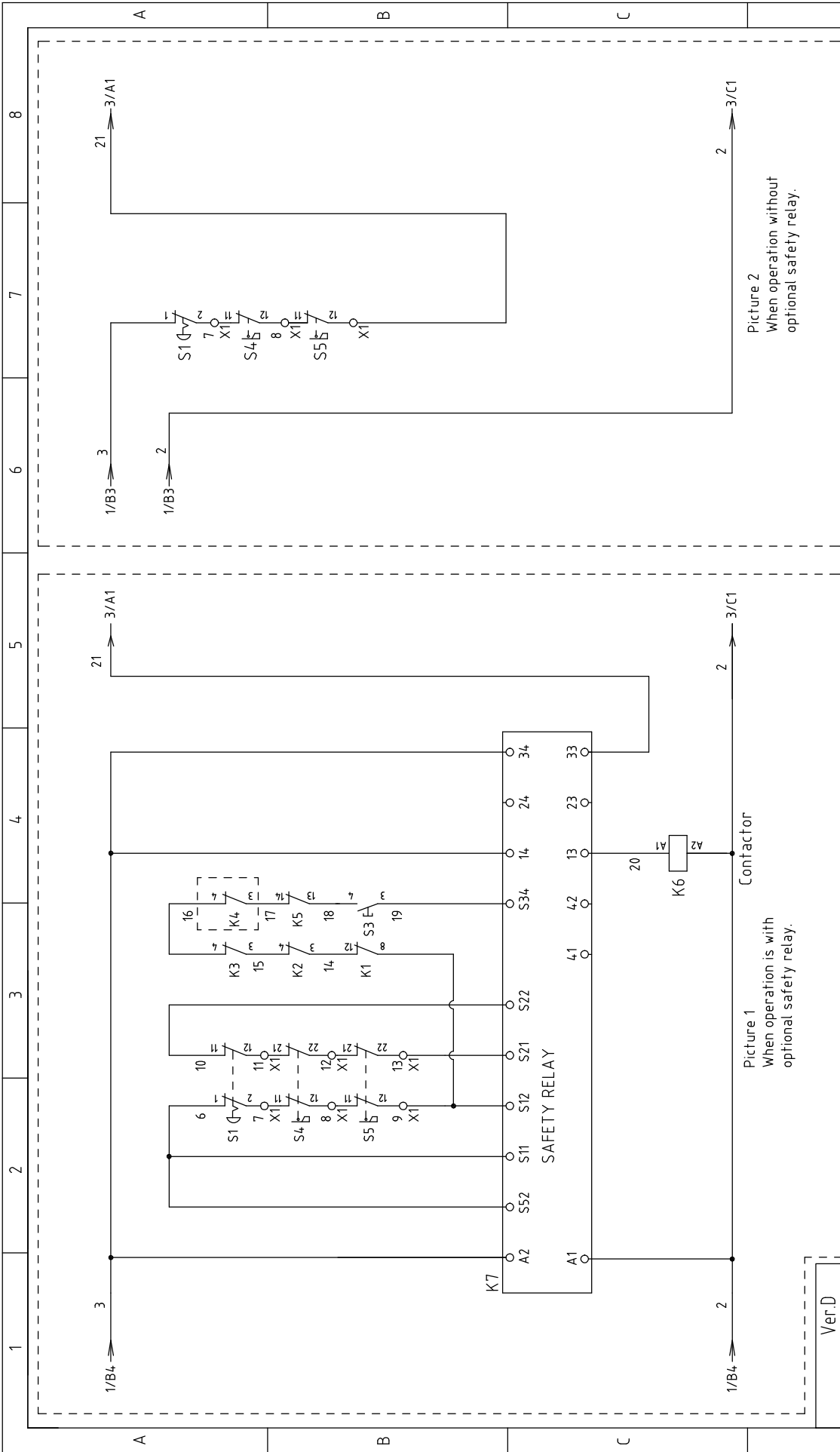


D	Ver.D	H	Version	Title	Drawing NO.	Scale	Page 1
	Main Circuit Diagram						Totally 6
Mark	Before modification	Date	Approved by	SG-2446N	SG-2446N-CE-400V-H-1	Standard	Pages
	After modification						20200915
							Voltage
							Frequency
							3Φ400V
							50Hz
							8

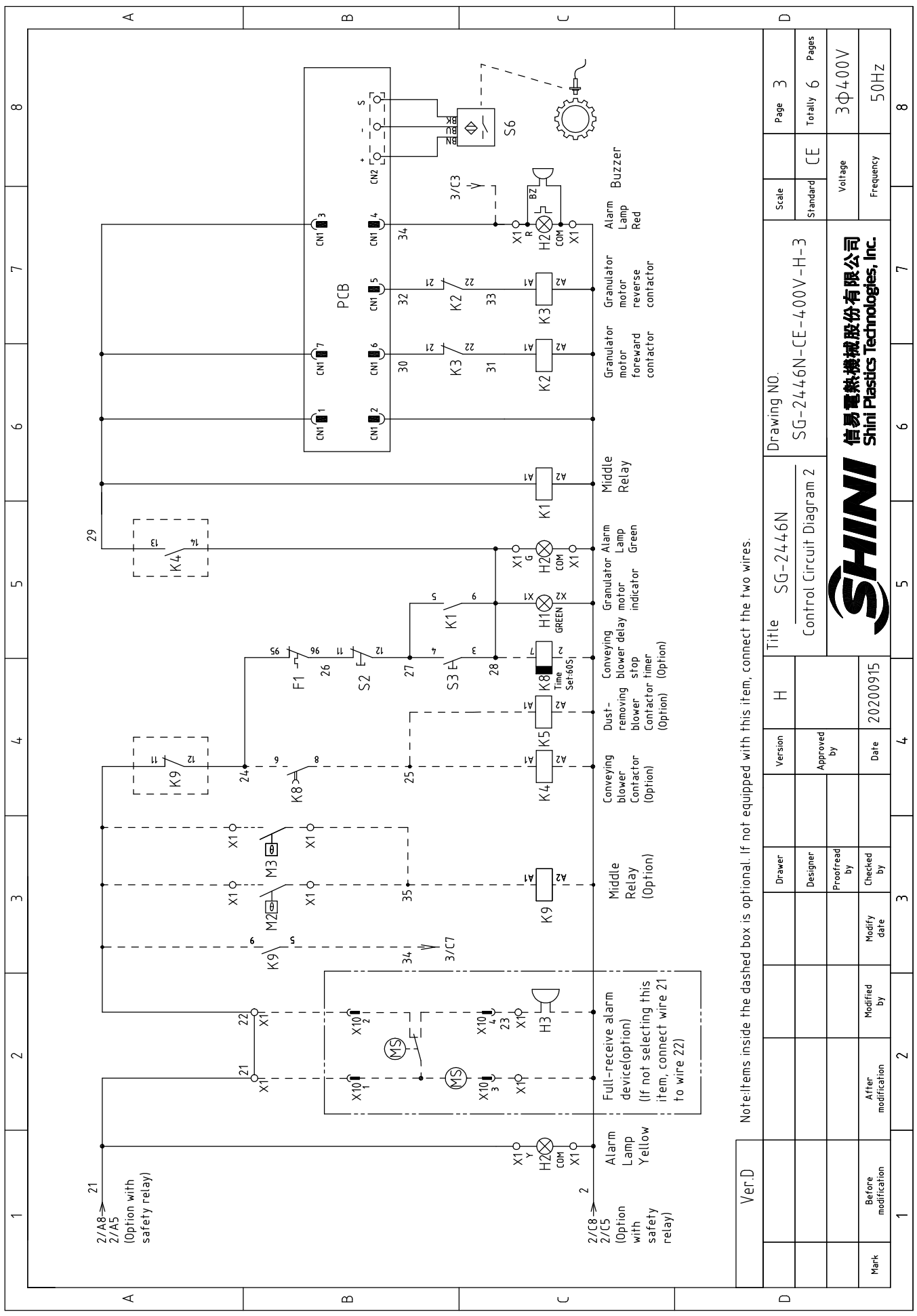




Picture 1
When operation is with
optional safety relay.

Picture 2
When operation without
optional safety relay.

Ver-D	Title		Drawing NO.		Scale	Page
	Control Circuit Diagram 1		SG-2446N-CE-400V-H-2		Standard	Totally 6
Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date
1	2	3	4	5	6	8
Voltage		Frequency		3Φ400V 50HZ		
SHINI		信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		SG-2446N-CE-400V-H-2		
H		Version		Approved by		Page 2
20200915		20200915		20200915		CE



Ver-D Note: Items inside the dashed box is optional. If not equipped with this item, connect the two wires.

D	Ver-D	Scale	Page 3
		Standard	Totally 6 Pages
D	Drawing NO.	SG-2446N-CE-400V-H-3	CE
	Title	Control Circuit Diagram 2	
D	Version	H	20200915
	Approved by		Date
D	Drawer		3
	Designer		4
D	Proofread by		
	Checked by		
D	Modified by		
	After modification		
D	Mark	Before modification	2
		Modified by	
D	Standard	CE	8
	Voltage	3Φ400V	
D	Frequency	50Hz	



1		2		3		4		5		6		7		8	
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark							
1	Q1	Main power switch	MOELLER	T0-2-1/EA/SVB	20A	1	YE10021160000	(1)							
2	Q2	Circuit-breaker	TECO	BM-63C/3P	16A	1	YE40301603000	(2)							
3	Q3	Circuit-breaker	TECO	BM-63C/3P	6A	1	YE40300603000	(3)							
4	Q4	Circuit-breaker	TECO	BM-63C/3P	6A	1	YE40300603000	(3)							
5	Q5	Circuit-breaker	TECO	BM-63C/2003S 2P	3A	1	YE40200203000	(1)							
6	Q6	Circuit-breaker	TECO	BM-63C/1003S 1P	3A	1	YE40100203000	(1)							
7	K1	Middle relay	Honeywell	GR-2C-AC24V	24VAC	1	YE03022400300	(1)							
8	K2,K3	Contact	SIEMENS	3RT6016-1AB02	24 VAC 50/60Hz	2	YE00601602600	(5)							
9		Auxiliary contact terminal	SIEMENS	3RH6911-1HA11	1N0+1NC	2	YE00691100100	(2)							
10	K4	Contact	SIEMENS	3RT6016-1AB01	24 VAC 50/60Hz	1	YE00601602500	(2)							
11	K5	Auxiliary contact terminal	SIEMENS	3RH6911-1HA11	1N0+1NC	1	YE00691100100	(2) (5)							
12	K6	Contact	SIEMENS	3RT6015-1AB01	24 VAC 50/60Hz	1	YE00601502500	(3)							
13	K6	Contact	SIEMENS	3RT6016-1AB02	24 VAC 50/60Hz	1	YE00601602600	(5)							
14	K7	Safety relay	PILZ	PN0Zx2.8P	24V AC/DC	1	YE04023000000	(5)							
15	K8	Time relay	YUYUN	TRF-N 3min	24VAC 50/60Hz	1	YE86032400000	(2)							
16	K9	Middle relay	HONEYWELL	GR-2C-AC24V	24 VAC	1	YE03022400300	(2) (3)							
17	F1	Overload relay	SIEMENS	3RU6116-1GB0	4.5-6.32A	1	YE01160450000	(1)							
18	T	Sensor transformer	BAIYUN	IN=400V/415V OUT=24V	80VA	1	YE70040006500	(1)							
19	H2	Three color alarm light	SHINI	Red, green, yellow lights + buzzer	24 VAC 50/60Hz	1	BL90002401520	(1)							
20	H3	Buzzer	TEND	EA-2	24 VAC	1	YE84240200000	(1) (4)							
21	S1	Emergency stop button	SCHNEIDER	XB2BS542C	400VAC	1	YE11254200000	(1)							
22	S2	Contact block	SCHNEIDER	ZB2BE102C	1NC	1	YE00210203100	(1) (5)							
23	S2	Stop button	SCHNEIDER	XB2BA22C	400VAC	1	YE11222000000	(1)							
24	S3,H1	Start button(with light)	SCHNEIDER	XB2BW33B1C	24 VAC	1	YE11233100000	(1)							
25		Contact block	SCHNEIDER	ZB2BE101C	1N0	1	YE00210103100	(1) (5)							
Notes: (1)Means it's not the material inside the control box.(2)Means accessories for material conveying blower.(3) Means optional accessories of dedusting blower.(4) Means optional accessories of full-receive alarm device.(5)Stand for optional safety relay.															
Ver.D		Title		Drawing NO.		Scale		Page		5		Page		8	
		SG-2446N		SG-2446N		CE		Voltage		3Φ400V		Frequency		50Hz	
		Electrical Components List 1		SG-2446N-CE-400V-H-5		CE		Totally		6		Pages			
Mark		After modification		Modified by		Modify date		Checked by		Date		20200915			
1		2		3		4		5		6		7		8	



