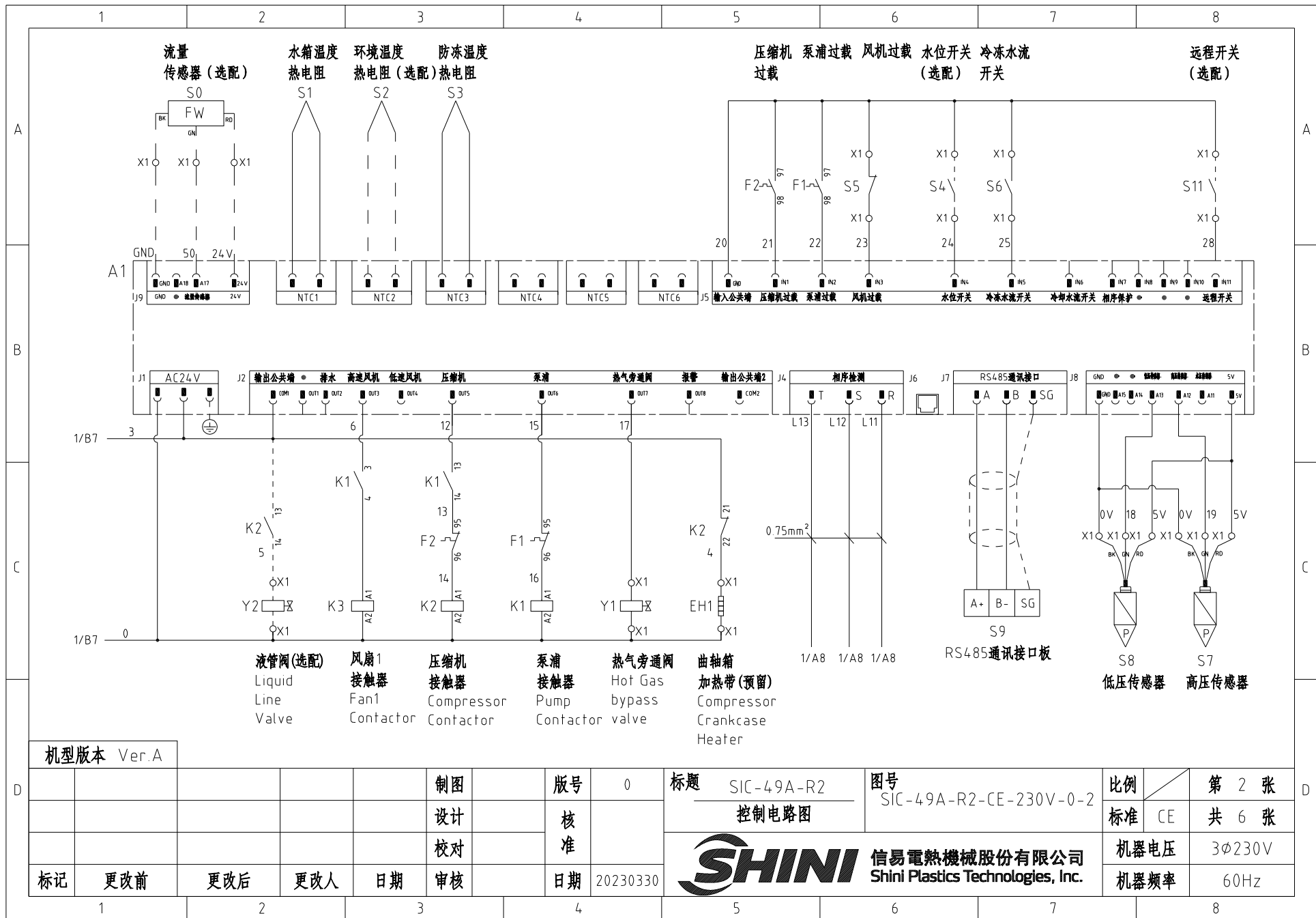
|       |        |
|-------|--------|
| 比例    | 第 4 张  |
| 标准 CE | 共 6 张  |
| 机器电压  | 3φ230V |
| 机器频率  | 60Hz   |

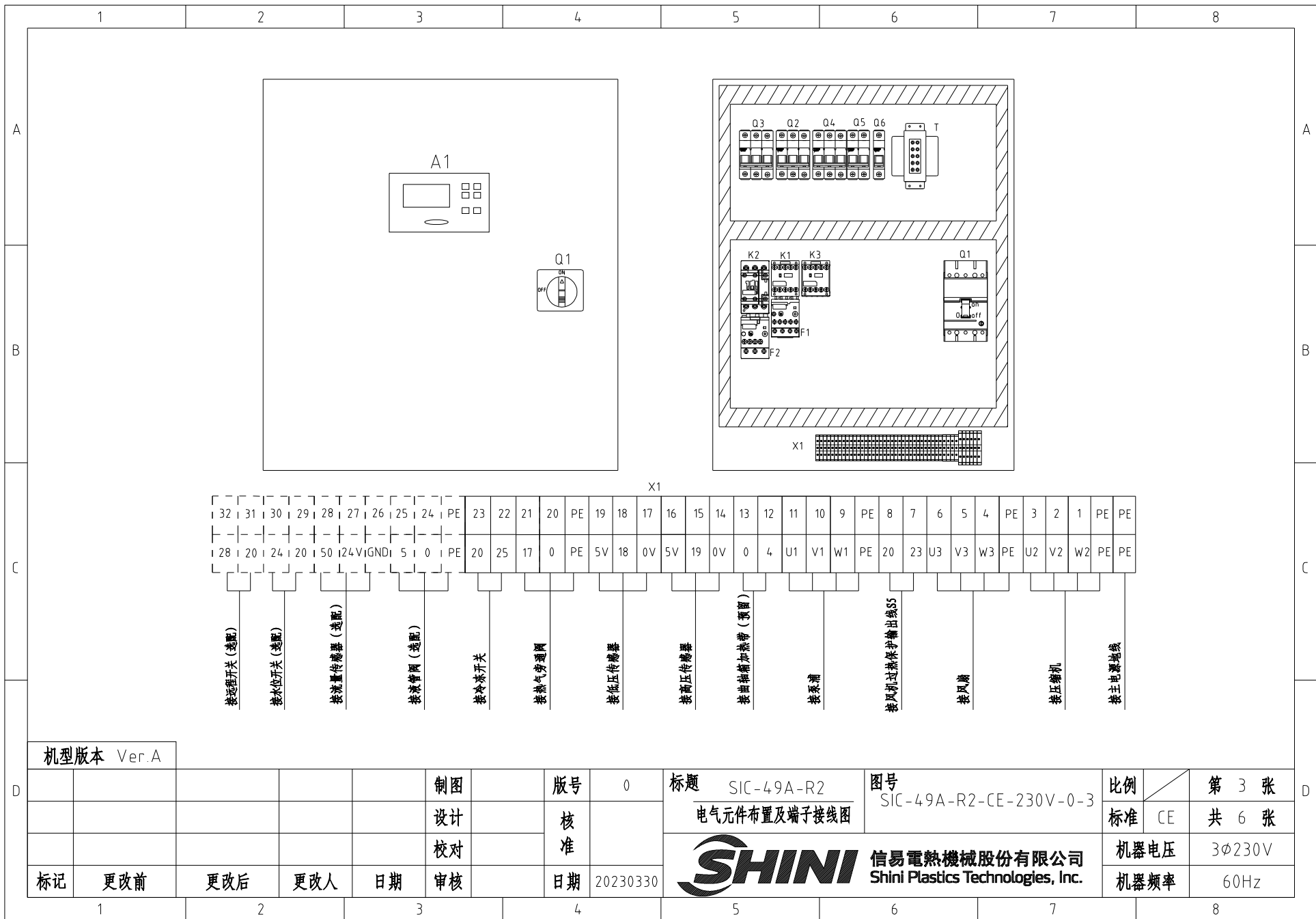


| 1     |            | 2       |                                                             | 3  |                  | 4         |         | 5                    |                                                                                                                                         | 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 switch                                           |    |                  | EATON     |         | P3-63/EA/SVB         |                                                                                                                                         | 63A                   |         | ----                      | 1                    | YE10636300000 |           |       |
|       | 2          | Q2      | 断路器/Circuit breaker                                         |    |                  | TECO      |         | BM-63C/3016S         |                                                                                                                                         | 16A                   |         | ----                      | 1                    | YE40301603000 |           |       |
|       | 3          | Q3      | 断路器/Circuit breaker                                         |    |                  | TECO      |         | BM-100D/3080S        |                                                                                                                                         | 80A                   |         | ----                      | 1                    | YE40308003000 |           |       |
|       | 4          | Q4      | 断路器/Circuit breaker                                         |    |                  | TECO      |         | BM-63C/3006S         |                                                                                                                                         | 6A                    |         | ----                      | 1                    | YE40300603000 |           |       |
|       | 5          | Q5      | 断路器/Circuit breaker                                         |    |                  | TECO      |         | BM-63C/2003S         |                                                                                                                                         | 3A                    |         | ----                      | 1                    | YE40200203000 |           |       |
|       | 6          | Q6      | 断路器/Circuit breaker                                         |    |                  | TECO      |         | BM-63C/1003S         |                                                                                                                                         | 3A                    |         | ----                      | 1                    | YE40100203000 |           |       |
|       | 7          | K1      | 接触器/Contactor                                               |    |                  | SIEMENS   |         | 3RT6017-1AB01        |                                                                                                                                         | 24VAC                 |         | ----                      | 1                    | YE00601702500 |           |       |
| B     | 8          |         | 辅助触点/auxiliary block                                        |    |                  | SIEMENS   |         | 3RH6911-1HA11        |                                                                                                                                         | 1NO+1NC               |         | ----                      | 1                    | YE00691100100 |           |       |
|       | 9          | K2      | 接触器/Contactor                                               |    |                  | SIEMENS   |         | 3RT5036-1AC20        |                                                                                                                                         | 24VAC                 |         | ----                      | 1                    | YE00503602600 |           |       |
|       | 10         |         | 辅助触点/auxiliary block                                        |    |                  | SIEMENS   |         | 3RH5921-1CA01        |                                                                                                                                         | 1NC                   |         | ----                      | 1                    | YE00592110100 |           |       |
|       | 11         |         | 辅助触点/auxiliary block                                        |    |                  | SIEMENS   |         | 3RH5921-1CA10        |                                                                                                                                         | 1NO                   |         | ----                      | 1                    | YE00592110000 |           | (2)   |
|       | 12         | K3      | 接触器/Contactor                                               |    |                  | SIEMENS   |         | 3RT6015-1AB01        |                                                                                                                                         | 24VAC                 |         | ----                      | 1                    | YE00601502500 |           |       |
|       | 13         | F1      | 热过载继电器/Overload relay                                       |    |                  | SIEMENS   |         | 3RU6116-1JB0         |                                                                                                                                         | 7-10A                 |         | ----                      | 1                    | YE01167100000 |           |       |
|       | 14         | F2      | 热过载继电器/Overload relay                                       |    |                  | SIEMENS   |         | 3RU5136-4GB0         |                                                                                                                                         | 36-45A                |         | ----                      | 1                    | YE01612660000 |           |       |
| C     | 15         | A1      | 控制器/Controller                                              |    |                  | PUNP      |         | 单压机冷水机控制器SF317503A   |                                                                                                                                         | AC 24V                |         | ----                      | 1                    | YE80317506700 |           |       |
|       | 16         | S1 S3   | 防冻温度热电阻/Anti-frozen RTD                                     |    |                  | PUNP      |         | RTD                  |                                                                                                                                         | 4X85 4M 1/4PT         |         | ----                      | 2                    | YE90001400700 |           |       |
|       | 17         | T       | 变压器/Transformer                                             |    |                  | JIUXIN    |         | IN=230V/200V OUT=24V |                                                                                                                                         | 120VA                 |         | ----                      | 1                    | YE70232002400 |           |       |
|       | 18         | S9      | 通信接口板RS-485(雙Dsub-9pin接头)                                   |    |                  | ----      |         | ----                 |                                                                                                                                         | ----                  |         | ----                      | 1                    | YE90048501200 |           | (1)   |
|       | 19         |         | 外殼RS485(SAL-700G-A-19)0版                                    |    |                  | ----      |         | ----                 |                                                                                                                                         | ----                  |         | ----                      | 1                    | YR40048500000 |           | (1)   |
|       | 20         | X1      | 端子排/Terminal board                                          |    |                  | HONEYWELL |         | SK2 5                |                                                                                                                                         | 2.5mm <sup>2</sup>    |         | ----                      | 29                   | YE60002503200 |           |       |
|       | 21         |         | 接地端子排/Terminal board                                        |    |                  | HONEYWELL |         | GK2 5PE              |                                                                                                                                         | 2.5mm <sup>2</sup> PE |         | ----                      | 5                    | YE60002503400 |           |       |
| D     | 22         |         | 端子排/Terminal board                                          |    |                  | HONEYWELL |         | GK10                 |                                                                                                                                         | 10mm <sup>2</sup>     |         | ----                      | 3                    | YE60001003200 |           |       |
|       | 23         |         | 接地端子排/Terminal board                                        |    |                  | HONEYWELL |         | GK10PE               |                                                                                                                                         | 10mm <sup>2</sup>     |         | ----                      | 1                    | YE60001003500 |           |       |
|       | 24         |         | 接地端子排/Terminal board                                        |    |                  | HONEYWELL |         | GK16PE               |                                                                                                                                         | 16mm <sup>2</sup>     |         | ----                      | 1                    | YE60001603500 |           |       |
|       | 25         |         | 终端固定件E/GK系列(霍尼韦尔)                                           |    |                  | HONEYWELL |         | ----                 |                                                                                                                                         | ----                  |         | ----                      | 6                    | YE60000003900 |           |       |
|       | 机型版本 Ver.A |         | 注: (1)表示非电控箱内材料, (2)选配水位开关, (3)选配远程开关, (4)选配液管阀, (5)选配流量传感器 |    |                  |           |         |                      |                                                                                                                                         |                       |         |                           |                      |               |           |       |
|       |            |         |                                                             |    |                  | 制图        |         | 版本号                  | 0                                                                                                                                       | 标题 SIC-33A-R2         |         | 图号 SIC-33A-R2-CE-230V-0-5 |                      | 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       |                      |  信易電熱機械股份有限公司<br>Shini Plastics Technologies, Inc. |                       | 机器电压    |                           | 3ø230V               |               |           |       |
| 标记    | 更改前        | 更改后     | 更改人                                                         | 日期 | 审核               |           | 日期      | 20230330             |                                                                                                                                         |                       | 机器频率    |                           | 60Hz                 |               |           |       |
| 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         | Y1      | 电磁阀/Solenoid valve                                          |     |                  | ---- |         | ---- |                  | 24VAC             |                                                                                                                                         | ----                      | 1                    | ----          | (1) (4)        |
|       | 27         | Y2      | 电磁阀/Solenoid valve                                          |     |                  | ---- |         | ---- |                  | 24VAC             |                                                                                                                                         | ----                      | 1                    | ----          | (1)            |
|       | 28         | M1      | 泵浦马达/Pump motor                                             |     |                  | ---- |         | ---- |                  | 230V 60Hz 2.2KW   |                                                                                                                                         | ----                      | 1                    | ----          | (1)            |
|       | 29         | M2      | 压缩机/Compressor                                              |     |                  | ---- |         | ---- |                  | 230V 60Hz 11KW    |                                                                                                                                         | ----                      | 1                    | ----          | (1)            |
|       | 30         | M3      | 风扇马达/Fan motor                                              |     |                  | ---- |         | ---- |                  | 230V 60Hz 1.2KW   |                                                                                                                                         | ----                      | 1                    | ----          | (1)            |
|       | 31         | EH1     | 曲轴箱加热带/Compressor Crankcase Heater                          |     |                  | ---- |         | ---- |                  | 24VAC 35W         |                                                                                                                                         | ----                      | 1                    | ----          | (1)            |
|       | 32         | S11     | 远程开关/The remote switch                                      |     |                  | ---- |         | ---- |                  | ----              |                                                                                                                                         | ----                      | 1                    | ----          | (1)(3)         |
| B     | 33         | S0      | 流量传感器/Flow sensor                                           |     |                  | ---- |         | ---- |                  | ----              |                                                                                                                                         | ----                      | 1                    | ----          | (1)(5)         |
|       | 34         | S4      | 水位开关/Water level switch                                     |     |                  | ---- |         | ---- |                  | ----              |                                                                                                                                         | ----                      | 1                    | ----          | (1)(2)         |
|       | 35         | S6      | 冷冻水流开关/Water flow switch                                    |     |                  | ---- |         | ---- |                  | ----              |                                                                                                                                         | ----                      | 1                    | ----          | (1)            |
|       | 36         | S8      | 高压传感器/High pressure sensor                                  |     |                  | ---- |         | ---- |                  | ----              |                                                                                                                                         | ----                      | 1                    | ----          | (1)            |
|       | 37         | S7      | 低压传感器/Low pressure sensor                                   |     |                  | ---- |         | ---- |                  | ----              |                                                                                                                                         | ----                      | 1                    | ----          | (1)            |
|       | 38         | X1      | 端子排/Terminal board                                          |     |                  | ---- |         | ---- |                  | 16mm <sup>2</sup> |                                                                                                                                         | PCS                       | 3                    | YE60001603200 |                |
| C     |            |         |                                                             |     |                  |      |         |      |                  |                   |                                                                                                                                         |                           |                      |               |                |
|       |            |         |                                                             |     |                  |      |         |      |                  |                   |                                                                                                                                         |                           |                      |               |                |
|       |            |         |                                                             |     |                  |      |         |      |                  |                   |                                                                                                                                         |                           |                      |               |                |
|       |            |         |                                                             |     |                  |      |         |      |                  |                   |                                                                                                                                         |                           |                      |               |                |
|       |            |         |                                                             |     |                  |      |         |      |                  |                   |                                                                                                                                         |                           |                      |               |                |
|       |            |         |                                                             |     |                  |      |         |      |                  |                   |                                                                                                                                         |                           |                      |               |                |
|       |            |         |                                                             |     |                  |      |         |      |                  |                   |                                                                                                                                         |                           |                      |               |                |
|       |            |         |                                                             |     |                  |      |         |      |                  |                   |                                                                                                                                         |                           |                      |               |                |
|       |            |         |                                                             |     |                  |      |         |      |                  |                   |                                                                                                                                         |                           |                      |               |                |
|       |            |         |                                                             |     |                  |      |         |      |                  |                   |                                                                                                                                         |                           |                      |               |                |
|       |            |         |                                                             |     |                  |      |         |      |                  |                   |                                                                                                                                         |                           |                      |               |                |
| D     | 机型版本 Ver.A |         | 注: (1)表示非电控箱内材料, (2)选配水位开关, (3)选配远程开关, (4)选配液管阀, (5)选配流量传感器 |     |                  |      |         |      |                  |                   |                                                                                                                                         |                           |                      |               |                |
|       |            |         |                                                             |     |                  | 制图   |         | 版号   | 0                | 标题 SIC-33A-R2     |                                                                                                                                         | 图号 SIC-33A-R2-CE-230V-0-6 |                      | 比例            | 第 6 张<br>共 6 张 |
|       |            |         |                                                             |     |                  | 设计   |         | 核    | 准                | 电气元件明细表二          |                                                                                                                                         | 标准 CE                     |                      |               |                |
|       |            |         |                                                             |     |                  | 校对   |         | 日期   |                  | 20230330          |  信易電熱機械股份有限公司<br>Shini Plastics Technologies, Inc. |                           | 机器电压 3ø230V          |               |                |
|       | 标记         | 更改前     | 更改后                                                         | 更改人 | 日期               | 审核   |         | 日期   |                  |                   |                                                                                                                                         |                           | 机器频率 60Hz            |               |                |
| 1     |            | 2       |                                                             | 3   |                  | 4    |         | 5    |                  | 6                 |                                                                                                                                         | 7                         |                      | 8             |                |







|            |     |     |     |    |
|------------|-----|-----|-----|----|
| 机型版本 Ver.A |     |     |     |    |
| 标记         | 更改前 | 更改后 | 更改人 | 日期 |

|    |    |          |
|----|----|----------|
| 制图 | 版号 | 0        |
| 设计 | 核准 |          |
| 校对 | 日期 | 20230330 |
| 审核 |    |          |

标题 SIC-49A-R2  
电气元件布置及端子接线图

图号 SIC-49A-R2-CE-230V-0-3  
信易电热机械股份有限公司  
Shini Plastics Technologies, Inc.

|      |        |
|------|--------|
| 比例   | 第 3 张  |
| 标准   | 共 6 张  |
| 机器电压 | 3φ230V |
| 机器频率 | 60Hz   |

1

2

3

4

5

6

7

8

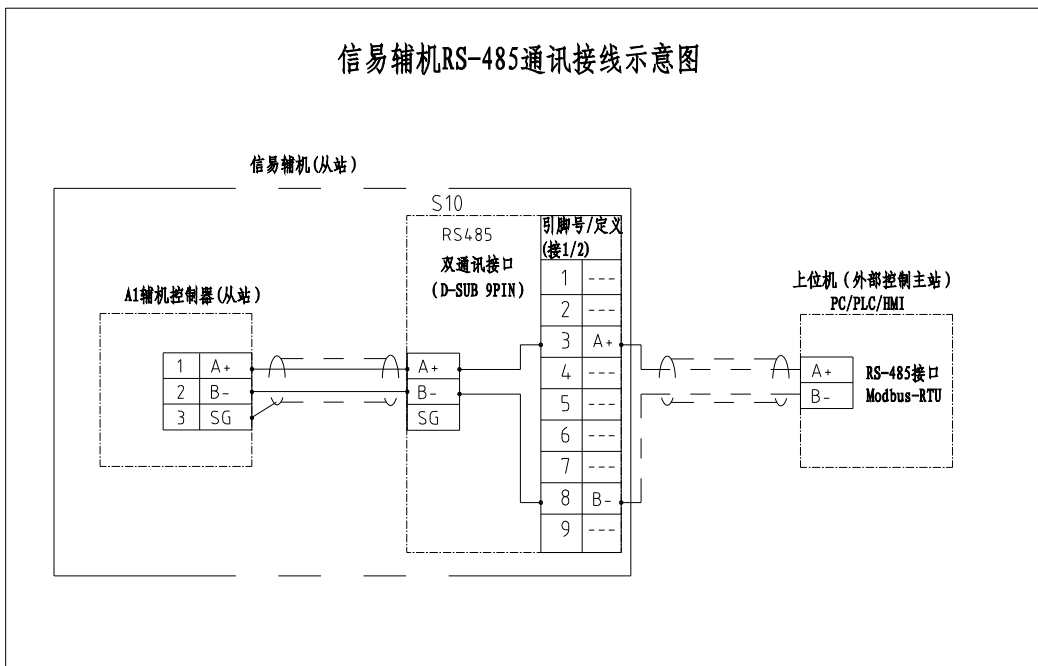
A

B

C

D

信易辅机RS-485通讯接线示意图



信易RS-485接口定义

S10

接口1

接口2

| D-sub-9针接口 | 引脚号 | 引脚定义           |
|------------|-----|----------------|
|            | 1   | 空              |
|            | 2   | 空              |
|            | 3   | A+ (RS-485 信号) |
|            | 4   | 空              |
|            | 5   | 空              |
|            | 6   | 空              |
|            | 7   | 空              |
|            | 8   | B- (RS-485 信号) |
|            | 9   | 空              |

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

机型版本 Ver.A

制图

版号

0

标题

SIC-49A-R2

图号

SIC-49A-R2-CE-230V-0-4

比例

第 4 张

设计

核

准

通讯接线图

标准

CE

共 6 张

校对

审核

日期

20230330

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

机器电压

3φ230V

机器频率

60Hz

1

2

3

4

5

6

7

8

A

B

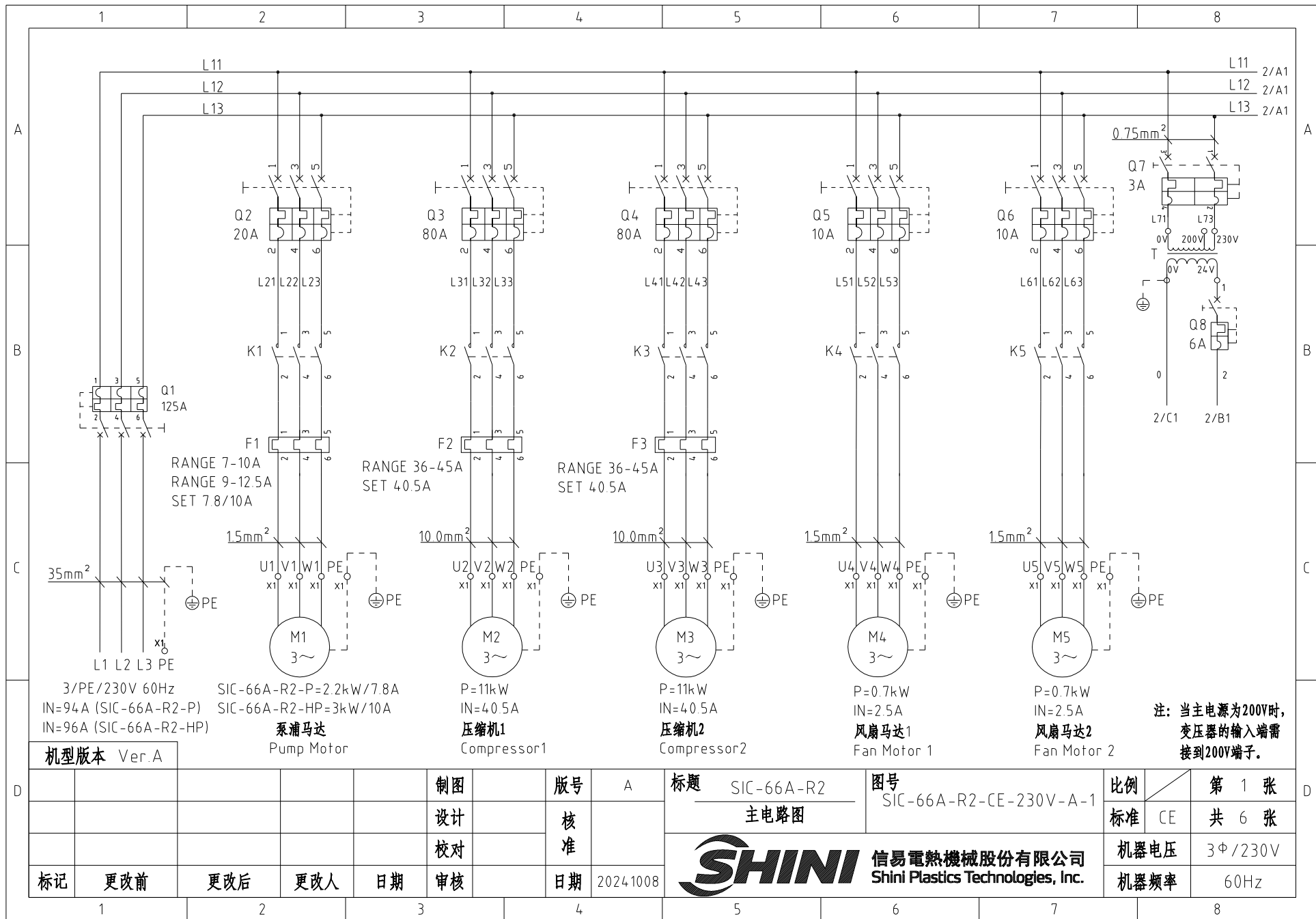
C

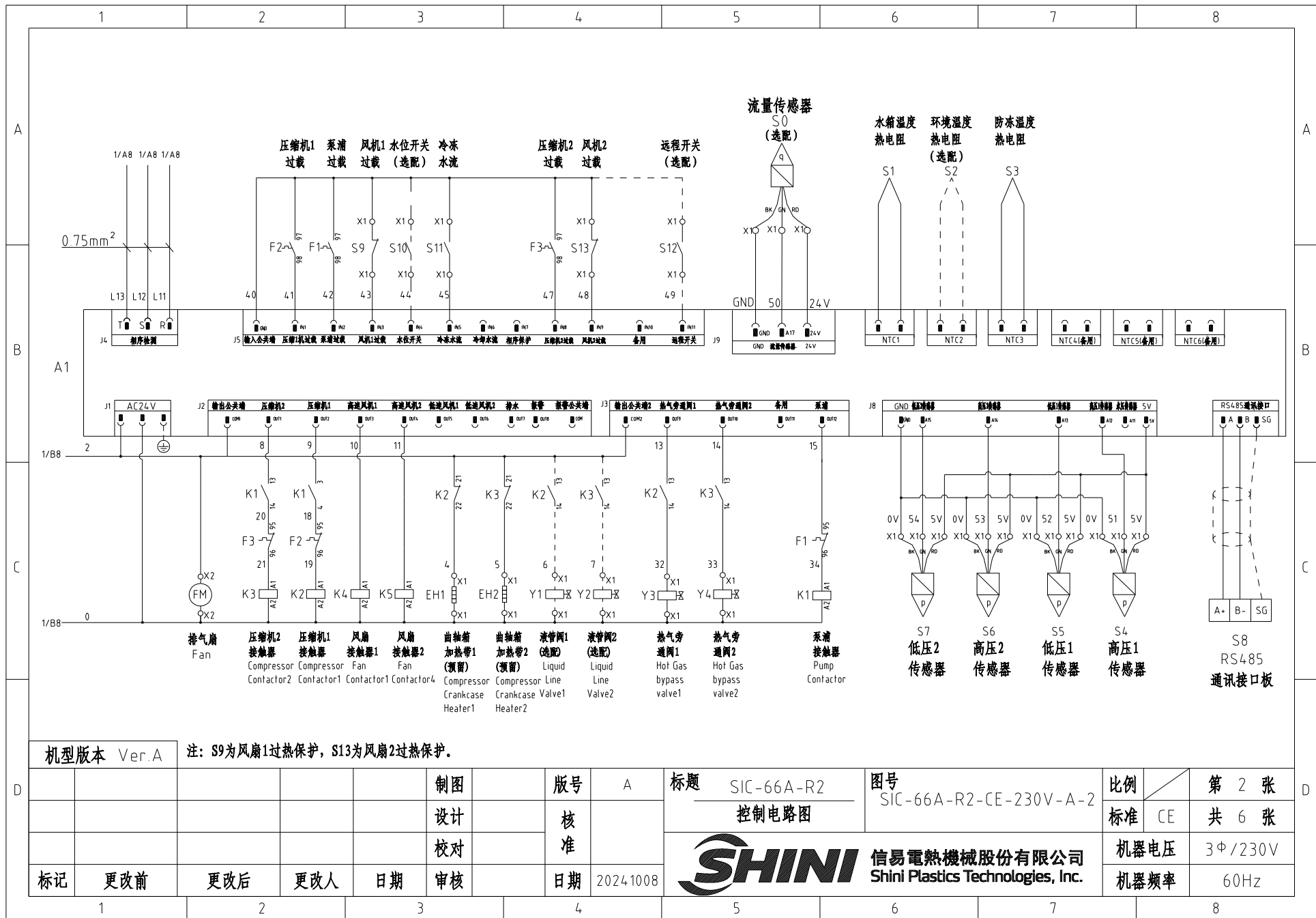
D

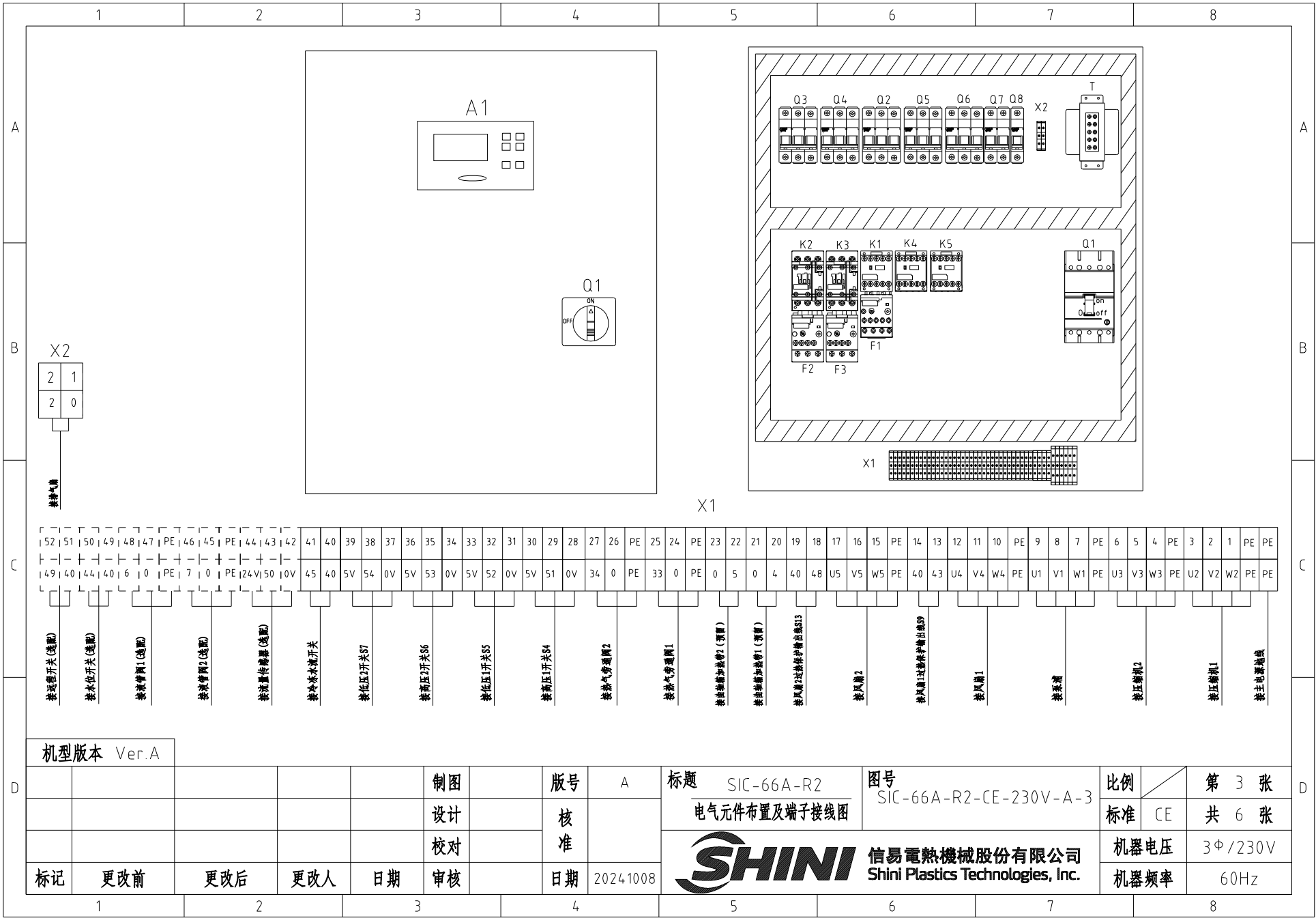
| 1          |           | 2                                                           |                           | 3  |                  | 4         |          | 5                      |                                                                                                                                         | 6                     |                           | 7         |                      | 8             |           |               |
|------------|-----------|-------------------------------------------------------------|---------------------------|----|------------------|-----------|----------|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-----------------------|---------------------------|-----------|----------------------|---------------|-----------|---------------|
| 序号/NO      | 符号/Symbol | 名称/Name                                                     |                           |    | 制造商/Manufacturer |           | 型号/Type  |                        | 规格/Specification                                                                                                                        |                       | 单位/unit                   | 数量/Number | 物料编号/Material number |               | 备注/Remark |               |
| A          | 1         | Q1                                                          | 门连锁断路器/Circuit breaker    |    |                  | TECO      |          | FBB0100EB3080 3P       |                                                                                                                                         | 80A                   |                           | ----      | 1                    | YE40100300300 |           |               |
|            | 2         |                                                             | 断路器外部操作把手                 |    |                  | TECO      |          | FB1R-CS1-C-D1(TAX-125) |                                                                                                                                         | ----                  |                           | ----      | 1                    | YE90111100300 |           |               |
|            | 3         | Q2                                                          | 断路器/Circuit breaker       |    |                  | TECO      |          | BM-63C/3016S           |                                                                                                                                         | 16A                   |                           | ----      | 1                    | YE40301603000 |           |               |
|            | 4         | Q3                                                          | 断路器/Circuit breaker       |    |                  | TECO      |          | BM-100D/30100S         |                                                                                                                                         | 80A                   |                           | ----      | 1                    | YE40310003000 |           |               |
|            | 5         | Q4                                                          | 断路器/Circuit breaker       |    |                  | TECO      |          | BM-63C/3006S           |                                                                                                                                         | 6A                    |                           | ----      | 1                    | YE40300603000 |           |               |
|            | 6         | Q5                                                          | 断路器/Circuit breaker       |    |                  | TECO      |          | BM-63C/2003S           |                                                                                                                                         | 3A                    |                           | ----      | 1                    | YE40200203000 |           |               |
|            | 7         | Q6                                                          | 断路器/Circuit breaker       |    |                  | TECO      |          | BM-63C/1003S           |                                                                                                                                         | 3A                    |                           | ----      | 1                    | YE40100203000 |           |               |
| B          | 8         | K1                                                          | 接触器/Contactor             |    |                  | SIEMENS   |          | 3RT6017-1AB01          |                                                                                                                                         | 24VAC                 |                           | ----      | 1                    | YE00601702500 |           |               |
|            | 9         |                                                             | 辅助触点/auxiliary block      |    |                  | SIEMENS   |          | 3RH6911-1AA10          |                                                                                                                                         | 1NO                   |                           | ----      | 1                    | YE00691110000 |           |               |
|            | 10        | K2                                                          | 接触器/Contactor             |    |                  | SIEMENS   |          | 3RT5044-1AC20          |                                                                                                                                         | 24VAC                 |                           | ----      | 1                    | YE00504402600 |           |               |
|            | 11        |                                                             | 辅助触点/auxiliary block      |    |                  | SIEMENS   |          | 3RH5921-1CA01          |                                                                                                                                         | 1NC                   |                           | ----      | 1                    | YE00592110100 |           |               |
|            | 12        |                                                             | 辅助触点/auxiliary block      |    |                  | SIEMENS   |          | 3RH5921-1CA10          |                                                                                                                                         | 1NO                   |                           | ----      | 1                    | YE00592110000 |           | (2)           |
|            | 13        | K3                                                          | 接触器/Contactor             |    |                  | SIEMENS   |          | 3RT6015-1AB01          |                                                                                                                                         | 24VAC                 |                           | ----      | 1                    | YE00601502500 |           |               |
|            | 14        | F1                                                          | 热过载继电器/Overload relay     |    |                  | SIEMENS   |          | 3RU6116-1JB0           |                                                                                                                                         | 7-10A                 |                           | ----      | 1                    | YE01167100000 |           | SIC-49A-R2    |
| C          | 15        | F1                                                          | 热过载继电器/Overload relay     |    |                  | SIEMENS   |          | 3RU6116-1KB0           |                                                                                                                                         | 9-12.5A               |                           | ----      | 1                    | YE01169125000 |           | SIC-49A-R2-IP |
|            | 16        | F2                                                          | 热过载继电器/Overload relay     |    |                  | SIEMENS   |          | 3RU5146-4JB0           |                                                                                                                                         | 45-63A                |                           | ----      | 1                    | YE01514640000 |           |               |
|            | 17        | A1                                                          | 控制器/Controller            |    |                  | PUNP      |          | 单压机冷水机控制器SF317503A     |                                                                                                                                         | AC 24V                |                           | ----      | 1                    | YE80317506700 |           |               |
|            | 18        | S1 S3                                                       | 防冻温度热电阻/Anti-frozen RTD   |    |                  | PUNP      |          | RTD                    |                                                                                                                                         | 4X85 4M 1/4PT         |                           | ----      | 2                    | YE90001400700 |           |               |
|            | 19        | T                                                           | 变压器/Transformer           |    |                  | JIUXIN    |          | IN=230V/200V OUT=24V   |                                                                                                                                         | 180VA                 |                           | ----      | 1                    | YE70023005400 |           |               |
|            | 20        | S9                                                          | 通信接口板RS-485(雙Dsub-9pin接头) |    |                  | ----      |          | ----                   |                                                                                                                                         | ----                  |                           | ----      | 1                    | YE90048501200 |           | (1)           |
|            | 21        |                                                             | 外壳RS485(SAL-700G-A-19)0版  |    |                  | ----      |          | ----                   |                                                                                                                                         | ----                  |                           | ----      | 1                    | YR40048500000 |           | (1)           |
| D          | 22        | X1                                                          | 端子排/Terminal board        |    |                  | HONEYWELL |          | SK2.5                  |                                                                                                                                         | 2.5mm <sup>2</sup>    |                           | ----      | 29                   | YE60002503200 |           |               |
|            | 23        |                                                             | 接地端子排/Terminal board      |    |                  | HONEYWELL |          | GK2.5PE                |                                                                                                                                         | 2.5mm <sup>2</sup> PE |                           | ----      | 4                    | YE60002503400 |           |               |
|            | 24        |                                                             | 接地端子排/Terminal board      |    |                  | HONEYWELL |          | GK16PE                 |                                                                                                                                         | 16mm <sup>2</sup>     |                           | ----      | 3                    | YE60001603200 |           |               |
|            | 25        |                                                             | 接地端子排/Terminal board      |    |                  | HONEYWELL |          | GK16PE                 |                                                                                                                                         | 16mm <sup>2</sup>     |                           | ----      | 2                    | YE60001603500 |           |               |
| 机型版本 Ver.A |           | 注: (1)表示非电控箱内材料, (2)选配水位开关, (3)选配远程开关, (4)选配液管阀, (5)选配流量传感器 |                           |    |                  |           |          |                        |                                                                                                                                         |                       |                           |           |                      |               |           |               |
|            |           |                                                             |                           |    | 制图               |           | 版本号      | 0                      | 标题 SIC-49A-R2                                                                                                                           |                       | 图号 SIC-49A-R2-CE-230V-0-5 |           | 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        |                        |  信易電熱機械股份有限公司<br>Shini Plastics Technologies, Inc. |                       | 机器电压                      |           | 3ø230V               |               |           |               |
| 标记         | 更改前       | 更改后                                                         | 更改人                       | 日期 | 审核               | 日期        | 20230330 | 机器频率                   |                                                                                                                                         |                       |                           |           | 60Hz                 |               |           |               |
| 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E/GK系列(霍尼韦尔) |                                                             |     |    | HONEYWELL        |      | ----    |          | ----                                                                                                                                    |                   | ----                      | 6         | YE60000003900        |                    |           |        |
|       | 27         | Y1                | 电磁阀/Solenoid valve                                          |     |    |                  | ---- |         | ----     |                                                                                                                                         | 24VAC             |                           | ----      | 1                    | ----               |           | (1)    |
|       | 28         | Y2                | 电磁阀/Solenoid valve                                          |     |    |                  | ---- |         | ----     |                                                                                                                                         | 24VAC             |                           | ----      | 1                    | ----               |           | (1)(4) |
|       | 29         | M1                | 泵浦马达/Pump motor                                             |     |    |                  | ---- |         | ----     |                                                                                                                                         | 230V 60Hz 2.2KW   |                           | ----      | 1                    | ---- SIC-49A-R2    |           | (1)    |
|       | 30         | M1                | 泵浦马达/Pump motor                                             |     |    |                  | ---- |         | ----     |                                                                                                                                         | 230V 60Hz 3KW     |                           | ----      | 1                    | ---- SIC-49A-R2-HP |           | (1)    |
|       | 31         | M2                | 压缩机/Compressor                                              |     |    |                  | ---- |         | ----     |                                                                                                                                         | 230V 60Hz 20.45KW |                           | ----      | 1                    | ----               |           | (1)    |
|       | 32         | M3                | 风扇马达/Fan motor                                              |     |    |                  | ---- |         | ----     |                                                                                                                                         | 230V 60Hz 1.2KW   |                           | ----      | 1                    | ----               |           | (1)    |
| B     | 33         | EH1               | 曲轴箱加热带/Compressor Crankcase Heater                          |     |    |                  | ---- |         | ----     |                                                                                                                                         | 24VAC 35W         |                           | ----      | 1                    | ----               |           | (1)    |
|       | 34         | S11               | 远程开关/The remote switch                                      |     |    |                  | ---- |         | ----     |                                                                                                                                         | ----              |                           | ----      | 1                    | ----               |           | (1)(3) |
|       | 35         | S0                | 流量传感器/Flow sensor                                           |     |    |                  | ---- |         | ----     |                                                                                                                                         | ----              |                           | ----      | 1                    | ----               |           | (1)(5) |
|       | 36         | S4                | 水位开关/Water level switch                                     |     |    |                  | ---- |         | ----     |                                                                                                                                         | ----              |                           | ----      | 1                    | ----               |           | (1)(2) |
|       | 37         | S6                | 冷冻水流开关/Water flow switch                                    |     |    |                  | ---- |         | ----     |                                                                                                                                         | ----              |                           | ----      | 1                    | ----               |           | (1)    |
|       | 38         | S7                | 高压传感器/High pressure sensor                                  |     |    |                  | ---- |         | ----     |                                                                                                                                         | ----              |                           | ----      | 1                    | ----               |           | (1)    |
|       | 39         | S8                | 低压传感器/Low pressure sensor                                   |     |    |                  | ---- |         | ----     |                                                                                                                                         | ----              |                           | ----      | 1                    | ----               |           | (1)    |
| C     |            |                   |                                                             |     |    |                  |      |         |          |                                                                                                                                         |                   |                           |           |                      |                    |           |        |
|       |            |                   |                                                             |     |    |                  |      |         |          |                                                                                                                                         |                   |                           |           |                      |                    |           |        |
|       |            |                   |                                                             |     |    |                  |      |         |          |                                                                                                                                         |                   |                           |           |                      |                    |           |        |
|       |            |                   |                                                             |     |    |                  |      |         |          |                                                                                                                                         |                   |                           |           |                      |                    |           |        |
| D     | 机型版本 Ver.A |                   | 注: (1)表示非电控箱内材料, (2)选配水位开关, (3)选配远程开关, (4)选配液管阀, (5)选配流量传感器 |     |    |                  |      |         |          |                                                                                                                                         |                   |                           |           |                      |                    |           |        |
|       |            |                   |                                                             |     |    | 制图               |      | 版号      | 0        | 标题 SIC-49A-R2                                                                                                                           |                   | 图号 SIC-49A-R2-CE-230V-0-6 |           | 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<br>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      | 20230330 |                                                                                                                                         |                   | 机器频率                      |           | 60Hz                 |                    |           |        |
| 1     |            | 2                 |                                                             | 3   |    | 4                |      | 5       |          | 6                                                                                                                                       |                   | 7                         |           | 8                    |                    |           |        |









机型版本 Ver.A

标题 SIC-66A-R2  
电气元件布置及端子接线图

图号 SIC-66A-R2-CE-230V-A-3

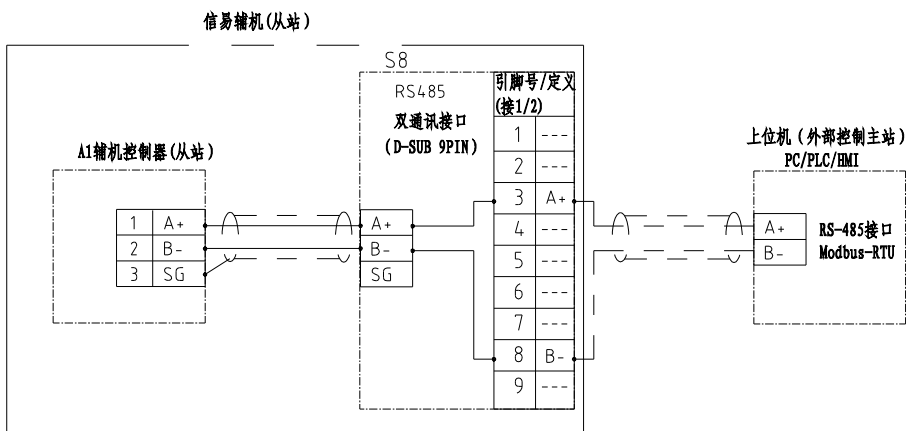
比例 第 3 张  
标准 CE 共 6 张

SHINI

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 60Hz

信易辅机RS-485通讯接线示意图



信易RS-485接口定义

S8

接口1

接口2

| D-sub-9针接口 | 引脚号 | 引脚定义           |
|------------|-----|----------------|
|            | 1   | 空              |
|            | 2   | 空              |
|            | 3   | A+ (RS-485 信号) |
|            | 4   | 空              |
|            | 5   | 空              |
|            | 6   | 空              |
|            | 7   | 空              |
|            | 8   | B- (RS-485 信号) |
|            | 9   | 空              |

- 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

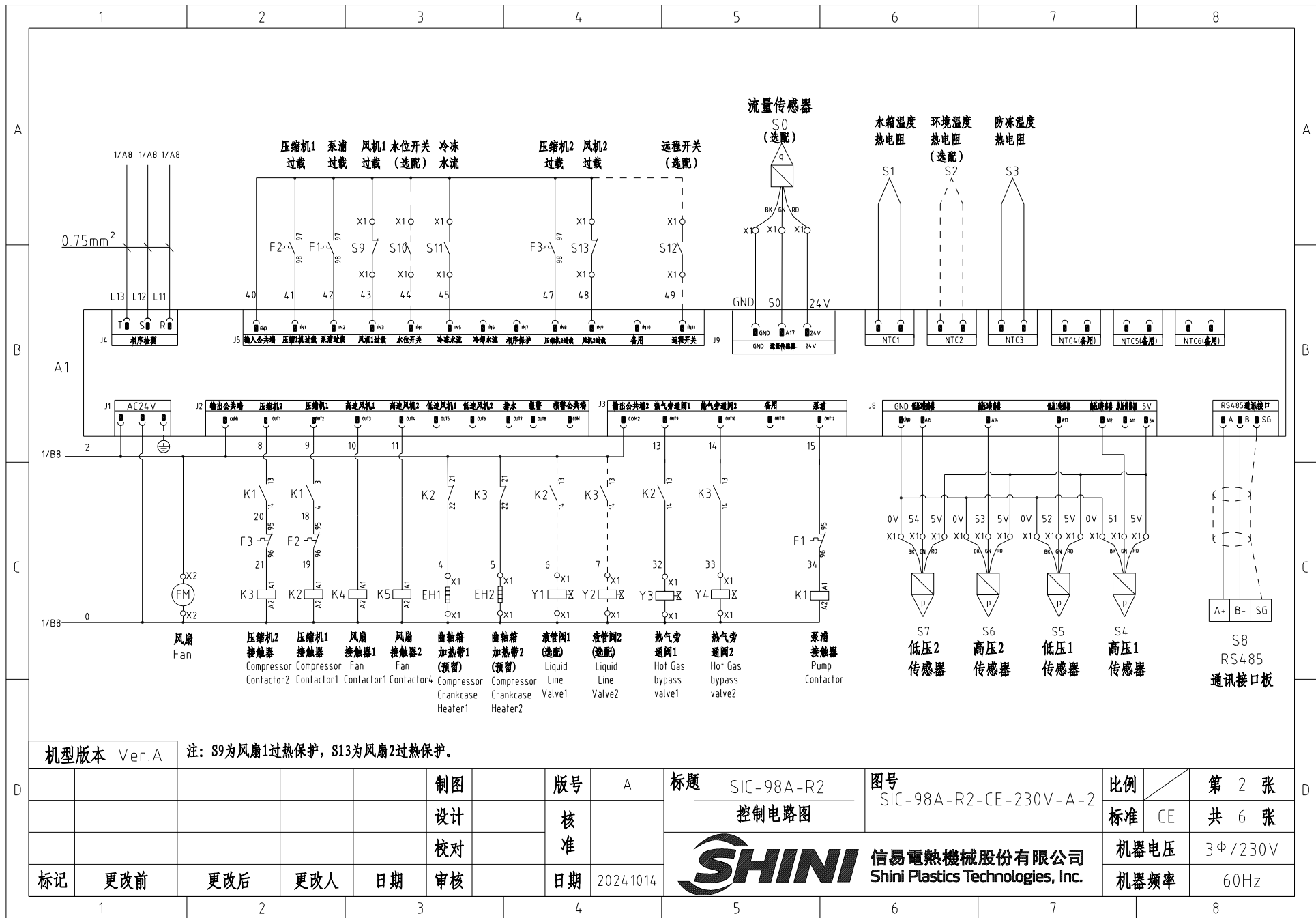
机型版本 Ver.A

|    |     |     |     |    |    |  |    |            |       |            |                                                         |                        |       |         |
|----|-----|-----|-----|----|----|--|----|------------|-------|------------|---------------------------------------------------------|------------------------|-------|---------|
|    |     |     |     |    | 制图 |  | 版号 | A          | 标题    | SIC-66A-R2 | 图号                                                      | SIC-66A-R2-CE-230V-A-4 | 比例    | 第 4 张   |
|    |     |     |     |    | 设计 |  | 核  |            | 通讯接线图 |            | 标准                                                      | CE                     | 共 6 张 |         |
|    |     |     |     |    | 校对 |  | 准  |            |       |            |                                                         |                        | 机器电压  | 3Φ/230V |
| 标记 | 更改前 | 更改后 | 更改人 | 日期 | 审核 |  | 日期 | 2024.10.08 |       |            | SHINI 信易电热机械股份有限公司<br>Shini Plastics Technologies, Inc. |                        | 机器频率  | 60Hz    |

| 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/Circuit breaker    |    |                  | TECO      |         | TAX-125L3125 3P        |                                                                                                                                         | 125A          |                           | PCS       | 1                    | YE40125301100 |           |               |
|            | 2         |                                                              | 断路器外部操作把手                 |    |                  | TECO      |         | FB1R-CS1-C-D1(TAX-125) |                                                                                                                                         | ----          |                           | 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      |         | FBBM-100D/3080T        |                                                                                                                                         | D80A          |                           | PCS       | 2                    | YE40308003000 |           |               |
|            | 5         | Q5 Q6                                                        | 断路器/Circuit breaker       |    |                  | TECO      |         | BM-63C/3010S           |                                                                                                                                         | 10A           |                           | PCS       | 2                    | YE40301003000 |           |               |
|            | 6         | Q7                                                           | 断路器/Circuit Breakers      |    |                  | TECO      |         | BM-63C/2003S           |                                                                                                                                         | 3A            |                           | PCS       | 1                    | YE40200203000 |           |               |
|            | 7         | Q8                                                           | 断路器/Circuit Breakers      |    |                  | TECO      |         | BM-63C/1006S           |                                                                                                                                         | 6A            |                           | PCS       | 1                    | YE40100600100 |           |               |
| B          | 8         | K1                                                           | 接触器/Contactor             |    |                  | SIEMENS   |         | 3RT6018-1AB01          |                                                                                                                                         | 24 VAC        |                           | PCS       | 1                    | YE00601802500 |           |               |
|            | 9         |                                                              | 辅助触点/auxiliary block      |    |                  | SIEMENS   |         | 3RH6911-1HA11          |                                                                                                                                         | 1NO+1NC       |                           | PCS       | 1                    | YE00691100100 |           |               |
|            | 10        | K2 K3                                                        | 接触器/Contactor             |    |                  | SIEMENS   |         | 3RT5036-1AC20          |                                                                                                                                         | 24 VAC        |                           | PCS       | 2                    | YE00503602600 |           |               |
|            | 11        |                                                              | 辅助触点/auxiliary block      |    |                  | SIEMENS   |         | 3RH5921-1CA10          |                                                                                                                                         | 1NO           |                           | PCS       | 2                    | YE00592110000 |           |               |
|            | 12        |                                                              | 辅助触点/auxiliary block      |    |                  | SIEMENS   |         | 3RH5921-1CA01          |                                                                                                                                         | 1NC           |                           | PCS       | 2                    | YE00592110100 |           |               |
|            | 13        | K4 K5                                                        | 接触器/Contactor             |    |                  | SIEMENS   |         | 3RT6017-1AB01          |                                                                                                                                         | 24 VAC        |                           | PCS       | 2                    | YE00601702500 |           |               |
|            | 14        | F1                                                           | 热过载继电器/Overload relay     |    |                  | SIEMENS   |         | 3RU6116-1JB0           |                                                                                                                                         | 7-10 A        |                           | PCS       | 1                    | YE01167100000 |           | SIC-66A-R2-P  |
| C          | 15        | F1                                                           | 热过载继电器/Overload relay     |    |                  | SIEMENS   |         | 3RU6116-1KB0           |                                                                                                                                         | 9-12 5A       |                           | PCS       | 1                    | YE01169125000 |           | SIC-66A-R2-HP |
|            | 16        | F2 F3                                                        | 热过载继电器/Overload relay     |    |                  | SIEMENS   |         | 3RU5136-4GB0           |                                                                                                                                         | 36-45A        |                           | PCS       | 2                    | YE01612660000 |           |               |
|            | 17        | A1                                                           | 控制器/Controller            |    |                  | PUNP      |         | 双压机冷水机控制器SF317504A     |                                                                                                                                         | AC 24V        |                           | PCS       | 1                    | YE80317500100 |           |               |
|            | 18        | T                                                            | 变压器/Transformer           |    |                  | JIUXIN    |         | IN=200/230V OUT=24V    |                                                                                                                                         | 180VA         |                           | PCS       | 1                    | YE70023005400 |           |               |
|            | 19        | S1 S3                                                        | 防冻温度热电阻/Anti-frozen RTD   |    |                  | PUNP      |         | RTD                    |                                                                                                                                         | 4X85 4M 1/4PT |                           | PCS       | 2                    | YE90001400700 |           |               |
|            | 20        | S8                                                           | 通信接口板RS-485(双Dsub-9pin接头) |    |                  | YUYUN     |         | ----                   |                                                                                                                                         | ----          |                           | PCS       | 1                    | YE90048501200 |           | (1)           |
|            | 21        |                                                              | 外壳RS485(SAL-700G-A-19)0版  |    |                  | BINCHENG  |         | ----                   |                                                                                                                                         | ----          |                           | PCS       | 1                    | YR40048500000 |           | (1)           |
| D          | 22        | X1 X2                                                        | 端子排/Terminal board        |    |                  | HONEYWELL |         | SK2.5                  |                                                                                                                                         | 2.5mm2        |                           | PCS       | 34                   | YE60002503200 |           |               |
|            | 23        |                                                              | 接地端子排/Terminal board      |    |                  | HONEYWELL |         | GK10PE                 |                                                                                                                                         | 10mm PE       |                           | PCS       | 2                    | YE60001003500 |           |               |
|            | 24        |                                                              | 接地端子排/Terminal board      |    |                  | HONEYWELL |         | GK16PE                 |                                                                                                                                         | 16mm PE       |                           | PCS       | 1                    | YE60001603500 |           |               |
|            | 25        |                                                              | 端子排/Terminal board        |    |                  | HONEYWELL |         | GK10                   |                                                                                                                                         | 10mm2         |                           | PCS       | 6                    | YE60001003200 |           |               |
| 机型版本 Ver.A |           | 注: (1)表示非电控箱内材料, (2)选配水位开关, (3)选配远程开关, (4)选配液管阀, (5)选配流量传感器。 |                           |    |                  |           |         |                        |                                                                                                                                         |               |                           |           |                      |               |           |               |
|            |           |                                                              |                           |    | 制图               |           | 版号      | A                      | 标题 SIC-66A-R2<br>电气元件明细表                                                                                                                |               | 图号 SIC-66A-R2-CE-230V-A-5 |           | 比例                   |               | 第 5 张     |               |
|            |           |                                                              |                           |    | 设计               |           | 核       |                        |                                                                                                                                         |               |                           |           | 标准                   | CE            | 共 6 张     |               |
|            |           |                                                              |                           |    | 校对               |           | 准       |                        |  信易電熱機械股份有限公司<br>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      | 2024.10.08             |                                                                                                                                         |               |                           |           | 机器频率                 | 60Hz          |           |               |
| 1          |           | 2                                                            |                           | 3  |                  | 4         |         | 5                      |                                                                                                                                         | 6             |                           | 7         |                      | 8             |           |               |

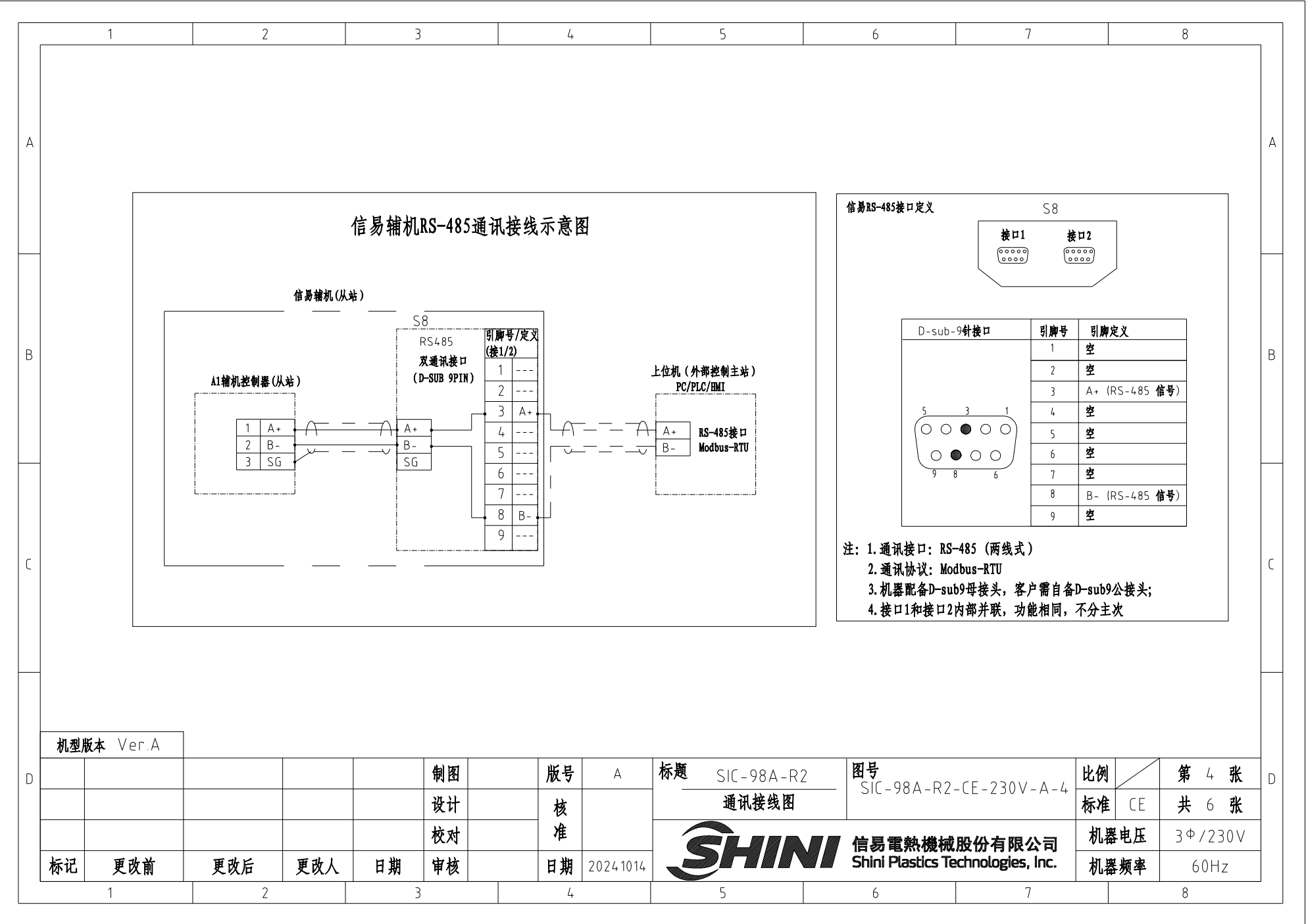
| 1     |           | 2                    |                                    | 3 |                  | 4    |         | 5    |                    | 6                  |         | 7         |                      | 8             |           |         |
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| 序号/NO | 符号/Symbol | 名称/Name              |                                    |   | 制造商/Manufacturer |      | 型号/Type |      | 规格/Specification   |                    | 单位/unit | 数量/Number | 物料编号/Material number |               | 备注/Remark |         |
| A     | 26        | 接地端子排/Terminal board |                                    |   | HONEYWELL        |      | GK2.5   |      | 2.5mm PE           |                    | PCS     | 6         | YE60002503400        |               |           |         |
|       | 27        | 终端固定件E/GK系列(霍尼韦尔)    |                                    |   | HONEYWELL        |      | ----    |      | ----               |                    | PCS     | 6         | YE60000003900        |               |           |         |
|       | 28        | 端子排/Terminal board   |                                    |   | HONEYWELL        |      | SK2.5   |      | 2.5mm <sup>2</sup> |                    | PCS     | 2         | YE60002503200        |               | (2)       |         |
|       | 29        | 端子排/Terminal board   |                                    |   | HONEYWELL        |      | SK2.5   |      | 2.5mm <sup>2</sup> |                    | PCS     | 2         | YE60002503200        |               | (3)       |         |
|       | 30        | 接地端子排/Terminal board |                                    |   | HONEYWELL        |      | GK2.5   |      | 2.5mm PE           |                    | PCS     | 2         | YE60002503400        |               | (4)       |         |
|       | 31        | 端子排/Terminal board   |                                    |   | HONEYWELL        |      | SK2.5   |      | 2.5mm <sup>2</sup> |                    | PCS     | 3         | YE60002503200        |               | (4)       |         |
|       | 32        | 端子排/Terminal board   |                                    |   | HONEYWELL        |      | SK2.5   |      | 2.5mm <sup>2</sup> |                    | PCS     | 2         | YE60002503200        |               | (5)       |         |
| B     | 33        | Y1 Y2                | 液管阀/Liquid pipe valve              |   |                  | ---- |         | ---- |                    | 24VAC              |         | PCS       | 2                    | ----          |           | (1) (4) |
|       | 34        | Y3 Y4                | 电磁阀/Solenoid valve                 |   |                  | ---- |         | ---- |                    | 24VAC              |         | PCS       | 2                    | ----          |           | (1)     |
|       | 35        | M1                   | 泵浦马达/Pump motor                    |   |                  | ---- |         | ---- |                    | 230V 50/60H 2.2KW  |         | PCS       | 1                    | SIC-66A-R2-P  |           | (1)     |
|       | 36        | M1                   | 泵浦马达/Pump motor                    |   |                  | ---- |         | ---- |                    | 230V 50/60Hz 3KW   |         | PCS       | 1                    | SIC-66A-R2-HP |           | (1)     |
|       | 37        | M2 M3                | 压缩机/Compressor                     |   |                  | ---- |         | ---- |                    | 230V 50/60Hz 11kW  |         | PCS       | 2                    | ----          |           | (1)     |
|       | 38        | M4 M5                | 风扇马达/Fan motor                     |   |                  | ---- |         | ---- |                    | 230V 50/60Hz 0.7kw |         | PCS       | 2                    | ----          |           | (1)     |
|       | 39        | EH1 EH2              | 曲轴箱加热带/Compressor Crankcase Heater |   |                  | ---- |         | ---- |                    | 24VAC 35W          |         | PCS       | 2                    | ----          |           | (1)     |
| C     | 40        | S12                  | 远程开关/The remote switch             |   |                  | ---- |         | ---- |                    | ----               |         | PCS       | 1                    | ----          |           | (1) (3) |
|       | 41        | S0                   | 流量传感器/Flow sensor                  |   |                  | ---- |         | ---- |                    | ----               |         | PCS       | 1                    | ----          |           | (1) (5) |
|       | 42        | S10                  | 水位开关/Water level switch            |   |                  | ---- |         | ---- |                    | ----               |         | PCS       | 1                    | ----          |           | (1) (2) |
|       | 43        | S11                  | 冷冻水流开关/Water flow switch           |   |                  | ---- |         | ---- |                    | ----               |         | PCS       | 1                    | ----          |           | (1)     |
|       | 44        | S4 S6                | 高压传感器/High pressure sensor         |   |                  | ---- |         | ---- |                    | ----               |         | PCS       | 2                    | ----          |           | (1)     |
|       | 45        | S5 S7                | 低压传感器/Low pressure sensor          |   |                  | ---- |         | ---- |                    | ----               |         | PCS       | 2                    | ----          |           | (1)     |
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| 1          |           | 2                                                            |                           | 3  |                  | 4         |         | 5                      |                                                                                                                                         | 6             |                           | 7         |                      | 8             |           |               |
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| 序号/NO      | 符号/Symbol | 名称/Name                                                      |                           |    | 制造商/Manufacturer |           | 型号/Type |                        | 规格/Specification                                                                                                                        |               | 单位/unit                   | 数量/Number | 物料编号/Material number |               | 备注/Remark |               |
| A          | 1         | Q1                                                           | 门连锁断路器/Circuit breaker    |    |                  | TECO      |         | TAX-250L3160 3P        |                                                                                                                                         | 160A          |                           | PCS       | 1                    | YE40250300400 |           |               |
|            | 2         |                                                              | 断路器外部操作把手                 |    |                  | TECO      |         | FB2R-CS1-C-D1(TAX-250) |                                                                                                                                         | ----          |                           | PCS       | 1                    | YE90211200300 |           |               |
|            | 3         | Q2                                                           | 断路器/Circuit breaker       |    |                  | TECO      |         | BM-63C/3050S           |                                                                                                                                         | 50A           |                           | PCS       | 1                    | YE40305003000 |           |               |
|            | 4         | Q3 Q4                                                        | 断路器/Circuit breaker       |    |                  | TECO      |         | FBBM-100D/3100T        |                                                                                                                                         | 100A 3P       |                           | PCS       | 2                    | YE40310003000 |           |               |
|            | 5         | Q5 Q6                                                        | 断路器/Circuit breaker       |    |                  | TECO      |         | BM-63C/3010S           |                                                                                                                                         | 10A           |                           | PCS       | 2                    | YE40301003000 |           |               |
|            | 6         | Q7                                                           | 断路器/Circuit Breakers      |    |                  | TECO      |         | BM-63C/2003S           |                                                                                                                                         | 3A            |                           | PCS       | 1                    | YE40200203000 |           |               |
|            | 7         | Q8                                                           | 断路器/Circuit Breakers      |    |                  | TECO      |         | BM-63C/1006S           |                                                                                                                                         | 6A            |                           | PCS       | 1                    | YE40100600100 |           |               |
| B          | 8         | K1                                                           | 接触器/Contactor             |    |                  | SIEMENS   |         | 3RT6027-1AC20          |                                                                                                                                         | 24VAC         |                           | PCS       | 1                    | YE00602702600 |           |               |
|            | 9         |                                                              | 辅助触点/auxiliary block      |    |                  | SIEMENS   |         | 3RH6911-1AA10          |                                                                                                                                         | 1NO           |                           | PCS       | 2                    | YE00691110000 |           |               |
|            | 10        | K2 K3                                                        | 接触器/Contactor             |    |                  | SIEMENS   |         | 3RT5045-1AC20          |                                                                                                                                         | 24VAC         |                           | PCS       | 2                    | YE00504502600 |           |               |
|            | 11        |                                                              | 辅助触点/auxiliary block      |    |                  | SIEMENS   |         | 3RH5921-1CA10          |                                                                                                                                         | 1NO           |                           | PCS       | 2                    | YE00592110000 |           |               |
|            | 12        |                                                              | 辅助触点/auxiliary block      |    |                  | SIEMENS   |         | 3RH5921-1CA01          |                                                                                                                                         | 1NC           |                           | PCS       | 2                    | YE00592110100 |           |               |
|            | 13        | K4 K5                                                        | 接触器/Contactor             |    |                  | SIEMENS   |         | 3RT6017-1AB01          |                                                                                                                                         | 24VAC         |                           | PCS       | 2                    | YE00601702500 |           |               |
|            | 14        | F1                                                           | 热过载继电器/Overload relay     |    |                  | SIEMENS   |         | 3RU6126-4CB0           |                                                                                                                                         | 17-22A        |                           | PCS       | 1                    | YE01260170000 |           | SIC-98A-R2    |
| C          | 15        | F1                                                           | 热过载继电器/Overload relay     |    |                  | SIEMENS   |         | 3RU6126-4DB0           |                                                                                                                                         | 20-25A        |                           | PCS       | 1                    | YE01260200000 |           | SIC-98A-R2-HP |
|            | 16        | F2 F3                                                        | 热过载继电器/Overload relay     |    |                  | SIEMENS   |         | 3RU5146-4JB0           |                                                                                                                                         | 45-63A        |                           | PCS       | 2                    | YE01514640000 |           |               |
|            | 17        | A1                                                           | 控制器/Controller            |    |                  | PUNP      |         | 冷水机控制器SF317504A        |                                                                                                                                         | AC 24V        |                           | PCS       | 1                    | YE80317500100 |           |               |
|            | 18        | T                                                            | 变压器/Transformer           |    |                  | JIUXIN    |         | IN=200/230V OUT=24V    |                                                                                                                                         | 180VA         |                           | PCS       | 1                    | YE70023005400 |           |               |
|            | 19        | S1 S3                                                        | 防冻温度热电阻/Anti-frozen RTD   |    |                  | PUNP      |         | RTD                    |                                                                                                                                         | 4X85 4M 1/4PT |                           | PCS       | 2                    | YE90001400700 |           |               |
|            | 20        | S8                                                           | 通信接口板RS-485(双Dsub-9pin接头) |    |                  | YUYUN     |         | ----                   |                                                                                                                                         | ----          |                           | PCS       | 1                    | YE90048501200 |           | (1)           |
|            | 21        |                                                              | 外壳RS485(SAL-700G-A-19)0版  |    |                  | BINCHENG  |         | ----                   |                                                                                                                                         | ----          |                           | PCS       | 1                    | YR40048500000 |           | (1)           |
| D          | 22        | X1 X2                                                        | 端子排/Terminal board        |    |                  | HONEYWELL |         | SK2.5                  |                                                                                                                                         | 2.5mm2        |                           | PCS       | 34                   | YE60002503200 |           |               |
|            | 23        |                                                              | 接地端子排/Terminal board      |    |                  | HONEYWELL |         | GK16PE                 |                                                                                                                                         | 16.0mm PE     |                           | PCS       | 2                    | YE60001603500 |           |               |
|            | 24        |                                                              | 接地端子排/Terminal board      |    |                  | HONEYWELL |         | GK35PE                 |                                                                                                                                         | 35.0mm PE     |                           | PCS       | 1                    | YE60003503500 |           |               |
|            | 25        |                                                              | 端子排/Terminal board        |    |                  | HONEYWELL |         | GK16                   |                                                                                                                                         | 16.0mm2       |                           | PCS       | 6                    | YE60001603200 |           |               |
| 机型版本 Ver.A |           | 注: (1)表示非电控箱内材料, (2)选配水位开关, (3)选配远程开关, (4)选配液管阀, (5)选配流量传感器。 |                           |    |                  |           |         |                        |                                                                                                                                         |               |                           |           |                      |               |           |               |
|            |           |                                                              |                           |    | 制图               |           | 版号      | A                      | 标题 SIC-98A-R2<br>电气元件明细表                                                                                                                |               | 图号 SIC-98A-R2-CE-230V-A-5 |           | 比例                   |               | 第 5 张     |               |
|            |           |                                                              |                           |    | 设计               |           | 核       |                        |                                                                                                                                         |               |                           |           | 标准                   | CE            | 共 6 张     |               |
|            |           |                                                              |                           |    | 校对               |           | 准       |                        |  信易電熱機械股份有限公司<br>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      | 2024.10.14             |                                                                                                                                         |               |                           |           | 机器频率                 | 60Hz          |           |               |
| 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        | 接地端子排/Terminal board                                         |                                    |     | HONEYWELL        |      | GK2.5   |            | 2.5mm PE                                                                                                                                |                      | PCS                       | 4         | YE60002503400        |               |           |         |
|            | 27        | 端子排/Terminal board                                           |                                    |     | HONEYWELL        |      | SK2.5   |            | 2.5mm <sup>2</sup>                                                                                                                      |                      | PCS                       | 2         | YE60002503200        |               | (2)       |         |
|            | 28        | 端子排/Terminal board                                           |                                    |     | HONEYWELL        |      | SK2.5   |            | 2.5mm <sup>2</sup>                                                                                                                      |                      | PCS                       | 4         | YE60002503200        |               | (3)       |         |
|            | 29        | 接地端子排/Terminal board                                         |                                    |     | HONEYWELL        |      | GK2.5   |            | 2.5mm PE                                                                                                                                |                      | PCS                       | 2         | YE60002503400        |               | (3)       |         |
|            | 30        | 端子排/Terminal board                                           |                                    |     | HONEYWELL        |      | SK2.5   |            | 2.5mm <sup>2</sup>                                                                                                                      |                      | PCS                       | 3         | YE60002503200        |               | (4)       |         |
|            | 31        | 端子排/Terminal board                                           |                                    |     | HONEYWELL        |      | SK2.5   |            | 2.5mm <sup>2</sup>                                                                                                                      |                      | PCS                       | 2         | YE60002503200        |               | (5)       |         |
|            | 32        | 终端固定件E/GK系列(霍尼韦尔)                                            |                                    |     | HONEYWELL        |      | ----    |            | ----                                                                                                                                    |                      | PCS                       | 6         | YE60000003900        |               |           |         |
| B          | 33        | Y1 Y2                                                        | 液管阀/Liquid pipe valve              |     |                  | ---- |         | ----       |                                                                                                                                         | 24VAC                |                           | PCS       | 2                    | ----          |           | (1) (4) |
|            | 34        | Y3 Y4                                                        | 电磁阀/Solenoid valve                 |     |                  | ---- |         | ----       |                                                                                                                                         | 24VAC                |                           | PCS       | 2                    | ----          |           | (1)     |
|            | 35        | M1                                                           | 泵浦马达/Pump motor                    |     |                  | ---- |         | ----       |                                                                                                                                         | 230V 50/60Hz 5.5KW   |                           | PCS       | 1                    | SIC-98A-R2    |           | (1)     |
|            | 36        | M1                                                           | 泵浦马达/Pump motor                    |     |                  | ---- |         | ----       |                                                                                                                                         | 230V 50/60Hz 7.5KW   |                           | PCS       | 1                    | SIC-98A-R2-HP |           | (1)     |
|            | 37        | M2 M3                                                        | 压缩机/Compressor                     |     |                  | ---- |         | ----       |                                                                                                                                         | 230V 50/60Hz 20.45kW |                           | PCS       | 2                    | ----          |           | (1)     |
|            | 38        | M4 M5                                                        | 风扇马达/Fan motor                     |     |                  | ---- |         | ----       |                                                                                                                                         | 230V 50/60Hz 0.7kW   |                           | PCS       | 2                    | ----          |           | (1)     |
|            | 39        | EH1 EH2                                                      | 曲轴箱加热带/Compressor Crankcase Heater |     |                  | ---- |         | ----       |                                                                                                                                         | 24VAC 35W            |                           | PCS       | 2                    | ----          |           | (1)     |
| C          | 40        | S12                                                          | 远程开关/The remote switch             |     |                  | ---- |         | ----       |                                                                                                                                         | ----                 |                           | PCS       | 1                    | ----          |           | (1) (3) |
|            | 41        | S0                                                           | 流量传感器/Flow sensor                  |     |                  | ---- |         | ----       |                                                                                                                                         | ----                 |                           | PCS       | 1                    | ----          |           | (1) (5) |
|            | 42        | S10                                                          | 水位开关/Water level switch            |     |                  | ---- |         | ----       |                                                                                                                                         | ----                 |                           | PCS       | 1                    | ----          |           | (1) (2) |
|            | 43        | S11                                                          | 冷冻水流开关/Water flow switch           |     |                  | ---- |         | ----       |                                                                                                                                         | ----                 |                           | PCS       | 1                    | ----          |           | (1)     |
|            | 44        | S4 S6                                                        | 高压传感器/High pressure sensor         |     |                  | ---- |         | ----       |                                                                                                                                         | ----                 |                           | PCS       | 2                    | ----          |           | (1)     |
|            | 45        | S5 S7                                                        | 低压传感器/Low pressure sensor          |     |                  | ---- |         | ----       |                                                                                                                                         | ----                 |                           | PCS       | 2                    | ----          |           | (1)     |
|            |           |                                                              |                                    |     |                  |      |         |            |                                                                                                                                         |                      |                           |           |                      |               |           |         |
|            |           |                                                              |                                    |     |                  |      |         |            |                                                                                                                                         |                      |                           |           |                      |               |           |         |
| 机型版本 Ver.A |           | 注: (1)表示非电控箱内材料, (2)选配水位开关, (3)选配远程开关, (4)选配液管阀, (5)选配流量传感器。 |                                    |     |                  |      |         |            |                                                                                                                                         |                      |                           |           |                      |               |           |         |
| D          |           |                                                              |                                    |     | 制图               |      | 版号      | A          | 标题 SIC-98A-R2                                                                                                                           |                      | 图号 SIC-98A-R2-CE-230V-A-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<br>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      | 2024.10.14 |                                                                                                                                         |                      | 机器频率                      |           | 60Hz                 |               |           |         |
| 1          |           | 2                                                            |                                    | 3   |                  | 4    |         | 5          |                                                                                                                                         | 6                    |                           | 7         |                      | 8             |           |         |