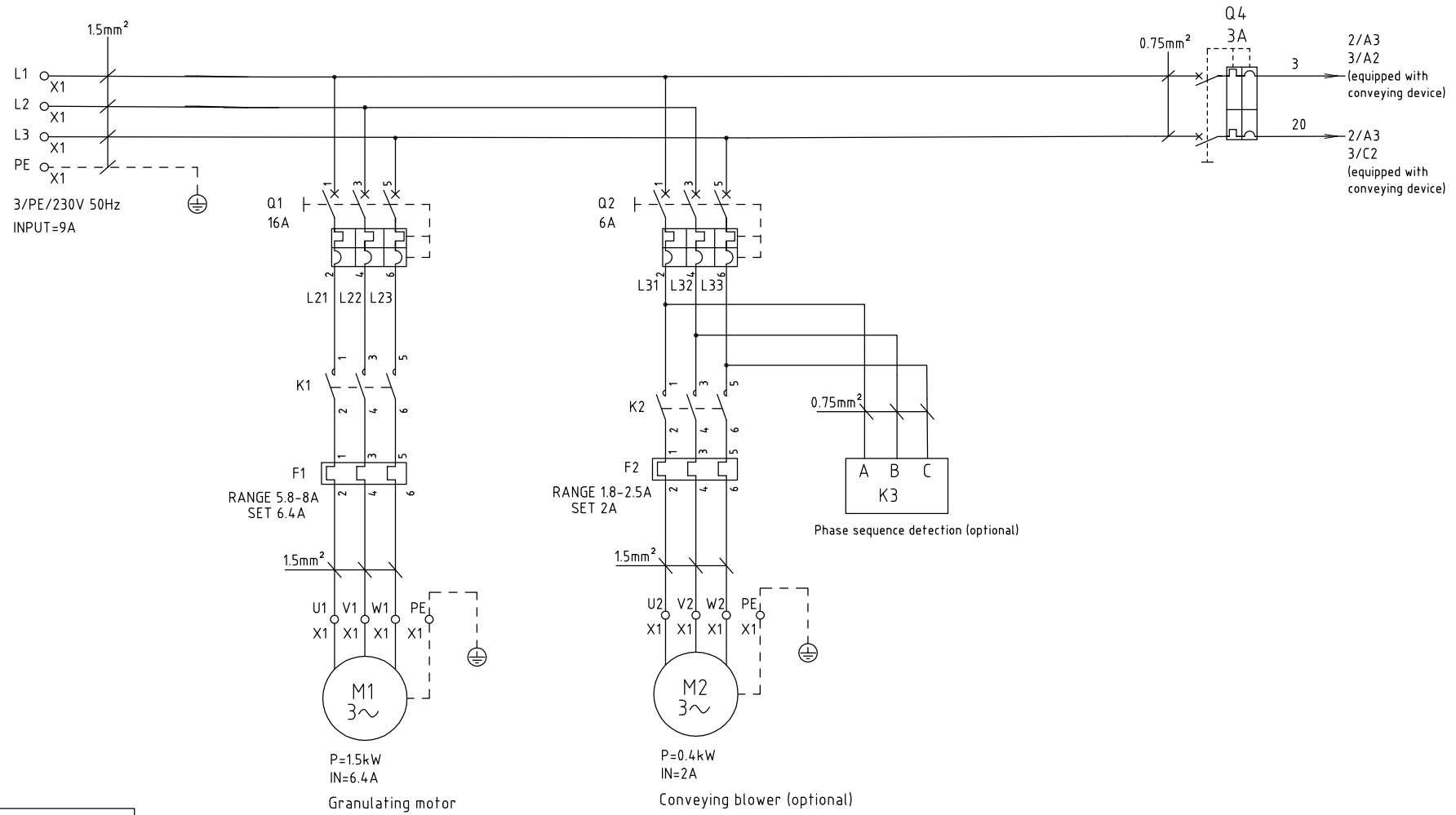

机型版本：Ver.A

Mark	Before modification	After modification	Modified by	Modify date	Drawer		Version	A
					Designer		Approved by	
					Proofread by			
					Checked by		Date	20200430

Title: SG-1830EB
Main Circuit Diagram

Drawing NO.: SG-1830EB-GB-230V-A-1

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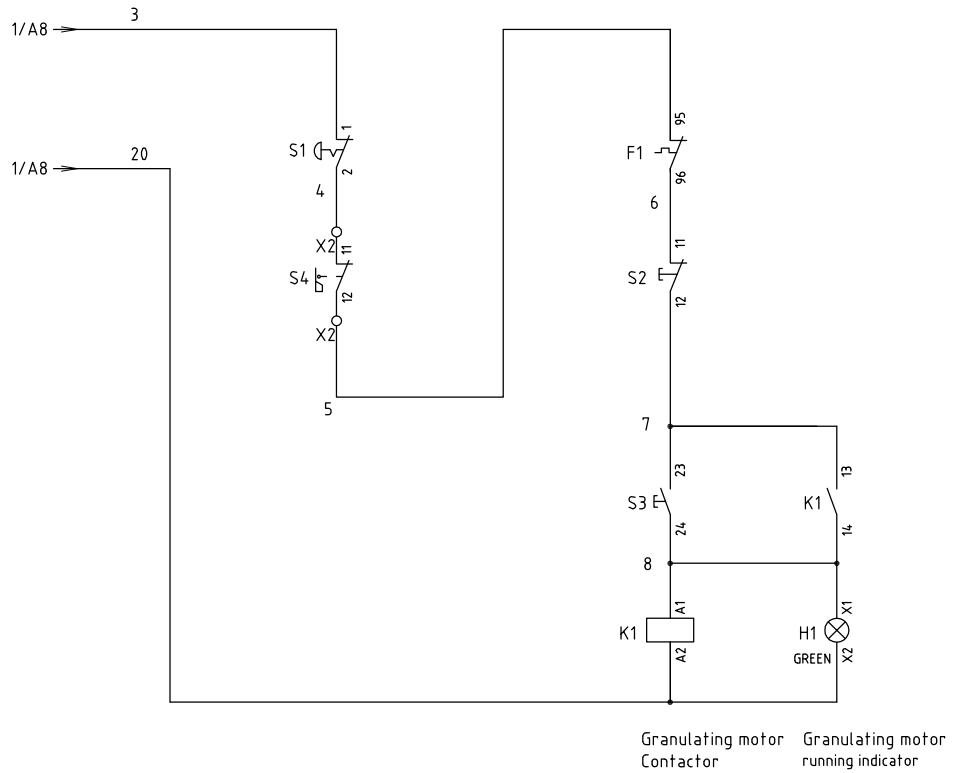
Shini Plastics Technologies, Inc.

Scale		Page	1
Standard	GB	Totally	5 Pages
Voltage		3φ230V	
Frequency		50Hz	



机型版本：Ver.A

Note: The control circuit is for the application when optional Blower feeding hasn't been selected.

Mark	Before modification	After modification	Modified by	Modify date	Drawer		Version	A
					Designer		Approved by	
					Proofread by			
					Checked by		Date	20200430

Title: SG-1830EB
Control Circuit Diagram 1

Drawing NO.: SG-1830EB-GB-230V-A-2

Scale: /

Standard: GB

Page 2

Totally 5 Pages

Voltage: 3φ230V

Frequency: 50Hz

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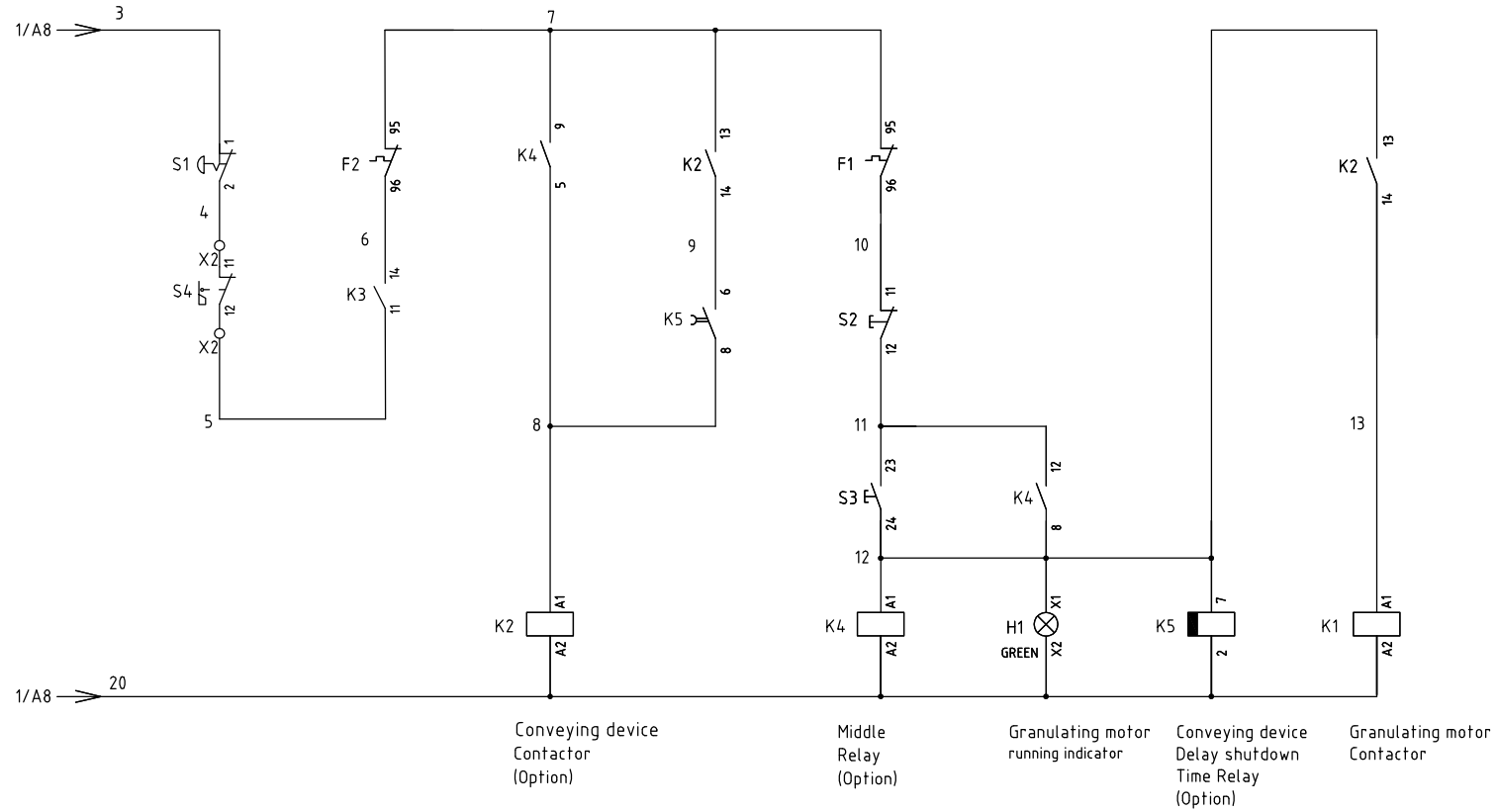

机型版本：Ver.A

Note: The control circuit is for the application when optional Blower feeding have been selected.

Mark	Before modification	After modification	Modified by	Modify date

Drawer		Version	A	Title	SG-1830EB Control Circuit Diagram 2
Designer		Approved by		Drawing NO.	SG-1830EB-GB-230V-A-3
Proofread by					
Checked by		Date	20200430		

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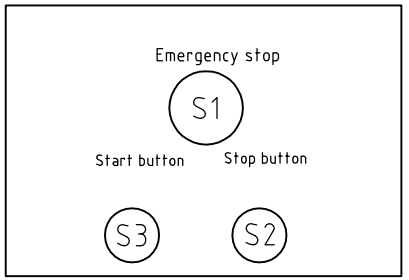
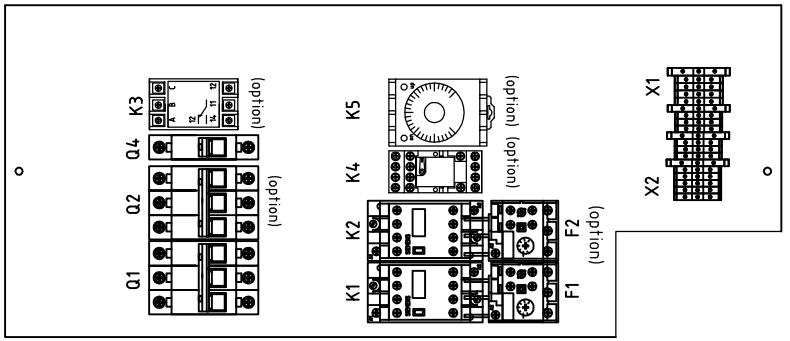
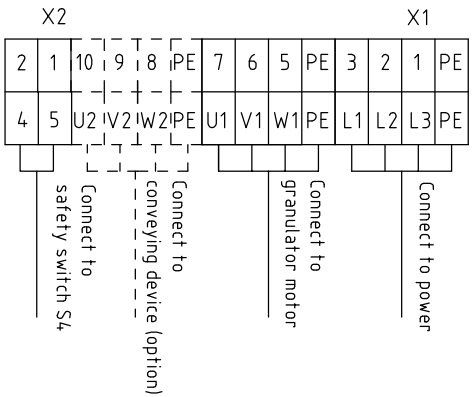
Shini Plastics Technologies, Inc.

Scale		Page	3
Standard	GB	Totally	5 Pages
Voltage			3φ230V
Frequency			50Hz







机型版本：Ver.A

					Drawer		Version	A	Title: SG-1830EB Electrical Components Layout	Drawing NO.: SG-1830EB-GB-230V-A-4	Scale		Page 4
					Designer		Approved by				Standard	GB	Totally 5 Pages
					Proofread by				SHINI 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Voltage		3φ230V
Mark	Before modification	After modification	Modified by	Modify date	Checked by		Date	20200430			Frequency		50Hz

NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark
1	Q1	Circuit-breaker	TECO	BM-63C/3016S	16A	1	YE40301603000	
2	Q2	Circuit-breaker	TECO	BM-63C/3006S	6A	1	YE40300603000	(2)
3	Q4	Circuit-breaker	TECO	BM-63C/2003S 2P	3A	1	YE40200203000	
4	K1	Contactor	SIEMENS	3RT6017-1AN21	220VAC 50/60Hz	1	YE00601721000	
5	K2	Contactor	SIEMENS	3RT6015-1AN21	220VAC 50/60Hz	1	YE00601521000	(2)
6		Auxiliary contact terminal	SIEMENS	3RH6911-1AA10	1NO	1	YE00691110000	(2)
7	K4	Middle relay	HONEYWELL	GR-4C+PGR-4C-E	AC220V	1	YE03423000300	(2)
8	K5	Time relay	YUYUN	TRF-N/3M	AC220V	1	YE86322000000	(2)
9	F1	Overload relay	SIEMENS	3RU6116-1HB0	5.5-8A	1	YE01160550000	
10	F2	Overload relay	SIEMENS	3RU6116-1CB0	1.8-2.5A	1	YE01160180000	(2)
11	K3	Phase disorder protector	CHAOSHI	ABJ1-10-230	230VAC 50/60Hz	1	YE03102200000	(2)
12	X1	Terminal board	HONEYWELL	SK2.5	2.5mm^2	7	YE60002503200	
13		Grounding terminal block	HONEYWELL	GK2.5PE	2.5mm^{2}PE	2	YE60002503400	
14		Terminal board	HONEYWELL	SK2.5	2.5mm^2	3	YE60002503200	(2)
15		Grounding terminal block	HONEYWELL	GK2.5PE	2.5mm^{2}PE	1	YE60002503400	(2)
16	X2	Terminal board	HONEYWELL	SK2.5	2.5mm^2	2	YE60002503200	
17	S1	Emergency stop button	ABB	MPET4-10R+MCBH-00	1NC	1	YE11411000000	(1)
18	S2	Stop button switch	ABB	CP1-10B-01	1NC	1	YE11113100000	(1)
19	S3,H1	Start button switch	ABB	CP1-13G-10	1NO	1	YE11100100000	(1)
20	S4	Safety switch	SCHMERSRC	AZ15-ZVRK-1476	AZ-15	1	YE16147600100	(1)
21	M2	Conveying blower	---	0.4kW	400V 50/60Hz	1	---------	(1)(2)
22	M1	Granulating Motor	---	1.5kW	400V 50/60Hz	1	---------	(1)
23								
24								
25								

机型版本：Ver.A

Notes: (1)Means it's not the material inside the control box. (2) Means accessories for material conveying blower.

Mark	Before modification	After modification	Modified by	Modify date

Drawer		Version	A
Designer		Approved by	
Proofread by			
Checked by		Date	20200430

Title: SG-1830EB
Electrical Components List

Drawing NO.: SG-1830EB-GB-230V-A-5

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Scale		Page	5
Standard	GB	Totally	5 Pages
Voltage		3φ230V	
Frequency		50Hz	