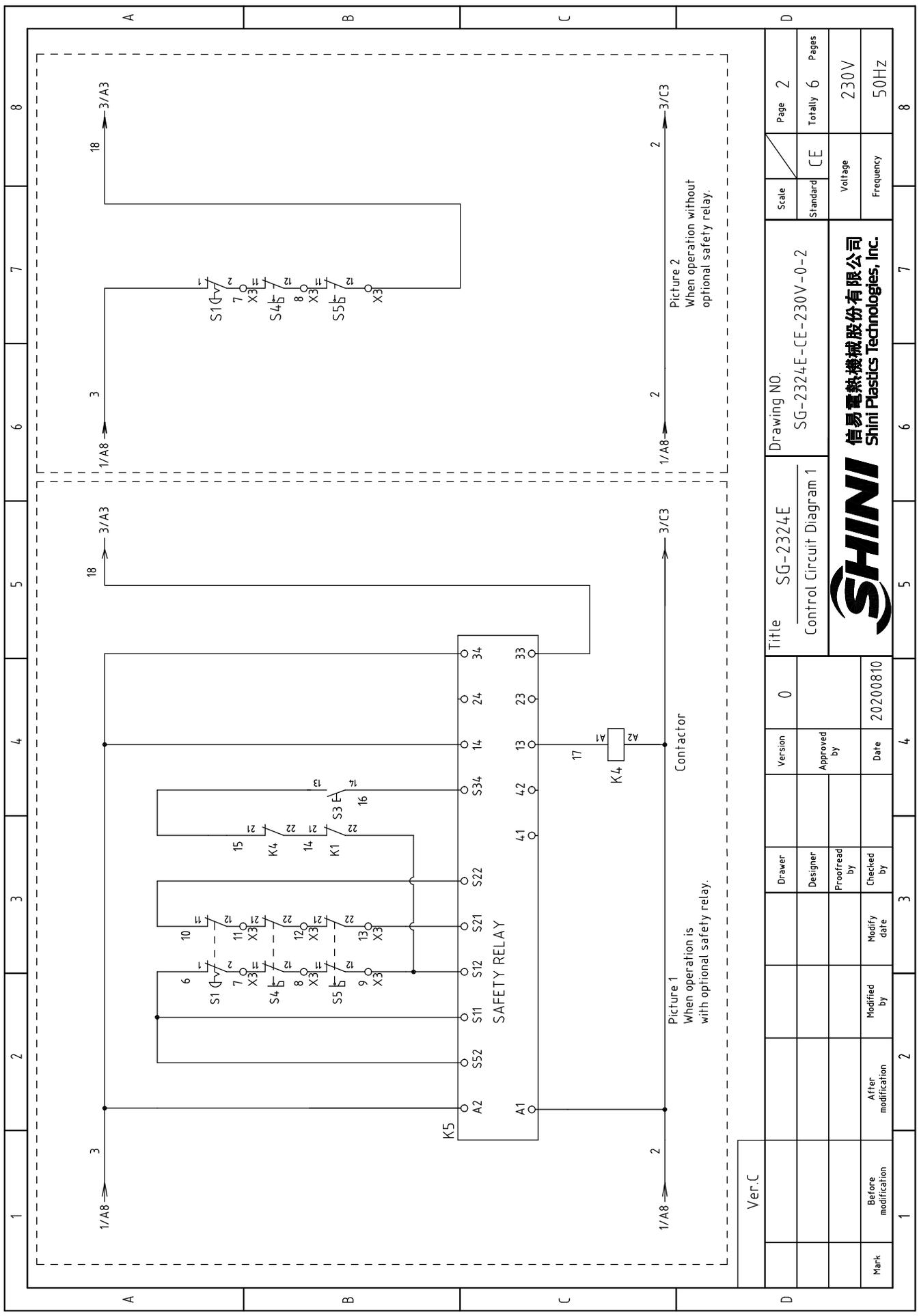


P=5.5 kW  
 IN=17.8 A  
 Granulating motor

Ver.C	Title		Drawing NO.		Scale		Page		
	SG-2324E		SG-2324E-CE-230V-0-1		CE		1		
Main Circuit Diagram		Version		Standard		Totally		Pages	
		0		CE		6		6	
Mark		Date		Voltage		Frequency			
Before modification		20200810		230V		50HZ			
After modification									
Modified by									
Proofread by									
Designer		Approved by							
Drawer									





Ver.C	0	Designer	Proofread by	Checked by	Modify date	Date	20200810	Version	0	Title	Drawing NO.		Page 2	
											SG-2324E			Standard
Control Circuit Diagram 1											CE	230V	50HZ	
 <b>信易電熱機械股份有限公司</b> <b>Shini Plastics Technologies, Inc.</b>											Voltage		Frequency	
Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date	20200810	Version	0	Title	SG-2324E	Drawing NO.	Page 2	
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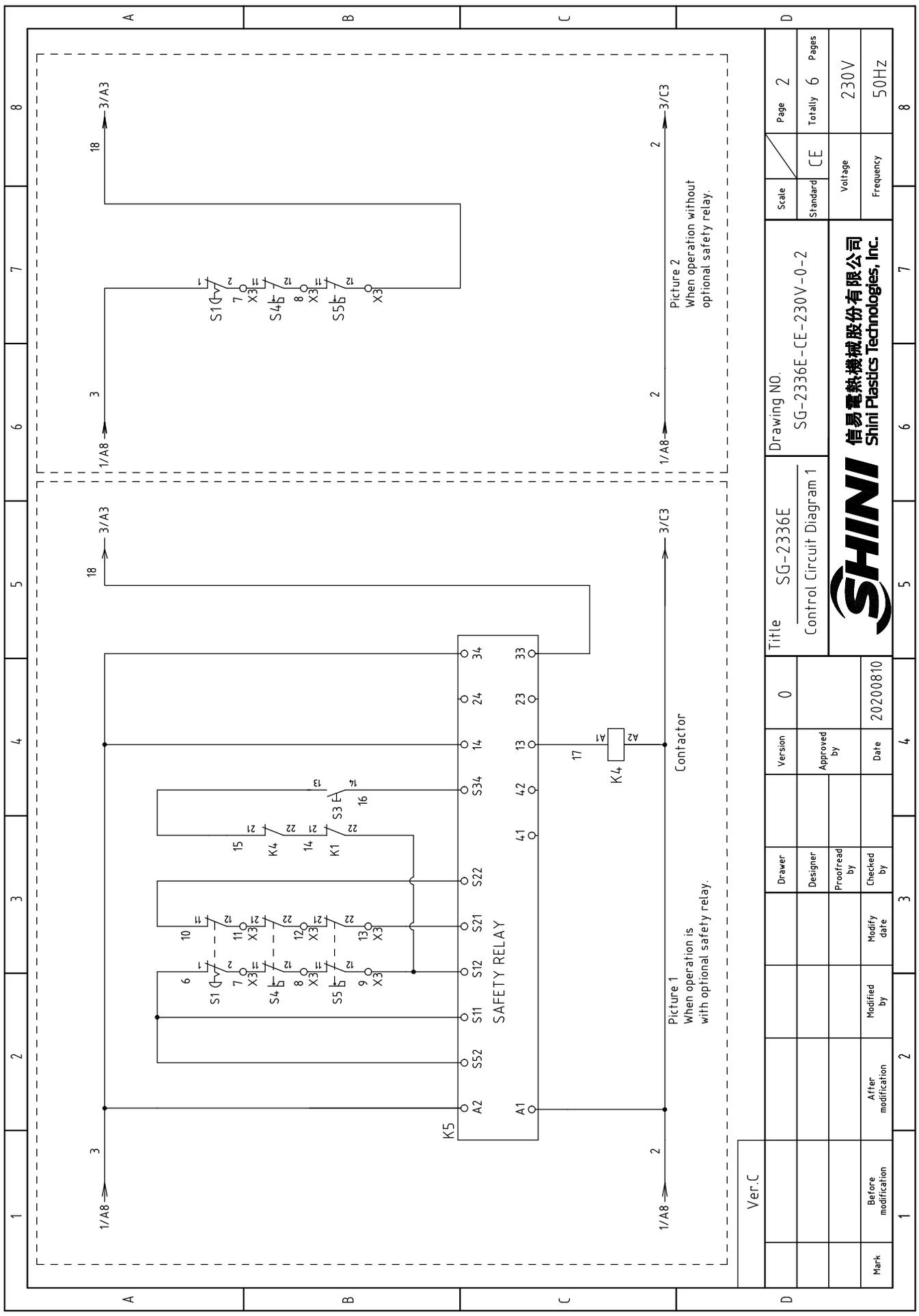


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NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark
1	Q1	Circuit breaker	TECO	BM-63C/3P	40A	1	YE40304003000	
2	Q2	Circuit breaker	TECO	BM-63C	3A	1	YE40200203000	
3	Q3	Circuit breaker	TECO	BM-63C	6A	1	YE40100600100	
4	K1	Contact	SIEMENS	3RT6026-1AC20	24VAC	1	YE00602602600	
5	K4	Contact	SIEMENS	3RT6026-1AC20	24VAC	1	YE00602602600	(3)
6	K5	Safety realy	PILZ	PN0Z*2.8P	24V AC/DC	1	YE04023000000	(3)
7	F1	Overload relay	SIEMENS	3RU6126-4CB0	17-22A	1	YE01260170000	
8	T	Transformer	-----	IN=230V//OUT= 24V	120VA	1	YE76023005500	Delete
9	T	Sensor thrastransformer	-----	IN=230/200V OUT=24VAC	80VA	1	YE70023005200	New
10	X1	Terminal board	Honeywell	4.0mm <sup>2</sup>	-----	6	YE60000403200	
11			Honeywell	4.0mm <sup>2</sup> PE	-----	2	YE60000403500	
12	X2	Terminal board	Honeywell	2.5mm <sup>2</sup>	-----	4	YE60002503200	(3)
13			Honeywell	2.5mm <sup>2</sup>	-----	4	YE60002503200	(2)
14	X3	Terminal board	Honeywell	2.5mm <sup>2</sup>	-----	4	YE60002503200	(1)
15	S1	Emergency stop button	SCHNEIDER	XB2BS542C	400VAC	1	YE11254200000	(1)
16		Contact block	SCHNEIDER	ZB2BE102C	1NC	1	YE00210203100	(1)(3)
17	S2	Stop botton	SCHNEIDER	XB2BA22C	400VAC	1	YE11222000000	(1)
18	S3,H1	Start button (with light)	SCHNEIDER	XB2BW33B1C	24VAC	1	YE11233100000	(1)
19		Contact block	SCHNEIDER	ZB2BE101C	1NO	1	YE00210103100	(1)(3)
20	S4,S5	Safety switch	SCHMERSRC	AZ15-02ZVRK-1476	AZ-15	2	YE16147600100	(1)
21	S4,S5	Safety switch	SCHMERSRC	AZ16-02ZVRK-1476	AZ-16	2	YE16147600000	(1)(3)
22		Operation parts AZ17-B6	-----	-----	AZ-17	2	YE16176000000	(1)
23	H3	Buzzer	TEND	EA-2	24VAC	1	YE84240200000	(1)(2)
24	MS	Material level switch	SIPAI	SR-80	24VAC	1	YE15802400100	(1)(2)
25	X10	Metal connector	APEX	PLT-254-PM	4P	1	YE68025400000	(1)(2)
Ver.C Notes: (1)Means it's not the material inside the control box.(2)Means optional accessories of full-receive alarm device. (3)Stand for optional safety relay.								
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			Modify date				Frequency	
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					Electrical Components List 1		Page 5	
					Totaly		Page 5	
					230V		50HZ	

1	2		3	4	5	6	7	8
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark
26			APEX	PLT-254-RF	4P	1	YE680254,00100	(1)(2)
27	M1	Granulating motor	-----	5.5kW	230V 50Hz	1	-----	(1)
A								
B								
C								
D								
Ver.C Notes: (1)Means it's not the material inside the control box.(2)Means optional accessories of full-receive alarm device.(3)Stand for optional safety relay.								
			Version	0	Title		Scale	
			Designer		Drawing NO.		Page 6	
			Proofread by		SG-2324E		Standard	
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			Before modification				50Hz	
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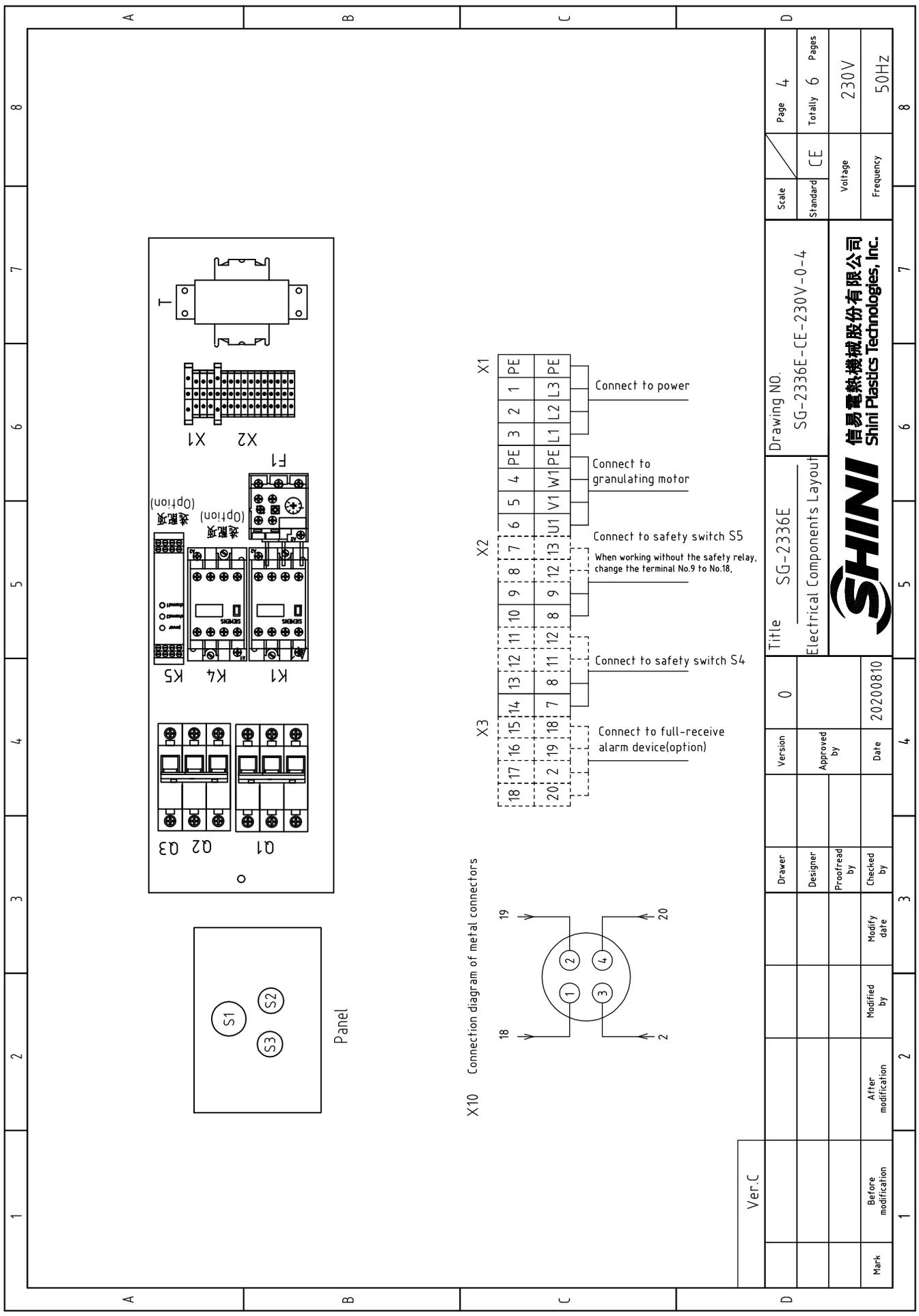




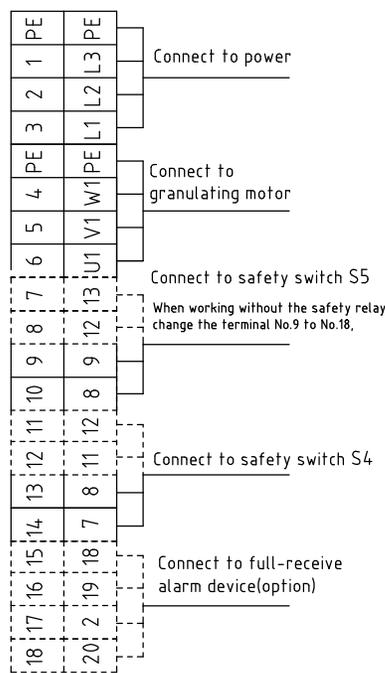


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Control Circuit Diagram 1		Control Circuit Diagram 1		Voltage 230V	
SHINI		信易電熱機械股份有限公司		Frequency 50HZ	
Shini Plastics Technologies, Inc.		SG-2336E-CE-230V-0-2		8	
Version		0		7	
Approved by		Date		4	
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X10 Connection diagram of metal connectors



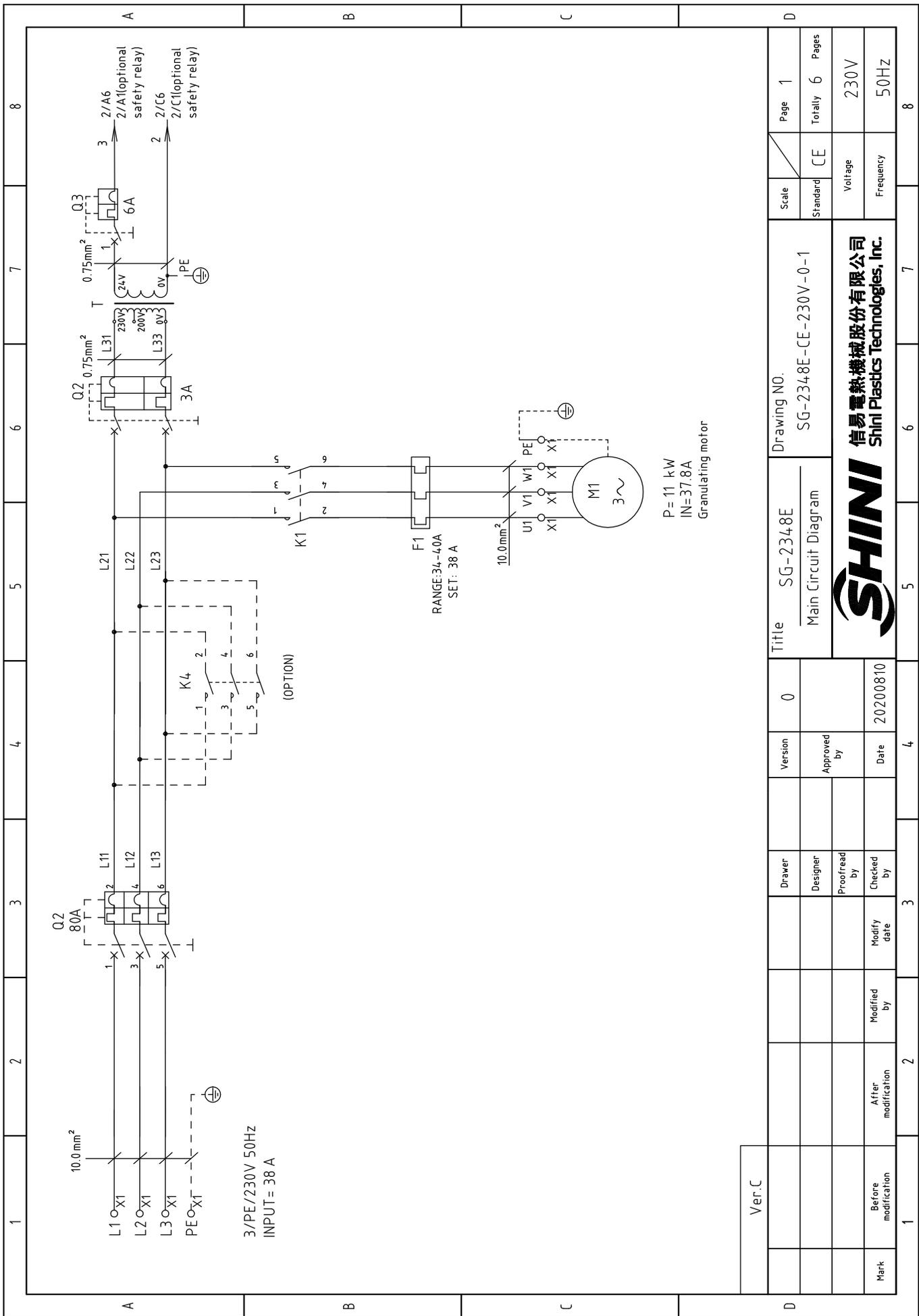
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																			Pages	
																				230V
																				50HZ



1	2		3	4	5	6	7	8
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark
1	Q1	Circuit breaker	TECO	BM-63C/3P	50A	1	YE40305003000	
2	Q2	Circuit breaker	TECO	BM-63C	3A	1	YE40200203000	
3	Q3	Circuit breaker	TECO	BM-63C	6A	1	YE40100500100	
4	K1	Contactor	SIEMENS	3RT6028-1AC20	24VAC	1	YE00602802600	
5	K4	Contactor	SIEMENS	3RT6028-1AC20	24VAC	1	YE00602802600	(3)
6	K5	Safety realy	PILZ	PN0Z×2.8P	24V AC/DC	1	YE04023000000	(3)
7	F1	Overload relay	SIEMENS	3RU6126-4NB0	23-28A	1	YE01612620000	
8	T	Transformer	BAIYUN	IN=230V/OUT=24V	120VA	1	YE76023005500	Delete
9	T	Sensor transformer	----	IN=230/200V OUT=24VAC	80VA	1	YE70023005200	New
10	X1	Terminal board	Honeywell	6.0mm <sup>2</sup>	----	6	YE60000603200	
11			Honeywell	6.0mm <sup>2</sup> PE	----	2	YE60000603500	
12	X2	Terminal board	Honeywell	2.5mm <sup>2</sup>	----	4	YE60002503200	(3)
13			Honeywell	2.5mm <sup>2</sup>	----	4	YE60002503200	
14	X3	Terminal board	Honeywell	2.5mm <sup>2</sup>	----	4	YE60002503200	(2)
15	S1	Emergency stop button	SCHNEIDER	XB2BS542C	400VAC	1	YE11254200000	(1)
16		Contact block	SCHNEIDER	ZB2BE102C	1NC	1	YE00210203100	(1)(3)
17	S2	Stop botton	SCHNEIDER	XB2BA22C	400VAC	1	YE11222000000	(1)
18	S3,H1	Start button (with light)	SCHNEIDER	XB2BW33B1C	24VAC	1	YE11233100000	(1)
19		Contact block	SCHNEIDER	ZB2BE101C	1NO	1	YE00210103100	(1)(3)
20	S4,S5	Safety switch	SCHMERSRC	AZ15-02ZVRK-1476	AZ-15	2	YE16147600100	(1)
21	S4,S5	Safety switch	SCHMERSRC	AZ16-02ZVRK-1476	AZ-16	2	YE16147600000	(1)(3)
22		Operation parts AZ17-B6	-----	-----	AZ-17	2	YE16176000000	(1)
23	H3	Buzzer	TEND	EA-2	24VAC	1	YE84240200000	(1)(2)
24	MS	Material level switch	SIPAI	SR-80	24VAC	1	YE15802400100	(1)(2)
25	X10	Metal connector	APEX	PLT-254-PM	4P	1	YE68025400000	(1)(2)
Ver.C Notes: (1)Means it's not the material inside the control box. (2)Means optional accessories of full-receive alarm device. (3)Stand for optional safety relay.								
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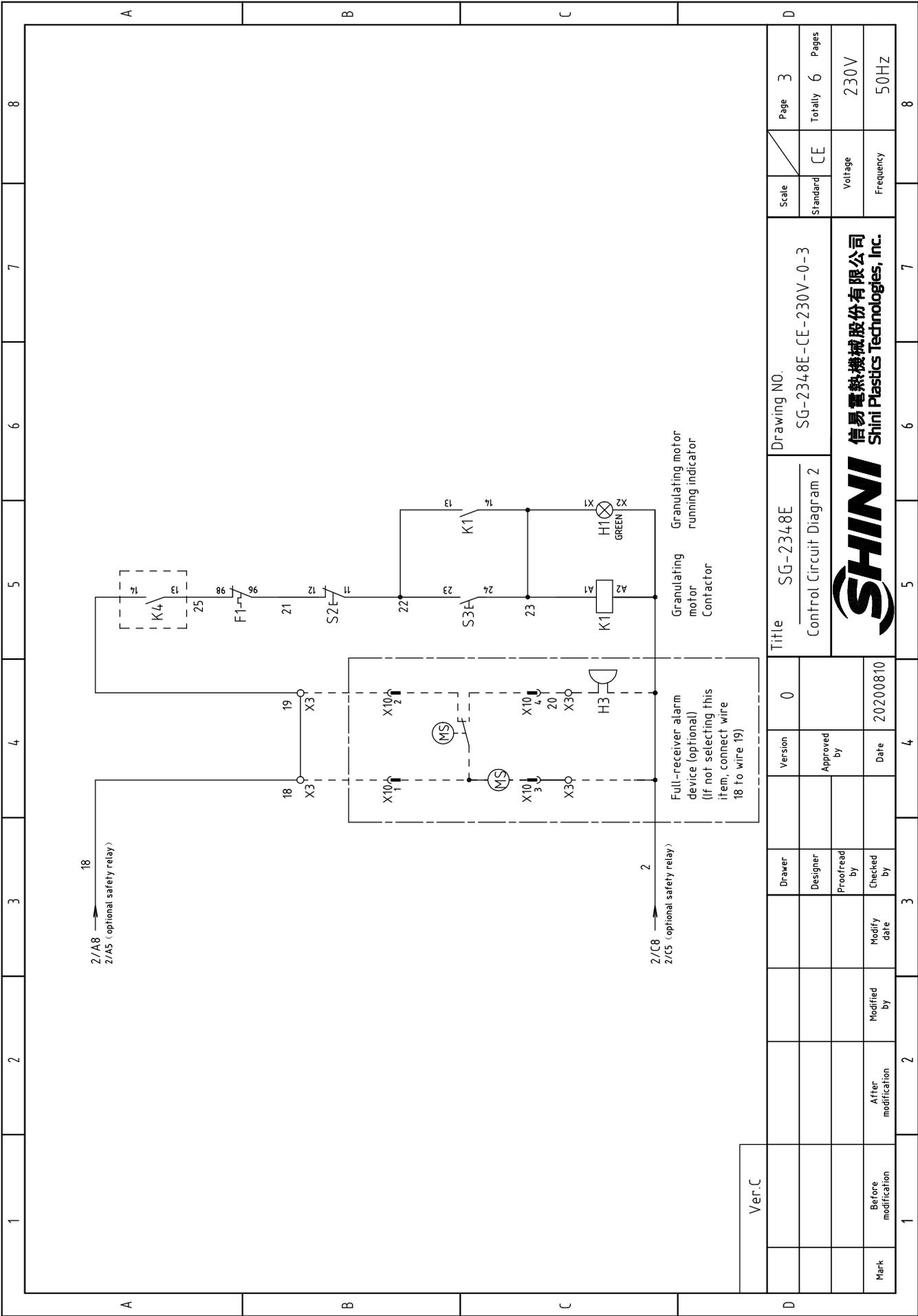
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NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark
26			APEX	PLT-254-RF	4P	1	YE680254-00100	(1)(2)
27	M1	Granulating motor	-----	7.5kW	230V 50Hz	1	-----	(1)
A								
B								
C								
D								
Ver.C Notes: (1)Means it's not the material inside the control box.(2)Means optional accessories of full-receive alarm device. (3)Stand for optional safety relay.								
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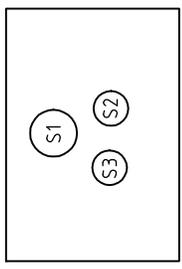
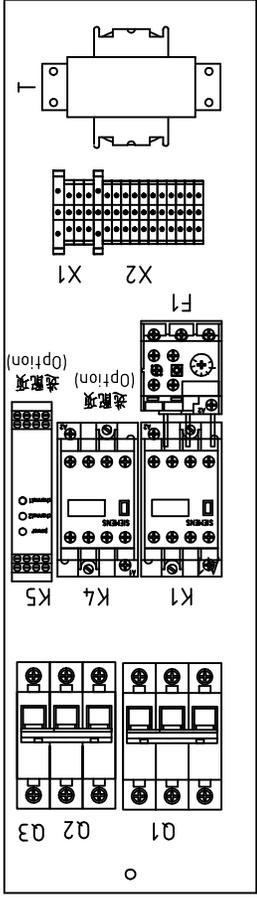


P = 11 kW  
 IN = 37.8A  
 Granulating motor

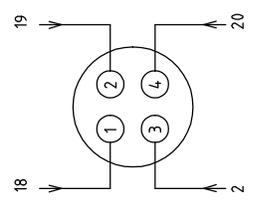
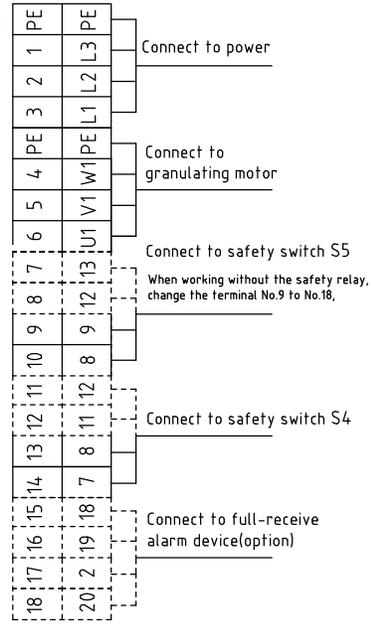
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Version		Date		SHINI	
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Approved by		Modified by		Shini Plastics Technologies, Inc.	
Proofread by		Modify date			
Checked by		After modification			
Mark		Before modification			







X10 Connection diagram of metal connectors



Ver.C	Drawing NO.	Scale	Page	4			
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						Electrical Components Layout	Frequency
Before modification	After modification	Modified by	Modify date	Checked by	Date		
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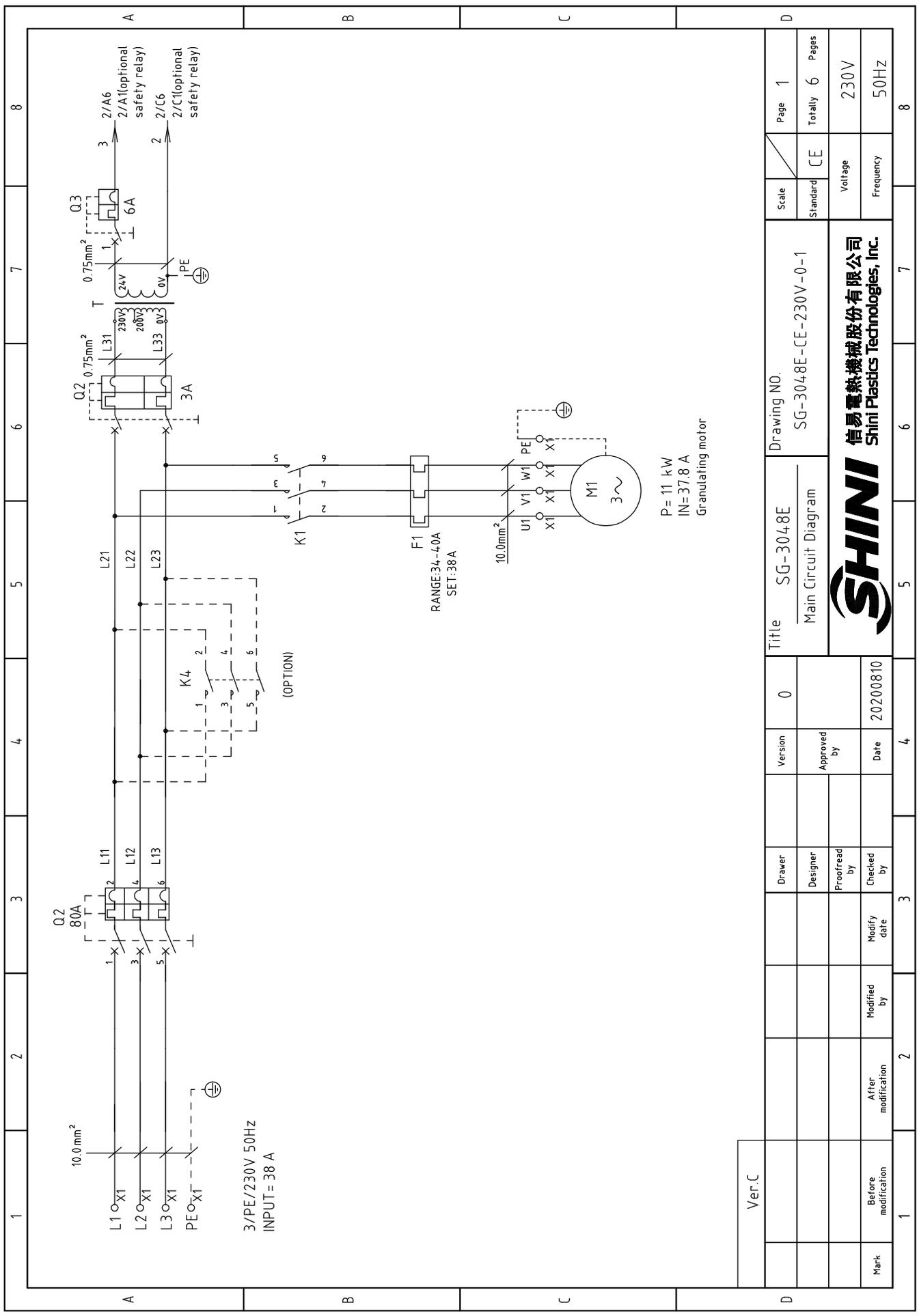


1	2		3	4	5	6	7	8
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark
1	Q1	Circuit breaker	TECO	BM-100D/3P	80A	1	YE40308003000	
2	Q2	Circuit breaker	TECO	BM-63C	3A	1	YE40200203000	
3	Q3	Circuit breaker	TECO	BM-63C	6A	1	YE40100600100	
4	K1	Contact	SIEMENS	3RT5036-1AC20	24VAC	1	YE00503602600	
5		Auxiliary Contactor	SIEMENS	3RH921-1EA11	1NO+1NC	1	YE00192101100	
6	K4	Contact	SIEMENS	3RT5036-1AC20	24VAC	1	YE00503602600	(3)
7		Auxiliary Contactor	SIEMENS	3RH5921-1CA01	1NC	1	YE00592110100	(3)
8		Auxiliary Contactor	SIEMENS	3RH5921-1CA10	1NO	1	YE00592110000	(3) New
9	K5	Safety relay	PILZ	PN0Z×2.8P	24V AC/DC	1	YE04023000000	(3)
10	F1	Overload relay	SIEMENS	3RU5136-4FB0	28-40A	1	YE01513600100	
11	T	Transformer	BAIYUN	IN=230V/OUT=24V	120VA	1	YE70023005500	Delete
12	T	Sensor transformer	----	IN=230/200V OUT=24VAC	180VA	1	YE70023005400	New
13	X1	Terminal board	Honeywell	10.0mm <sup>2</sup>	----	3	YE60001003200	
14			Honeywell	10.0mm <sup>2</sup> PE	----	1	YE60001003500	
15			Honeywell	6.0mm <sup>2</sup>	----	3	YE60000603200	
16			Honeywell	6.0mm <sup>2</sup> PE	----	1	YE60000603500	
17	X2	Terminal board	Honeywell	2.5mm <sup>2</sup>	----	4	YE60002503200	
18			Honeywell	2.5mm <sup>2</sup>	----	4	YE60002503200	(3)
19	X3	Terminal board	Honeywell	2.5mm <sup>2</sup>	----	4	YE60002503200	(2)
20	S1	Emergency stop button	SCHNEIDER	XB2BS542C	400VAC	1	YE11254200000	(1)
21		Contact block	SCHNEIDER	ZB2BE102C	1NC	1	YE00210203100	(1)(3)
22	S2	Stop button	SCHNEIDER	XB2BA22C	400VAC	1	YE11222000000	(1)
23	S3,H1	Start button(with light)	SCHNEIDER	XB2BW33B1C	24VAC	1	YE11233100000	(1)
24		Contact block	SCHNEIDER	ZB2BE101C	1NO	1	YE00210103100	(1)(3)
25	S4,S5	Safety switch	SCHMERSRC	AZ15-02ZVRK-1476	AZ-15	2	YE16147600100	(1)
Ver.C Notes: (1)Means it's not the material inside the control box.(2)Means optional accessories of full-receive alarm device.(3)Stand for optional safety relay.								
			Drawer	Version	Title	Drawing NO.		Scale
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			Checked by	Date			Voltage	Totally 6 Pages
			Modify date	20200810			Frequency	230V
Mark	Before modification	After modification					230V	
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信易電熱機械股份有限公司  
Shini Plastics Technologies, Inc.

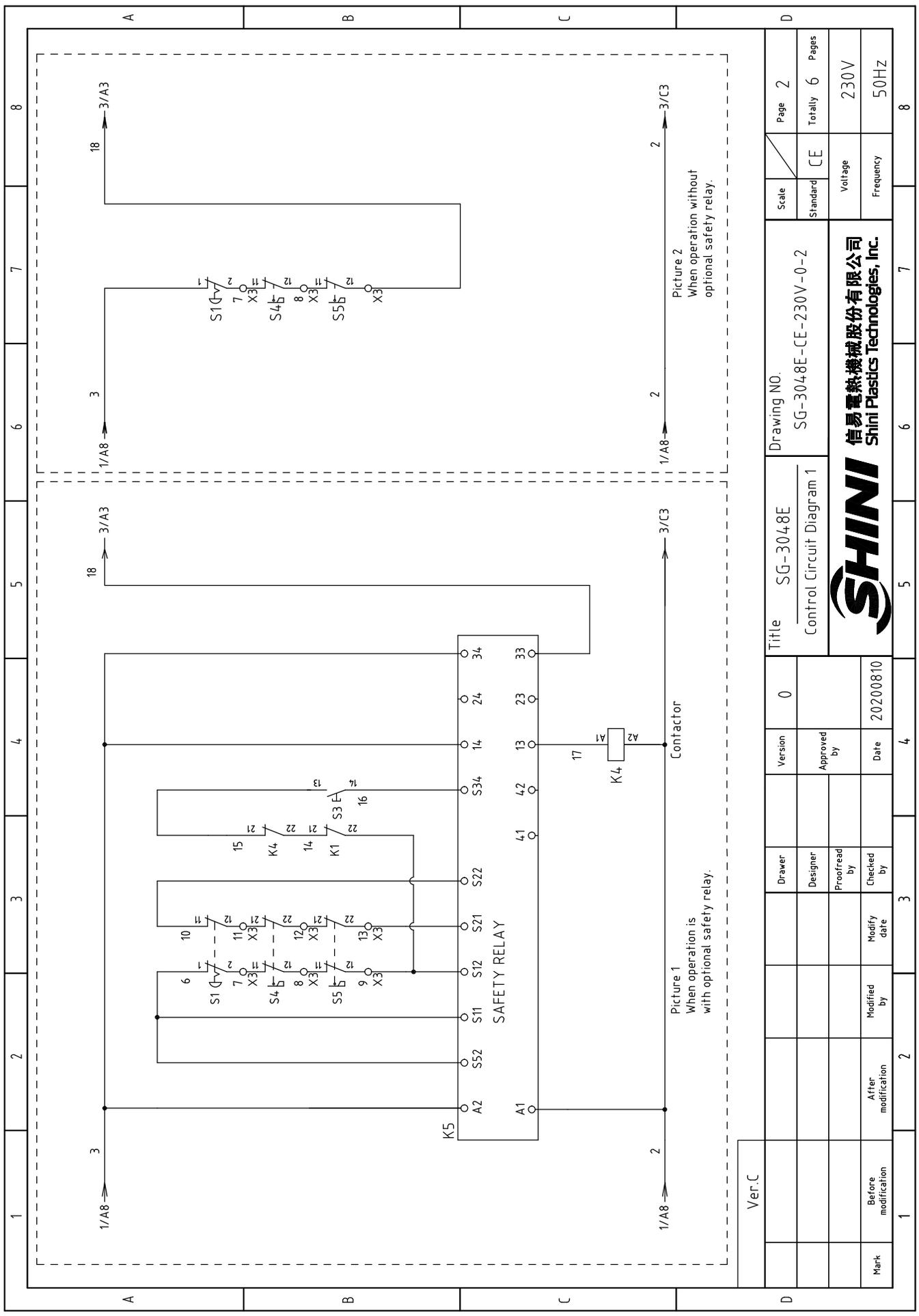




P = 11 kW  
 IN = 37.8 A  
 Granulating motor

Ver.C	Title		Drawing NO.		Page	
	SG-3048E	SG-3048E-CE-230V-0-1	CE	CE	Totally 6	Pages
Main Circuit Diagram		Voltage		Frequency		
		230V		50HZ		
Mark	Before modification	Modified by	Modify date	Checked by	Approved by	Date
1			20200810			4





Ver.C	0	Version	0	Title	Drawing NO.		Page 2		
					SG-3048E			Standard	CE
Mark	Before modification	Modified by	Modify date	Checked by	Date	Control Circuit Diagram 1		Voltage	Frequency
						SG-3048E-CE-230V-0-2			
1	2	3	4	5	6	7	8		







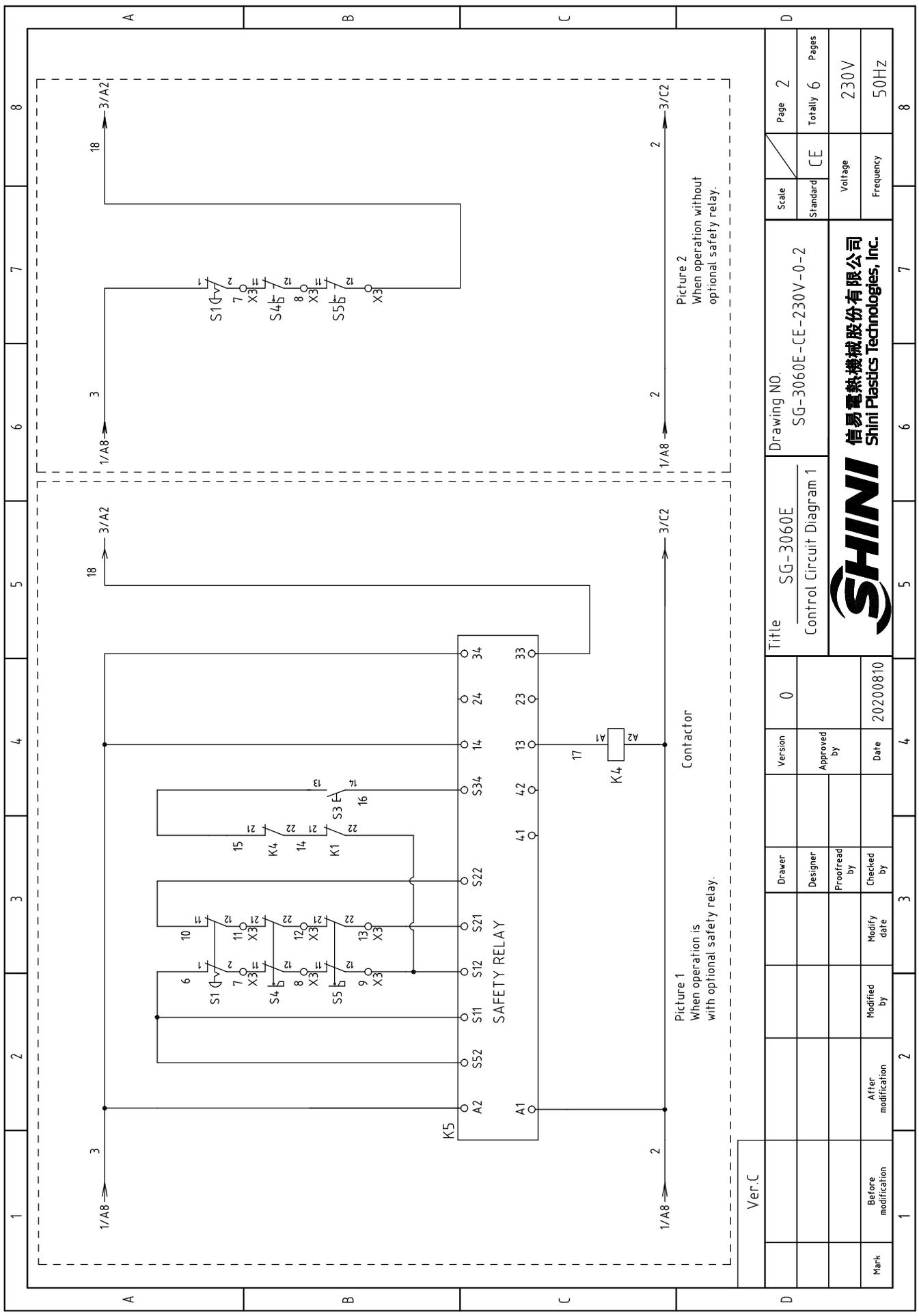
1	2		3	4	5	6	7	8												
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark												
1	Q1	Circuit breaker	TECO	BM-100D/3P	80A	1	YE40308003000													
2	Q2	Circuit breaker	TECO	BM-63C	3A	1	YE40200203000													
3	Q3	Circuit breaker	TECO	BM-63C	6A	1	YE40100600100													
4	K1	Contactor	SIEMENS	3RT5036-1AC20	24VAC	1	YE00503602600													
5		Auxiliary Contactor	SIEMENS	3RH1921-1EA11	1NO+1NC	1	YE00192101100													
6	K4	Contactor	SIEMENS	3RT5036-1AC20	24VAC	1	YE00503602600	(3)												
7		Auxiliary Contactor	SIEMENS	3RH5921-1CA01	1NC	1	YE00592110100	(3)												
8		Auxiliary Contactor	SIEMENS	3RH5921-1CA10	1NO	1	YE00592110000	(3) New												
9	K5	Safety relay	PILZ	PN0Z×2.8P	24V AC/DC	1	YE04023000000	(3)												
10	F1	Overload relay	SIEMENS	3RU5136-4FB0	28-40A	1	YE01513600100													
11	T	Transformer	BAIYUN	IN=230V/OUT=24V	120VA	1	YE70023005500	Delete												
12	T	Sensor thranformer	BAIYUN	IN=230/200V OUT=24VAC	180VA	1	YE70023005400	New												
13	X1	Terminal board	Honeywell	10.0mm <sup>2</sup>	----	3	YE60001003200													
14			Honeywell	10.0mm <sup>2</sup> PE	----	1	YE60001003500													
15			Honeywell	6.0mm <sup>2</sup>	----	3	YE60000603200													
16			Honeywell	6.0mm <sup>2</sup> PE	----	1	YE60000603500													
17	X2	Terminal board	Honeywell	2.5mm <sup>2</sup>	----	4	YE60002503200													
18			Honeywell	2.5mm <sup>2</sup>	----	4	YE60002503200	(3)												
19	X3	Terminal board	Honeywell	2.5mm <sup>2</sup>	----	4	YE60002503200	(2)												
20	S1	Emergency stop button	SCHNEIDER	XB2BS542C	400VAC	1	YE11254200000	(1)												
21		Contact block	SCHNEIDER	ZB2BE102C	1NC	1	YE00210203100	(1)(3)												
22	S2	Stop botton	SCHNEIDER	XB2BA22C	400VAC	1	YE11222000000	(1)												
23	S3,H1	Start button(with light)	SCHNEIDER	XB2BW33B1C	24VAC	1	YE11233100000	(1)												
24		Contact block	SCHNEIDER	ZB2BE101C	1NO	1	YE00210103100	(1)(3)												
25	S4,S5	Safety switch	SCHMERSRC	AZ15-02ZYRK-1476	AZ-15	2	YE16147600100	(1)												
Ver.C Notes: (1)Means it's not the material inside the control box.(2)Means optional accessories of full-receive alarm device.(3)Stand for optional safety relay.																				
Mark			Before modification	Modified by	Modify date	Checked by	Proofread by	Designer	Drawer	Version	0	Title	SG-3048E	Drawing NO.	SG-3048E-CE-230V-0-5	Scale	CE	Page	5	
																Standard	CE	Totally	6	Pages
																Voltage		230V		
																Frequency		50HZ		
																Voltage		230V		
																Frequency		50HZ		



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







Ver.C	Drawing NO.		Page 2	
	SG-3060E		Standard CE	
Control Circuit Diagram 1		SG-3060E-CE-230V-0-2		Totally 6 Pages
Title		Voltage		230V
Version 0		Frequency		50HZ
Approved by		Date		20200810
Proofread by		Modified by		
Checked by		Date		20200810
Modified date		Date		20200810
After modification		Date		
Before modification		Date		
Mark		Date		







1	2		3	4	5	6	7	8
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark
1	Q1	Circuit breaker	TECO	BM-100D/3P	100A	1	YE40310003000	
2	Q2	Circuit breaker	TECO	BM-63C	3A	1	YE40200203000	
3	Q3	Circuit breaker	TECO	BM-63C	6A	1	YE40100600100	
4	K1 K2	Contact	SIEMENS	3RT6028-1AC20	24VAC	2	YE00602802600	
5		Auxiliary Contactor	SIEMENS	3RH6911-1AA10	1NO	1	YE00691100000	New
6	K3	Contact	SIEMENS	3RT6027-1AC20	24VAC	1	YE00602702600	
7	K4	Contact	SIEMENS	3RT5036-1AC20	24VAC	1	YE00503602600	(3)
8		Auxiliary Contactor	SIEMENS	3RH5921-1CA01	1NC	1	YE00592110100	(3)
9		Auxiliary Contactor	SIEMENS	3RH5921-1CA10	1NO	1	YE00592110000	(3) New
10	K5	Safety relay	PILZ	PN0Z-2.8P	24V AC/DC	1	YE04023000000	(3)
11	K6	Time relay	YUYUN	TH3A-NAB	24VAC	1	YE86602400300	
12	F1	Overload relay	SIEMENS	3RU6126-4NB0	23-28A	1	YE01612620000	Delete
13	F1	Overload relay	SIEMENS	3RU6126-4EB0	27-32A	1	YE01612620000	New
14	T	Transformer	BAIYUN	IN-230V/OUT-24V	120VA	1	YE70023005500	Delete
15	T	Sensor transformer	----	IN=230/200V OUT=24VAC	80VA	1	YE70023005200	New
16	T	Sensor transformer	----	IN=230/200V OUT=24VAC	180VA	1	YE70023005400	(3) New
17	X1	Terminal board	Honeywell	16mm <sup>2</sup>	----	3	YE60001603200	
18			Honeywell	16mm <sup>2</sup> PE	----	1	YE60001603500	
19			Honeywell	6.0mm <sup>2</sup>	----	6	YE60000603200	
20			Honeywell	6.0mm <sup>2</sup> PE	----	1	YE60000603500	
21	X2	Terminal board	Honeywell	2.5mm <sup>2</sup>	----	4	YE60002503200	(3)
22			Honeywell	2.5mm <sup>2</sup>	----	4	YE60002503200	(2)
23	X3	Terminal board	Honeywell	2.5mm <sup>2</sup>	----	4	YE60002503200	
24	S1	Emergency stop button	SCHNEIDER	XB2BS542C	400VAC	1	YE11254200000	(1)
25		Contact block	SCHNEIDER	ZB2BE102C	1NC	1	YE00210203100	(1)(3)
Ver.C Notes: (1)Means it's not the material inside the control box.(2)Means optional accessories of full-receive alarm device.(3)Stand for optional safety relay.								
			Drawer	Version	Title		Drawing NO.	
			Designer	0	SG-3060E		SG-3060E-CE-230V-0-5	
			Proofread by	Approved by	Electrical Components List 1		Standard	Scale
			Checked by	Date			CE	Page 5
			Modified by	20200810			Voltage	Totally 6 Pages
			Modify date				Frequency	230V
Mark	Before modification	After modification						50HZ



