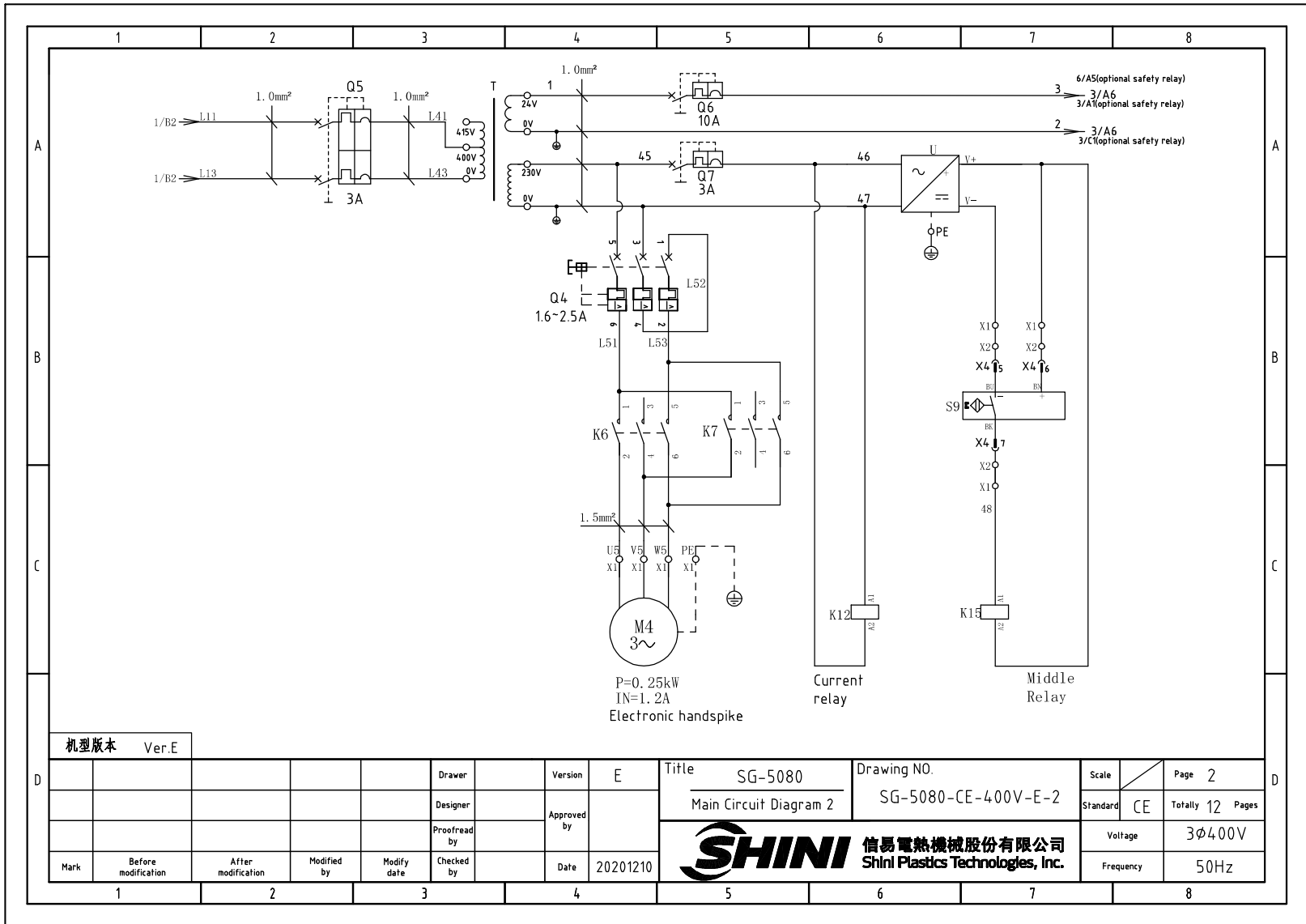


机型版本 Ver.E

1	2	3	4	5	6	7	8		
			制图 黄振杰	版号 E	标题 SG-5080	图号 SG-5080-CE-400V-E-1	比例	第 1 张	
			设计 黄振杰	核 准	主电路图一		标准 CE	共 12 张	
			校对		 信易电热机械股份有限公司 Shini Plastics Technologies, Inc.		机器电压	3φ400V	
标记	更改前	更改后	更改人	日期			审核	日期	20220805

1 2 3 4 5 6 7 8

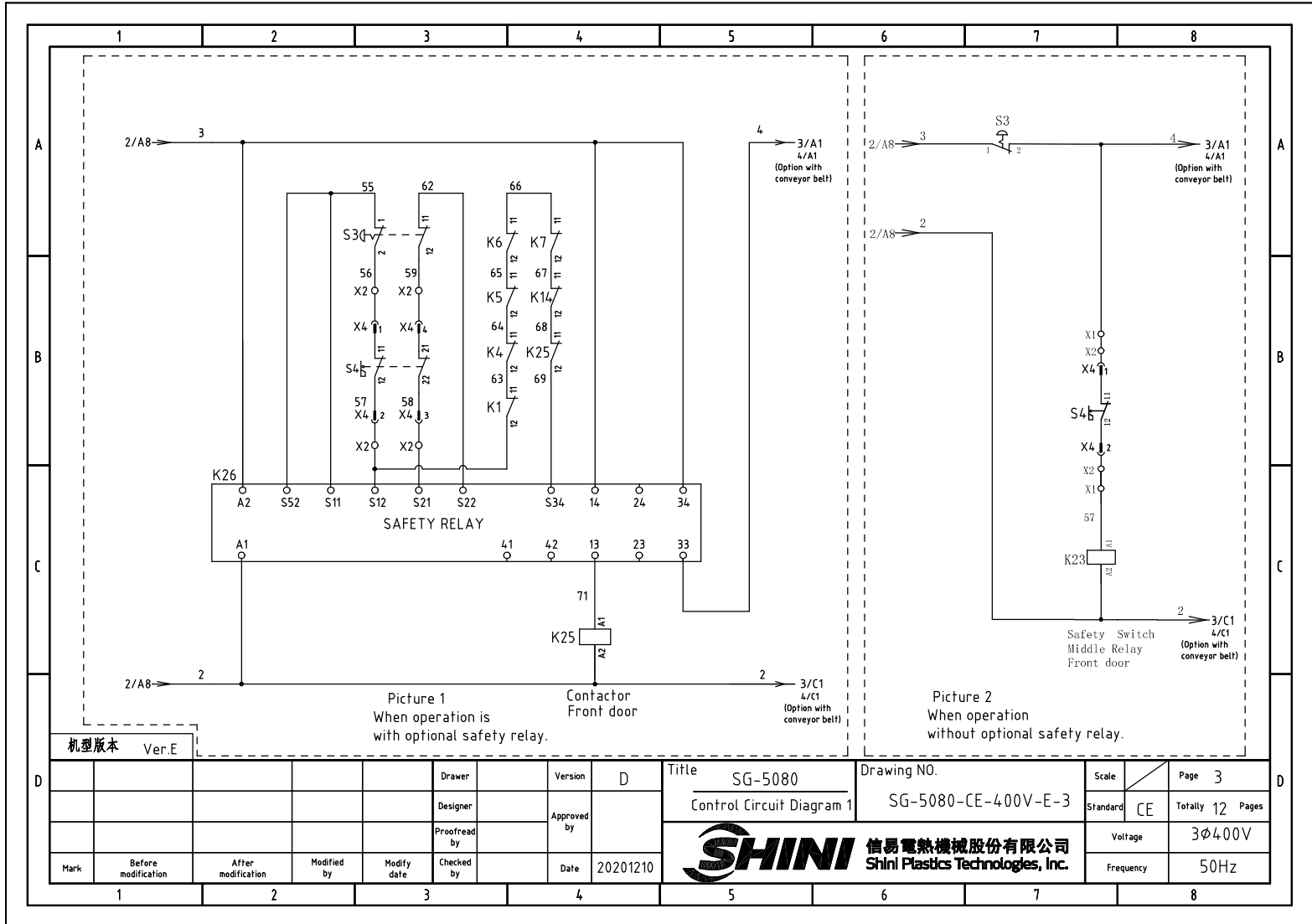


机型版本 Ver.E

Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date	20201210

Title	SG-5080	Drawing NO.	SG-5080-CE-400V-E-2	Scale	Page 2
	Main Circuit Diagram 2			Standard	CE
				Voltage	3φ4.00V
				Frequency	50Hz



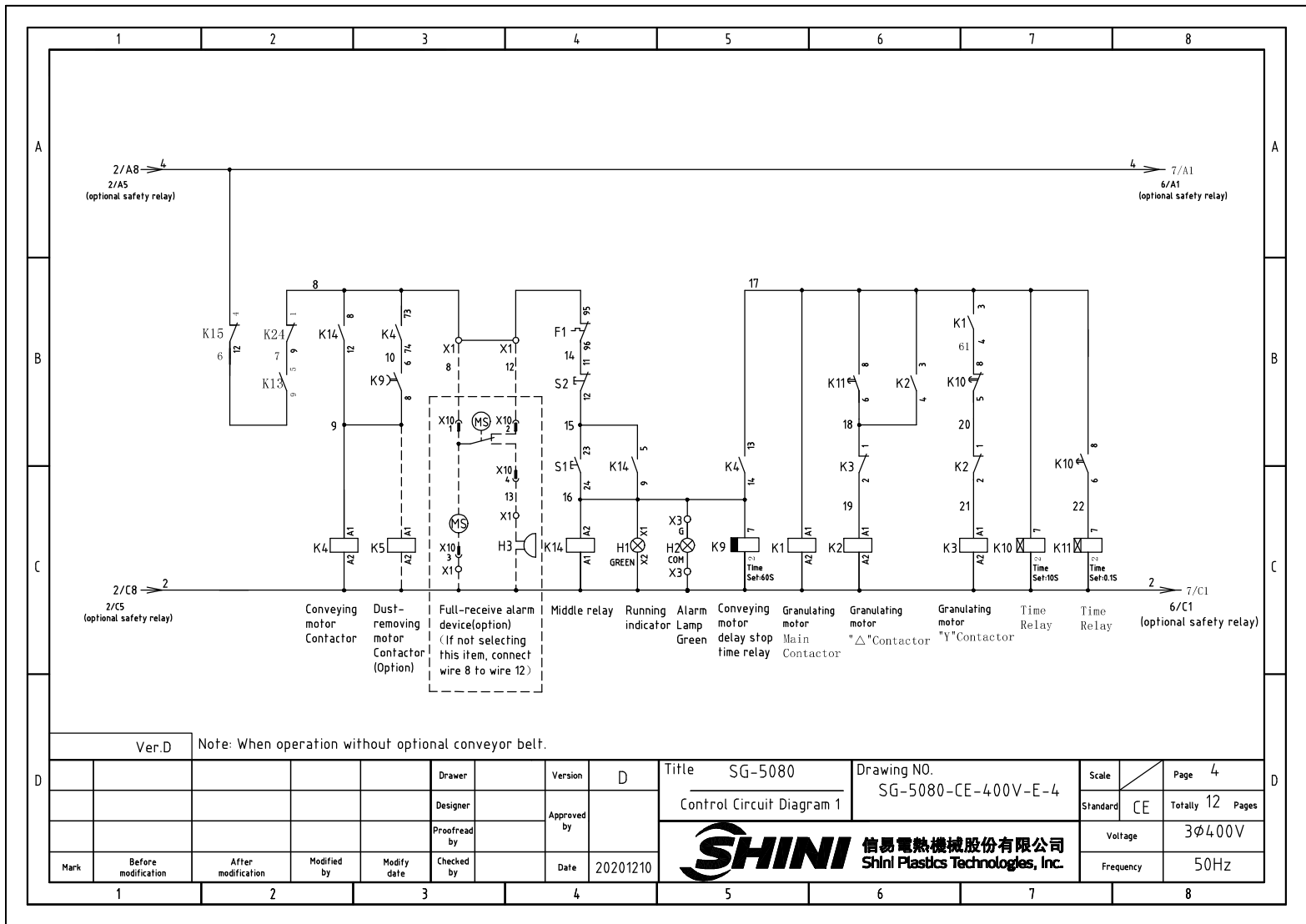


机型版本 Ver.E

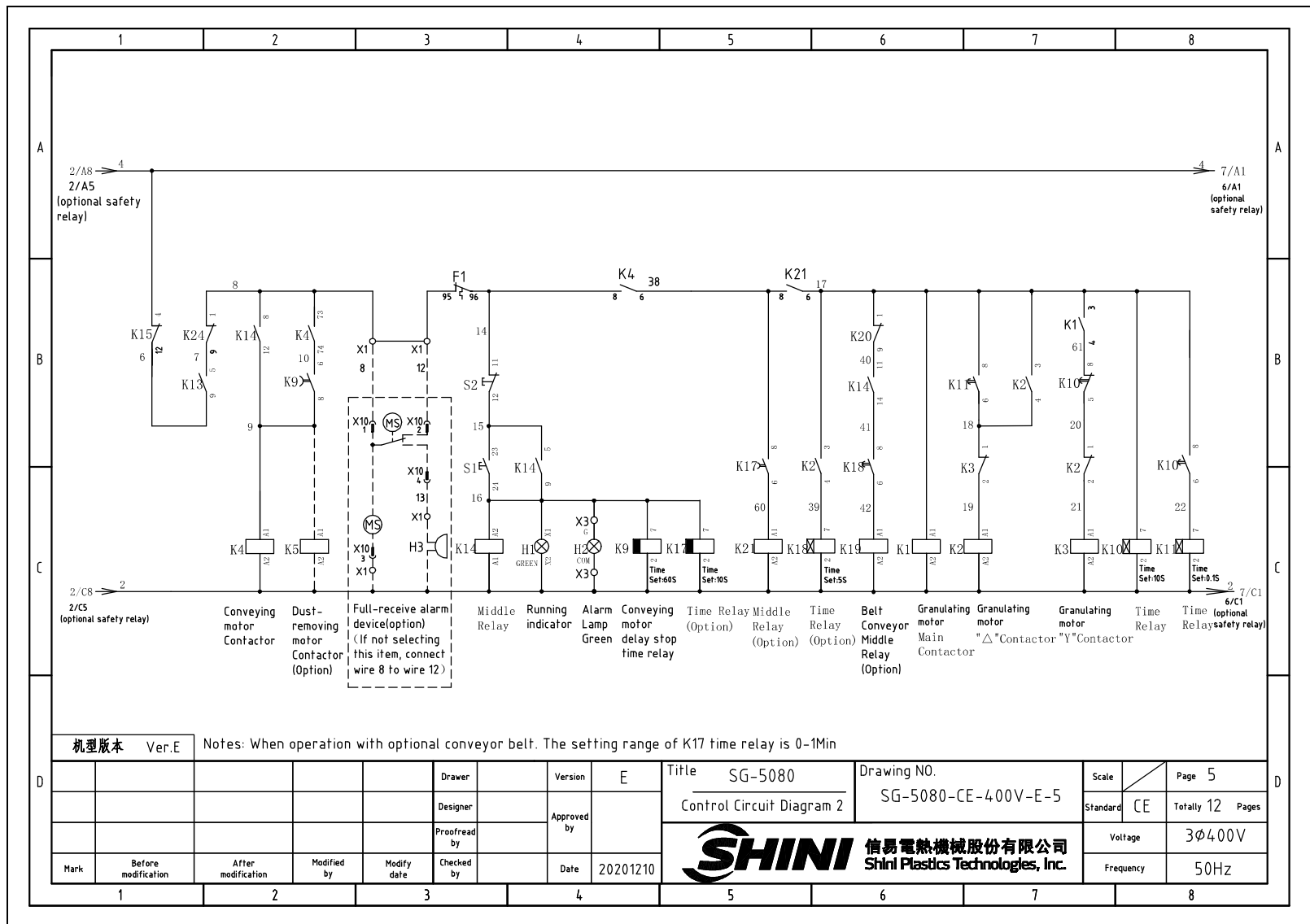
Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date	20201210


Title		SG-5080		Drawing NO.		Page 3	
Control Circuit Diagram 1		SG-5080-CE-400V-E-3		Standard		Totally 12 Pages	
				Voltage		3Φ400V	
				Frequency		50Hz	

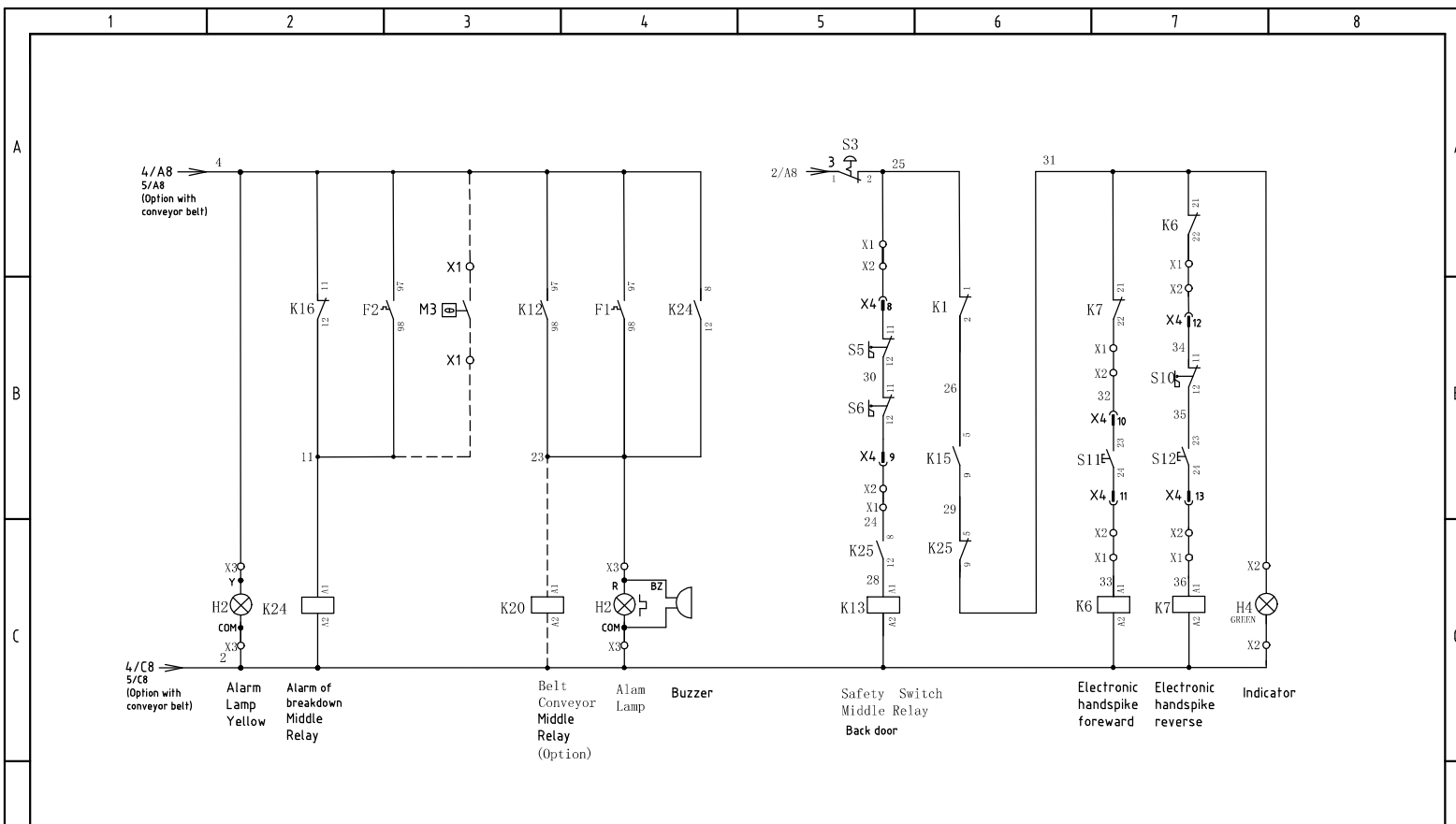




SHINI 信易電熱機械股份有限公司
Shini Plastics Technologies, Inc.



机型版本 Ver.E		Notes: When operation with optional conveyor belt. The setting range of K17 time relay is 0-1Min										
		Drawer	Version		E		Title	SG-5080	Drawing NO.	Scale	Page	
		Designer	Approved by				Control Circuit Diagram 2		SG-5080-CE-400V-E-5	Standard	CE	Totally 12 Pages
		Proofread by	Date		20201210		 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Voltage		3φ400V	
Mark	Before modification	After modification	Modified by	Modify date	Checked by				Frequency		50Hz	
1	2	3	4	5	6	7	8					

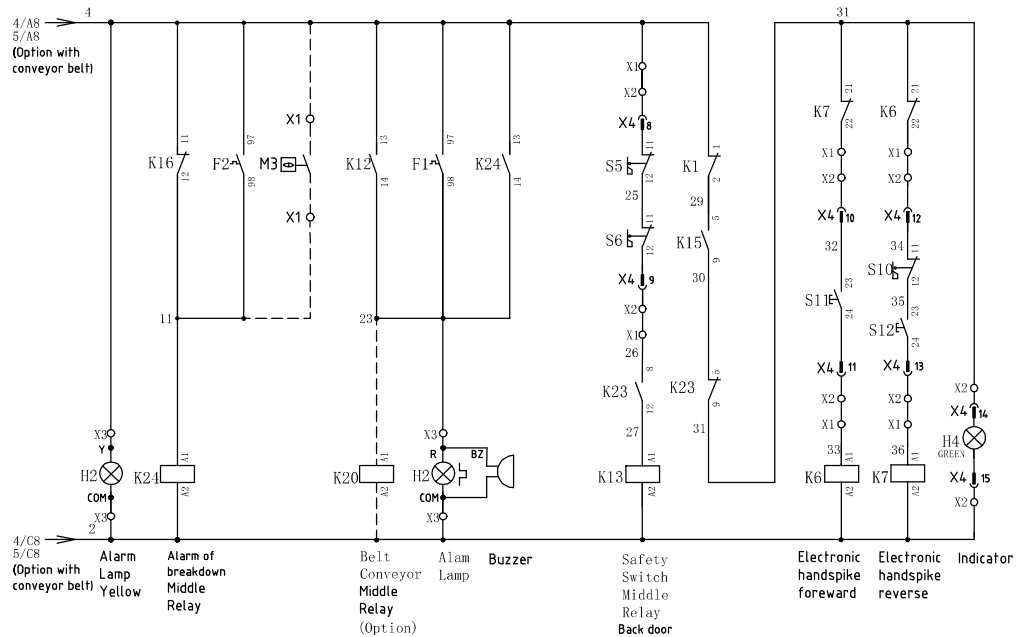


Ver.D		Note: When operation is with optional safety relay.			
Mark	Before modification	After modification	Modified by	Modify date	Checked by

Title	SG-5080	Drawing NO.	SG-5080-CE-400V-E-6
Control Circuit Diagram 2			


Scale	Page 6
Standard	CE
Voltage	
3φ400V	
Frequency	
50Hz	

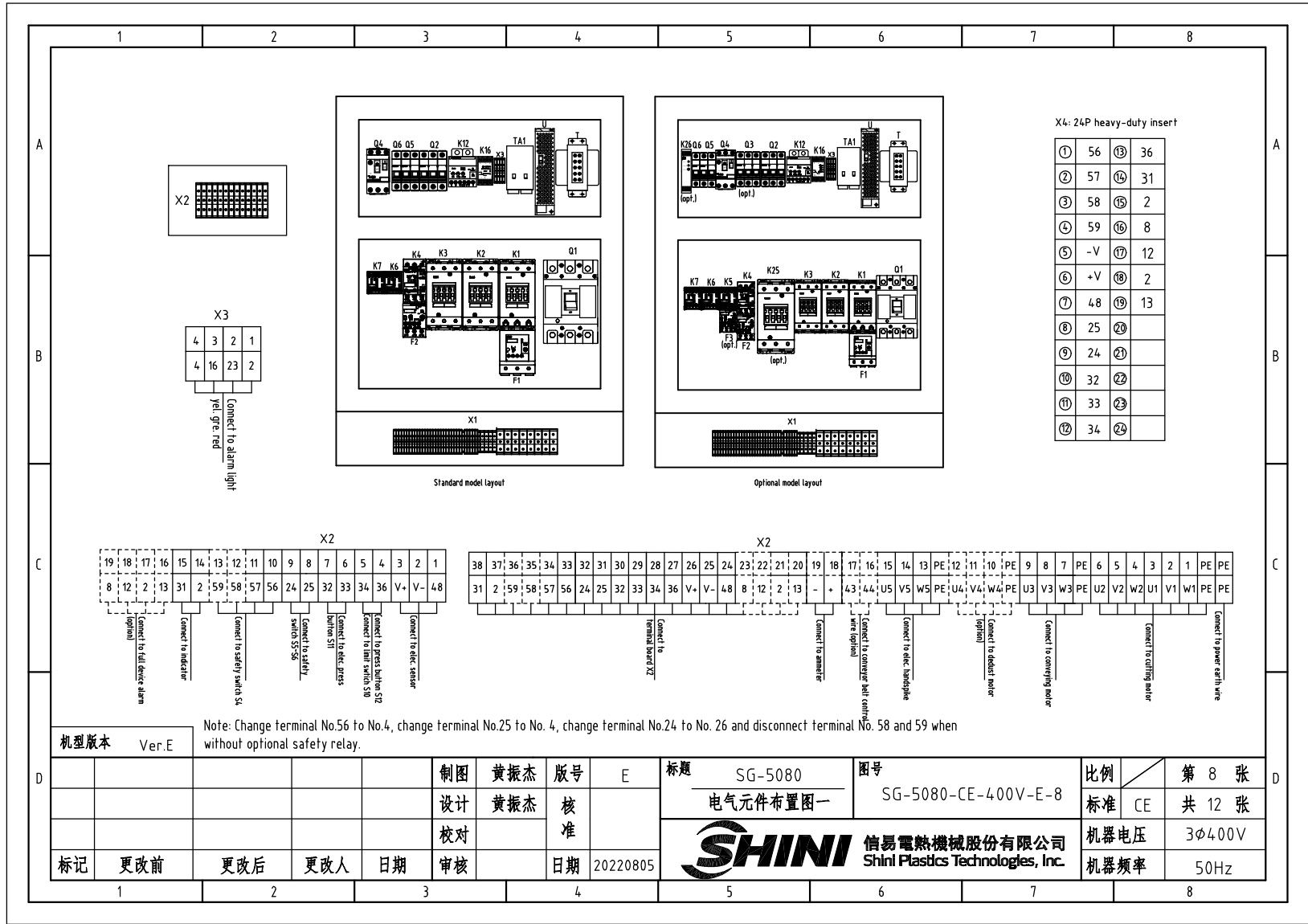




机型版本 Ver.E

Note: When operation without optional safety relay.

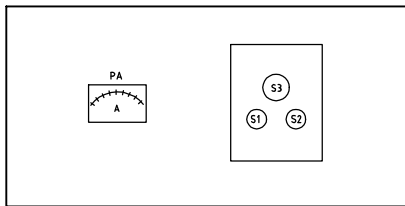
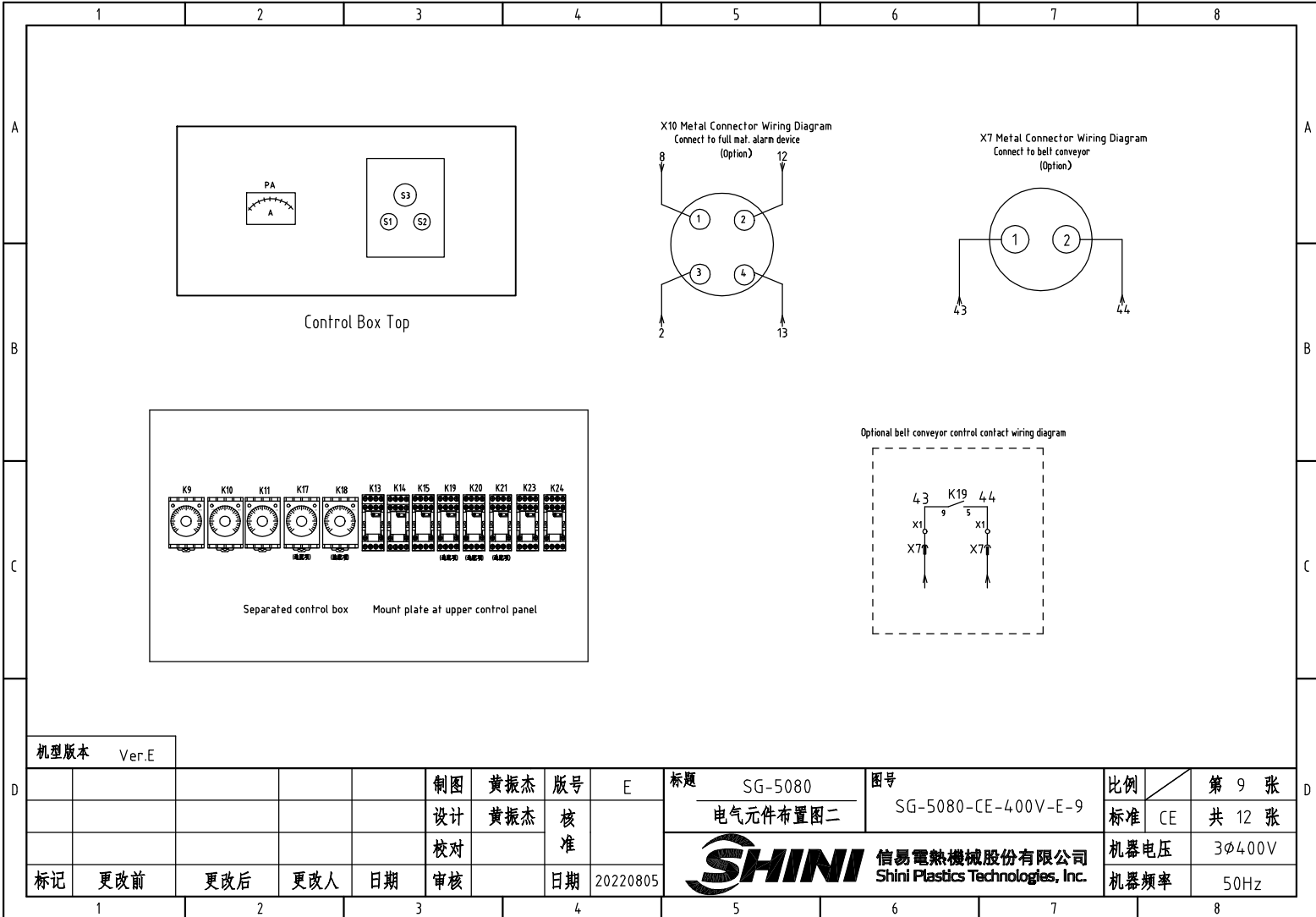
				Drawer		Version	E	Title	SG-5080	Drawing NO.	Scale	Page 7
				Designer		Approved by		Control Circuit Diagram 3	SG-5080-CE-400V-E-7	Standard	CE	Totally 12 Pages
				Proofread by		Date	20201210	 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Voltage	3φ400V	
Mark	Before modification	After modification	Modified by	Modify date	Checked by					Frequency	50Hz	



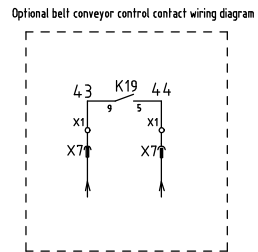
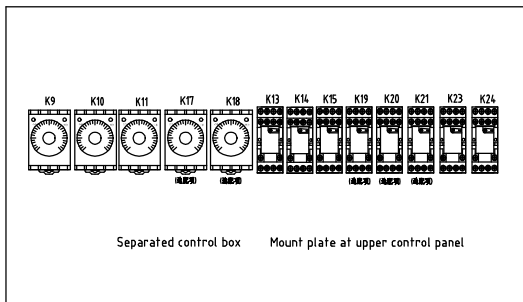
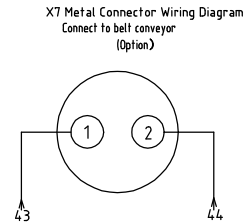
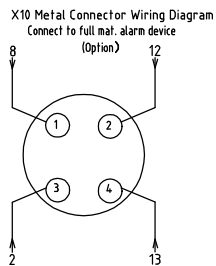
机型版本 Ver.E

制图	黄振杰	版号	E	标题	SG-5080	图号	SG-5080-CE-400V-E-8	比例	第 8 张
设计	黄振杰	核准		电气元件布置图一				标准	CE 共 12 张
校对		日期	20220805					机器电压	3φ400V
标记	更改前	更改后	更改人	日期				机器频率	50Hz





Control Box Top




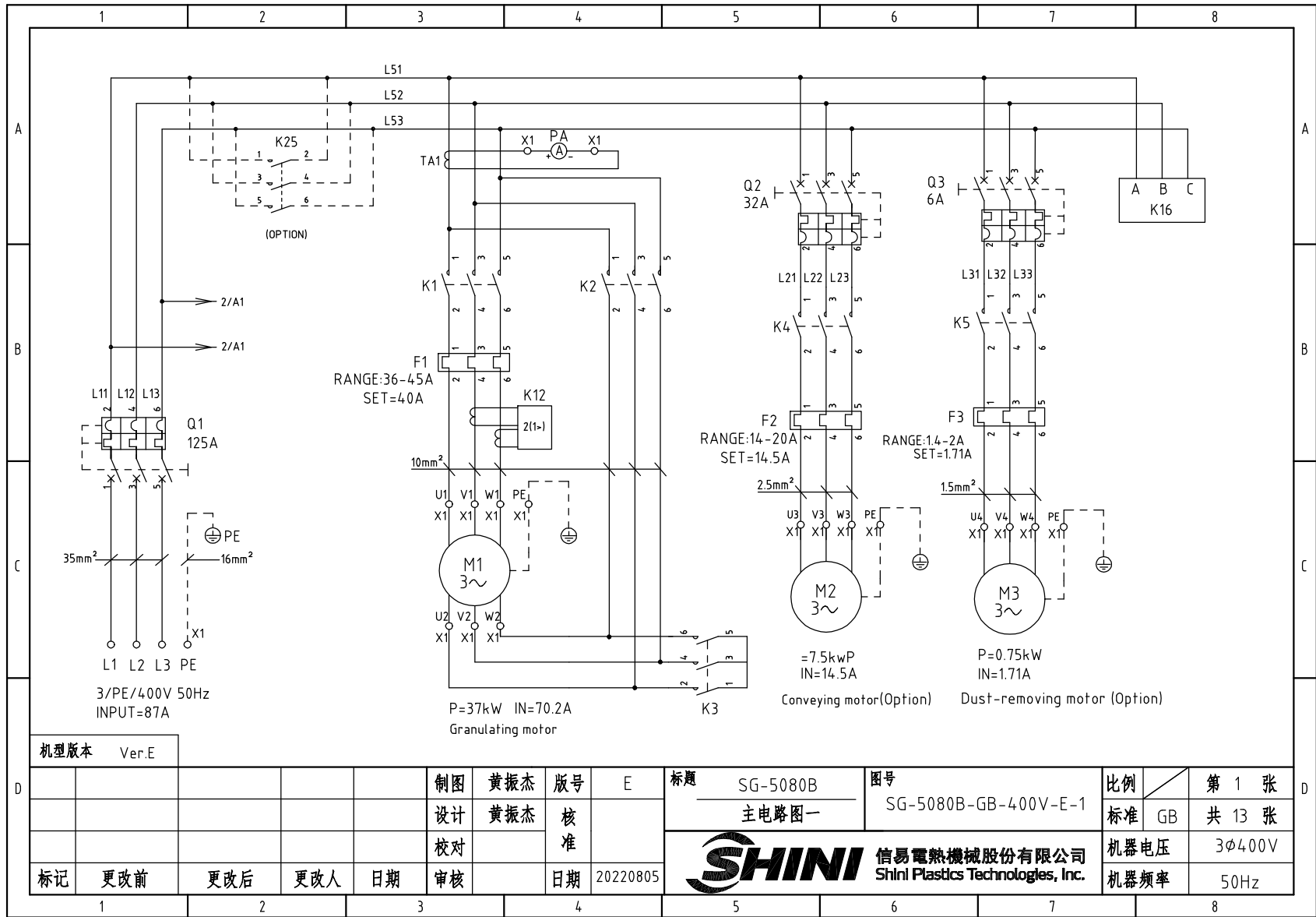
机型版本 Ver.E

D					制图	黄振杰	版号	E	标题	SG-5080	图号	比例	第 9 张
					设计	黄振杰	核 准		电气元件布置图二	SG-5080-CE-400V-E-9	标准	CE	共 12 张
					校对							机器电压	3φ400V
	标记	更改前	更改后	更改人	日期	审核	日期	20220805	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						

1		2		3		4		5		6		7		8					
NO.	Symbol	Name		Manufacturer		Type		Specification		Number	Material number		Remark						
1	Q1	Plastic shell circuit breaker		TECO		TAX-125L3125		125A		1	YE40125301100								
2		External operating handle		TECO		FB1R-CS1-C-D1		-----		1	YE90111100300								
3	Q2	Circuit breaker		TECO		BM-63C/3032S		32A		1	YE40303203000								
4	Q3	Circuit breaker		TECO		BM-63C/3006S		6A		1	YE40300603000		(3)						
5	Q4	Thermomagnetic circuit breaker		CHNT		NS2-25		1.6-2.5A		1	YE10162500100								
6	Q5	Circuit breaker		TECO		BM-63C/2003S 2P		3A		1	YE40200203000								
7	Q6	Circuit breaker		TECO		BM-63C/1010S 1P		10A		1	YE40101000100								
8	Q7	Circuit breaker		TECO		BM-63C/1003S 1P		3A		1	YE40100203000								
9	K1,K2	Contactor		SIEMENS		3RT5036-1AC20		50A 24VAC 50/60Hz		2	YE00503602600								
10		Auxiliary contact		SIEMENS		3RH5921-1CA10		1NO		1	YE00592110000								
11	K3	Contactor		SIEMENS		3RT5035-1AC20		40A 24VAC 50/60Hz		1	YE00503502600								
12		Auxiliary contact		SIEMENS		3RH5921-1CA10		1NO		1	YE00592110000								
13		Auxiliary contact		SIEMENS		3RH5921-1CA01		1NC		3	YE00592110100								
14		Auxiliary contact		SIEMENS		3RH5921-1CA10		1NO		1	YE00592110000		(4)						
15	K4	Contactor		SIEMENS		3RT6027-1AC20		32A 24VAC 50/60Hz		1	YE00602702600								
16		Auxiliary contact		SIEMENS		3RH6911-1AA10		1NO		1	YE00691110000								
17	K5	Contactor		SIEMENS		3RT6015-1AB01		7A 24VAC 50/60Hz		1	YE00601502500		(3)						
18	K6,K7	Contactor		SIEMENS		3RT6015-1AB02		7A 24VAC 50/60Hz		2	YE00601502600								
19	K9	Timer		YUYUN		TRF-N/3M		24VAC		1	YE86032400000								
20	K10	Timer		YUYUN		TH3A-NAB/60S		24VAC		1	YE86602400300								
21	K11	Timer		YUYUN		TH3M-NAB/3S-60M		24VAC		1	YE86123000000								
22	K13,K14,K23	Middle relay		HONEYWELL		GR-2C-AC24V		24VAC		4	YE03022400300								
23	K14	Middle relay		HONEYWELL		GR-4C-AC24V		24VAC		1	YE03042400300		(4)						
24	K15	Middle relay		WEIDMULLER		DRM270024LT		24VDC		1	YE03272400000								
25	K12	Current relay		SCHNEIDER		HDER-LTA		220VAC 5-60A		1	YE04047600000								
机型版本		Ver.E		Notes:(1)Materials not in the control box;(2)Optional full mat. alarm;(3)Optional de-dust blower; (4) Used with optional belt conveyor;(6) Optional Safety relay.															
制图		黄振杰		版号		E		标题		SG-5080		图号		比例		第 10 张			
设计		黄振杰		核				电气元件明细表一		SG-5080-CE-400V-E-10		标准		CE		共 12 张			
校对				准				 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		机器电压		3φ400V							
标记		更改前		更改后		更改人				日期		审核		日期		20220805		机器频率	
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		
26	K16	Phase disorder protector		CHAOSHI		ABJ1-10-460		400VAC 50/60Hz		1	YE85104600000				
27	K17	Timer		YUYUN		TRF-N/3M		24VAC		1	YE86032400000		(4)		
28	K18	Timer		YUYUN		TH3A-NAB/60S		24VAC		1	YE86602400300		(4)		
29	K19,K20,K21	Middle realy		HONEYWELL		GR-2C-AC24V		24VAC		3	YE03022400300		(4)		
30	K25	Confactor		SIEMENS		3RT5046-1AC20		24V 50/60Hz		1	YE00504602600		(5)		
31		Auxiliary contact		SIEMENS		3RH5921-1CA01		1NC		1	YE00592110100		(5)		
32	K26	Safety relay		PILZ		PNOZ×2.8P		24V AC/DC		1	YE04023000000		(5)		
33		Auxiliary contact		SIEMENS		3RH6911-1HA11		1NO+1NC		4	YE00691110100		(5)		
34	F1	Thermal overload relay		SIEMENS		3RU5136-4GB0		36-45A		1	YE01612660000				
35	F2	Thermal overload relay		SIEMENS		3RU6126-4BB0		14-20A		1	YE01260140000				
36	F3	Thermal overload relay		SIEMENS		3RU6116-1BB0		1.4-2A		1	YE01160140000		(3)		
37	K24	Middle relay		HONEYWELL		GR-2C-AC24V		24VAC		1	YE03022400300				
38	H2	3-color alarm lamp		SHINI		red, gre.,yel,+buzzer		24VAC/DC 50/60Hz		1	BL90002401520		(1)		
39	TA1	Current mutual transformer		RATIO		BE-3RCT		100/5A		1	YE04100500000				
40	PA	Ammeter		SFIM		DH-670		100/5A		1	YE25671000000		(1)		
41	H4	Indicator		ABB		CL2-502G		24VAC GREEN		1	YE83050200100		(1)		
42	S1(H1),S11,S12	Start button		SCHNEIDER		XB2BW33B1C		24VAC		3	YE11233100000		(1)		
43	S2	Stop button		SCHNEIDER		XB2BA22C		400VAC		1	YE11222000000		(1)		
44	S3	Emergency stop button		SCHNEIDER		XB2BS542C		400VAC		1	YE11254200000		(1)		
45		Contact block		SCHNEIDER		ZB2BE102C		1NC		1	YE00210203100		(1)(5)		
46	MS	Mat. level switch		SIPAI		SR-80		24VAC		1	YE15802400100		(1)(2)		
47	H3	Buzzer		TEND		EA-2		24VAC		1	YE84240200000		(1)(2)		
48	S4-S6	Safety switch		SCHMERSAL		AZ 15ZVK-1476		AC-15		3	YE16147600100		(1)		
49	S5-S6	Safety switch		SCHMERSAL		AZ 15ZVK-1476		AC-15		2	YE16147600100		(1)(5)		
50	S4	Safety switch		SCHMERSRC		AZ16-02ZVRK-1476		AZ-16		1	YE16147600000		(1)(5)		
机型版本 Ver.E Notes:(1)Materials not in the control box;(2)Optional full mat. alarm ;(3)Optional de-dust blower; (4) Used with optional belt conveyor;(6) Optional Safety relay.															
标记		更改前	更改后	更改人	日期	制图	黄振杰	版号	E	标题	SG-5080	图号	比例	第 11 张	
						设计	黄振杰	核		电气元件明细表二	SG-5080-CE-400V-E-11	标准	CE	共 12 张	
						校对		准			信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.	机器电压		3φ400V	
						审核		日期	20220805			机器频率		50Hz	
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				
51	S9	Inductive sensor		DELIN		DL-12		24VDC		1	YE15122400000		(1)				
52	S10	Limit switch		SCHMERSAL		ZS 336-11Z		----		1	YE14332100000		(1)				
A	53	T	Mutual transformer		BAIYUN		IN=400V/415V OUT=24V/230VVA / 1500MA				1	YE70040008000		A			
	54	U	DC power		MEAN WELL		LRS-35-24		OUT=24VDC 1.5A		1	YE71352400100					
	55	X1	Terminal board		Honeywell		GK35PE		35mm ² PE		1	YE60003503500					
	56				Honeywell		GK10		10mm ²		6	YE60001003200					
	57				Honeywell		GK10PE		10mm ² PE		1	YE60001003500					
B	58				Honeywell		SK2.5		2.5mm ²		25	YE60002503200					
	59				Honeywell		SK2.5		2.5mm ²		2	YE60002503200		(3)			
	60				Honeywell		GK2.5PE		2.5mm ² PE		2	YE60002503400					
	61				Honeywell		SK2.5		2.5mm ²		4	YE60002503200		(2)			
	62				Honeywell		SK2.5		2.5mm ²		2	YE60002503200		(4)			
	63				Honeywell		SK2.5		2.5mm ²		3	YE60002503200		(3)			
	64				Honeywell		GK2.5PE		2.5mm ² PE		1	YE60002503400		(3)			
	65	X2	Terminal board		Honeywell		SK2.5		2.5mm ²		13	YE60002503200					
C	66		Terminal fittings E/GK series						PCS		6.000	YE60000003900					
	67	X4	Heavy duty connector		HARTING		24P+PE (plug)		24P		2	YE68002406300		(1)			
	68	X4	Heavy duty connector		HARTING		24P+PE (socket)		24P		2	YE68002407300		(1)			
	69	X7	Metal connector		SHINI		PLT-162-PR(socket)		2P		1	YE68016200100		(1)(4)			
	70	X10	Metal connector		SHINI		PLT-254-PM		4P		1	YE68025400000		(1)(2)			
	71				----		PLT-254-RF		4P		1	YE68025400100		(1)(2)			
	72	M1	Motor		----		----		400V 50Hz 37KW		1	----		(1)			
73	M2	Blower		SHINI		----		400V 50Hz 7.5KW		1	----		(1)				
74	M3	Blower		SHINI		----		400V 50Hz 0.75KW		1	----		(1)(3)				
75	M4	Elec. handspike		----		----		0.25KW 220VAC		1	----		(1)				
D	机型版本 Ver.E		Notes:(1)Materials not in the control box;(2)Optional full mat. alarm ;(3)Optional de-dust blower; (4) Used with optional belt conveyor;(6) Optional Safety relay.														
						制图	黄振杰	版号	E	标题	SG-5080	图号	SG-5080-CE-400V-E-12		比例	第 12 张	
						设计	黄振杰	核准		电气元件明细表三		标准	CE	共 12 张			
	标记	更改前	更改后	更改人	日期	审核		日期	20220805	 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		机器电压	3φ400V				
1		2		3		4		5		6		7		8			

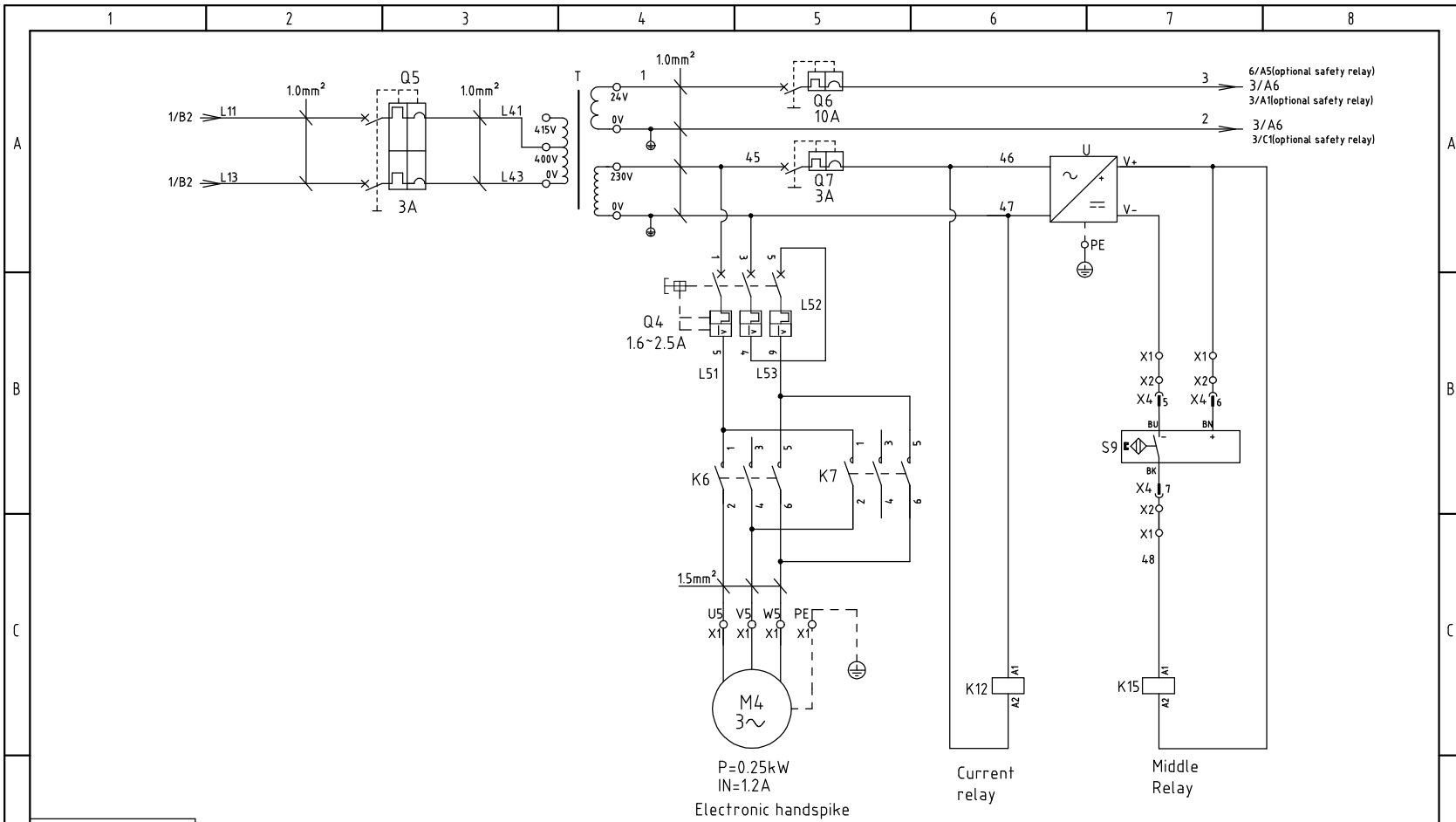


机型版本 Ver.E

制图	黄振杰	版号	E
设计	黄振杰	核准	
校对		核准	
标记	更改前	更改后	更改人
	日期	日期	20220805

标题	SG-5080B	图号	SG-5080B-GB-400V-E-1
	主电路图一		
		信易电热机械股份有限公司 Shini Plastics Technologies, Inc.	

比例	第 1 张
标准	共 13 张
机器电压	3φ400V
机器频率	50Hz

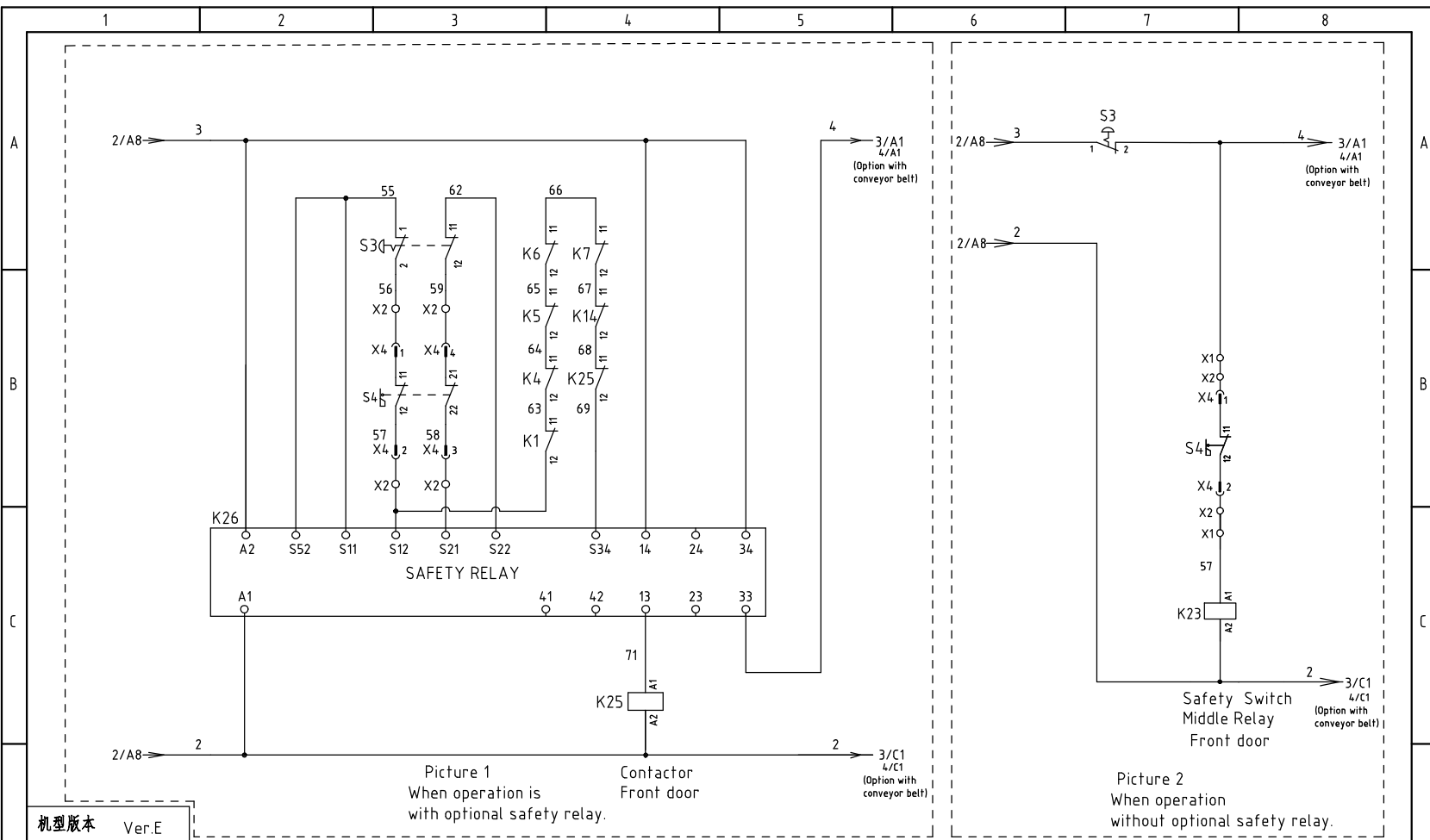


机型版本 Ver.E

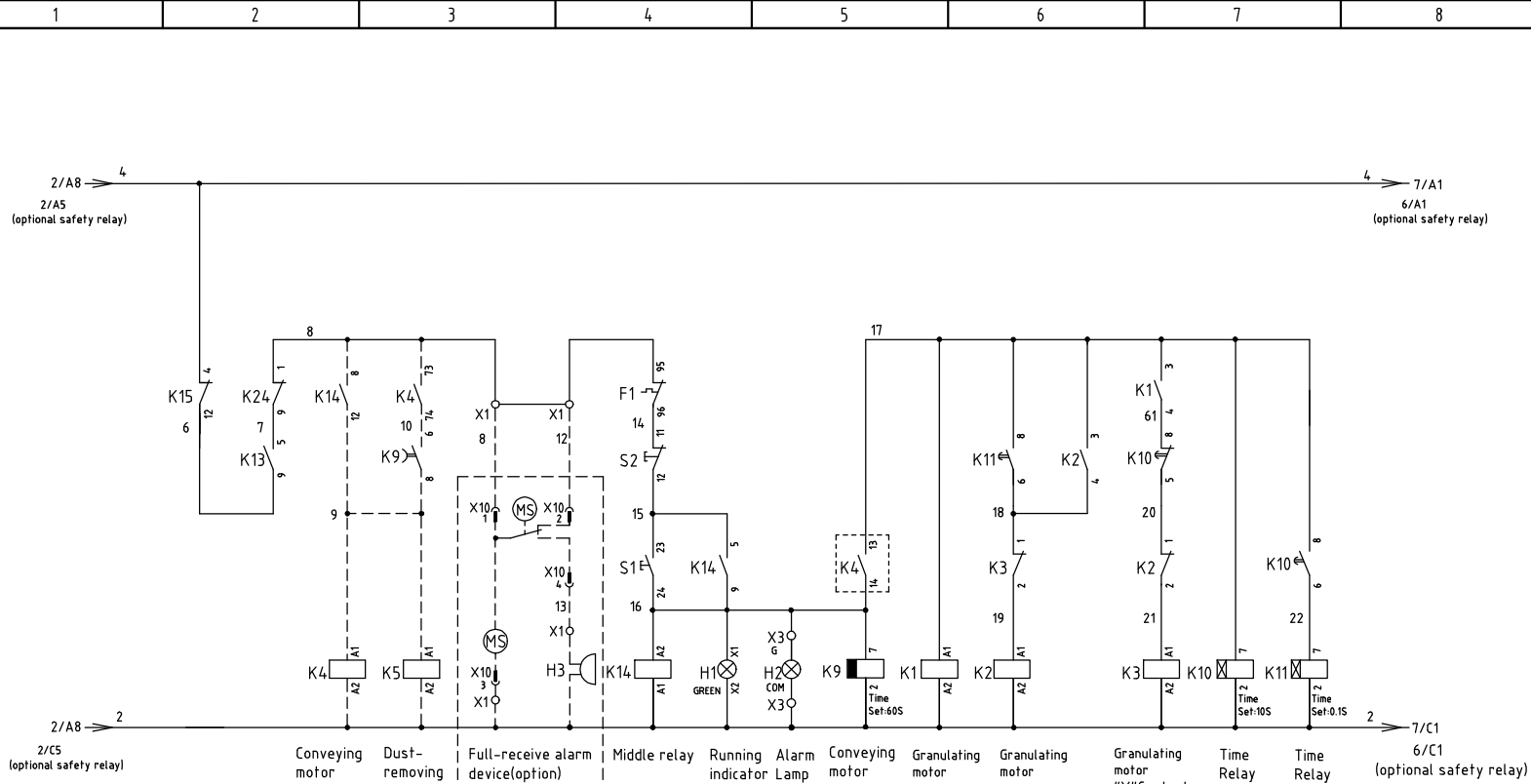
制图	黄振杰	版号	E
设计	黄振杰	核准	
校对		核准	
标记	更改前	更改后	更改人
	日期	日期	20220805

标题	SG-5080B 主电路图二	图号	SG-5080B-GB-400V-E-2
信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		比例	第 2 张
		标准	GB 共 13 张
		机器电压	3φ400V
		机器频率	50Hz

1 2 3 4 5 6 7 8



机型版本 Ver.E				Picture 1 When operation is with optional safety relay.		Picture 2 When operation without optional safety relay.	
制图 黄振杰				版号 E		标题 SG-5080B	
设计 黄振杰				核准		图号 SG-5080B-GB-400V-E-3	
校对				日期 20220805		比例 第 3 张	
标记 更改前 更改后 更改人 日期 审核				SHINI 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		标准 GB 共 13 张	
						机器电压 3φ400V	
						机器频率 50Hz	



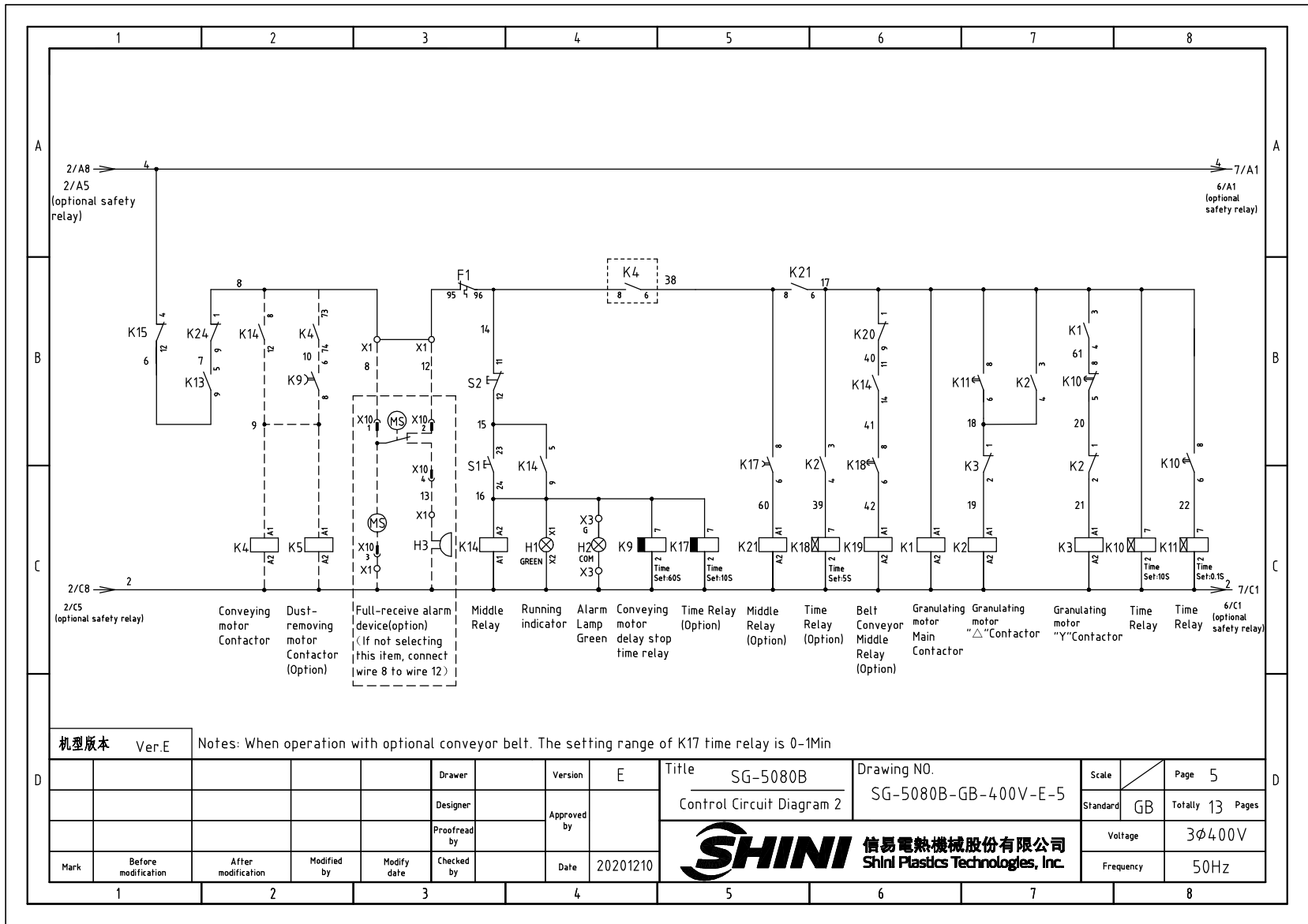
2/A8 → 4 (optional safety relay) 2/A5 (optional safety relay) 7/A1 6/A1 (optional safety relay)

2/A8 → 2 (optional safety relay) 2/C5 (optional safety relay) 7/C1 6/C1 (optional safety relay)

Conveying motor Contactor
 Dust-removing motor Contactor (Option)
 Full-receive alarm device(option) (If not selecting this item, connect wire 8 to wire 12)
 Middle relay
 Running indicator
 Alarm Lamp Green
 Conveying motor delay stop time relay
 Granulating motor Main Contactor
 Granulating motor "Δ" Contactor
 Granulating motor "Y" Contactor
 Time Relay
 Time Relay

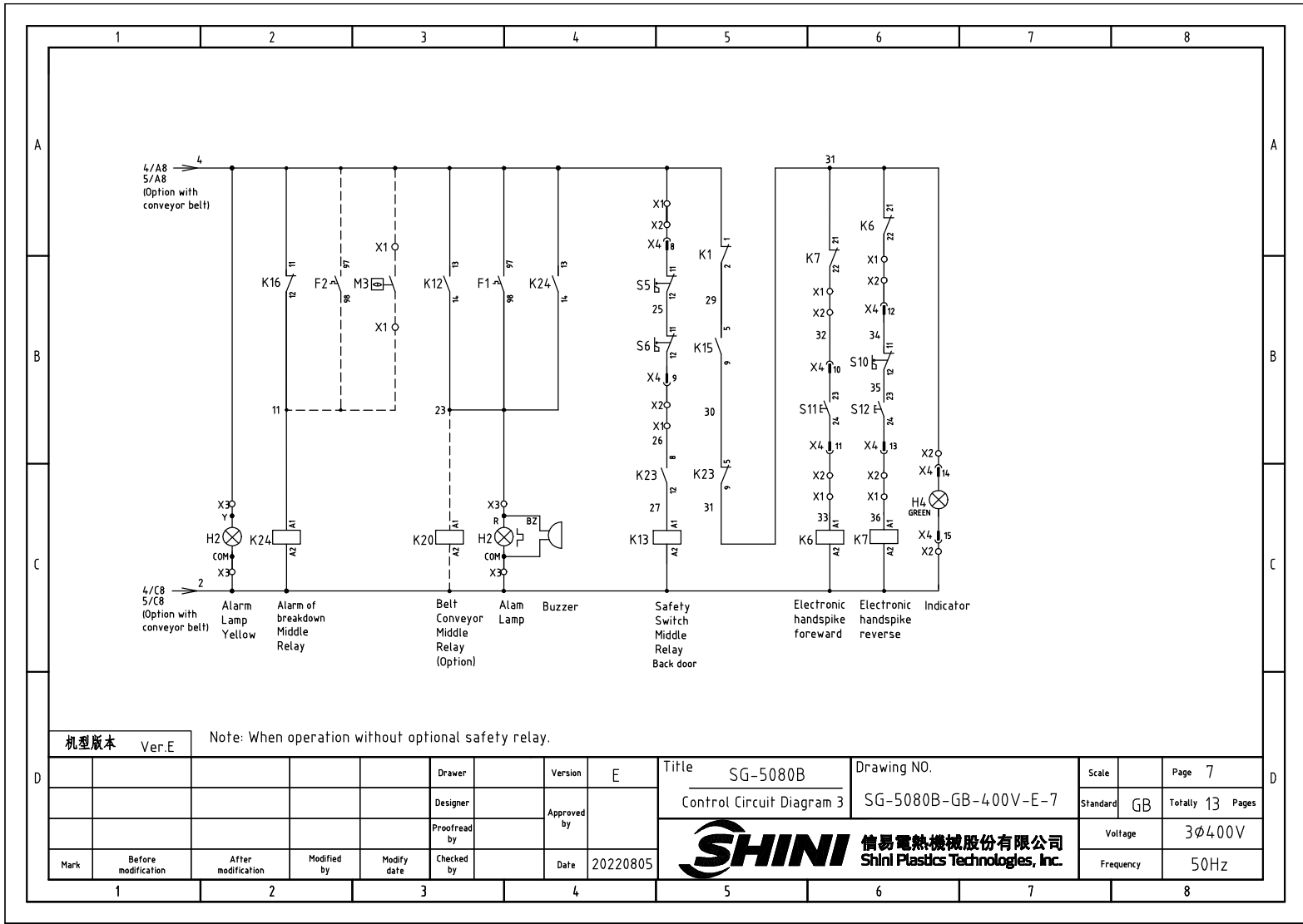
机型版本 Ver.E		Note: When operation without optional conveyor belt.			
Mark	Before modification	After modification	Modified by	Modify date	Checked by
1					
2					
3					
4					
Version	E	Designer	Approved by	Date	20201210
Drawer		Proofread by			

Title	SG-5080B	Drawing NO.	SG-5080B-GB-400V-E-4	Scale	Page 4
Control Circuit Diagram 1		Standard	GB	Totally 13 Pages	
 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Voltage	3φ400V		
		Frequency	50Hz		



机型版本 Ver.E Notes: When operation with optional conveyor belt. The setting range of K17 time relay is 0-1Min

Drawer	Version	E	Title	SG-5080B	Drawing NO.	Scale	Page	5
Designer	Approved by		Control Circuit Diagram 2	SG-5080B-GB-400V-E-5	Standard	GB	Totally	13 Pages
Proofread by	Date	20201210	信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Voltage	3φ400V		
Mark	Before modification	After modification			Modified by	Modify date	Checked by	Frequency

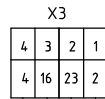
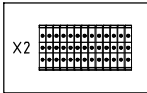
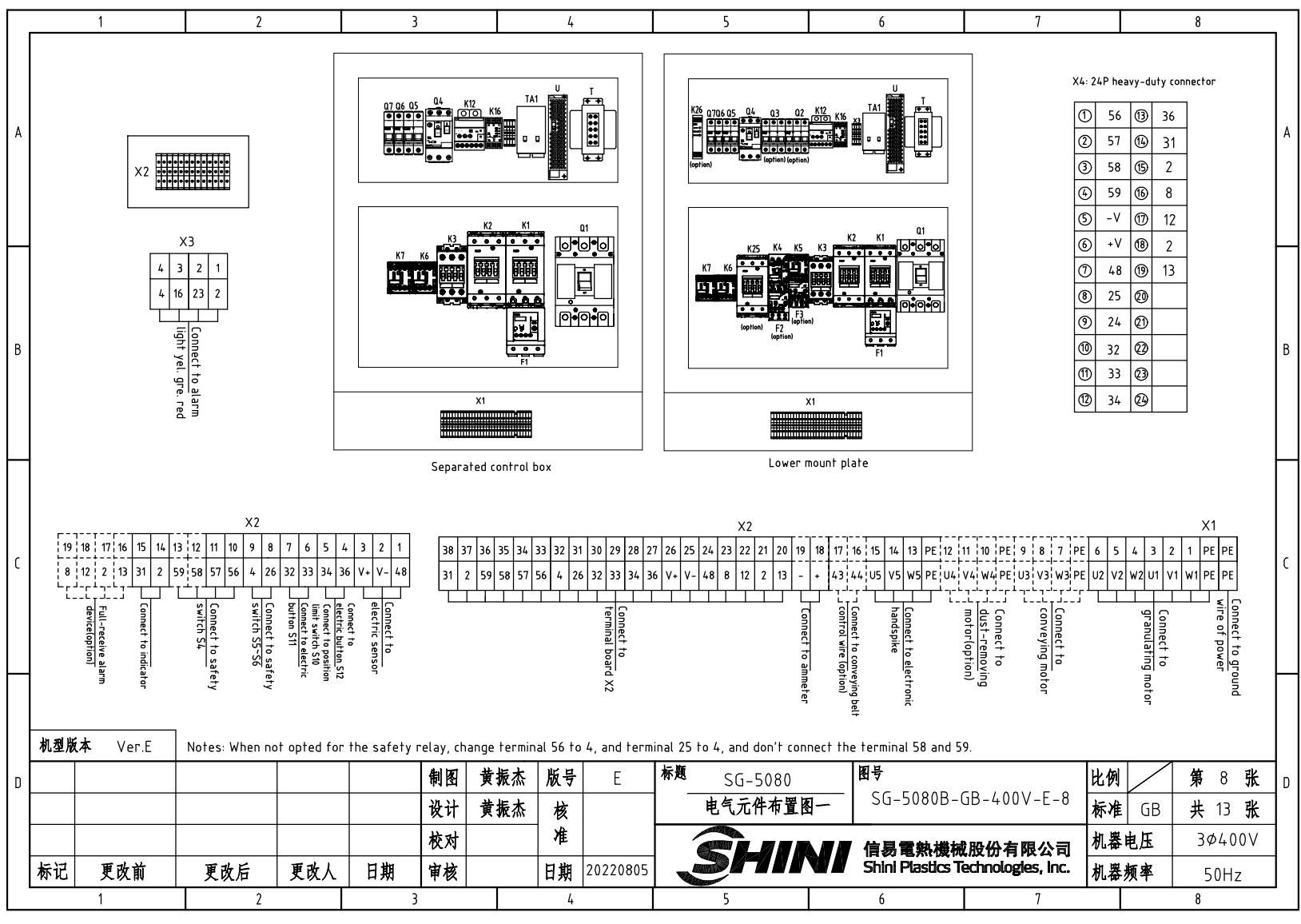


机版本 Ver.E Note: When operation without optional safety relay.

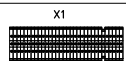
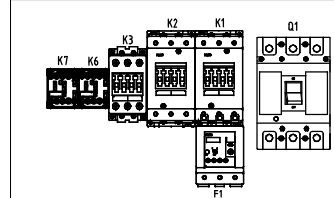
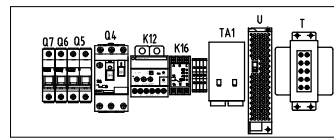
Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date	20220805
					Proofread by	Approved by	
					Designer	Version	E
					Drawer		

Title	SG-5080B	Drawing NO.		Scale		Page	7
	Control Circuit Diagram 3	SG-5080B-GB-400V-E-7		Standard	GB	Totally	13 Pages
				Voltage	3φ400V		
				Frequency	50Hz		

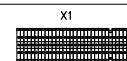
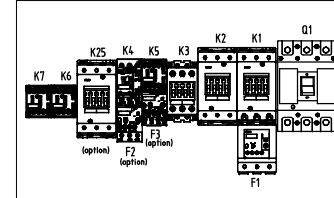
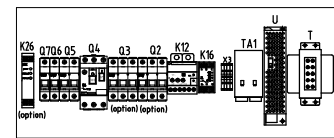




Connect to alarm
light: yell, gre, red



Separated control box



Lower mount plate

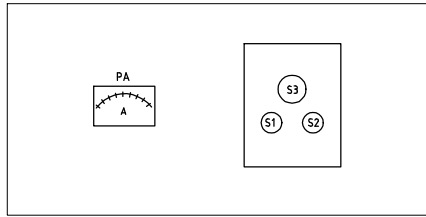
X4: 24P heavy-duty connector

①	56	⑬	36
②	57	⑭	31
③	58	⑮	2
④	59	⑯	8
⑤	-V	⑰	12
⑥	+V	⑱	2
⑦	48	⑲	13
⑧	25	⑳	
⑨	24	㉑	
⑩	32	㉒	
⑪	33	㉓	
⑫	34	㉔	

19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	
8	12	2	13	31	2	59	58	57	56	4	26	32	33	34	36	V+	V-	48	
Full-receive alarm device(option)		Connect to indicator		Connect to safety switch S4		Connect to safety switch S5/S6		Connect to safety button S11		Connect to electric button S12		Connect to position limit switch S10		Connect to electric button S11		Connect to electric sensor		Connect to electric sensor	

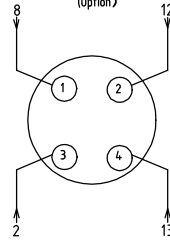
38	37	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	PE	PE		
31	2	59	58	57	56	4	26	32	33	34	36	V+	V-	48	8	12	2	13	-	+	43	44	U5	V5	PE	U4	V4	W4	PE	U3	V3	W3	PE	U2	V2	W2	U1	V1	W1	PE	PE
Terminal board X2		Connect to ammeter		Connect to conveying belt control wire (option)		Connect to conveying belt handspike		Connect to electronic handspike		Connect to conveying belt dust-removing motor(option)		Connect to conveying motor		Connect to granulating motor		Connect to wire of power		Connect to ground																							

机型版本	Ver.E	Notes: When not opted for the safety relay, change terminal 56 to 4, and terminal 25 to 4, and don't connect the terminal 58 and 59.					制图	黄振杰	版号	E	标题	SG-5080	图号	SG-5080B-GB-400V-E-8	比例	第 8 张
						设计	黄振杰	核准		电气元件布置图一			标准	GB	共 13 张	
						校对		核准					机器电压	3φ400V		
标记	更改前	更改后	更改人	日期	审核	日期	20220805			SHINI	信易电热机械股份有限公司	Shini Plastics Technologies, Inc.	机器频率	50Hz		

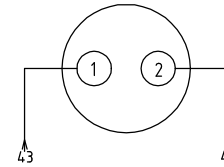


Control Box Top

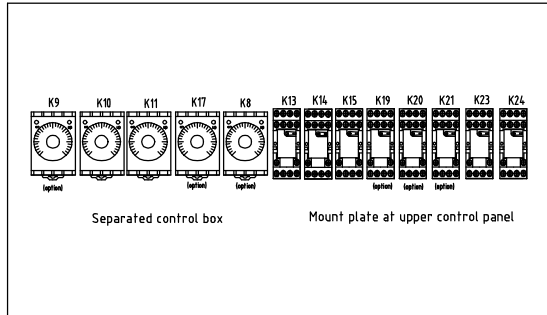
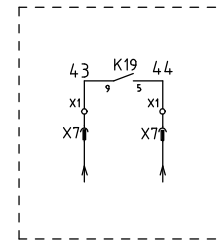
X10 Metal Connector Wiring Diagram
Connect to full mat. alarm device
(Option)



X7 Metal Connector Wiring Diagram
Connect to belt conveyor
(Option)



Optional belt conveyor control contact wiring diagram



机型版本 Ver.E

					制图	黄振杰	版号	E
					设计	黄振杰	核	
					校对		准	
标记	更改前	更改后	更改人	日期	审核		日期	20220805

标题 SG-5080B
电气元件布置图二

图号 SG-5080B-GB-400V-E-9


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

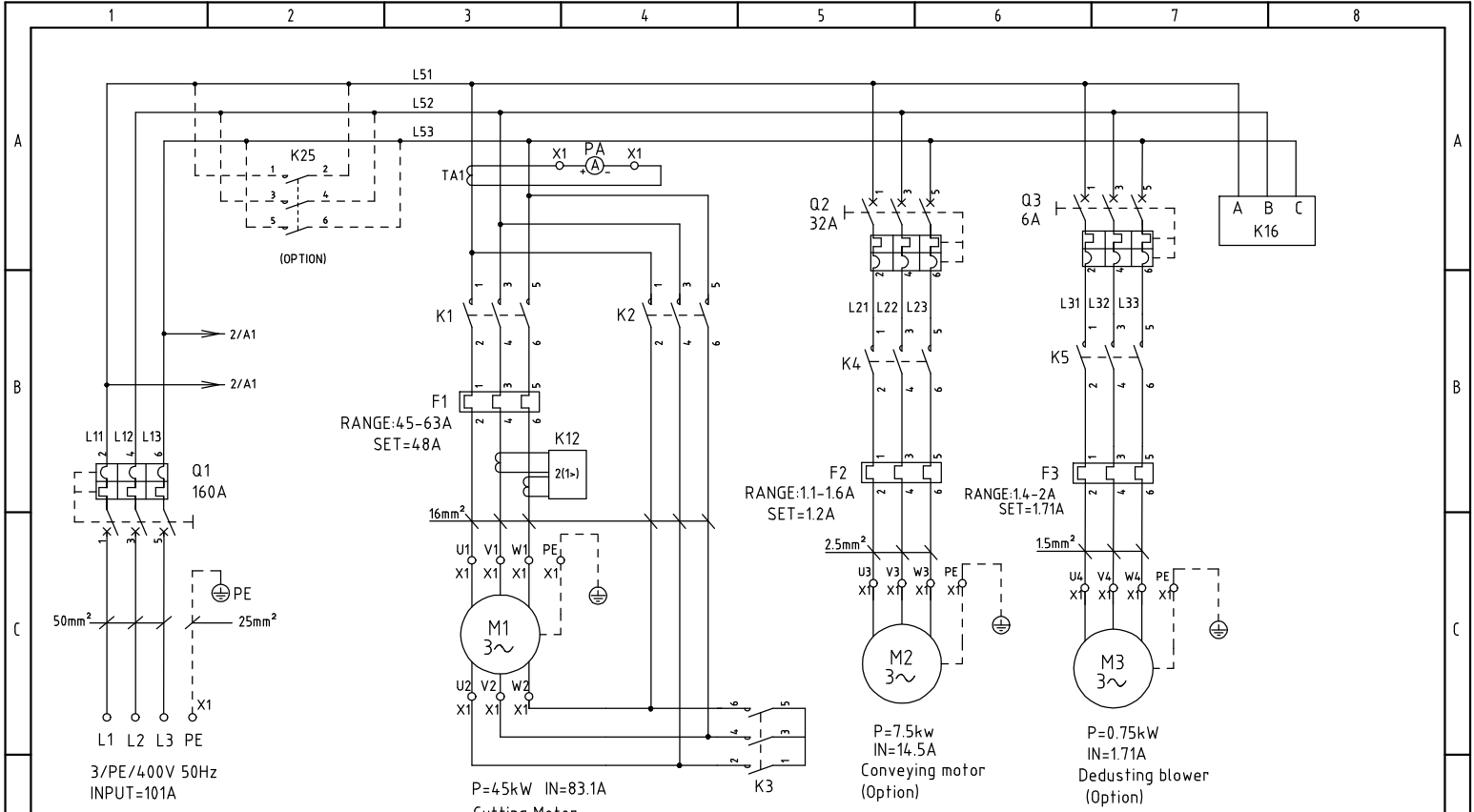
比例	第 9 张
标准 GB	共 13 张
机器电压	3φ400V
机器频率	50Hz

1		2		3		4		5		6		7		8	
NO.	Symbol	Name		Manufacturer		Type		Specification		Number	Material number		Remark		
1	Q1	Breaker interlock		TECO		TAX-125L3125 3P		125A		1	YE40125301100				
2		Circuit breaker ext. handler		TECO		FB1R-CS1-C-D1 (TAX-125)		----		1	YE90111100300				
3	Q2	Circuit breaker		TECO		BM-63C/3032S		32A		1	YE40303203000		(2)		
4	Q3	Circuit breaker		TECO		BM-63C/3006S		6A		1	YE40300603000		(4)		
5	Q4	Thermomagnetic circuit breaker		CHNT		NS2-25		1.6-2.5A		1	YE10162500100				
6	Q5	Circuit breaker		TECO		BM-63C/2003S 2P		3A		1	YE40200203000				
7	Q6	Circuit breaker		TECO		BM-63C/1010S 1P		10A		1	YE40101000100				
8	Q7	Circuit breaker		TECO		BM-63C/1003S 1P		3A		1	YE40100203000				
9	K1,K2	Contactor		SIEMENS		3RT5036-1AC20		50A 24VAC 50/60Hz		2	YE00503602600				
10		Auxiliary contact		SIEMENS		3RH5921-1CA10		1NO		1	YE00592110000				
11	K3	Contactor		SIEMENS		3RT5035-1AC20		40A 24VAC 50/60Hz		1	YE00503502600				
12		Auxiliary contact		SIEMENS		3RH5921-1CA10		1NO		1	YE00592110000				
13		Auxiliary contact		SIEMENS		3RH5921-1CA01		1NC		3	YE00592110100				
14		Auxiliary contact		SIEMENS		3RH5921-1CA10		1NO		1	YE00592110000		(5)		
15	K4	Contactor		SIEMENS		3RT6027-1AC20		32A 24VAC 50/60Hz		1	YE00602702600		(2)		
16		Auxiliary contact		SIEMENS		3RH6911-1AA10		1NO		1	YE00691110000		(2)		
17	K5	Contactor		SIEMENS		3RT6015-1AB01		7A 24VAC 50/60Hz		1	YE00601502500		(4)		
18	K6,K7	Contactor		SIEMENS		3RT6015-1AB02		7A 24VAC 50/60Hz		2	YE00601502600				
19	K9	Timer		YUYUN		TRF-N/3M		24VAC		1	YE86032400000		(2)		
20	K10	Timer		YUYUN		TH3A-NAB/60S		24VAC		1	YE86602400300				
21	K11	Timer		YUYUN		TH3A-NAB/3S~60M		24VAC		1	YE86123000000				
22	K13,K14,K23	Middle relay		Honeywell		GR-2C-AC24V		24VAC		3	YE03022400300				
23	K14	Middle relay		Honeywell		GR-4C-AC24V		24VAC		1	YE03042400300		(5)		
24	K15	Middle relay		WEIDMULLER		DRM270024LT		24VDC		1	YE03272400000				
25	K12	Current relay		SCHNEIDER		LT4760M7A		220VAC 5-60A		1	YE04047600000				
机型版本 Ver.E Notes:(1)Materials not in the control box;(2)Optional conveying blower;(3)Optional full mat. alarm ;(4)Optional dedust blower; (5) Used with optional belt conveyor;(6) Optional Safety relay.															
制图		黄振杰		版号		E		标题		SG-5080B		图号		比例	
设计		黄振杰		核准				电气元件明细表一		SG-5080B-GB-400V-E-10		标准		第 10 张	
校对												GB		共 13 张	
标记		更改前		更改后		更改人		日期		20220805		机器电压		3φ400V	
												机器频率		50Hz	



1		2		3		4		5		6		7		8	
NO.	Symbol	Name		Manufacturer		Type		Specification		Number	Material number		Remark		
26	K16	Phase disorder protector		CHAOSHI		ABJ1-10-460		400VAC 50/60Hz		1	YE85104600000				
27	K17	Timer		YUYUN		TRF-N/3M		24VAC		1	YE86032400000		(5)		
28	K18	Timer		YUYUN		TH3A-NAB/60S		24VAC		1	YE86602400300		(5)		
29	K19,K20,K21	Middle realy		Honeywell		GR-2C-AC24V		24VAC		3	YE03022400300		(5)		
30	K25	Contactor		SIEMENS		3RT5046-1AC20		24V 50/60Hz		1	YE00504602600		(6)		
31		Auxiliary Contactor		SIEMENS		3RH5921-1CA01		1NC		1	YE00592110100		(6)		
32	K26	Safety relay		PILZ		PNOZx2.8P		24V AC/DC		1	YE04023000000		(6)		
33		Auxiliary Contactor		SIEMENS		3RH6911-1HA11		1NO+1NC		4	YE00691110100		(6)		
34	F1	Overload relay		SIEMENS		3RU5136-4GB0		36-45A		1	YE01612660000				
35	F2	Overload relay		SIEMENS		3RU6126-4BB0		14-20A		1	YE01260140000		(2)		
36	F3	Overload relay		SIEMENS		3RU6116-1BB0		1.4-2A		1	YE01160140000		(2)		
37	K24	Middle relay		Honeywell		GR-2C-AC24V		24VAC		1	YE03022400300				
38	H2	Three-color alarm lamp		SHINI		Red, green, yellow lights + buzzer		24VAC/DC 50/60Hz		1	BL90002401520		(1)		
39	TA1	Current mutual transformer		RATIO		RQT-10		100/5A		1	YE04100500000				
40	PA	Ammeter		SFIM		DH-670		100/5A		1	YE25671000000		(1)		
41	H4	Indicator		ABB		CL2-502G		24VAC GREEY		1	YE83050200100		(1)		
42	S1(H1),S11,S12	Start button		SCHNEIDER		XB2BW33B1C		24VAC		3	YE11233100000		(1)		
43	S2	Stop botton		SCHNEIDER		XB2BA22C		400VAC		1	YE11222000000		(1)		
44	S3	Emergency stop botton		SCHNEIDER		XB2BS542C		400VAC		1	YE11254200000		(1)		
45		Contact block		SCHNEIDER		ZB2BE102C		1NC		1	YE00210203100		(1)(6)		
46	MS	Material level switch		SIPAI		SR-80		24VAC		1	YE15802400100		(1)(3)		
47	H3	Buzzer		TEND		EA-2		24VAC		1	YE84240200000		(1)(3)		
48	S4-S6	Safety switch		SCHMERSAL		AZ 15ZVK-1476		AC-15		3	YE16147600100		(1)		
49	S5-S6	Safety switch		SCHMERSAL		AZ 15ZVK-1476		AC-15		2	YE16147600100		(1)(6)		
50	S4	Safety switch		SCHMERSRC		AZ16-02ZVRK-1476		AZ-16		1	YE16147600000		(1)(6)		
机型版本 Ver.E Notes:(1)Materials not inthe control box;(2)Optional conveying blower;(3)Optional full mat. alarm ;(4)Optional dust blower; (5) Used with optional belt conveyor;(6) Optional Safety relay.															
制图		黄振杰		版号		E		标题		SG-5080B		图号		比例	
设计		黄振杰		核				电气元件明细表二		SG-5080B-GB-400V-E-11		标准		GB	
校对				准								机器电压		3φ400V	
标记		更改前		更改后		更改人		日期		20220805		机器频率		50Hz	

1		2		3		4		5		6		7		8	
NO.	Symbol	Name		Manufacturer	Type		Specification		Number	Material number		Remark			
51	S9	Inductive sensor		DELIN	DL-12		24VDC		1	YE15122400000		(1)			
52	S10	Limit switch		SCHMERSAL	ZS 336-11Z		----		1	YE14332100000		(1)			
A	53	T	Sensor thtransformer		BAIYUN	IN=400V/415V OUT=24/230V		350VA / 1500MA		1	YE70040008000				
	54	U	DC power		MEAN WELL	NES-35-24		OUT=24VDC 1.5A		1	YE71352400100				
	55	X1			Honeywell	GK35PE		35mm ² PE		1	YE60003503500				
	56				Honeywell	GK10		10mm ²		6	YE60001003200				
	57				Honeywell	GK10PE		10mm ² PE		1	YE60001003500				
	58				Honeywell	SK2.5		2.5mm ²		18	YE60002503200				
	59				Honeywell	GK2.5PE		2.5mm ² PE		1	YE60002503400				
	60				Honeywell	SK2.5		2.5mm ²		3	YE60002503200		(2)		
	61				Honeywell	GK2.5PE		2.5mm ² PE		1	YE60002503400		(2)		
	62				Honeywell	SK2.5		2.5mm ²		5	YE60002503200		(4)		
	63				Honeywell	GK2.5PE		2.5mm ² PE		1	YE60002503400		(4)		
	64				Honeywell	SK2.5		2.5mm ²		4	YE60002503200		(3)		
	65				Honeywell	SK2.5		2.5mm ²		2	YE60002503200		(5)		
	66	X2	Terminal board		Honeywell	SK2.5		2.5mm ²		13	YE60002503200				
	67	X4	Heavy duty connector		HARTING	24P+PE(Male)		24P		2	YE68002406300		(1)		
	68	X4	Heavy duty connector		HARTING	24P+PE(Female)		24P		2	YE68002407300		(1)		
	69	X3	Terminal board		Honeywell	SK2.5		2.5mm ²		4	YE60002503200				
	70	X7	Metal connector		SHINI	PLT-162-RR(Male)		2P		1	YE68016200100		(1)(5)		
	71	X10	Metal connector		SHINI	PLT-254-PM		4P		1	YE68025400000		(1)(3)		
	72				----	PLT-254-RF		4P		1	YE68025400100		(1)(3)		
	73	M1	Cutting motor		----	----		400V 50Hz 37KW		1	----		(1)		
	74	M2	Conveying blower		SHINI	----		400V 50Hz 7.5KW		1	----		(1)(2)		
	75	M3	Dedusting blower		SHINI	----		400V 50Hz 0.75KW		1	----		(1)(4)		
机型版本 Ver.E Notes:(1)Materials not inthe control box;(2)Optional conveying blower;(3)Optional full mat. alarm ;(4)Optional dedust blower; (5) Used with optional belt conveyor;(6) Optional Safety relay.															
D					制图	黄振杰	版本号	E	标题	SG-5080B	图号		比例	第 12 张	
					设计	黄振杰	核		电气元件明细表三	SG-5080B-GB-400V-E-12		标准	GB	共 13 张	
					校对		准				信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		机器电压	3φ400V	
标记	更改前	更改后	更改人	日期	审核		日期	20220805					机器频率	50Hz	
1		2		3		4		5		6		7		8	



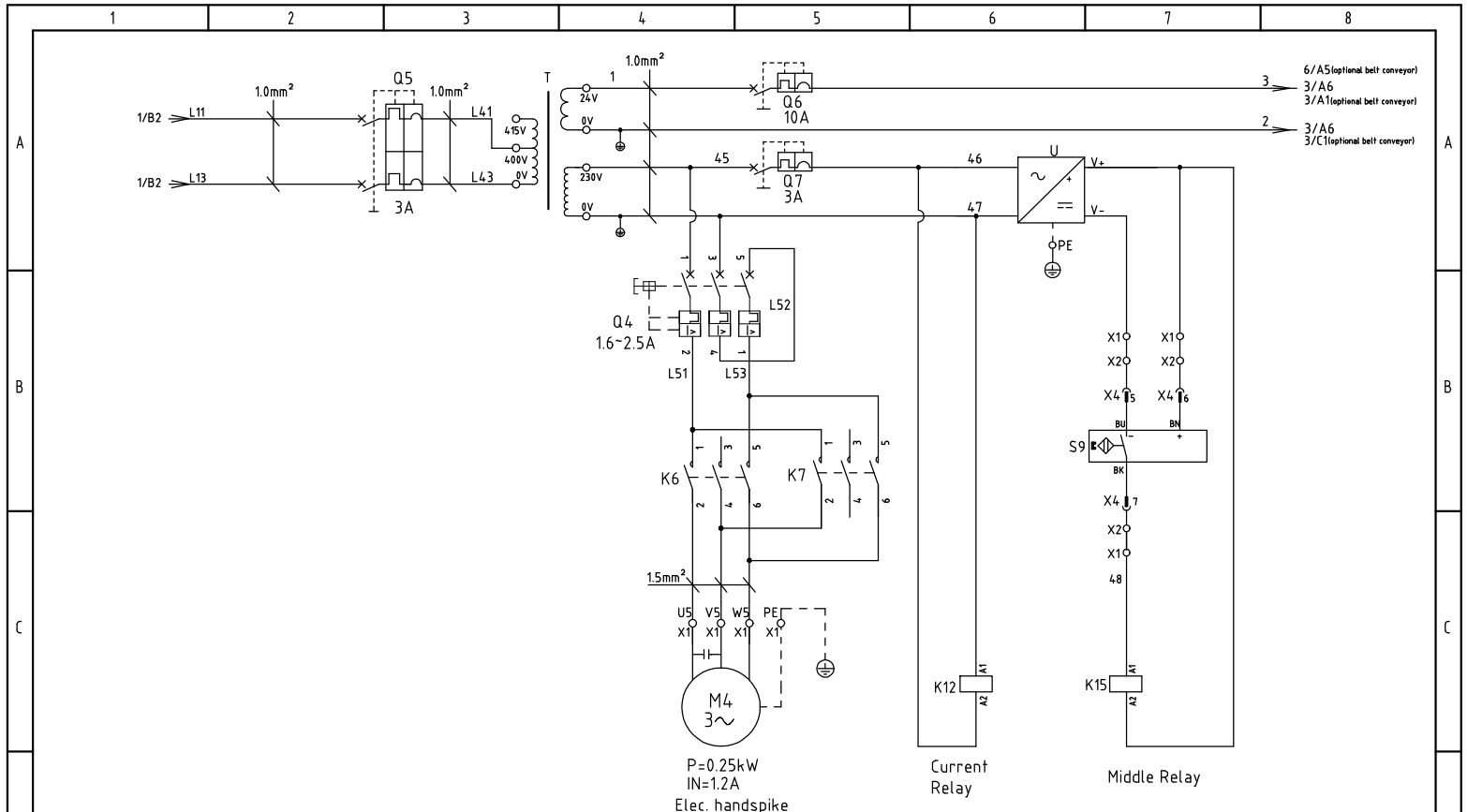
机型版本 Ver.E

制图	黄振杰	版号	E
设计	黄振杰	核准	
校对		核准	
标记	更改前	更改后	更改人
	日期	审核	日期
			20220805

标题 SG-50110 主电路图一
图号 SG-50110-CE-400V-E-1

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

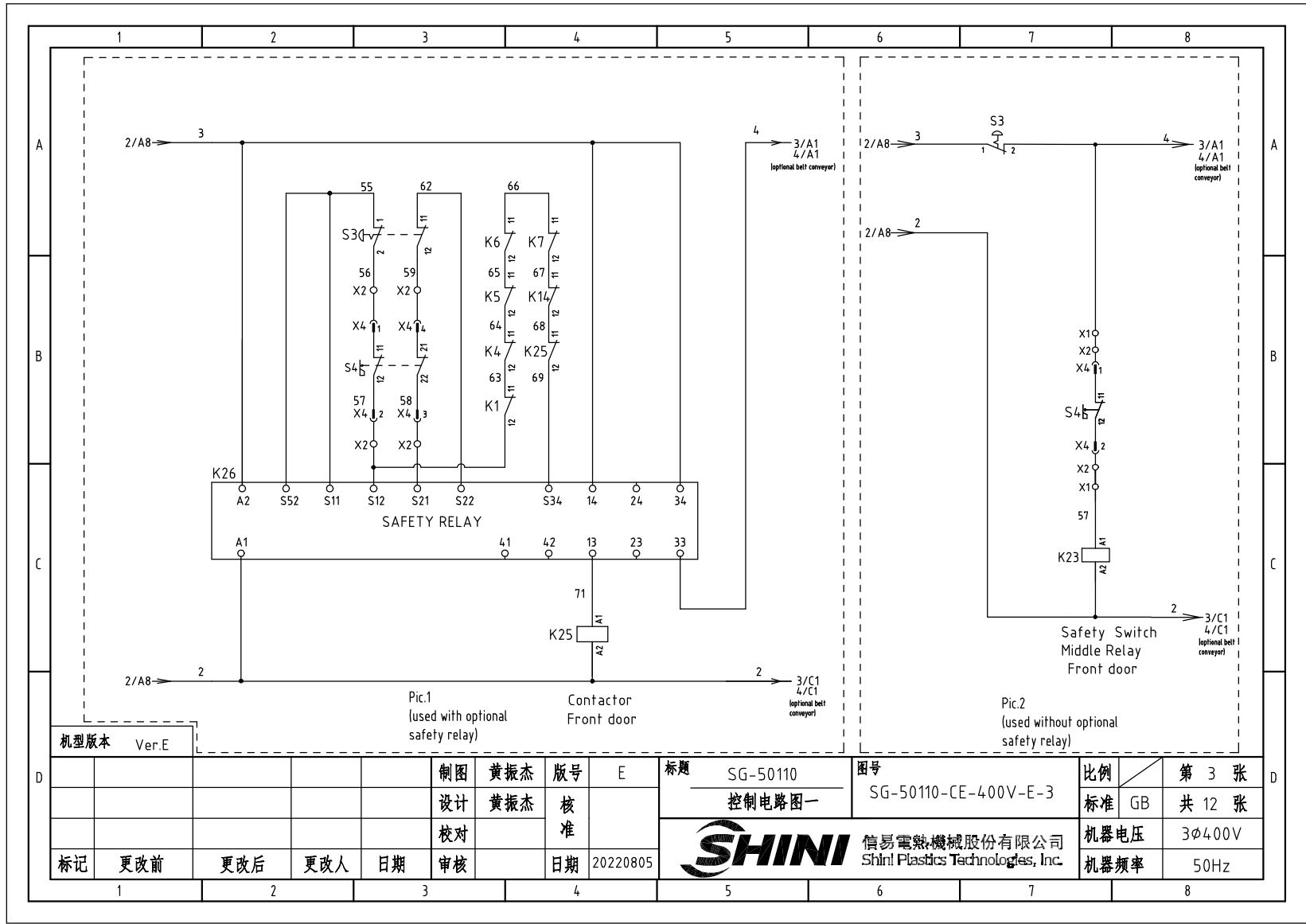
比例	第 1 张
标准 CE	共 12 张
机器电压	3φ400V
机器频率	50Hz



机型版本 Ver.E

制图	黄振杰	版号	E
设计	黄振杰	核准	
校对		核准	
标记	更改前	更改后	更改人
	日期	日期	日期

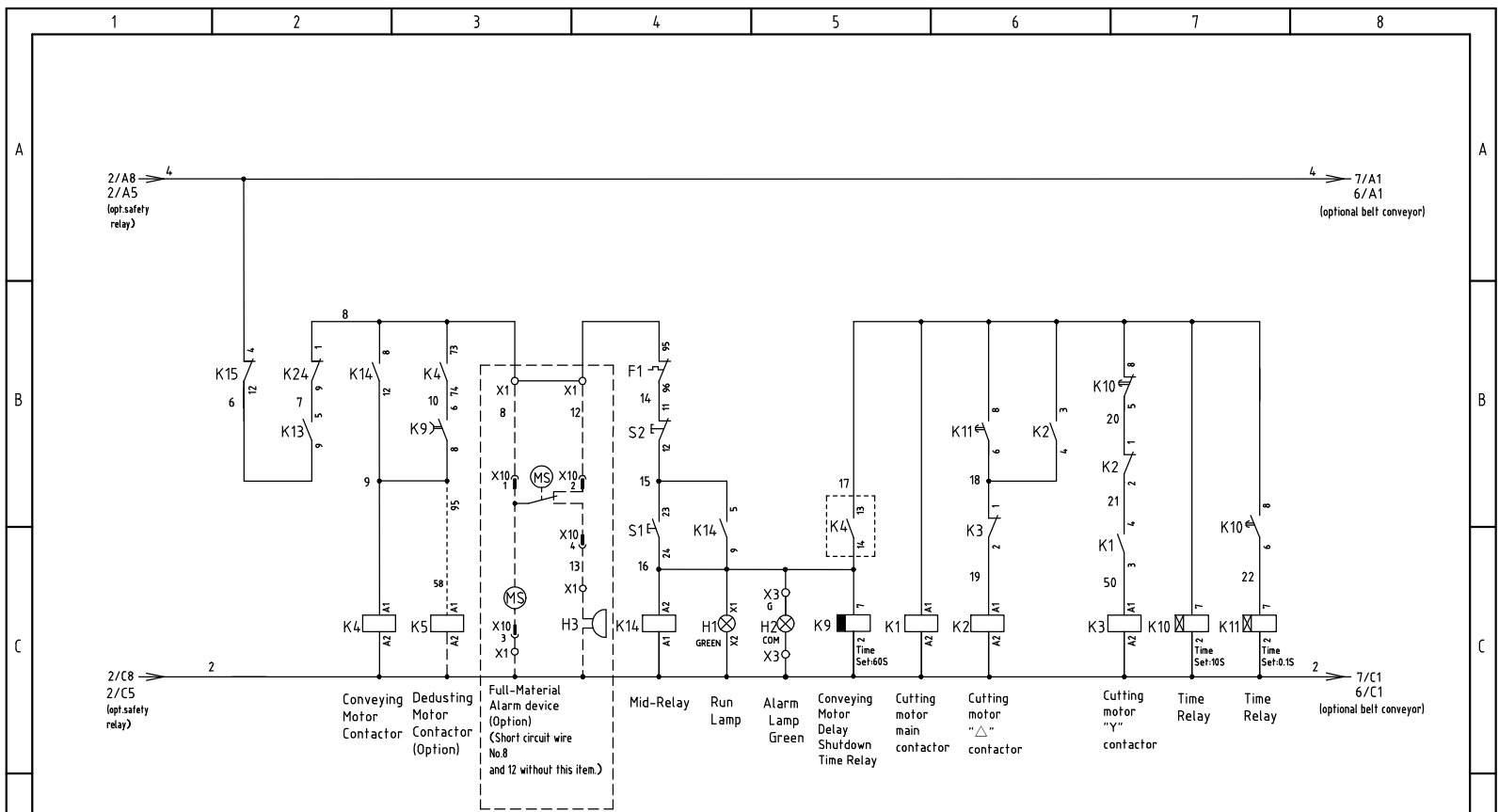
标题	SG-50110 主电路图二	图号	SG-50110-CE-400V-E-2
 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		比例	第 2 张
		标准	CE 共 12 张
		机器电压	3φ400V
		机器频率	50Hz




机型版本 Ver.E

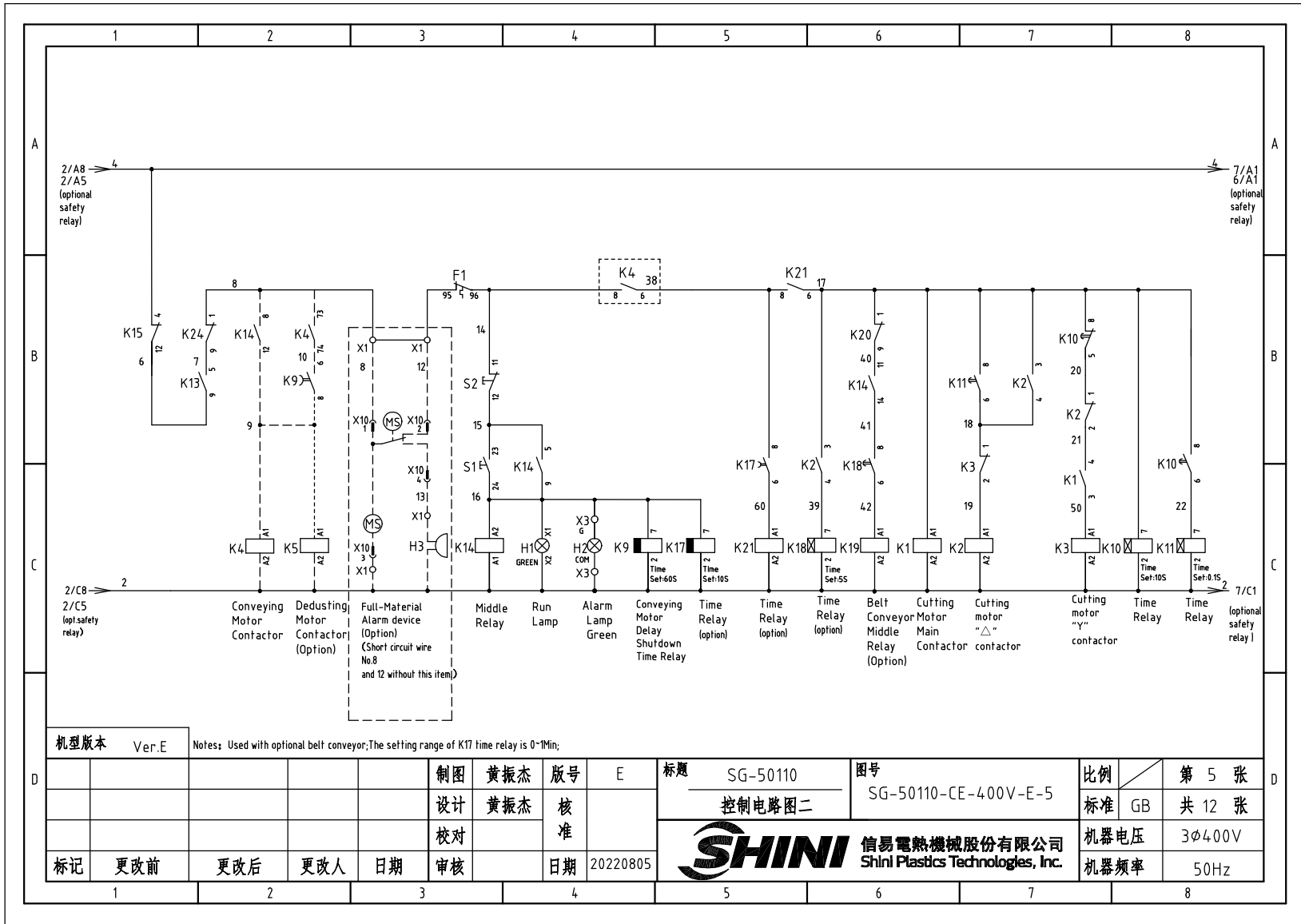
制图	黄振杰	版号	E
设计	黄振杰	核	
校对		准	
标记	更改前	更改后	更改人
	日期	日期	日期
		20220805	

标题	SG-50110	图号	SG-50110-CE-400V-E-3
控制电路图一			
信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		比例	第 3 张
		标准	共 12 张
		机器电压	3φ400V
		机器频率	50Hz



机型版本 Ver.E Note: Used without optional belt conveyor.

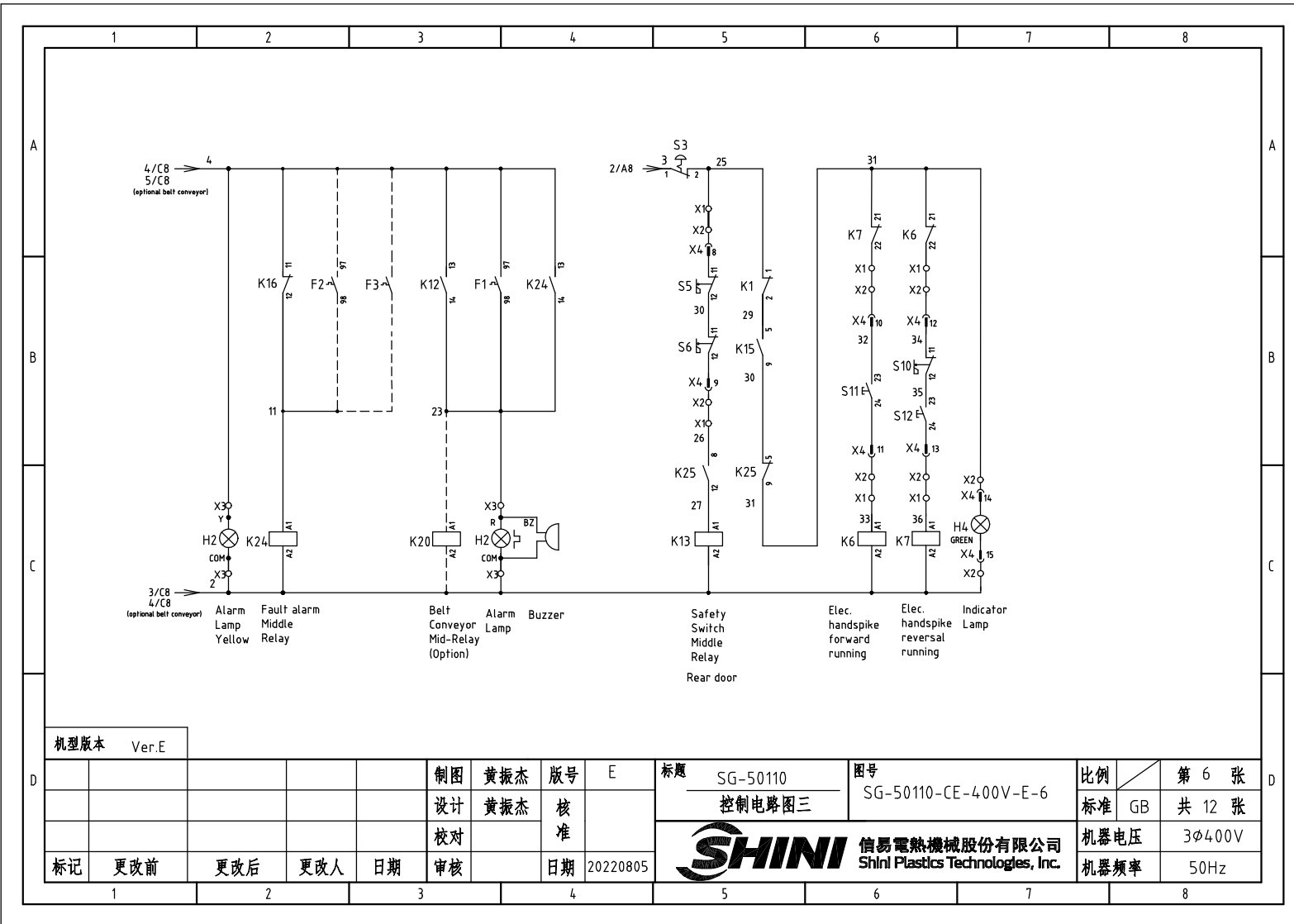
D				制图	黄振杰	版号	E	标题	SG-50110	图号	SG-50110-CE-400V-E-4	比例	第 4 张	D
				设计	黄振杰	核		控制电路图一		标准	GB	共 12 张		
				校对		准		 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		机器电压		3φ400V		
标记	更改前	更改后	更改人	日期	审核	日期	20220805			机器频率		50Hz		
1	2	3	4	5	6	7	8							



机型版本 Ver.E Notes: Used with optional belt conveyor; The setting range of K17 time relay is 0~1Min;

制图	黄振杰	版号	E
设计	黄振杰	核准	
校对		审核	
标记	更改前	更改后	更改人
	1	2	3
			日期
			20220805

标题	SG-50110	图号	SG-50110-CE-400V-E-5
控制电路图二		比例	第 5 张
		标准	GB 共 12 张
SHINI 信易电热机械股份有限公司 Shini Plastics Technologies, Inc.		机器电压	3φ400V
		机器频率	50Hz



机型版本 Ver.E

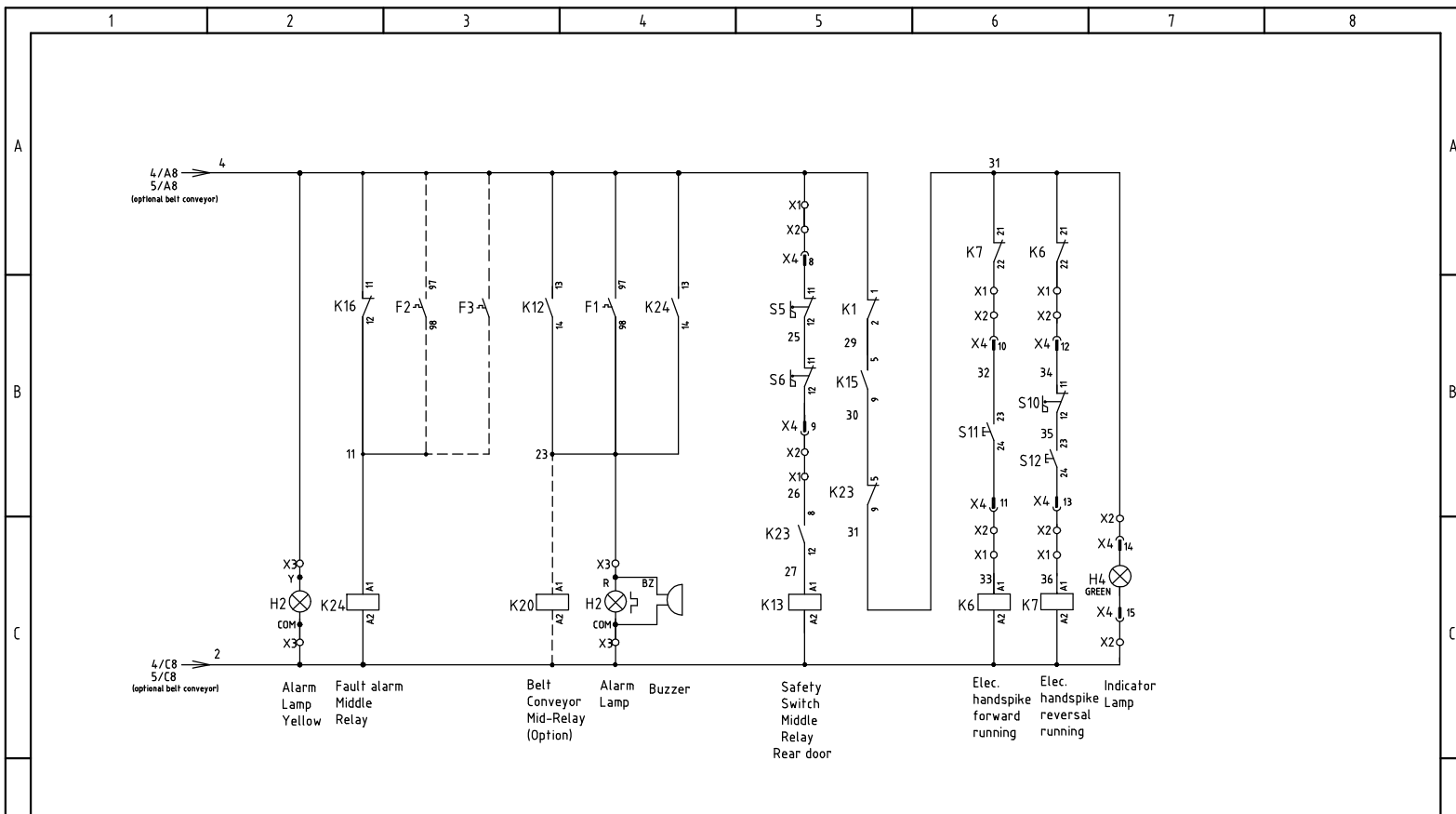
制图	黄振杰	版号	E
设计	黄振杰	核准	
校对		核准	
标记	更改前	更改后	更改人
	日期	审核	日期
			20220805

标题 SG-50110
控制电路图三


图号 SG-50110-CE-400V-E-6

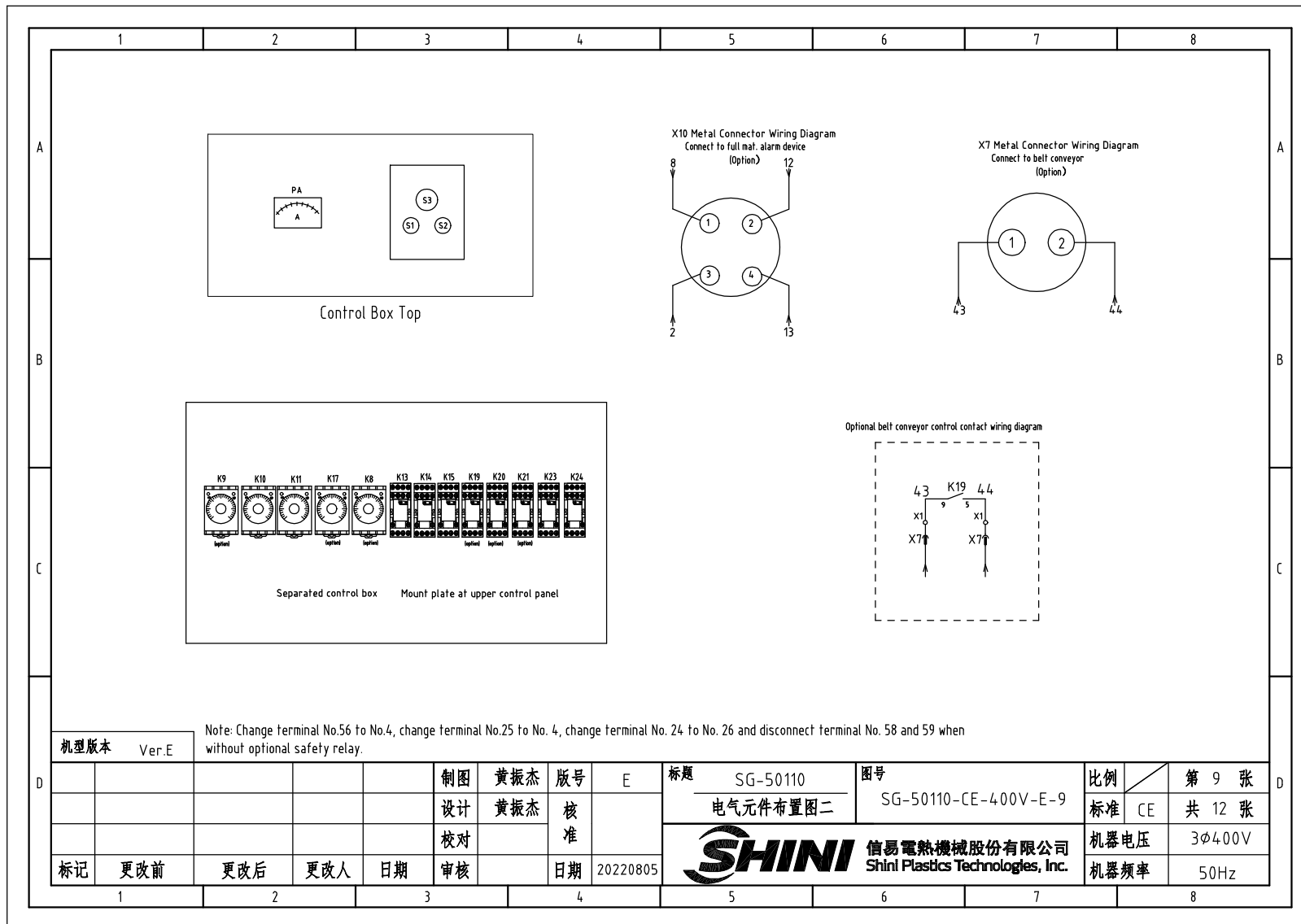


比例	第 6 张
标准	GB 共 12 张
机器电压	3φ400V
机器频率	50Hz



机型版本 Ver.E

					制图	黄振杰	版号	E	标题	SG-50110	图号	SG-50110-CE-400V-E-7	比例	第 7 张
					设计	黄振杰	核		控制电路图三		标准		GB	共 12 张
					校对		准		 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		机器电压		3φ400V	
标记	更改前	更改后	更改人	日期	审核	日期	20220805	机器频率			50Hz			




Note: Change terminal No.56 to No.4, change terminal No.25 to No. 4, change terminal No. 24 to No. 26 and disconnect terminal No. 58 and 59 when without optional safety relay.

机型版本 Ver.E

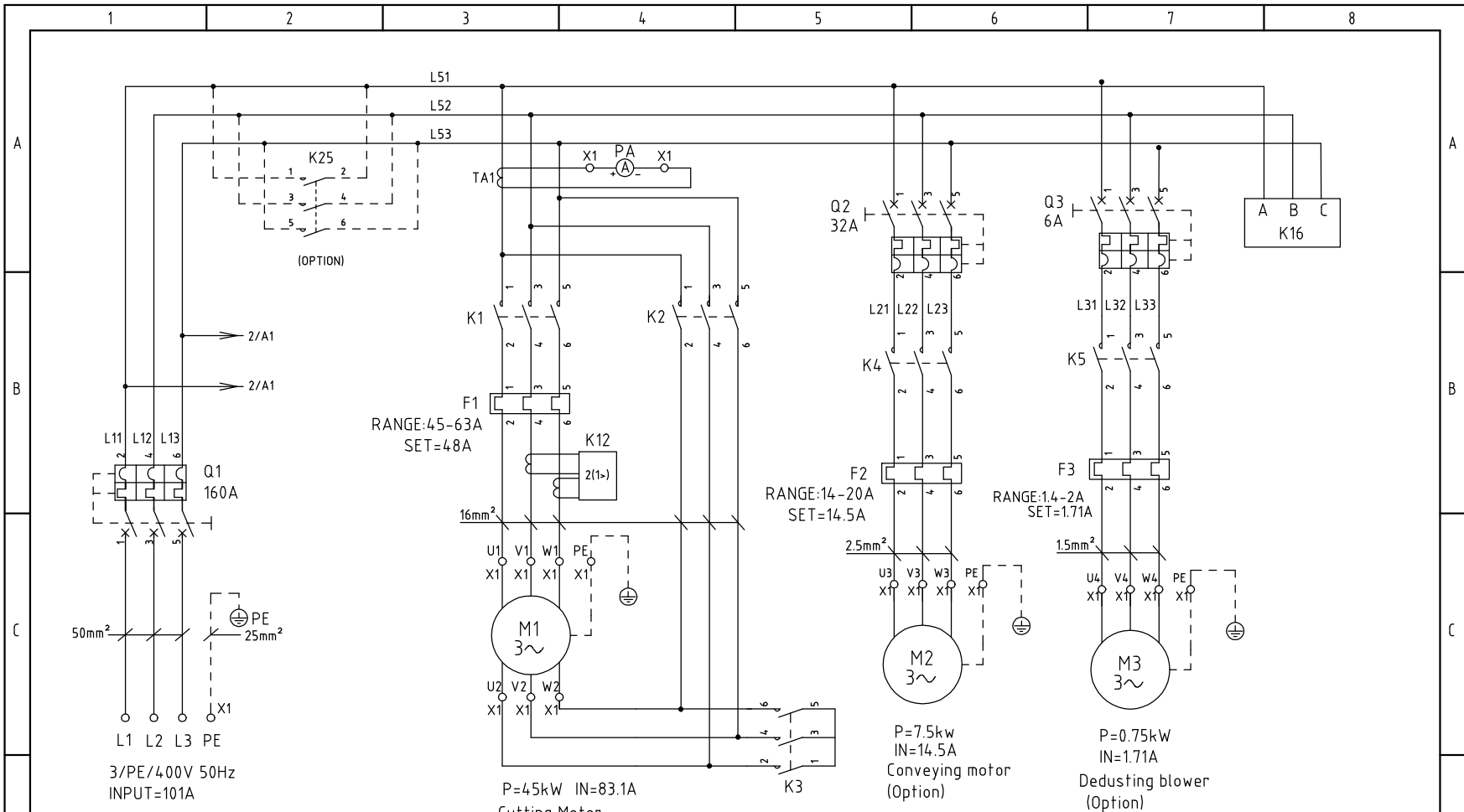
制图		黄振杰		版号		E		标题		SG-50110		图号		比例		第 9 张	
设计		黄振杰		核				电气元件布置图二		SG-50110-CE-400V-E-9		标准		CE		共 12 张	
校对				准						信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		机器电压		3φ400V			
标记		更改前		更改后		更改人						日期		审核		机器频率	
1		2		3		4		5		6		7		8			

20220805

1		2		3		4		5		6		7		8	
NO.	Symbol	Name		Manufacturer	Type		Specification		Number	Material number		Remark			
1	Q1	Plastic shell circuit breaker		TECO	TAX-250L3160		160A		1	YE40250300400					
2		External operating handle		TECO	FB2R-CS1-C-D1		----		1	YE90211200300					
3	Q2	Circuit breaker		TECO	BM-63C/3032S		32A		1	YE40303203000					
4	Q3	Circuit breaker		TECO	BM-63C/3006S		6A		1	YE40300603000		(3)			
5	Q4	Thermomagnetic circuit breaker		CHNT	NS2-25		1.6-2.5A		1	YE10162500100					
6	Q5	Circuit breaker		TECO	BM-63C/2003S 2P		3A		1	YE40200203000					
7	Q6	Circuit breaker		TECO	BM-63C/1010S 1P		10A		1	YE40101000100					
8	Q7	Circuit breaker		TECO	BM-63C/1003S 1P		3A		1	YE40100203000					
9	K1,K2	Contactor		SIEMENS	3RT5044-1AC20		65A 24VAC 50/60Hz		2	YE00504402600					
10		Auxiliary contact		SIEMENS	3RH5921-1CA10		1NO		1	YE00592110000					
11	K3	Contactor		SIEMENS	3RT5036-1AC20		50A 24VAC 50/60Hz		1	YE00503602600					
12		Auxiliary contact		SIEMENS	3RH5921-1CA10		1NO		1	YE00592110000					
13		Auxiliary contact		SIEMENS	3RH5921-1CA01		1NC		3	YE00592110100					
14		Auxiliary contact		SIEMENS	3RH5921-1CA10		1NO		1	YE00592110000		(4)			
15	K4	Contactor		SIEMENS	3RT6027-1AC20		32A 24VAC 50/60Hz		1	YE00602702600					
16		Auxiliary Contactor		SIEMENS	3RH6911-1AA10		1NO		1	YE00691110000					
17	K5	Contactor		SIEMENS	3RT6015-1AB01		7A 24VAC 50/60Hz		1	YE00601502500		(3)			
18	K6,K7	Contactor		SIEMENS	3RT6015-1AB02		7A 24VAC 50/60Hz		2	YE00601502600					
19	K9	Timer		YUYUN	TRF-N		24VAC		1	YE86032400000					
20	K10	Timer		YUYUN	TH3A-NAB/60S		24VAC		1	YE86602400300					
21	K11	Timer		YUYUN	TH3M-NAB/3S-60M		24VAC		1	YE86123000000					
22	K13,K14,K23	Middle relay		Honeywell	GR-2C-AC24V		24VAC		3	YE03022400300					
23	K14	Middle relay		Honeywell	GR-4C-AC24V		24VAC		1	YE03042400300		(4)			
24	K15	Middle relay		WEIDMULLER	DRM270024LT		24VDC		1	YE03272400000					
25	K12	Current relay		SCHNEIDER	HDER-LTA		220VAC 5-60A		1	YE00560200100					
机型版本 Ver.E Notes:(1)Materials not in the control box;(2)Optional full mat. alarm ;(3)Optional de-dust blower; (4) Used with optional belt conveyor;(6) Optional Safety relay.															
制图		黄振杰		版号		E		标题		SG-50110		图号		第 10 张	
设计		黄振杰		核				电气元件明细表一		SG-50110-CE-400V-E-10		标准		CE 共 12 张	
校对				准				 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		机器电压		3ø400V			
审核				日期		20220805				机器频率		50Hz			
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			
26	K16	Phase disorder protector		CHAOSHI	ABJ1-12W		380VAC 50/60Hz		1	YE03103800000					
27	K17	Timer		YUYUN	TRF-N		24 VAC		1	YE86032400000		(4)			
28	K18	Timer		YUYUN	TH3A-NAB/60S		24 VAC		1	YE86602400300		(4)			
29	K19,K20,K21	Middle realy		Honeywell	GR-2C-AC24V		24 VAC		3	YE03022400300		(4)			
30	K25	Contactor		SIEMENS	3RT5046-1AC20		24V 50/60Hz		1	YE00504602600		(5)			
31		Auxiliary contact		SIEMENS	3RH5921-1CA01		1NC		1	YE00592110100		(5)			
32	K26	Safety relay		PILZ	PNOZ×2.8P		24V AC/DC		1	YE04023000000		(5)			
33		Auxiliary contact		SIEMENS	3RH6911-1HA11		1NO+1NC		4	YE00691110100		(5)			
34	F1	Overload relay		SIEMENS	3RU5146-4JB0		45-63A		1	YE01514640000					
35	F2	Overload relay		SIEMENS	3RU6126-4BB0		14-20A		1	YE01260140000					
36	F3	Overload relay		SIEMENS	3RU6116-1BB0		1.4-2A		1	YE01160140000		(3)			
37	K24	Middle relay		Honeywell	GR-2C-AC24V		24 VAC		1	YE03022400300					
38	H2	Three-color alarm light		SHINI	red, gre.,yel.+buzzer		24VAC/DC 50/60Hz		1	BL90002401520		(1)			
39	TA1	Current mutual transformer		RATIO	RCT-35		150/5A		1	YE04150500000					
40	PA	Ammeter		SFIM	DH-670		150/5A		1	YE25671500000		(1)			
41	H4	Indicator light		ABB	CL2-502G		24VAC GREEY		1	YE83050200100		(1)			
42	S1(H1),S11,S12	Start button		SCHNEIDER	XB2BW33B1C		24VAC		3	YE11233100000		(1)			
43	S2	Stop button		SCHNEIDER	XB2BA22C		400VAC		1	YE11222000000		(1)			
44	S3	Emergency stop button		SCHNEIDER	XB2BS542C		400VAC		1	YE11254200000		(1)			
45		Contact block		SCHNEIDER	ZB2BE102C		1NC		1	YE00210203100		(1)(5)			
46	H3	Buzzer		TEND	EA-2		24VAC		1	YE84240200000		(1)(2)			
47	MS	Mat. level switch		SIPAI	SR-80		24VAC		1	YE15802400100		(1)(2)			
48	S4,S5,S6	Safety switch		SCHMERSAL	AZ 15ZVK-14.76		AC-15		2	YE16147600100		(1)			
49	S5-S6	Safety switch		SCHMERSAL	AZ 15ZVK-14.76		AC-15		2	YE16147600100		(1)(5)			
50	S4	Safety switch		SCHMERSRC	AZ16-02ZVRK-14.76		AZ-16		1	YE16147600000		(1)(5)			
机型版本 Ver.E Notes:(1)Materials not in the control box;(2)Optional full mat. alarm ;(3)Optional de-dust blower; (4) Used with optional belt conveyor;(6) Optional Safety relay.															
D				制图 黄振杰		版号 E		标题 SG-50110		图号 SG-50110-CE-400V-E-11		比例		第 11 张	
				设计 黄振杰		核准		电气元件明细表二		SG-50110-CE-400V-E-11		标准 CE		共 12 张	
				校对		核准				信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		机器电压		3φ400V	
标记		更改前		更改后		更改人						日期		20220805	
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			
51	S9	Inductive sensor		DELIN	DL-12		24VDC		1	YE151224.00000		(1)			
52	S10	Limit switch		SCHMERSAL	ZS 336-11Z		----		1	YE14332100000		(1)			
53	T	Mutual transformer		BAIYUN	IN=400V/4.15V OUT=24/230V		350VA / 1500MA		1	YE7004.0008000					
54	U	DC power		MEAN WELL	LRS-35-24		OUT=24VDC 1.5A		1	YE713524.00100					
55	X1	Terminal board		Honeywell	GK35PE		35mm ² PE		1	YE60003503500					
56				Honeywell	GK16		16mm ²		6	YE60001603200					
57				Honeywell	GK16PE		16mm ² PE		1	YE60001603500					
58				Honeywell	SK2.5		2.5mm ²		25	YE60002503200					
59				Honeywell	SK2.5		2.5mm ²		2	YE60002503200		(3)			
60				Honeywell	GK2.5PE		2.5mm ² PE		2	YE60002503400					
61				Honeywell	SK2.5		2.5mm ²		4	YE60002503200		(2)			
62				Honeywell	SK2.5		2.5mm ²		3	YE60002503200		(3)			
63				Honeywell	GK2.5PE		2.5mm ² PE		1	YE60002503400		(3)			
64				Honeywell	SK2.5		2.5mm ²		2	YE60002503200		(4)			
65	X2	Terminal board		Honeywell	SK2.5		2.5mm ²		13	YE60002503200					
66		Terminal fittings E/GK series					PCS		8.000	YE60000003900					
67	X4	Heavy duty connector		HARTING	24P+PE (plug)		24P		2	YE680024.06300		(1)			
68	X4	Heavy duty connector		HARTING	24P+PE (socket)		24P		2	YE680024.07300		(1)			
69	X7	Metal connector		SHINI	PLT-162-PR(socket)		2P		1	YE68016200100		(1)(4)			
70	X10	Metal connector		SHINI	PLT-254-PM		4P		1	YE680254.00000		(1)(2)			
71				----	PLT-254-RF		4P		1	YE680254.00100		(1)(2)			
72	M1	Motor		----	----		400V 50Hz 4.5KW		1	----		(1)			
73	M2	Blower		SHINI	----		400V 50Hz 7.5KW		1	----		(1)			
74	M3	Blower		SHINI	----		400V 50Hz 0.75KW		1	----		(1)(3)			
75	M4	Elec. handspike		----	----		230V 50Hz 0.25KW		1	----		(1)			
机型版本 Ver.E Notes:(1)Materials not in the control box;(2)Optional full mat. alarm ;(3)Optional de-dust blower; (4) Used with optional belt conveyor;(6) Optional Safety relay.															
标记		更改前	更改后	更改人	日期	制图	黄振杰	版号	E	标题	SG-50110	图号	SG-50110-CE-400V-E-12	比例	第 12 张
						设计	黄振杰	核		电气元件明细表三			标准	CE	共 12 张
						校对		准		 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		机器电压		3φ400V	
						审核		日期	20220805			机器频率		50Hz	



机型版本 Ver.E

制图	黄振杰	版号	E
设计	黄振杰	核准	
校对		核准	
标记	更改前	更改后	更改人
			日期
			日期
			20220805

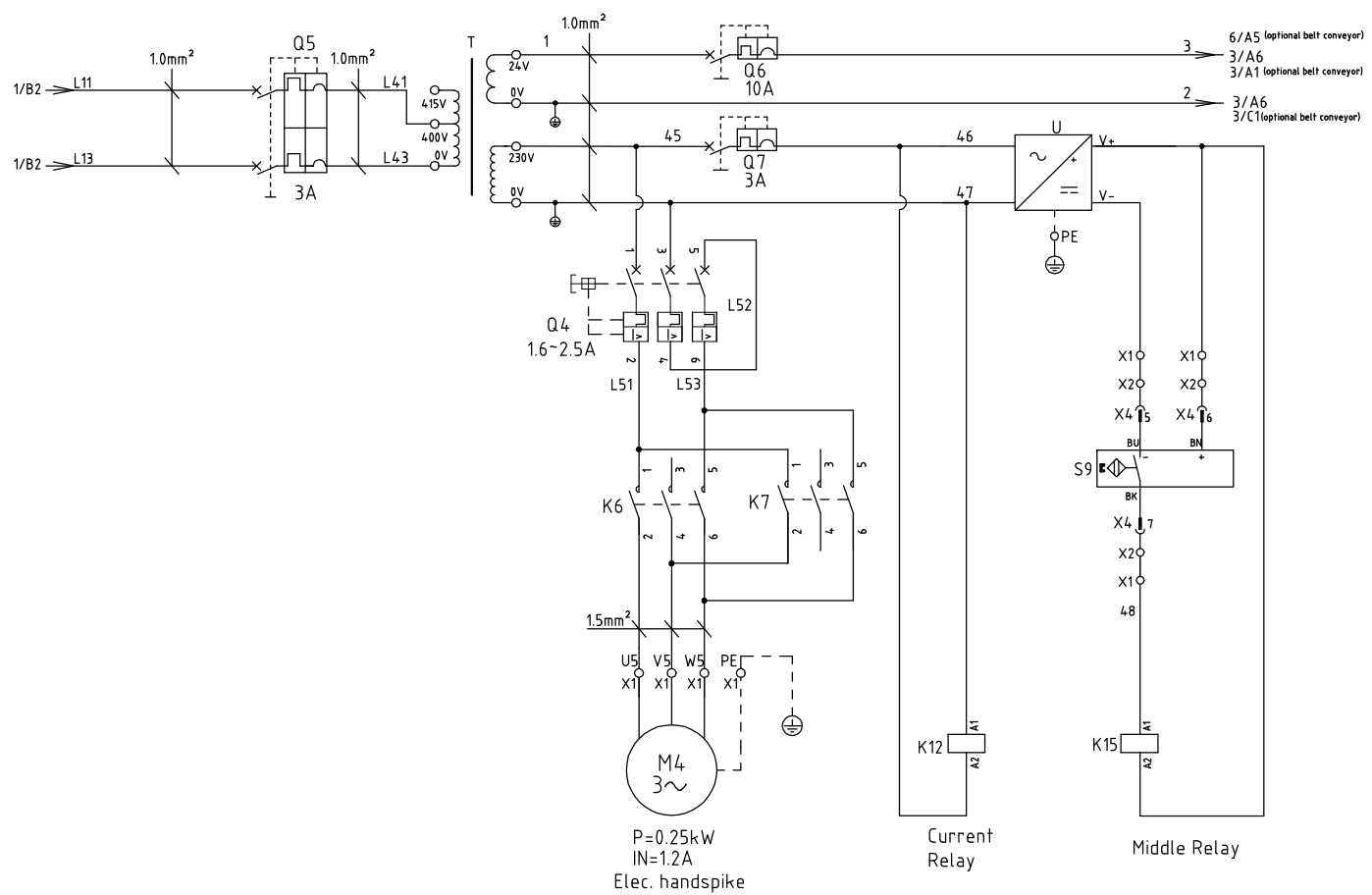
标题 SG-50110B
主电路图一

图号 SG-50110B-GB-400V-E-1

比例 第 1 张
标准 GB 共 13 张

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

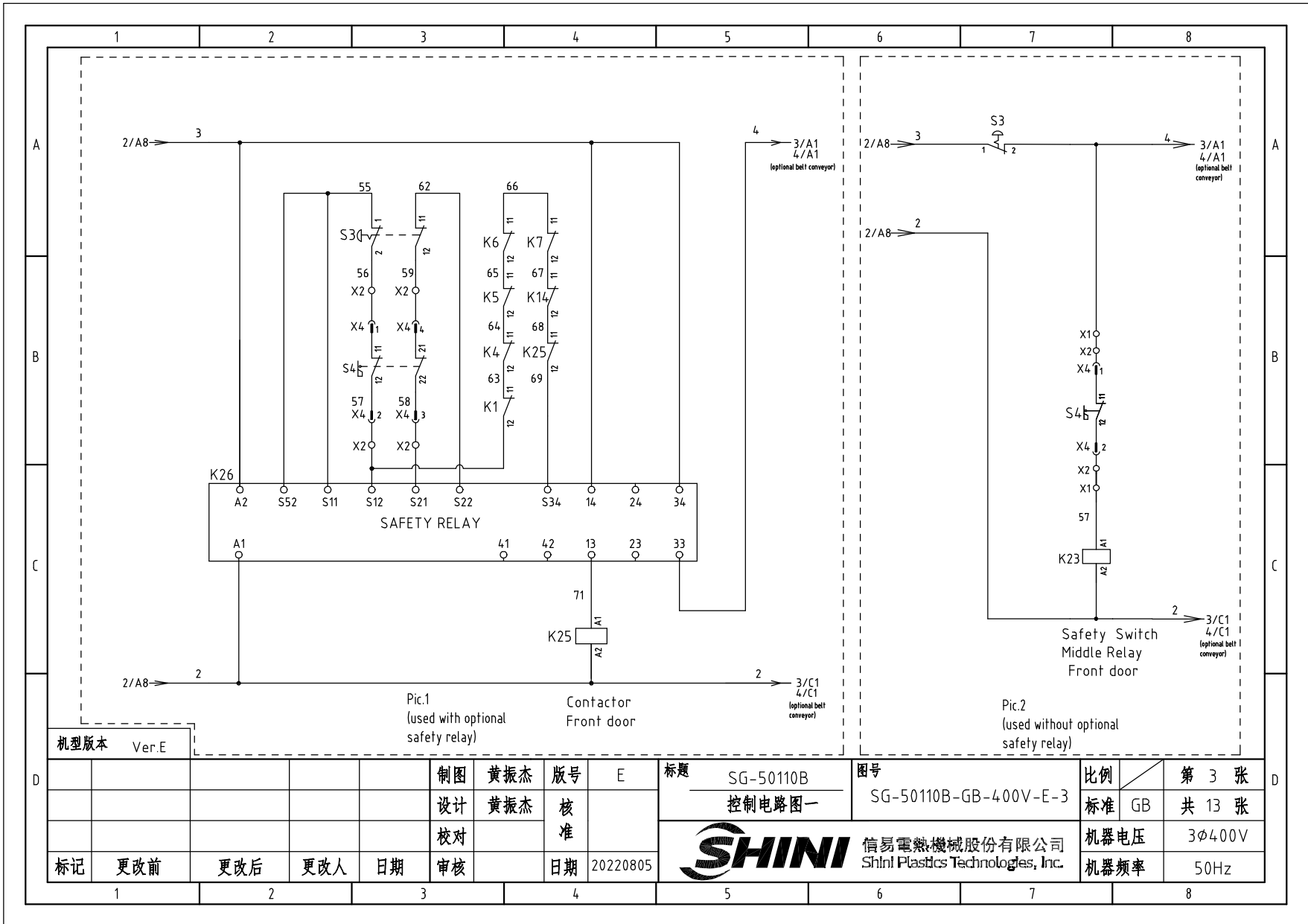
机器电压 3φ400V
机器频率 50Hz



机型版本 Ver.E

1	2	3	4	5	6	7	8
			制图 黄振杰	版号 E	标题 SG-50110B	图号 SG-50110B-GB-400V-E-2	比例 第 2 张
			设计 黄振杰	核准	主电路图二	标准 GB	共 13 张
			校对	核准		机器电压 3φ400V	
标记	更改前	更改后	更改人	日期	审核	日期 20220805	机器频率 50Hz

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



机型版本 Ver.E

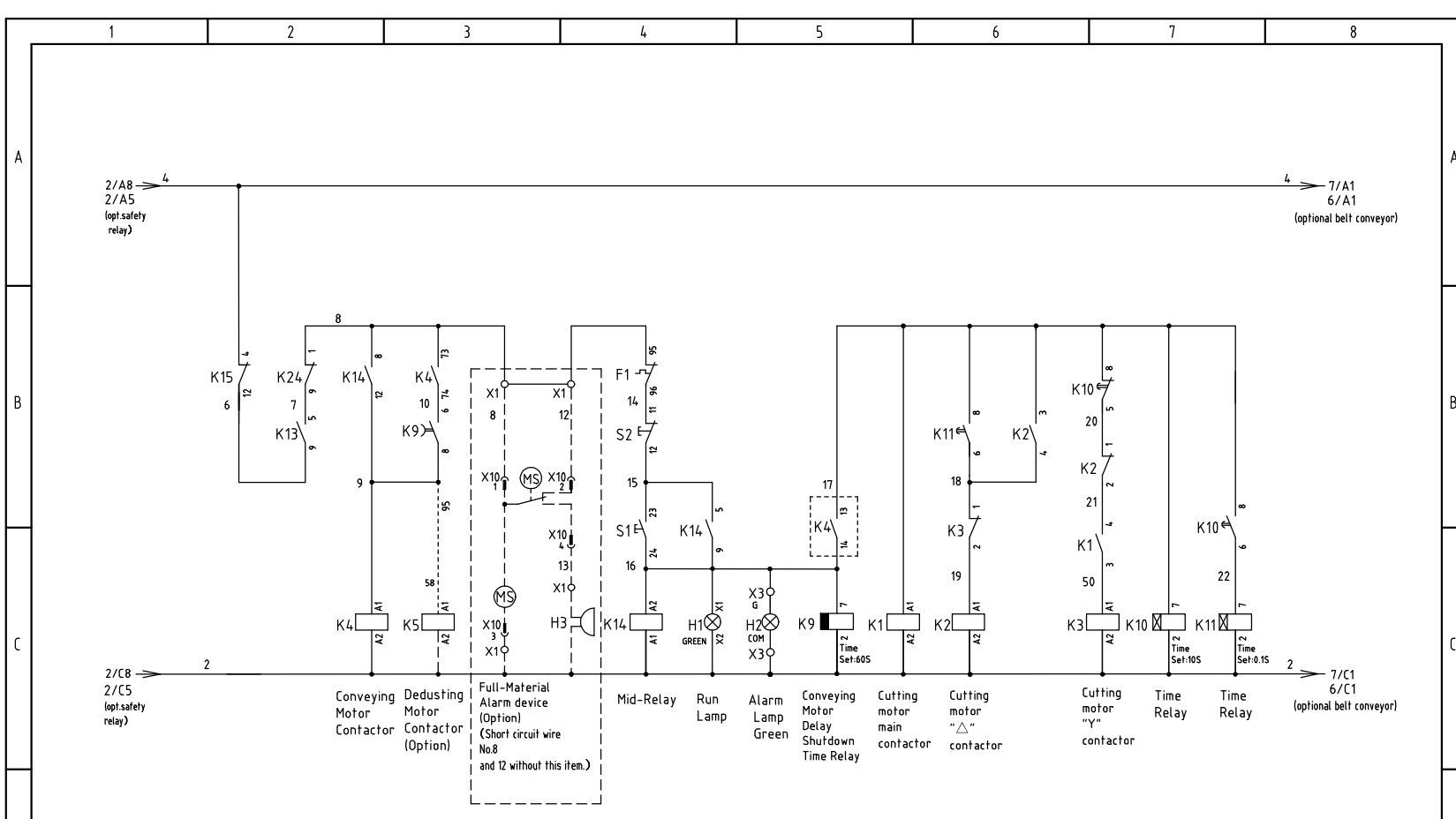
Pic.1
(used with optional safety relay)

Contactor
Front door

Pic.2
(used without optional safety relay)

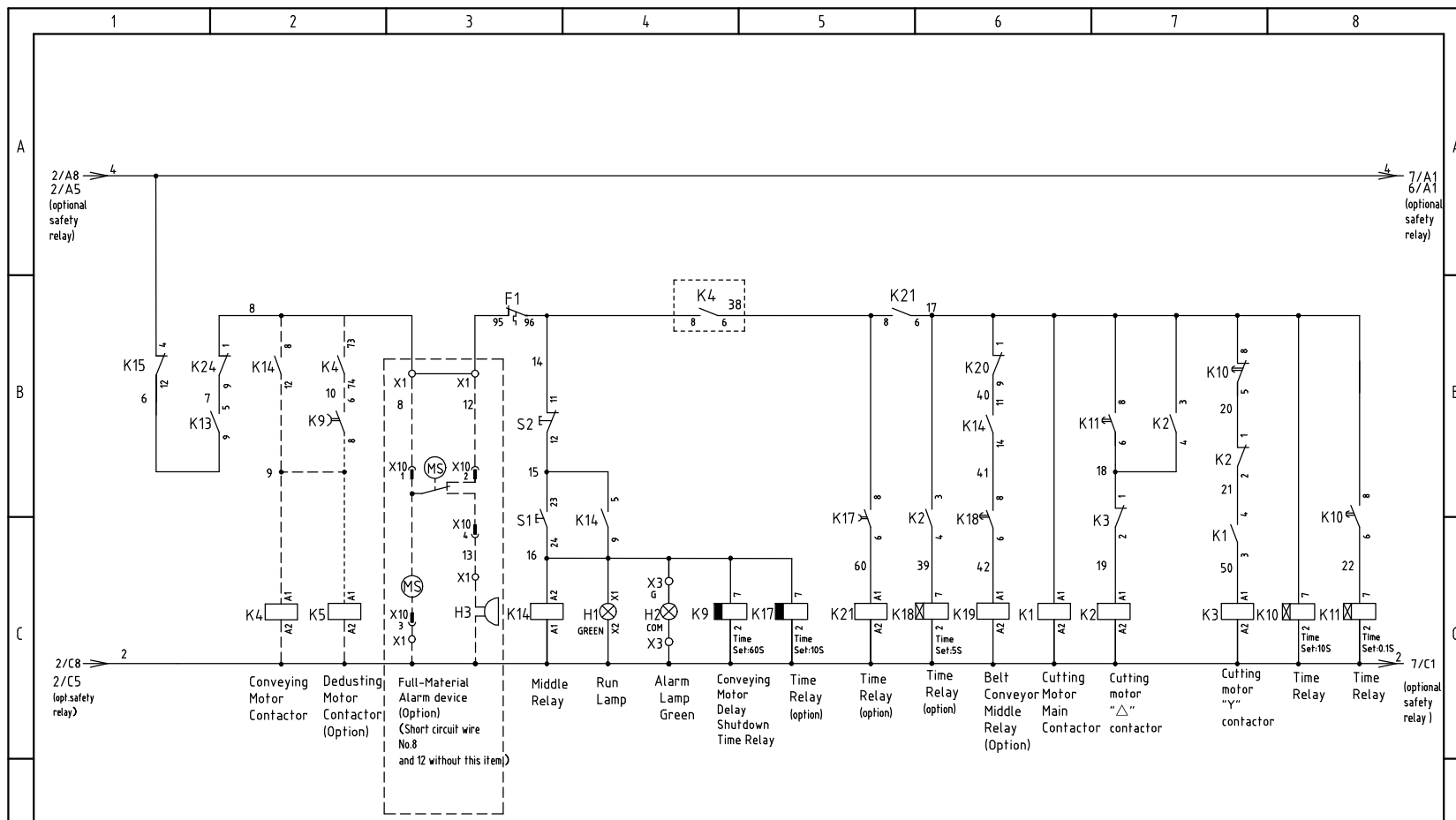
制图	黄振杰	版号	E
设计	黄振杰	核准	
校对		核准	
标记	更改前	更改后	更改人
	日期	日期	20220805

标题	SG-50110B 控制电路图一	图号	SG-50110B-GB-400V-E-3
 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		比例	第 3 张
		标准	GB 共 13 张
		机器电压	3φ400V
		机器频率	50Hz



机型版本 Ver.E		Note: Used without optional belt conveyor.			制图 黄振杰	版号 E	标题 SG-50110B	图号 SG-50110B-GB-400V-E-4	比例	第 4 张
					设计 黄振杰	核 准	控制电路图一		标准 GB	共 13 张
					校对		 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		机器电压	3φ400V
标记	更改前	更改后	更改人	日期	审核	日期			20220805	机器频率

1 2 3 4 5 6 7 8



机型版本 Ver.E Notes: Used with optional belt conveyor; The setting range of K17 time relay is 0-1Min;

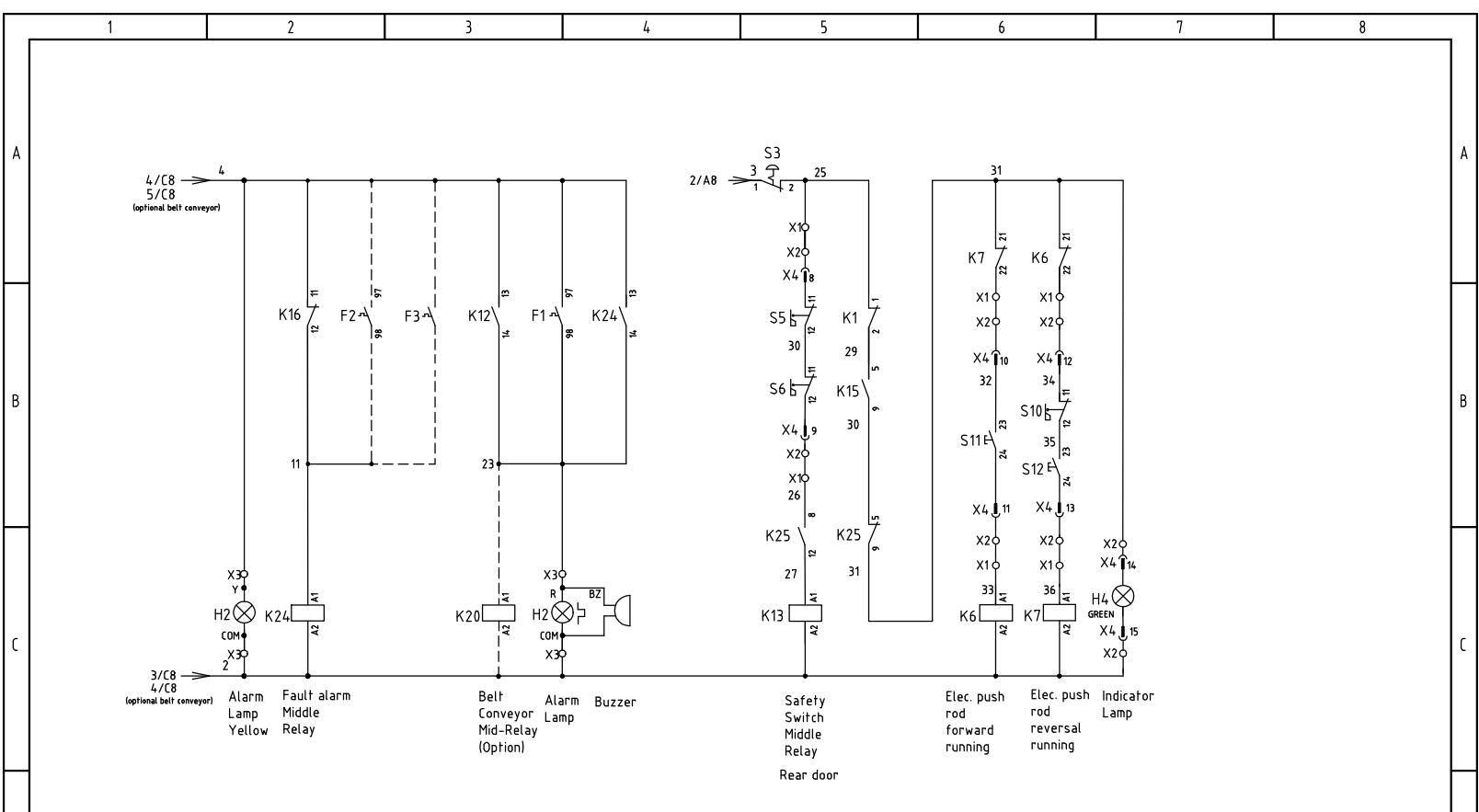
制图	黄振杰	版号	E
设计	黄振杰	核准	
校对		日期	20220805
标记	更改前	更改后	更改人
			日期

标题 SG-50110B 控制电路图二

图号 SG-50110B-GB-400V-E-5

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

比例	第 5 张
标准	GB 共 13 张
机器电压	3φ400V
机器频率	50Hz



机型版本 Ver.E Note: Used with optional safety relay.

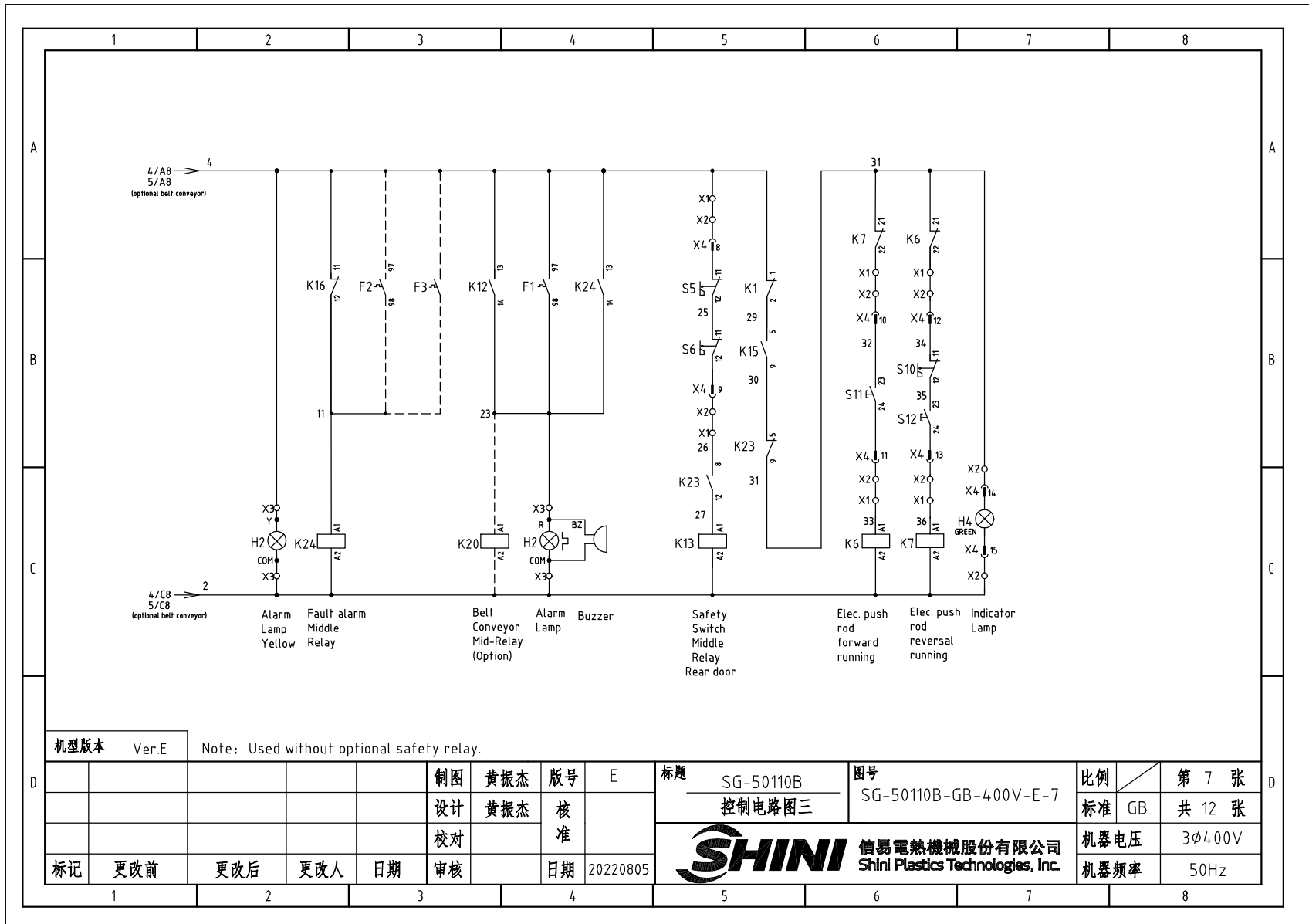
制图	黄振杰	版号	E
设计	黄振杰	核准	
校对		核准	
标记	更改前	更改后	更改人
			日期
			日期
			20220805

标题 SG-50110B
控制电路图三

图号 SG-50110B-GB-400V-E-6

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

比例	第 6 张
标准 GB	共 13 张
机器电压	3φ400V
机器频率	50Hz



机型版本 Ver.E

Note: Used without optional safety relay.

制图	黄振杰	版号	E
设计	黄振杰	核准	
校对		核准	
标记	更改前	更改后	更改人
			日期
审核		日期	20220805

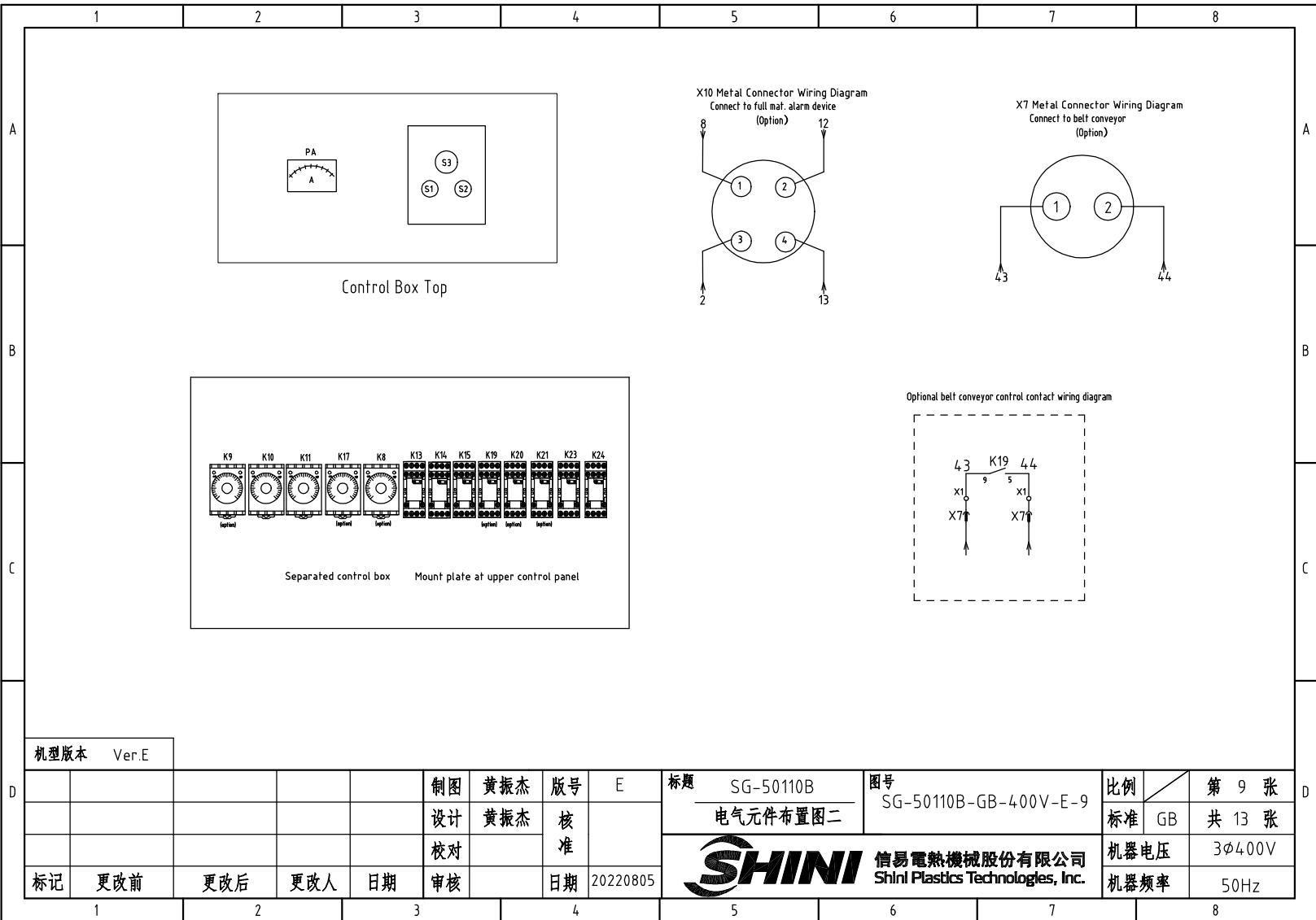
标题 SG-50110B
控制电路图三

图号 SG-50110B-GB-400V-E-7

比例 第 7 张
标准 GB 共 12 张

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

机器电压 3φ400V
机器频率 50Hz



机型版本 Ver.E

标记	更改前	更改后	更改人	日期	审核	日期	20220805
制图	黄振杰	版号	E	设计	黄振杰	核准	
校对							


标题 SG-50110B
电气元件布置图二

图号 SG-50110B-GB-400V-E-9

比例	第 9 张
标准	GB 共 13 张
机器电压	3φ400V
机器频率	50Hz

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

1		2		3		4		5		6		7		8	
NO.	Symbol	Name		Manufacturer		Type		Specification		Number	Material number		Remark		
1	Q1	Plastic shell circuit breaker		TECO		TAX-250L3160 3P		160A		1	YE40250300400				
2		External operating handle		TECO		FB2R-CS1-C-D1(TAX-250)		----		1	YE90211200300				
3	Q2	Circuit breaker		TECO		BM-63C/3032S		32A		1	YE40303203000		(2)		
4	Q3	Circuit breaker		TECO		BM-63C/3006S		6A		1	YE40300603000		(4)		
5	Q4	Thermomagnetic circuit breaker		CHNT		NS2-25		1.6-2.5A		1	YE10162500100				
6	Q5	Circuit breaker		TECO		BM-63C/2003S 2P		3A		1	YE40200203000				
7	Q6	Circuit breaker		TECO		BM-63C/1010S 1P		10A		1	YE40101000100				
8	Q7	Circuit breaker		TECO		BM-63C/1003S 1P		3A		1	YE40100203000				
9	K1,K2	Contactor		SIEMENS		3RT5044-1AC20		65A 24VAC 50/60Hz		2	YE00504402600				
10		Auxiliary contact		SIEMENS		3RH5921-1CA10		1NO		1	YE00592110000				
11	K3	Contactor		SIEMENS		3RT5036-1AC20		50A 24VAC 50/60Hz		1	YE00503602600				
12		Auxiliary contact		SIEMENS		3RH5921-1CA10		1NO		1	YE00592110000				
13		Auxiliary contact		SIEMENS		3RH5921-1CA01		1NC		3	YE00592110100				
14		Auxiliary contact		SIEMENS		3RH5921-1CA10		1NO		1	YE00592110000		(5)		
15	K4	Contactor		SIEMENS		3RT6027-1AC20		32A 24VAC 50/60Hz		1	YE00602702600		(2)		
16		Auxiliary contact		SIEMENS		3RH6911-1AA10		1NO		1	YE00691110000		(2)		
17	K5	Contactor		SIEMENS		3RT6015-1AB01		7A 24VAC 50/60Hz		1	YE00601502500		(4)		
18	K6,K7	Contactor		SIEMENS		3RT6015-1AB02		7A 24VAC 50/60Hz		2	YE00601502600				
19	K9	Timer		YUYUN		TRF-N		24VAC		1	YE86032400000		(2)		
20	K10	Timer		YUYUN		TH3A-NAB/60S		24VAC		1	YE86602400300				
21	K11	Timer		YUYUN		TH3A-NAB/3S-60M		24VAC		1	YE86123000000				
22	K13,K14,K23	Middle relay		Honeywell		GR-2C-AC24V		24VAC		3	YE03022400300				
23	K14	Middle relay		Honeywell		GR-4C-AC24V		24VAC		1	YE03042400300		(5)		
24	K15	Middle relay		WEIDMULLER		DRM270024LT		24VDC		1	YE03272400000				
25	K12	Current relay		SCHNEIDER		LT4760M7A		220VAC 5-60A		1	YE04047600000				
机型版本		Ver.E		Notes:(1)Materials not in the control box;(2)Optional conveying blower;(3)Optional full mat. alarm ;(4)Optional dedust blower; (5) Used with optional belt conveyor;(6) Optional Safety relay.											
制图		黄振杰		版号		E		标题		图号		比例		第 10 张	
设计		黄振杰		核 准				SG-50110B 电气元件明细表一		SG-50110B-GB-400V-E-10		标准 GB		共 13 张	
校 对								 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		机器电压		3φ400V			
核 对										机器频率		50Hz			
标记	更改前	更改后	更改人	日期	审核	日期	20220805								
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			
51	S9	Inductive sensor		DELIN	DL-12		24VDC		1	YE15122400000		(1)			
52	S10	Limit switch		SCHMERSAL	ZS 336-11Z		----		1	YE14332100000		(1)			
A	53	T	Mutual transformer		BAIYUN	IN=400V/4.15V OUT=24/230V		350VA / 1500MA		1	YE70040008000		A		
	54	U	DC power		MEAN WELL	NES-35-24		OUT=24VDC 1.5A		1	YE71352400100				
	55	X1	Terminal board		Honeywell	GK35PE		35mm ² PE		1	YE60003503500				
	56				Honeywell	GK16		16mm ²		6	YE60001603200				
	57				Honeywell	GK16PE		16mm ² PE		1	YE60001603500				
	58				Honeywell	SK2.5		2.5mm ²		21	YE60002503200				
	59				Honeywell	GK2.5PE		2.5mm ² PE		1	YE60002503400				
	60				Honeywell	SK2.5		2.5mm ²		3	YE60002503200		(2)		
B	61				Honeywell	GK2.5PE		2.5mm ² PE		1	YE60002503400		(2)		
	62				Honeywell	SK2.5		2.5mm ²		5	YE60002503200		(4)		
	63				Honeywell	GK2.5PE		2.5mm ² PE		1	YE60002503400		(4)		
	64				Honeywell	SK2.5		2.5mm ²		4	YE60002503200		(3)		
	65				Honeywell	SK2.5		2.5mm ²		2	YE60002503200		(5)		
	66	X2	Terminal board		Honeywell	SK2.5		2.5mm ²		13	YE60002503200				
	67	X3	Terminal board		Honeywell	SK2.5		2.5mm ²		4	YE60002503200				
	68		Terminal fittings E/GK series					PCS		6.000	YE60000003900				
	69	X4	Heavy duty connector		HARTING	24P+PE (plug)		24P		2	YE68002406300		(1)		
	70	X4	Heavy duty connector		HARTING	24P+PE (socket)		24P		2	YE68002407300		(1)		
	71	X7	Metal connector		SHINI	PLT-162-RR(male)		2P		1	YE68016200100		(1)(5)		
	72	X10	Metal connector		SHINI	PLT-254-PM		4P		1	YE68025400000		(1)(3)		
	73				----	PLT-254-RF		4P		1	YE68025400100		(1)(3)		
	74	M1	Cutting motor		----	----		400V 50Hz 4.5KW		1	----		(1)		
	75	M2	Conveying blower		SHINI	----		400V 50Hz 7.5KW		1	----		(1)(2)		
	机型版本 Ver.E Notes:(1)Materials not in the control box;(2)Optional conveying blower;(3)Optional full mat. alarm ;(4)Optional dedust blower; (5) Used with optional belt conveyor;(6) Optional Safety relay.														
D					制图	黄振杰	版号	E	标题	SG-50110B	图号		比例	第 12 张	D
					设计	黄振杰	核		电气元件明细表三	SG-50110B-GB-400V-E-12		标准	GB	共 13 张	
					校对		准		 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.			机器电压	3φ400V		
标记	更改前	更改后	更改人	日期	审核		日期	20220805				机器频率	50Hz		

