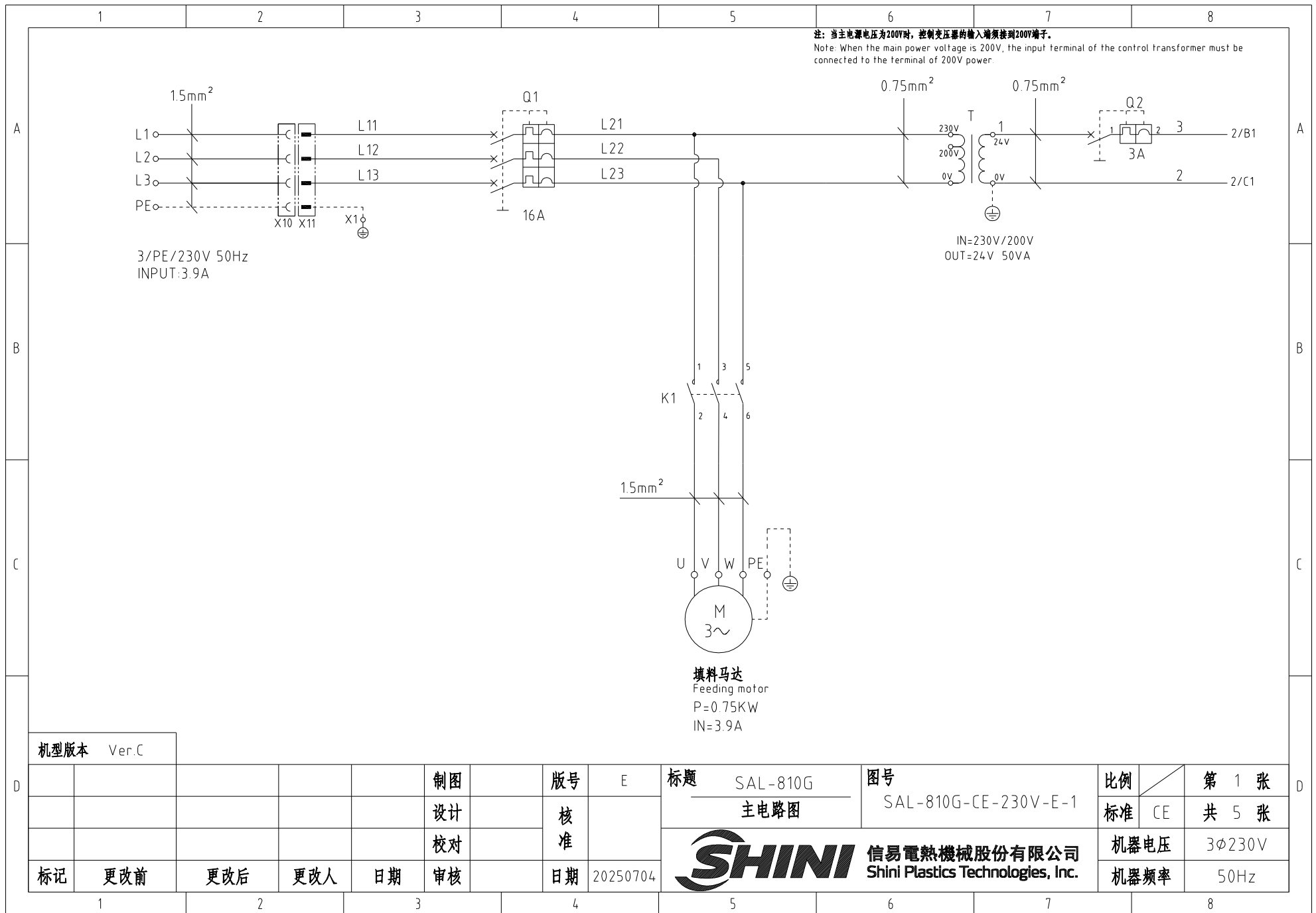


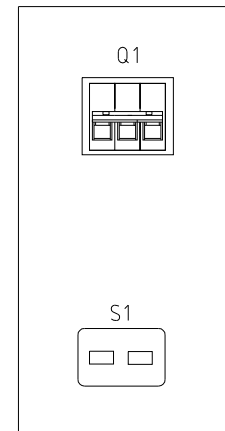
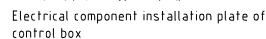


机型版本 Ver.C

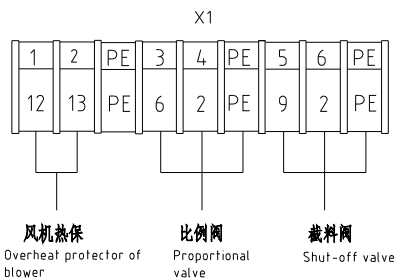
					制图		版号	E
					设计		核	
					校对		准	
标记	更改前	更改后	更改人	日期	审核		日期	20250704

标题	SAL-810G 主电路图	图号	SAL-810G-CE-230V-E-1	比例	第 1 张
				标准	共 5 张
				机器电压	3φ230V
				机器频率	50Hz

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



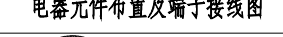
A schematic diagram of a four-terminal device. It consists of a rectangular box with four terminals. Terminal 11 is on the left, connected to a circle with a dot inside. Terminal 13 is on the left, connected to a circle with a dot inside. Terminal 10 is on the right, connected to a circle with a dot inside. A ground symbol (a circle with a cross) is located at the top center of the box.



脚号 Subscript	功能 Function	描述 Description
1	料位信号 (SENS) Material level signal	接料位开关 Connect to material level switch
2	GND	
3	24 V +	
4	----	

Technical requirements: 1. The main power cord of the machine does not pass through the terminal block and is connected to the control box through an industrial plug
2. The power cord of the fan is directly connected to the contactor without passing through the terminal block

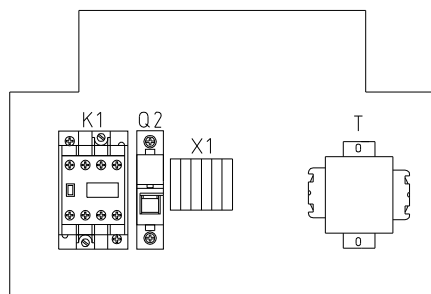
技术要求:1、机器主电源线不经端子排,由工业插头接入控制箱
2、风机电源线直接接触器,不经端子排

机型版本		Ver.C		技术要求:1、机器主电源线不经端子排，由工业插头接入控制箱 2、风机电源线直接接触器，不经端子排										
					制图		版本号	E	标题	SAL-810G	图号	比例		第 3 张
					设计		核 准		电器元件布置及端子接线图	SAL-810G-CE-230V-E-3	标准	CE	共 5 张	
					校对								机器电压	3 ϕ 230V
标记	更改前	更改后	更改人	日期	审核		日期	20250704		信易电热机械股份有限公司 Shini Plastics Technologies, Inc.	机器频率	50Hz		

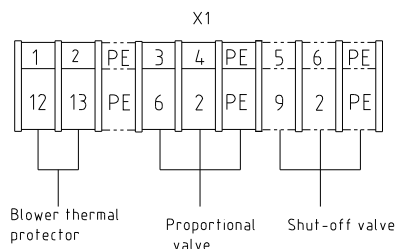
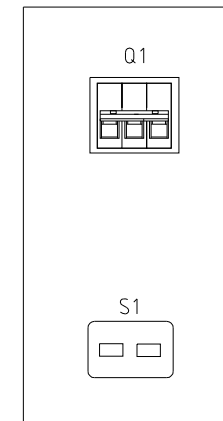
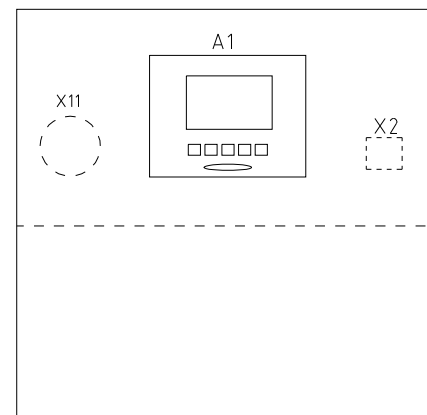
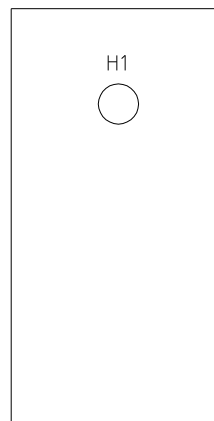


信易電熱機械股份有限公司
Shini Plastics Technologies, Inc.

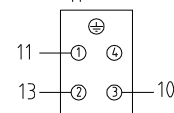
1		2		3		4		5		6		7		8		
序号/NO	符号/Symbol	名称/Name			制造商/Manufacturer		型号/Type		规格/Specification		单位/unit	数量/Number	物料编号/Material number		备注/Remark	
A	1	X11	工业暗装插头/ Consealed plug			QX		QX-813 4P/16A(公)		4P/16A		PCS	1	YE62081300000		
	2	Q1	断路器/Circuit-Breakers			TECO		BM-63C/3016S		16A		PCS	1	YE40301603000		
	3	Q2	断路器/Circuit-Breakers			TECO		BM-63C/1003S		3A 1P		PCS	1	YE40100203000		
	4	K1	接触器/Contactors			SCHNEIDER		LC1-D09B7C		24 VAC		PCS	1	YE00972400000		
	5	A1	控制器/Controller			YUYUN		CS-2X 200V 200W 485 (including communication components (new appearance))		24 VAC/DC		PCS	1	YE80232402300		
	6	S1	RS-485通信接口板 RS-485 Communication interface board			YUYUN		---		双Dsub-9pin接口 double Dsub-9pin connector		PCS	1	YE90048501200		
	7		外壳RS485(SAL-700G-A-19)0版 Shell RS485(SAL-700G-A-19)0			BINCHENG		---		---		PCS	1	YR40048500000		
B	8	H1	蜂鸣器/Buzzer			---		PK-35A		24 VAC/DC		PCS	1	YE84003500600		
	9	T	变压器/Transformer			JIUXIN		IN=230V/200V OUT=24V 50VA		50VA		PCS	1	YE70023005100		
	10		终端固定件E/GK系列 Terminal fittings E/GK series			HONEYWELL		---		PCS		PCS	4	YE60000003900		
	11	X1	接线端子/Connection terminal			HONEYWELL		SK2.5		2.5mm ²		PCS	6	YE60002503200		
	12		接线端子/Connection terminal			HONEYWELL		GK2.5PE		2.5PE		PCS	3	YE60002503400		
	13	X2	重载接头/Heavy duty connectors			HARTING		Han E-4F(母)		4P		PCS	1	YE68000401400		
	14	Y1 Y2	电磁阀/Solenoid Vavle			AIRTAC		---		24 VAC			4	---		(1)
C	15	M	马达/Motor			SHINI		0.75KW (带热保护器) 0.75KW (with thermal protector)		230V 50/60Hz			1	---		(1)
	16	M1	过热保护器 Overheat protector			---		---		----			1	---		(1) 风机内配备 inside the blower
D	Notes: (1)Means it 's not the material inside the control box.															
	机型版本 Ver.C		注: (1)表示非电控箱安装。													
						制图		版号	E	标题 SAL-810G		图号 SAL-810G-CE-230V-E-5		比例	第 5 张	
						设计		核		电器元件明细表一		标准	CE	共 5 张		
						校对		准		 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		机器电压		3φ230V		
	标记	更改前	更改后	更改人	日期	审核		日期	20250704			机器频率		50Hz		
	1		2		3		4		5		6		7		8	



Control box elec. mount plate



X2 (heavy-duty connector
between hopper and host unit)



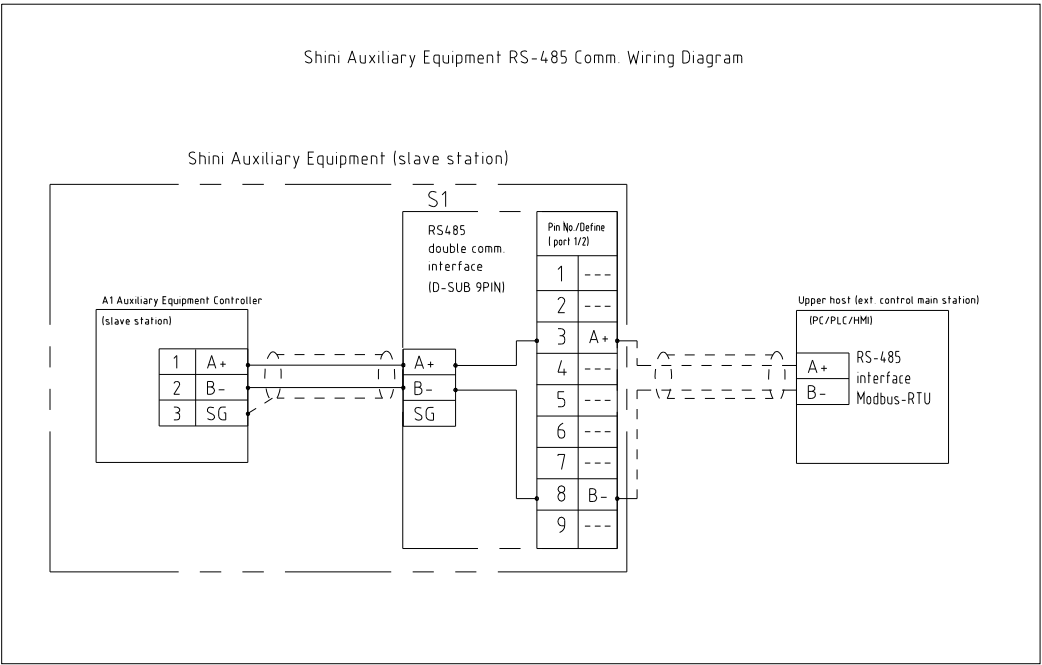
No	Function	Description
1	Level signal (SENS)	Connect to level switch
2	GND	
3	24 V +	
4	----	----

Tech. Req: 1.Machine power wire is connected to the control box by the industrial plug without connecting the terminal block.
2.The blower power wire is directly connected to the contactor without connecting the terminal block.

机型版本: Ver.B

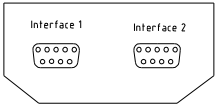
					制图		版号	C	标题	SAL-820G	图号	SAL-820G-CE-230V-C-3	比例	第 3 张
					设计		核		电气元件布置图				标准	CE
					校对		准						机器电压	3φ230V
标记	更改前	更改后	更改人	日期	审核		日期	20221110			信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		机器频率	50Hz

Shini Auxiliary Equipment RS-485 Comm. Wiring Diagram



Shini RS-485 Interface Define

S1



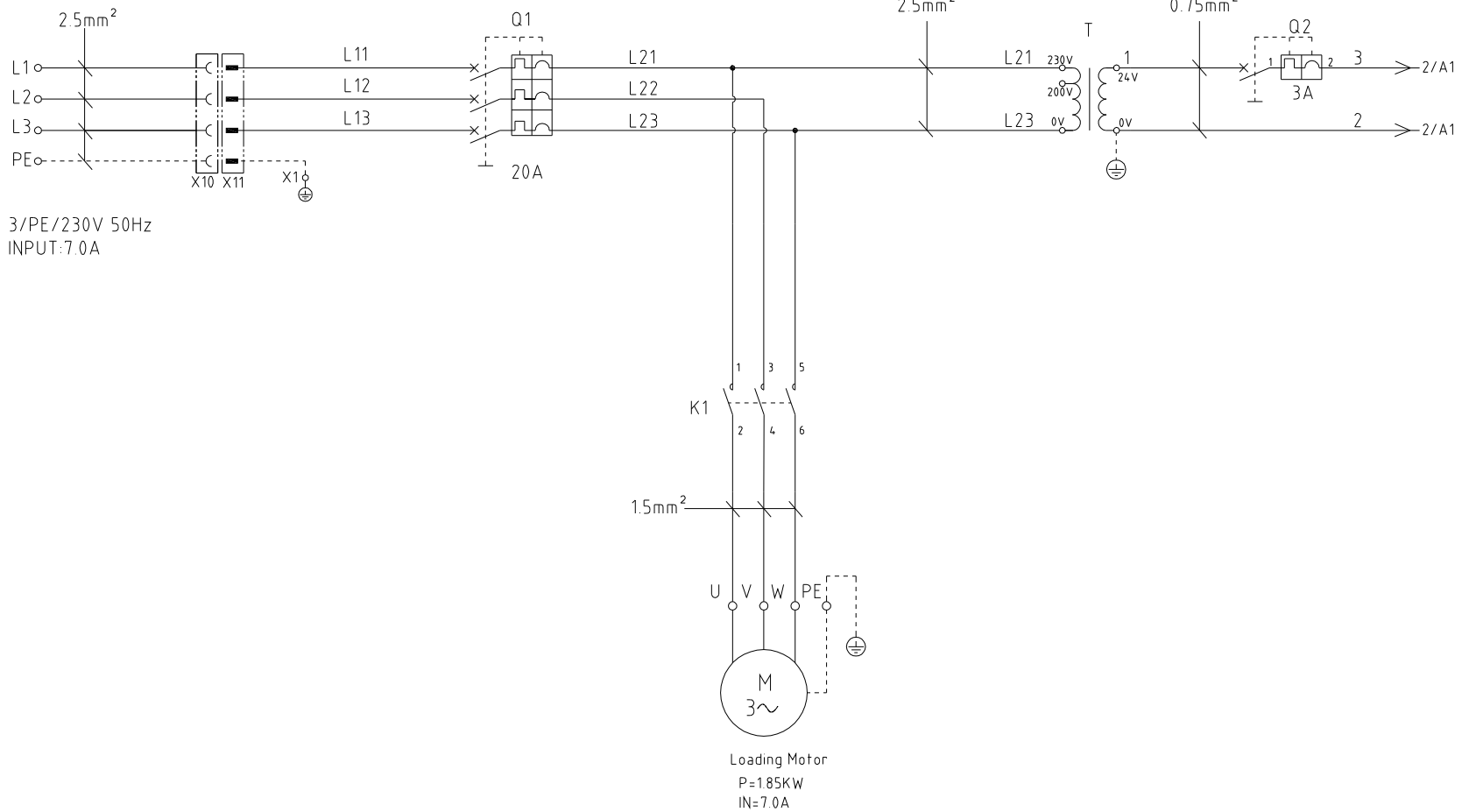
D-sub-9 Pin interface	Foot	Foot Definition
1	—	
2	—	
3	A+	(RS-485 signal)
4	—	
5	—	
6	—	
7	—	
8	B-	(RS-485 signal)
9	—	

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

机型版本: Ver.B

					制图		版号	C	标题	SAL-820G	图号	SAL-820G-CE-230V-C-4	比例	第 4 张
					设计		核		通讯接线图				标准	共 5 张
					校对		准						机器电压	3φ230V
标记	更改前	更改后	更改人	日期	审核		日期	20221110		SHINI 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.			机器频率	50Hz

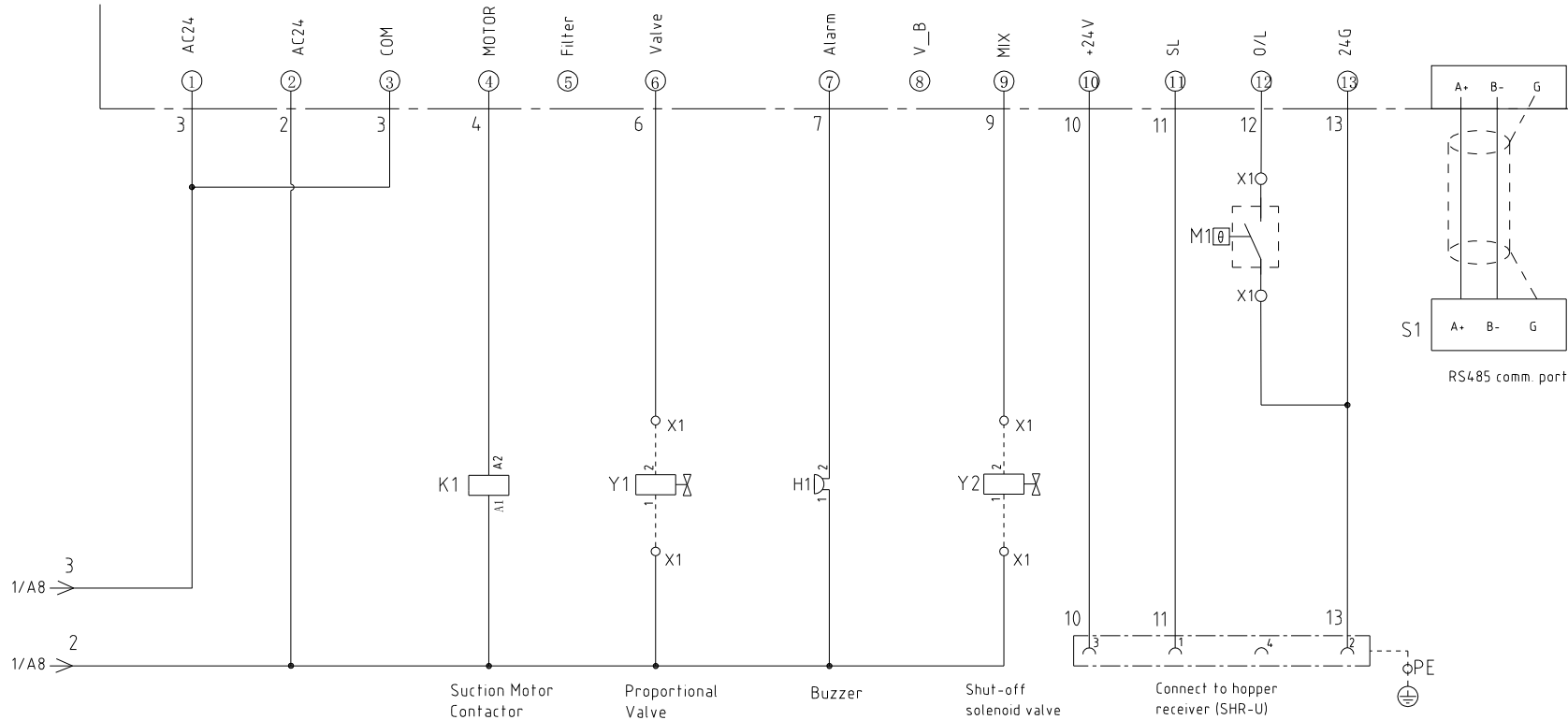
1		2		3		4		5		6		7		8		
N0.	Symbol	Name			Manufacturer		Type		Specification		Number	Material number			Remark	
A	1	X11	Industrial socket			QX		QX-813 4P/16A(male)		4P/16A		1	YE62081300000			
	2	Q1	Circuit-breakers			TECO		BM-63C/3016S		16A		1	YE40301603000			
	3	Q2	Circuit-breakers			TECO		BM-63C/1003S		3A 1P		1	YE40100203000			
	4	K1	Contactors			SCHNEIDER		LC1-D09B7C		24 VAC		1	YE00972400000			
	5	A1	Controller			YUYUN		CS-23(with comm.)		24 VAC/DC		1	YE80232402200			
	6	S1	RS-485 comm. interface			YUYUN		---		Dsub-9pin connector		1	YE90048501200			
	7		Shell RS-485 (SAL-700G-A-19) ver.0			BINCHENG		---		---		1	YR40048500000			
B	8	H1	Buzzer			---		PK-35A		24 VAC/DC		1	YE84003500600			
	9	T	Transformer			JIUXIN		IN=230/230V OUT=24V		50VA		1	YE70023005100			
	10		Terminal fittings E/GK series (honeywell)			HONEYWELL		---		PCS		4	YE60000003900			
	11	X1	Wiring terminal			HONEYWELL		SK2.5		2.5mm ²		6	YE60002503200			
	12		Wiring terminal			HONEYWELL		GK2.5PE		2.5PE		3	YE60002503400			
	13	X2	Heavy-duty connectors			HARTING		Han E-4F(female)		4P		1	YE68000401400			
	14	Y1 Y2 Y3 Y4	Solenoid Vavle			AIRTAC		---		24 VAC		4	---			(1)
C	15	M	Motor			SHINI		15KW(with thermal protector)		230V 50Hz		1	---			(1)
	16	M1	Thermal protector			---		---		----		1	---			(1) in blower
D																
机型版本: Ver.B		Note: (1) Materials not mounted in the control box;														
					制图		版号	C	标题 SAL-820G		图号 SAL-820G-CE-230V-C-5		比例		第 5 张	
					设计		核		电气元件明细表一				标准	CE	共 5 张	
					校对		准		 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		机器电压		3ø230V			
标记	更改前	更改后	更改人	日期	审核		日期	20221110			机器频率		50Hz			
1		2		3		4		5		6		7		8		



Note: When the main power supply is 200V, the control transformer input terminal must be connected to the power of 200V.

机型版本: Ver.C					制图	版号	C	标题	SAL-830G	图号	SAL-830G-CE-230V-C-1	比例	第 1 张
					设计	核		主电路图				标准	CE
					校对	准		 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.				机器电压	3φ230V
标记	更改前	更改后	更改人	日期	审核	日期	20221110					机器频率	50Hz
1	2	3	4	5	6	7	8						

CS-23



机型版本: Ver.C

Note: M1 is the internal thermal protector of suction blower.

D					制图		版号	C	标题	SAL-830G	图号	SAL-830G-CE-230V-C-2	比例	第 2 张	D
					设计		核		控制电路图				标准	CE	
					校对		准		 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.				机器电压	3φ230V	
	标记	更改前	更改后	更改人	日期	审核	日期	20221110					机器频率	50Hz	

1

2

3

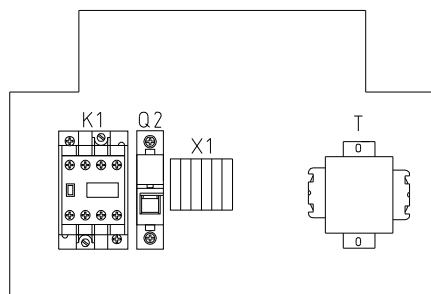
4

5

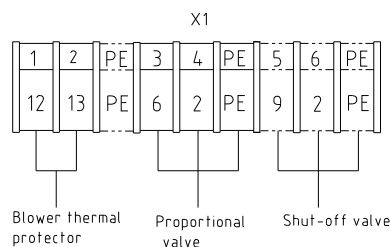
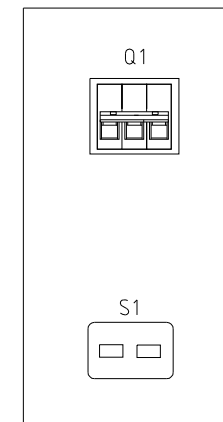
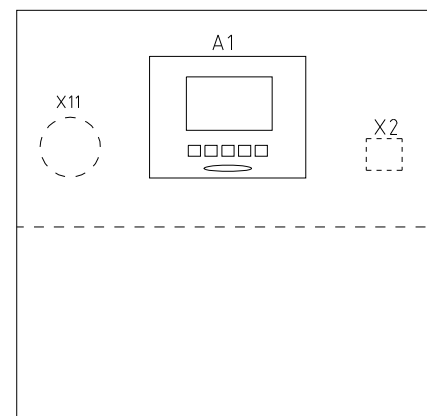
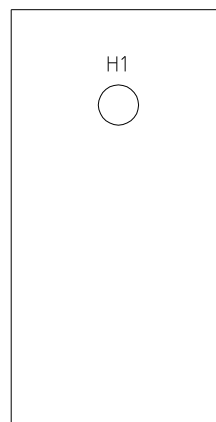
6

7

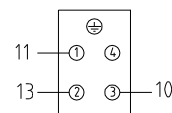
8



Control box elec. mount plate



X2 (heavy-duty connector
between hopper and host unit)



No.	Function	Description
1	Level signal (SENS)	Connect to level switch
2	GND	
3	24 V +	
4	----	----

Tech. Req.: 1.Machine power wire is connected to the control box by the industrial plug without connecting the terminal block.
2.The blower power wire is directly connected to the contactor without connecting the terminal block.

机型版本: Ver.C

					制图		版号	C
					设计		核	
					校对		准	
标记	更改前	更改后	更改人	日期	审核		日期	20221110

标题	SAL-830G	图号	SAL-830G-CE-230V-C-3	比例		第 3 张
	电气元件布置图			标准	CE	共 5 张
 信易电热机械股份有限公司 Shini Plastics Technologies, Inc.				机器电压	3 ϕ 230V	
				机器频率	50Hz	

12345678

A

A

B

B

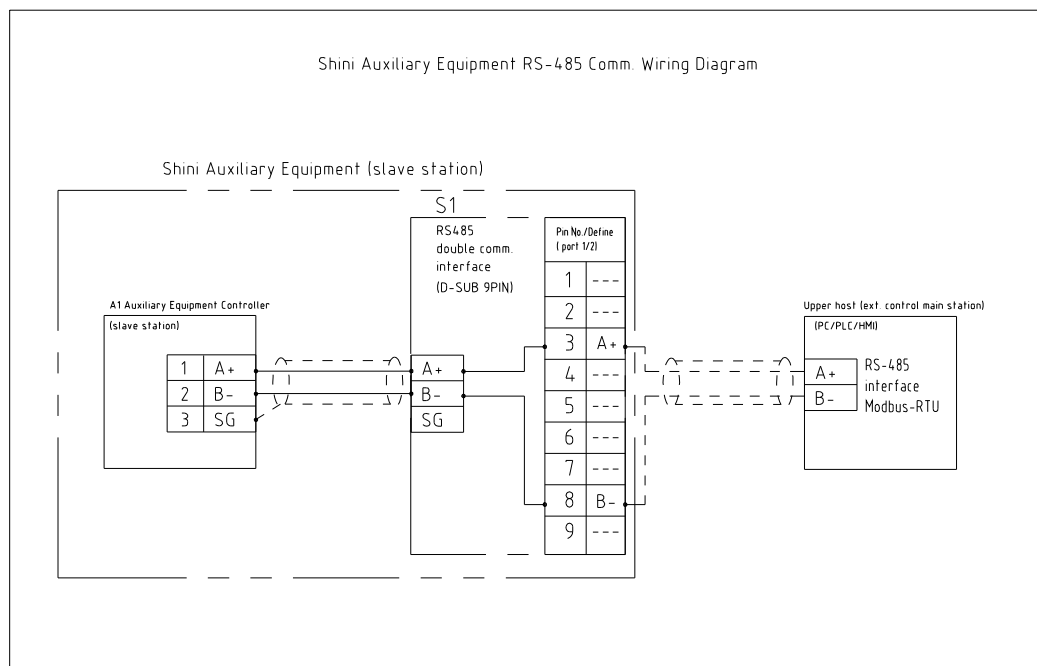
C

C

D

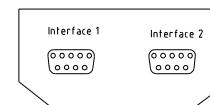
D

Shini Auxiliary Equipment RS-485 Comm. Wiring Diagram



Shini RS-485 Interface Define

S1



D-sub-9 Pin interface	Foot	Foot Definition
1	—	
2	—	
3	A+	(RS-485 signal)
4	—	
5	—	
6	—	
7	—	
8	B-	(RS-485 signal)
9	—	

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

2. Comm. protocol: Modbus-RTU

3. The machine is provided with D-sub9 female connector, and the customer must prepare the D-sub9 male connector;

4. Interface 1 and interface 2 are connected in parallel internally, with the same function, regardless of primary and secondary;

机型版本: Ver.B

制图

版号

C

标题

SAL-830G

图号

SAL-830G-CE-230V-C-4

比例

第 4 张

设计

核

准

通讯接线图

标准

CE

共 5 张

校对

日期

20221110

SHINI

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

机器电压

3 ϕ 230V

机器频率

50Hz

标记

更改前

更改后

更改人

日期

审核

日期

20221110

1

2

3

4

5

6

7

8

1		2		3		4		5		6		7		8									
NO.		Symbol		Name		Manufacturer		Type		Specification		Number		Material number		Remark							
A	1	X11		Industrial socket		QX		QX-813 4P/16A(公)		4P/16A		1		YE620813000000									
	2	Q1		Circuit-breakers		TECO		BM-63C/3020S		20A 3P		1		YE403020030000									
	3	Q2		Circuit-breakers		TECO		BM-63C/1003S		3A 1P		1		YE401002030000									
	4	K1		Contactors		SCHNEIDER		LC1-D09B7C		24 VAC		1		YE009724000000									
	5	A1		Controller		YUYUN		CS-23(with comm.)		24 VAC/DC		1		YE802324022000									
	6	S1		RS-485 comm. interface		YUYUN		---		Dsub-9pin connector		1		YE900485012000									
	7			Shell RS-485 (SAL-700G-A-19) ver.0		BINCHENG		---		---		1		YR400485000000									
B	8	H1		Buzzer		---		PK-35A		24 VAC/DC		1		YE840035006000									
	9	T		Transformer		JIUXIN		IN=230/230V OUT=24V		50VA		1		YE700230051000									
	10			Terminal fittings E/GK series (honeywell)		HONEYWELL		---		PCS		4		YE600000039000									
	11	X1		Wiring terminal		HONEYWELL		SK2.5		2.5mm ²		6		YE600025032000									
	12			Wiring terminal		HONEYWELL		GK2.5PE		2.5PE		3		YE600025034000									
	13	X2		Heavy-duty connectors		HARTING		Han E-4F(female)		4P		1		YE680004014000									
	14	Y1 Y2 Y3 Y4		Solenoid Vavle		AIRTAC		---		24 VAC		4		---		(1)							
C	15	M		Motor		SHINI		185KW(with thermal protector)		230V 50Hz		1		---		(1)							
	16	M1		Thermal protector		---		---		----		1		---		(1) in blower							
D	机型版本: Ver.C		Note: (1) Materials not mounted in the control box;																				
						制图		版号	C	标题		SAL-830G		图号		SAL-830G-CE-230V-C-5		比例		第 5 张			
						设计		核		电气元件明细表一						标准	CE	共 5 张					
						校对		准		 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.										机器电压		3ø230V	
	标记	更改前	更改后	更改人	日期	审核		日期	20221110											机器频率		50Hz	
1		2		3		4		5		6		7		8									