
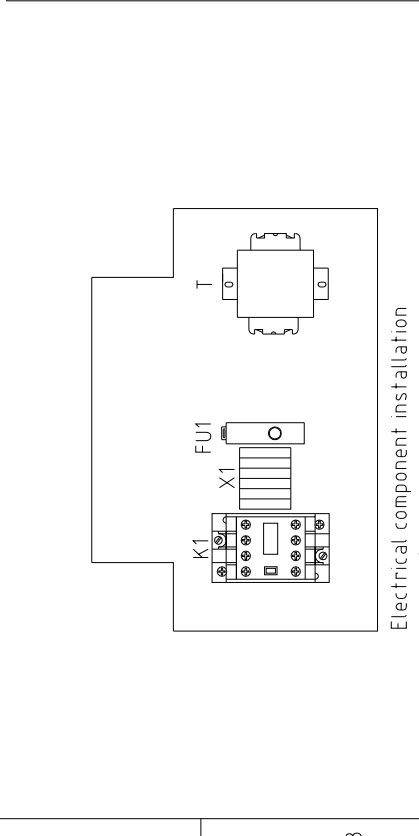
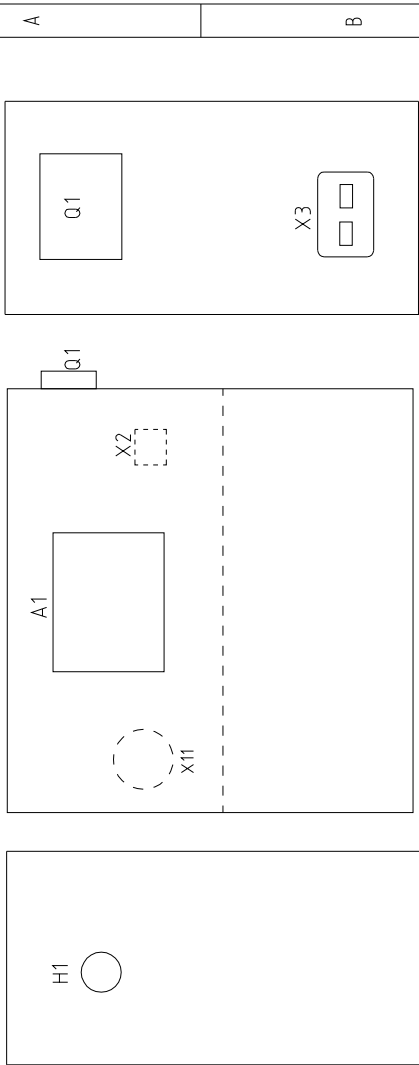


版本 Ver.A

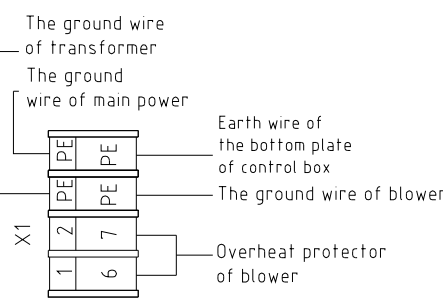
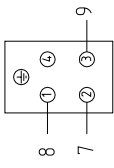
SAL-810G | SAL-820G | SAL-830G  
 P=0.75KW | P=1.5KW | P=1.85KW  
 IN=2.3A | IN=3.5A | IN=4.0A

D	Title	SAL-810G/820G/830G		SAL-810G/820G/830G		SAL-810G/820G/830G		SAL-810G/820G/830G		SAL-810G/820G/830G			
		Main Circuit Diagram		Main Circuit Diagram		Main Circuit Diagram		Main Circuit Diagram		Main Circuit Diagram			
Mark	Before modification	Modified by	Modify date	Checked by	Date	Approved by	Version	A		Title			
	After modification		20171121		20171121					SAL-810G/820G/830G			
Scale	Standard		CE		Voltage		Frequency		Page 1		Page 1		
					400V		50HZ		Totally 3		Pages		
 <p>信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.</p>										Voltage		400V	
										Frequency		50HZ	
										Standard		CE	
										Totally		3	
										Page		1	

1 2 3 4 5 6 7 8



X2(Heavy load joint for connecting hopper and the main machine)



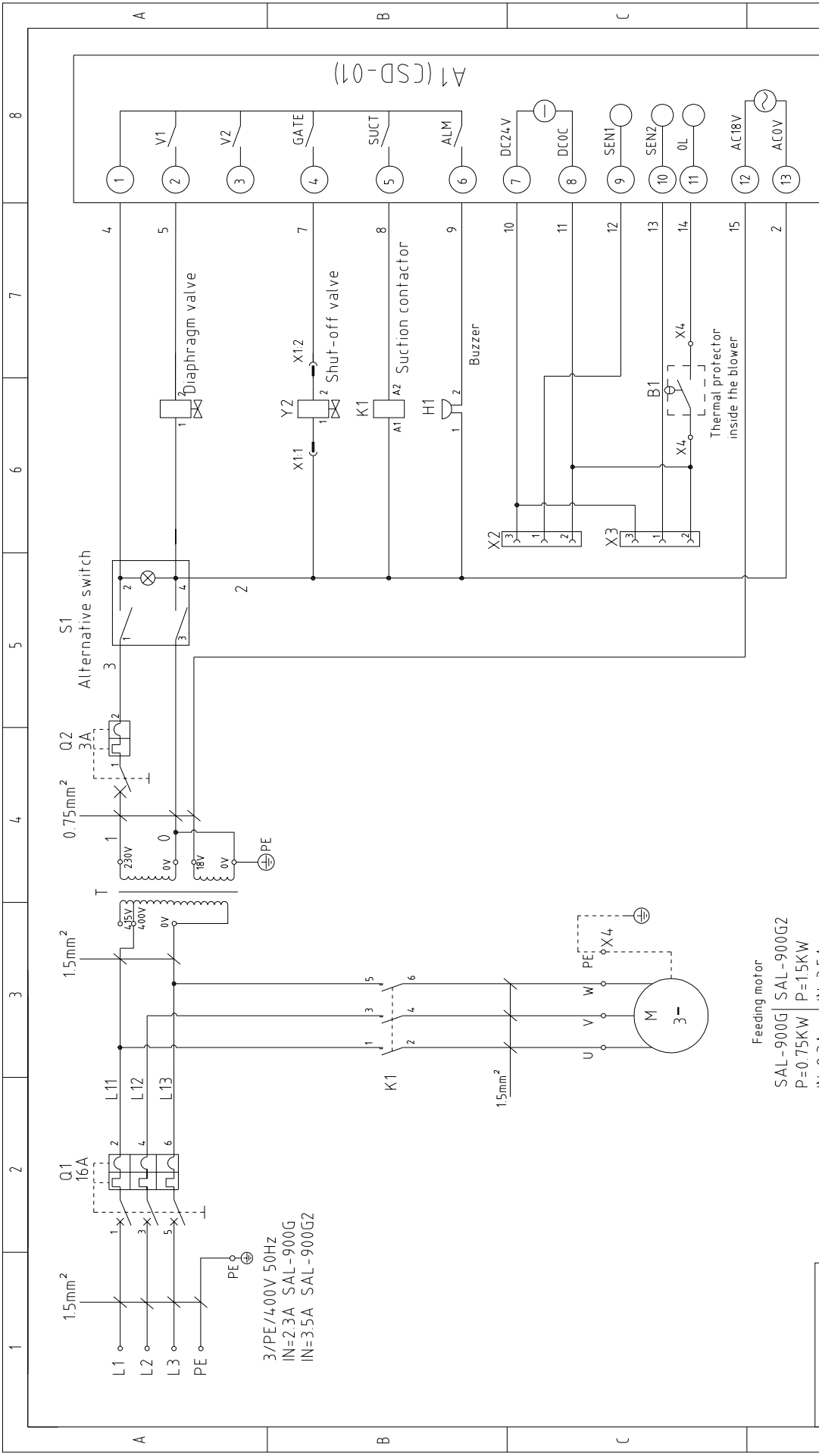
Subscript	Function	Description
1	Material level signal (SENS)	Connect to material level sensor
2	GND	----
3	24 V +	----
4	----	----

**版本** Ver.A **Note:** The main power cable of machine connects the circuit via industrial plug, which doesn't pass the terminal board;

Mark	Before modification	Modified by	Date	Version	Title	Scale	Page
	After modification	Modify date	20171121				Approved by
						CE	
						Voltage	
						Frequency	
						400V	
						50HZ	
						Totally	
						3	
						Page	
						2	
						Drawing NO	
						SAL-810G/820G/830G	
						-CE-400V-0-2	
						SHINI	
						信易电热机械股份有限公司	
						Shini Plastics Technologies, Inc.	
						9	

1	2		3	4	5	6	7	8
NO	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark
1	X10	Plug	QX	QX-514 4P/16A(Female)	4P/16A	1	YE62051400000	(1)
2	X11	Plug	QX	QX-813 4P/16A(Male)	4P/16A	1	YE62081300000	
3	Q1	Circuit breakers	TECO	BM-63C/3016S	16A	1	YE40301603000	
4	K1	AC contactors	SIEMENS	3RT16018-1AB01	AC24V	1	YE00601802500	
5	FU1	Fuse base FS-101/6x30/ with ZA core(transparent)	---	FS-101	250V 2A	1	YE41001000000	
6	T	Transformer	BAIYUN	IN=400V OUT=24V	80VA	1	YE700400005900	
7	H1	Buzzer	---	PK-35A	24VAC/DC	1	YE84003500600	
8	A1	Circuit board	YUYUN	CS-22	24VAC/DC	1	YE80222400600	
9	X1	Terminal board	Honeywell	SK2 5	---	2	YE6002503200	
10		Terminal board	Honeywell	GK2.5PE	---	2	YE60002503400	
12	X2	Heavy duty connector	SIBAS	HDC-HA-004.1(Female)	4P	1	YE68041000100	
13	X3	RS485 Communication interface board	YUYUN	---	---	1	YE90048501200	
14		Shell RS485(SAL-700G-A-1910)	---	---	PCS	1	YR40048500000	
15	M	Motor	SHINI	0.75KW	400V 50Hz	1	---	(1) SAL-810G
16	M	Motor	SHINI	15KW	400V 50Hz	1	---	(1) SAL-820G
17	M	Motor	SHINI	185KW	400V 50Hz	1	---	(1) SAL-830G
18	B1	Overheat protector	---	---	----	1	---	(1)
C								
D								
版本 Ver.A			Notes: (1)Means it's not the material inside the control box					
			Title	SAL-810G/820G/830G	Drawing NO	SAL-810G/820G/830G	Scale	Page 3
			Version	A	Electrical Components List	-CE-400V-0-3	Standard	CE
			Designer	Approved by	SHINI	Voltage	400V	Totally 3
			Proofread by	Date	20171121	Frequency	50HZ	Pages
Mark			Before modification	Modified by	Modify date	3	4	8
			After modification	2	3	4	6	7



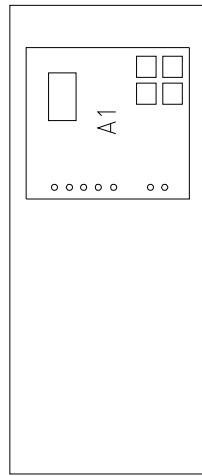


版本	Ver.C
Mark	Before modification
After modification	
Modified by	
Modify date	
Checked by	
Proofread by	
Designer	
Drawer	

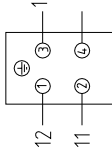
Version	C
Approved by	
Date	20180824
Version	
Approved by	
Date	

Title		SAL-900G/900G2	
Drawing NO		SAL-900G/900G2-CE	
Standard		CE	
Scale		Voltage	
Standard		Frequency	
Page		400V	
Total		50HZ	
Pages		8	

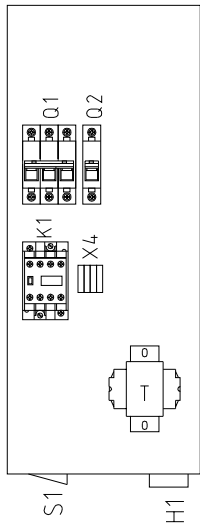




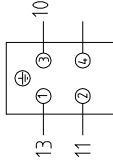
X2(Heavy load joint for connecting vacuum hopper receiver and the main machine)



Subscript	Function	Description
1	Material level signal (SENS)	Connect to material level sensor
2	GND	
3	24V+	
4	----	----

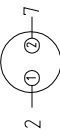


X3(Heavy load joint for connecting photosensor hopper receiver and the main machine )

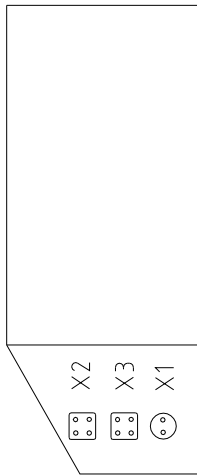


Subscript	Function	Description
1	Material level signal (SENS)	Connect to material level sensor
2	GND	
3	24V+	
4	----	----

X1(Connect to shut-off valve )



Subscript	Function	Description
1	GND	Connect to
2	24V+	shut off valve



Connect the ground wire of X2 heavy-duty connector  
 Connect to the ground wire of transformer  
 Connect the ground wire of motor  
 X4  
 PE  
 PE  
 PE  
 11  
 14  
 Connect the ground wire of X3 heavy-duty connector  
 Connect to electrical component installation plate  
 Connect to ground wire of main power  
 Connect to motor internal overheat protector

Technical requirements: (1) Main power inlet directly connects to breaker interlock without passing by terminal board. (2) Motor cable is directly connected to the contactor without connecting the terminal board

版本 Ver.C

Mark	Before modification	After modification	Modified by	Modify date	Checked by	Proofread by	Designer	Drawer	Version	C	Title	Drawing NO		Page
												SAL-900G/900G2	SAL-900G/900G2-CE	
											Electrical Components Layout	-400V-C-2	Scale	2
													Standard	Totally 3
													Voltage	400V
													Frequency	50HZ



1	2	3	4	5	6	7	8	
NO	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark
1	Q1	Circuit breakers	TECO	BM-63C/3016S	16A	1	YE40301603000	
2	Q2	Circuit breakers	TECO	BM-63C/1003S	3A	1	YE40100203000	
3	K1	AC Contactors	SCHNEIDER	LC1-D09M7C	230V 50/60HZ	1	YE00109700100	A
4	T	Transformer	JIUXIN	IN=400V/415V OUT=230V/18V	500mA	1	YE7004.0006000	
5	A1	Circuit board	YUYUN	CSD-01	18VAC 50/60HZ	1	YE80101100000	
6	S1	Alternative switch	REAB	R210-C5LBW	4P (WH)	1	YE102104.00000	
7	Y1	Solenoid valve	----	----	230V 50/60HZ	1	----	(1)
8	Y2	Solenoid valve	----	----	230V 50/60HZ	1	----	(1)
9	H1	Buzzer	SHINI	PF-35A	220V AC/DC	1	YE84003500000	
10	X1	Metal connector	APEX	PLT-252-R	250V 10A 2P	1	YE68025200300	(1)
11	X2 X3	Heavy duty connector	HARTING	Han E-4F(母)	4P	2	YE680004.01400	(1)
12	X4	Terminal block	HONEYWELL	2.5mm <sup>2</sup>	PCS	2	YE6125004.0000	
13		Terminal block	HONEYWELL	GK2.5PE	2.5PE	3	YE600025034.00	
14		Terminal fittings E/GKseries	HONEYWELL	----	PCS	2	YE60000003900	
15	M1	Motor	----	0.75KW(Overheat protector provided)	400V 50HZ	1	----	(1)SAL-900G
16		Motor	----	1.5KW(Overheat protector provided)	400V 50HZ	1	----	(1)SAL-900G2
17	B1	Overheat protector	----	----	----	1	----	
C								
D								
版本 Ver.C			Title SAL-900G/900G2			Drawing NO SAL-900G/900G2-CE		
			C			Electrical Components List		
			Version			Scale		
			Approved by			Standard CE		
			Date 20180824			Voltage 400V		
			Modified by			Frequency 50HZ		
			Modify date			Totally 3 Pages		
			3			6		
			4			7		
			8			8		

Note: (1) Means not part of control box.

