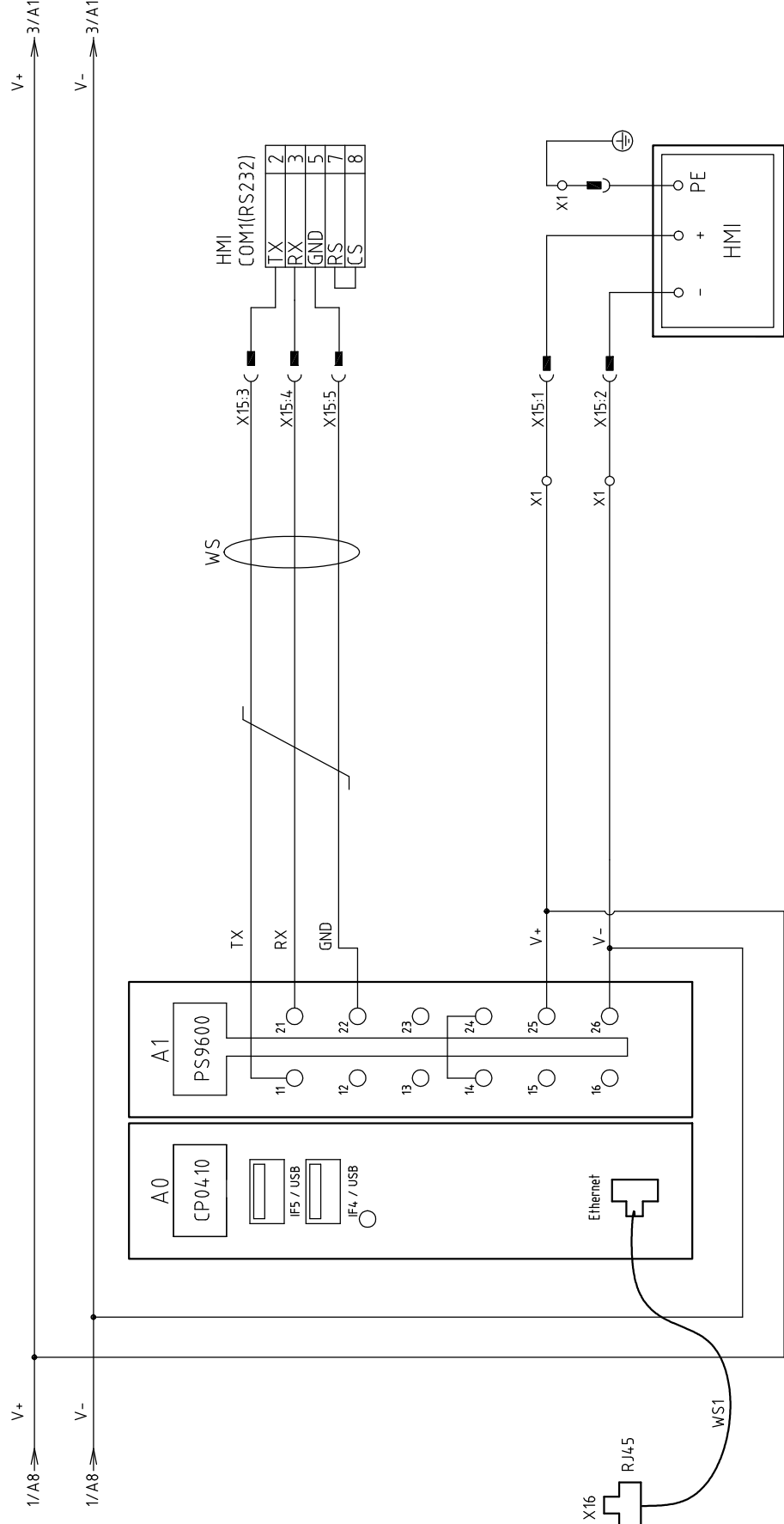


机型版本 Ver.D

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											Electrical Principle 1	
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												Totally 10
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												Frequency
												3φ400V
												50Hz

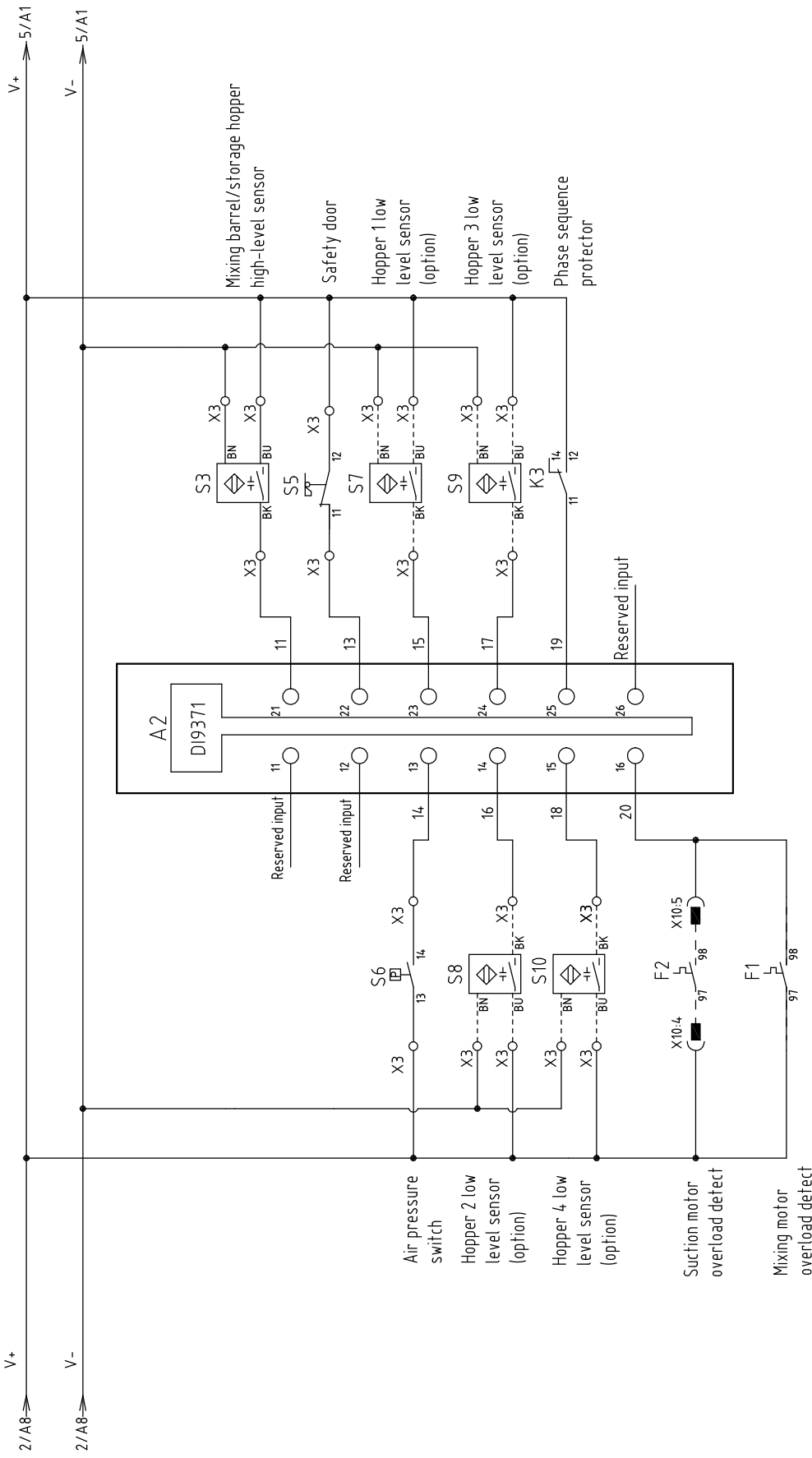
信易電熱機械股份有限公司
Shini Plastics Technologies, Inc.



机型版本 Ver.D

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															3φ400V
															50Hz
															8



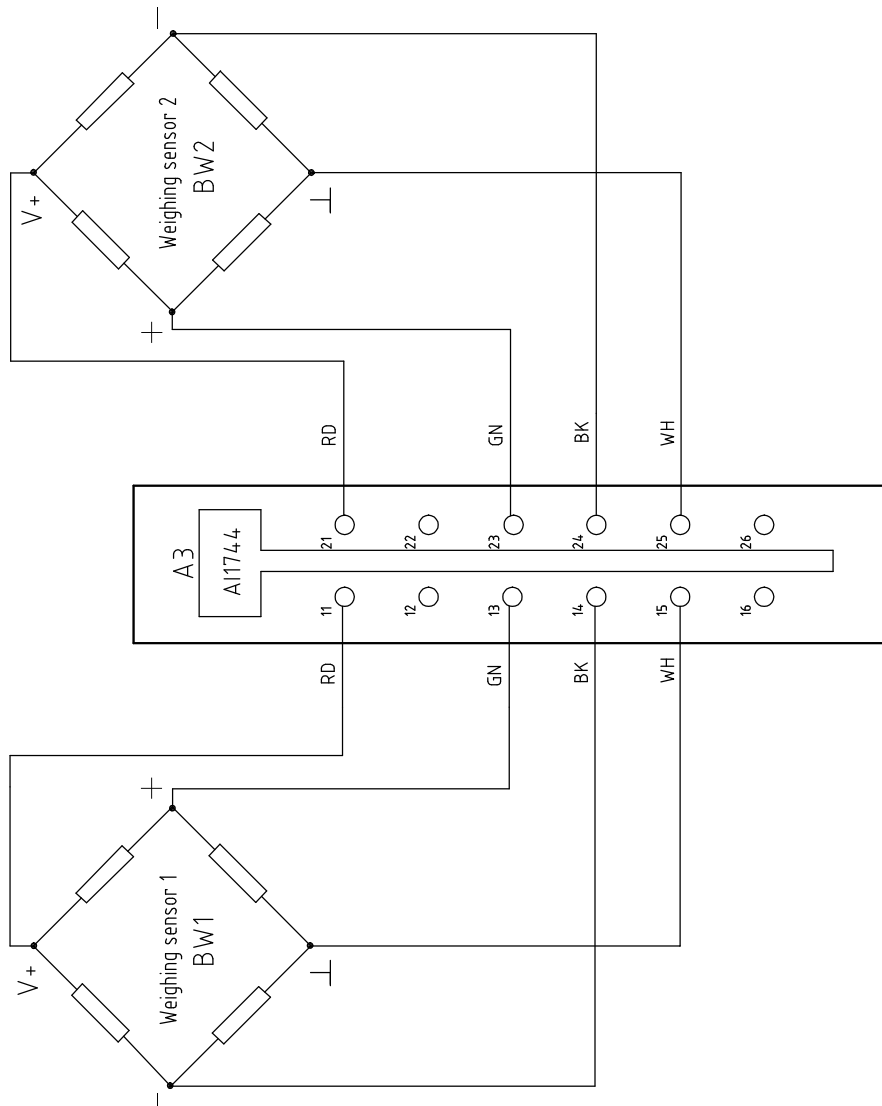


机型版本 Ver.D

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															Totally	Pages
															10	3
																3φ400V
																50Hz
																8



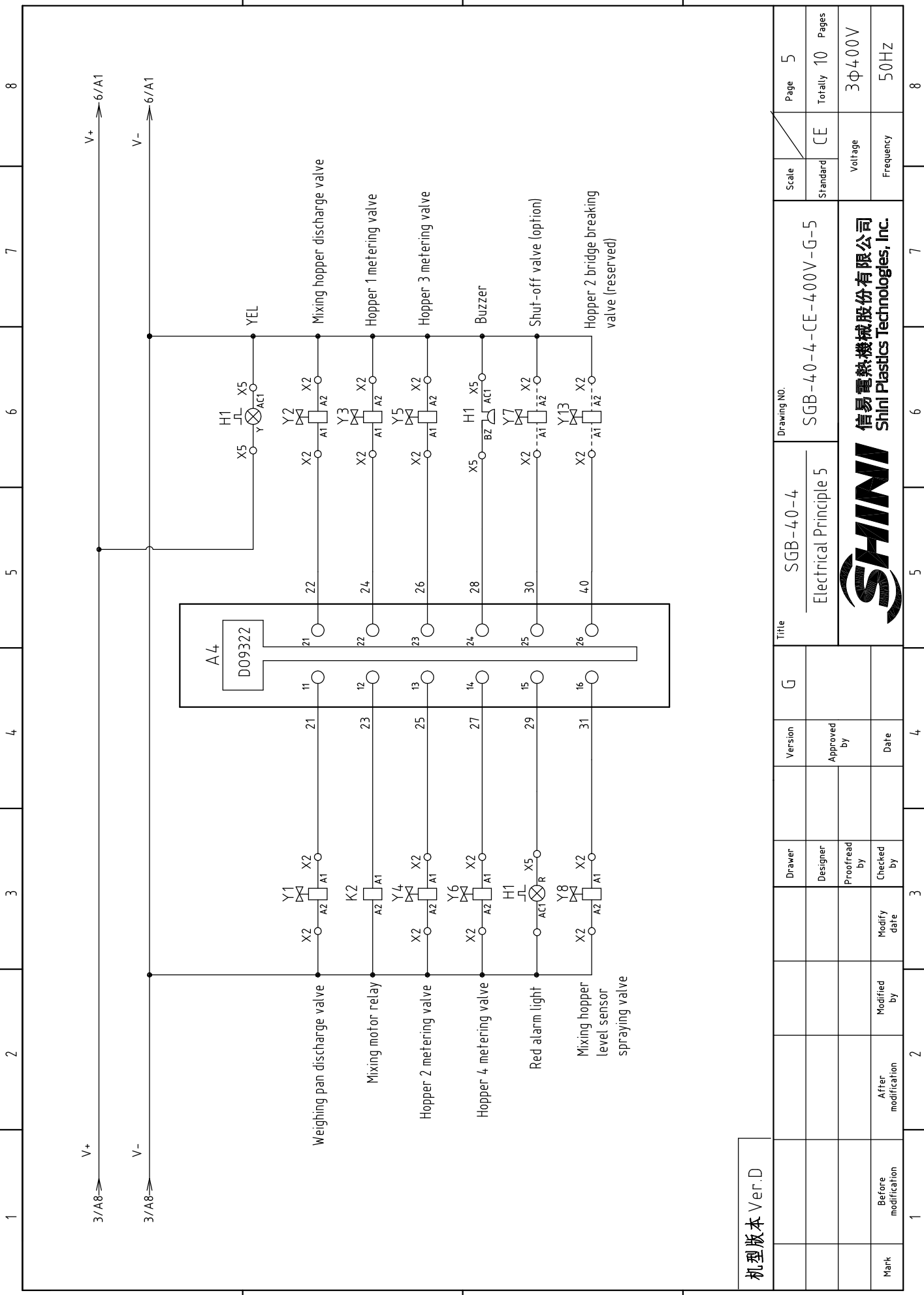
信易電熱機械股份有限公司
Shini Plastics Technologies, Inc.



机型版本 Ver.D

Mark	Before modification	Modified by	Modify date	Checked by	Proofread by	Designer	Drawer	Version	G	Title	Drawing NO.		Scale	Page
	After modification	Modified by	Modify date	Checked by	Proofread by	Designer	Drawer				SGB-40-4	Electrical Principle 4		
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														10
														3φ400V
														50Hz
														8



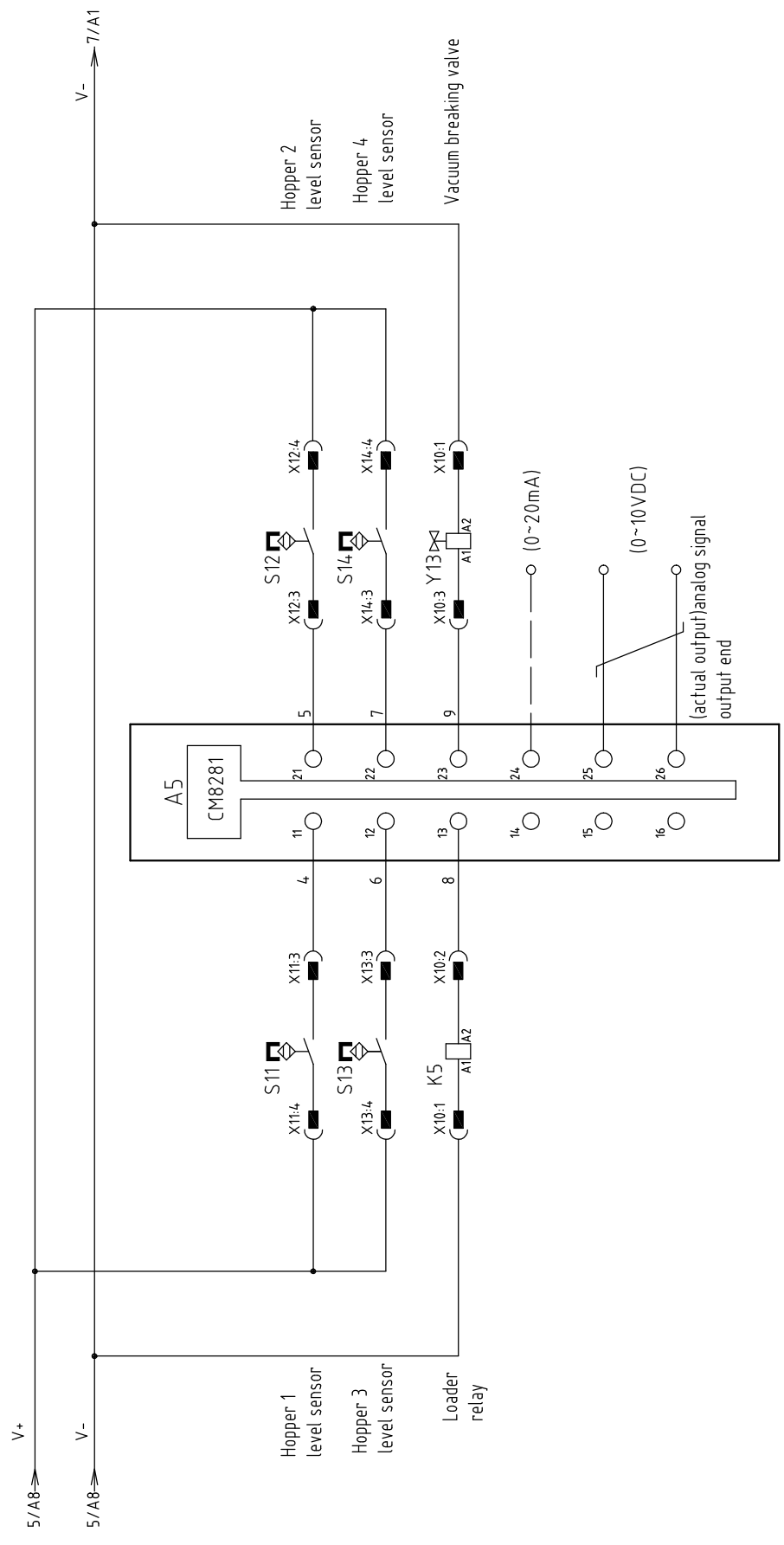


机型版本 Ver.D	G		Electrical Principle 5		SGB-40-4-CE-400V-G-5		Scale	Page 5
Mark	Before modification	After modification	Modified by	Modify date	Proofread by	Checked by	Designer	Totally 10 Pages
								3Φ400V
								50HZ



信易电热机械股份有限公司
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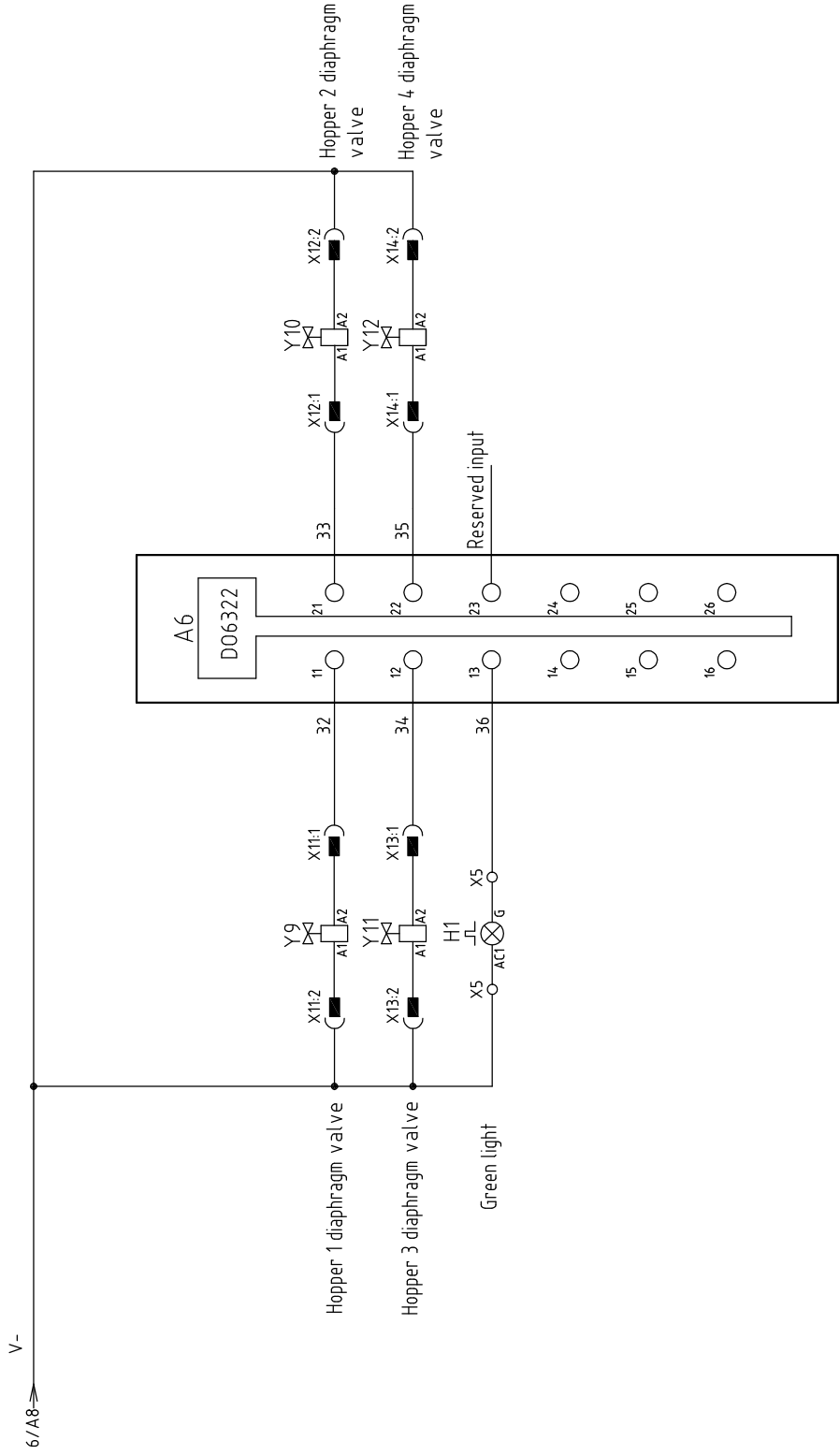
Standard	CE	Standard	CE
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机型版本 Ver.D

Mark	Before modification	After modification	Modified by	Modify date	Checked by	Proofread by	Designer	Drawer	Version	G	Title	Drawing NO.		Scale	Page
											SGB-40-4 Electrical Principle 6	SGB-40-4-CE-400V-G-6	CE	6	
															Totally 10
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															3φ400V
															50Hz

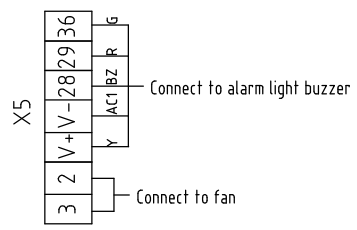
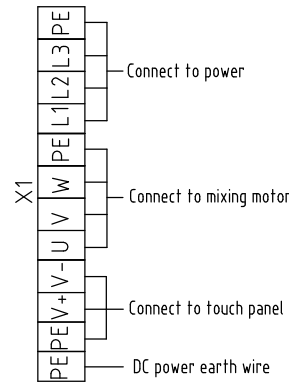
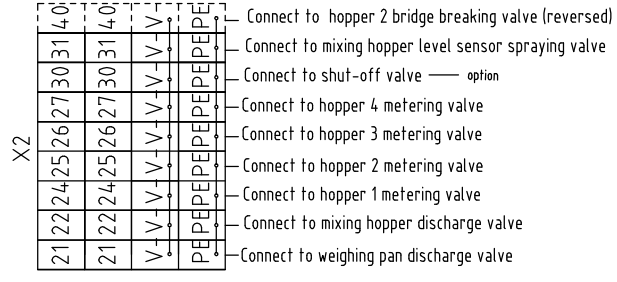
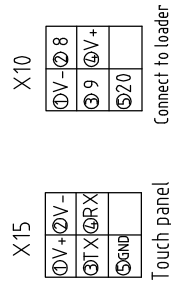
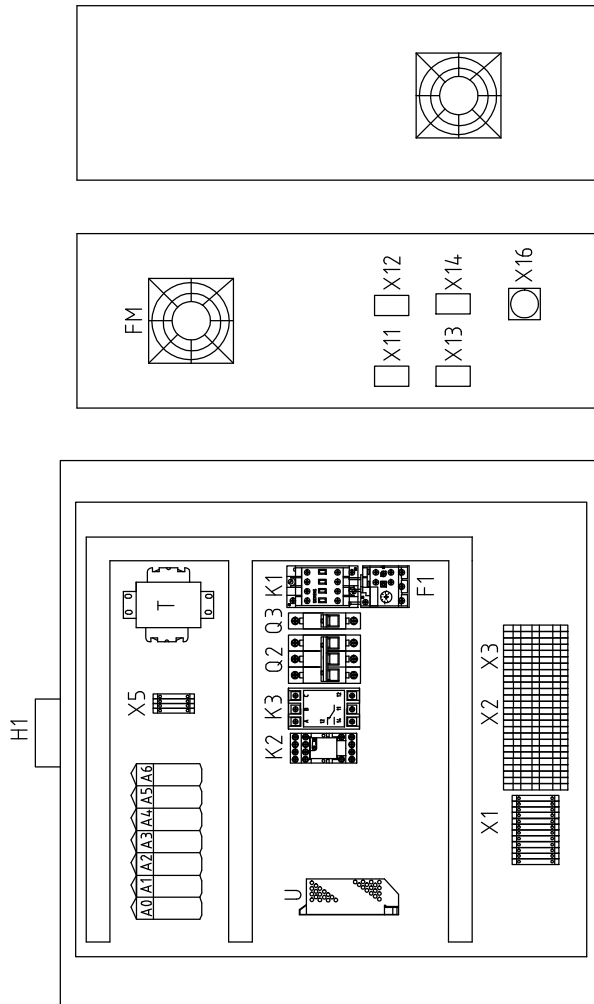




机型版本 Ver.D

Mark	Before modification	Modified by	Modified date	Proofread by	Checked by	Designer	Drawer	Version	G	Title	Drawing NO.		Page	7
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											Voltage	3φ400V		
											Frequency	50HZ		





机型版本 Ver.D

Title	SGB-40-4		Drawing NO.	SGB-40-4-CE-400V-G-8		Scale	Page 8	
	Elec. layout & Wiring Diagram			Standard CE	Totally 10		Pages	
Designer	Proofread by	Checked by	Modified by	Modify date	Approved by	Date	Voltage 3φ400V	
Drawer	Version	G	After modification	Before modification	Frequency	50Hz		
Mark	1	2	3	4	5	6	7	8

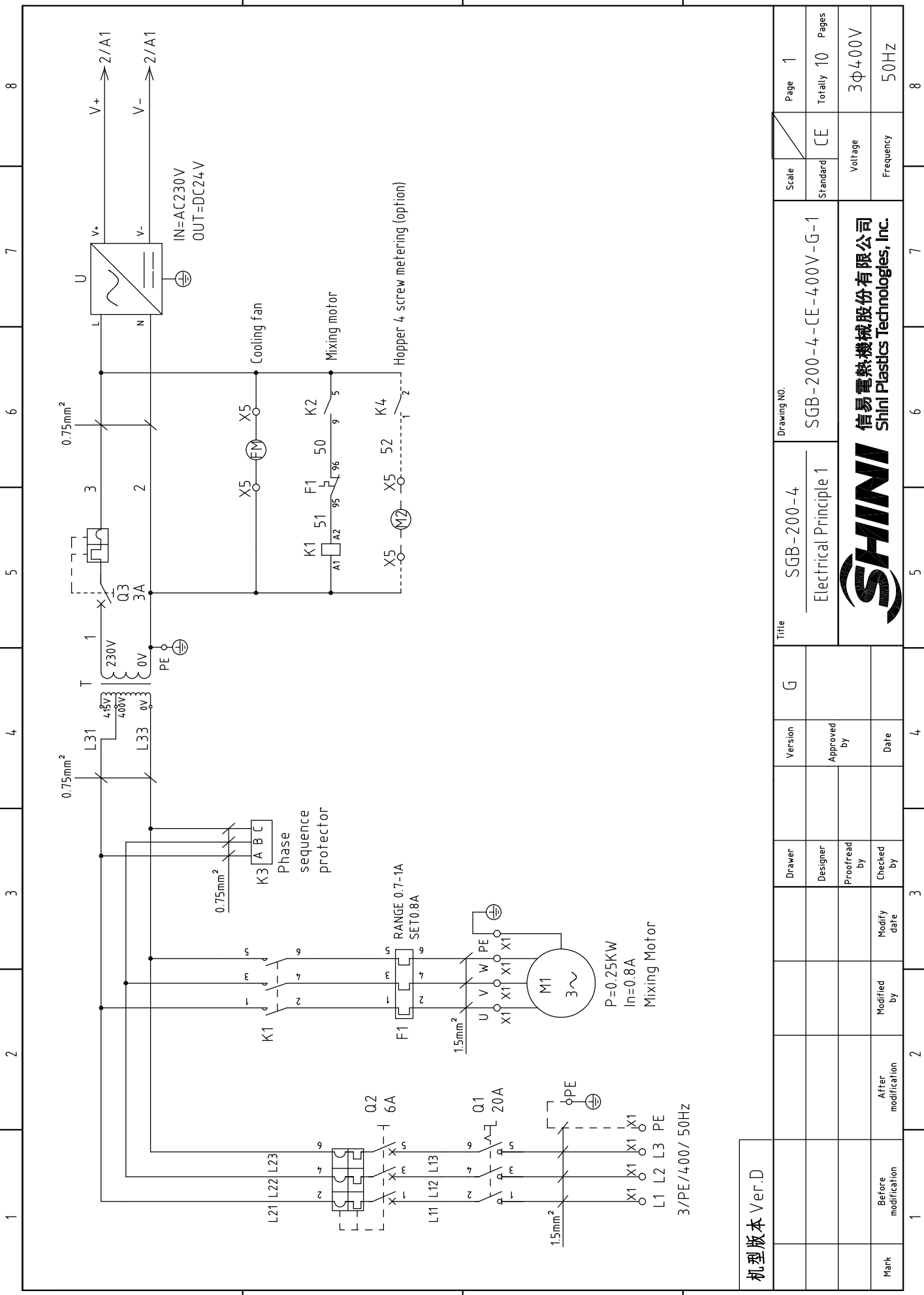


1	2		3	4	5	6	7	8
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark
1	Q1	Main power switch	EATON	TO-2-1/EA/SVB	20A	1	YE10021160000	
2	Q2	Circuit breakers	TECO	BM-63C 3P	6A	1	YE40300603000	
3	Q3	Circuit breaker	TECO	BM-63C	3A	1	YE40100203000	
4	S3	Capacitive proximity switch	IFM	KI 5082	10~36VDC	1	----	(1)
5	S7~S10	Capacitive proximity switch	IFM	KI 5082	10~36VDC	4	----	(1) (2)
6	S5	Safety switch	SCHMERSRC	AZ152VK-1476	AC-15	1	----	(1)
7	S6	Pressure switch	FOX	K4SA02	1~12KG	1	----	(1)
8	K1	Contactors	SIEMENS	3RT6015-1AN21	230V 50/60Hz	1	YE00601521000	
9	K2	Middle relay	WEIDMULLER	DRM270024LT	24VDC 12A	1	YE03272400000	
10	K3	Phase sequence relay	CHAOSHI	ABJ2-12W	400V	1	YE03103800000	
11	F1	Thermal overload relays	SIEMENS	3RU6116-0JB0	0.7-1.0A	1	YE01160700000	
12	T	Transformer	JIUXIN	IN=400V/415V OUT=230V	500mA	1	YE7004.0005200	
13	U	DC power	MEAN WELL	S-100-24	+24V 4.5A	1	YE711024.00000	
14	A0~A7	4组行程重样料机控制器/Controller	B&R	-----	-----	1	YE80024.000100	Cancel
15	A0	CPU/controller	B&R	X20 CP04.10	-----	1	YE8004.1000200	New
16		CPU base	B&R	X20 BB52	-----	1	YE8004.1100300	
17	A1	Power module	B&R	X20 PS9600	-----	1	YE8096.0000000	New
18	A2	Input module	B&R	X20 DI9371	-----	1	YE80937100000	New
19	A3	Weighing module	B&R	X20 AI1744	-----	1	YE80200000500	New
20	A4	Output module	B&R	X20 DO9322	-----	1	YE80209300000	New
21	A5	Common module	B&R	X20 CM8281	-----	1	YE80200000700	New
22	A6	Output module	B&R	X20 DO6322	-----	1	YE80632200000	New
23		12 core terminal block	B&R	X20 TB12	-----	6	YE80201100000	New
24		I/O bus module	B&R	X20 BM11	-----	5	YE80200100000	New
25	HMI	Human-machine interface	SCHNEIDER	GXU3512	24VDC	1	YE80351200100	


机型版本 Ver.D Notes: (1) Materials not in the control box; (2) Optional low level sensor; (3) Optional bridge breaking valve; (4) Optional shut-off valve;

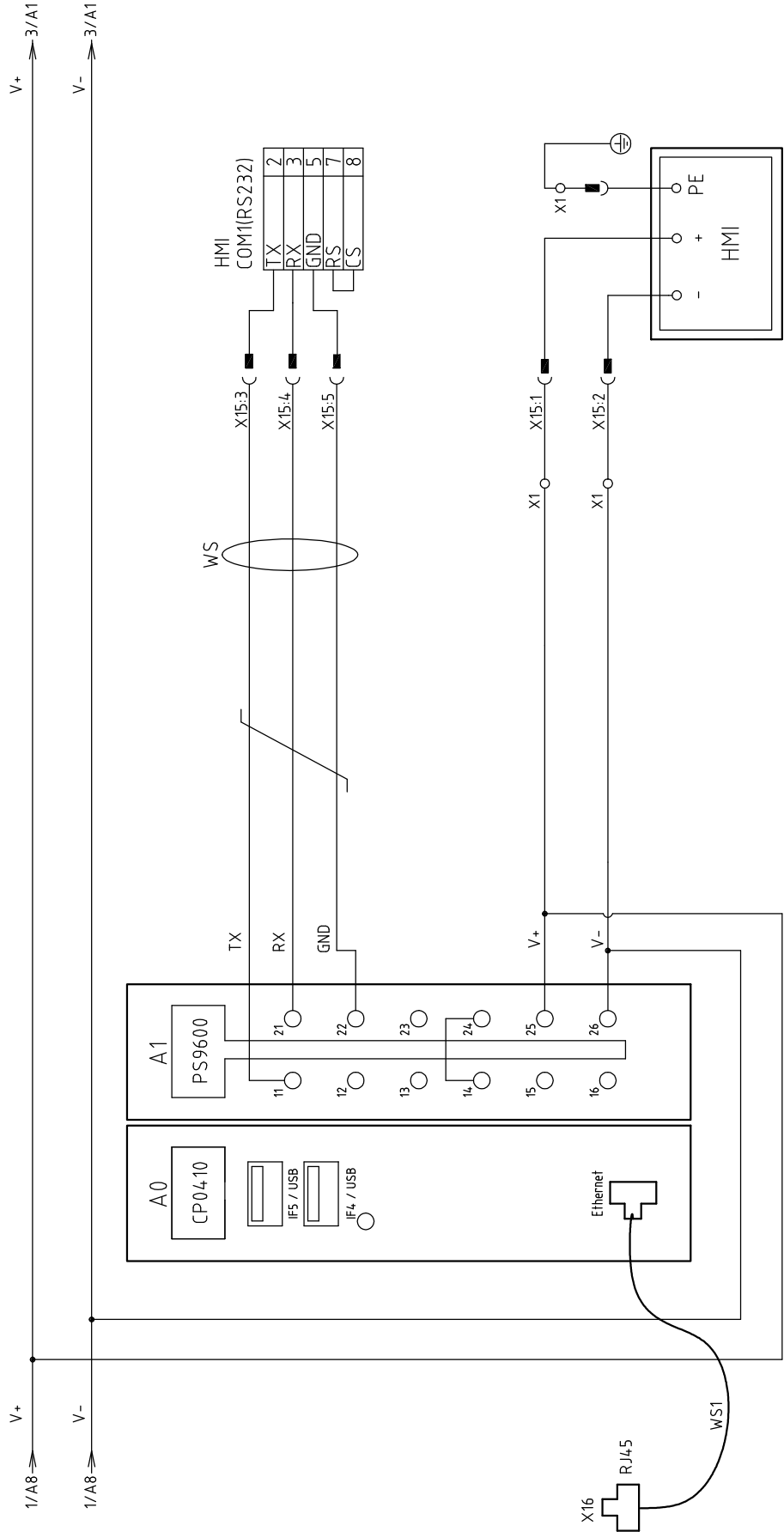
Title		Drawing NO.		Page	
SGB-40-4		SGB-40-4-CE-400V-G-9		9	
Elec. Parts List 1		Standard		CE	
G		Scale		Voltage	
Version		Standard		Frequency	
Approved by		Standard		Totally	
Date		Standard		10	
20201027		Standard		Pages	
20201027		Standard		3Φ4.00V	
20201027		Standard		50Hz	
20201027		Standard		8	





机型版本 Ver.D

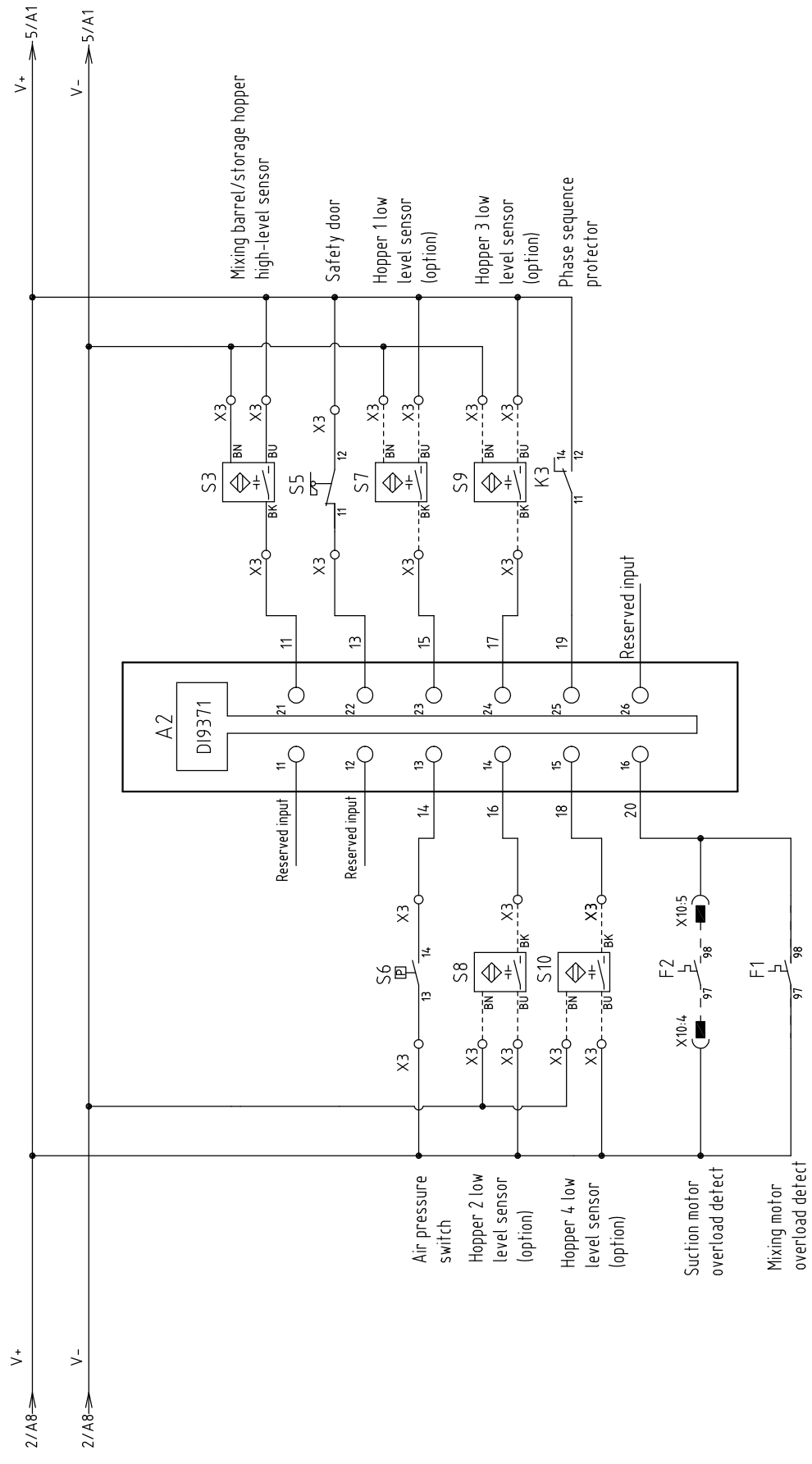
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										SGB-200-4-CE-400V-G-1			Frequency 50Hz
										 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Page 1	
										CE		Totally 10 Pages	
										Voltage		3φ400V	
										Frequency		50Hz	
										Page 1		8	



机型版本 Ver.D

Mark	Before modification	Modified by	Modify date	Checked by	Date	Version	G	Title	Drawing NO.		Scale	Page
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	After modification					Approved by						Totally 10
						Proofread by						Pages
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						Checked by						8
						Checked by						8

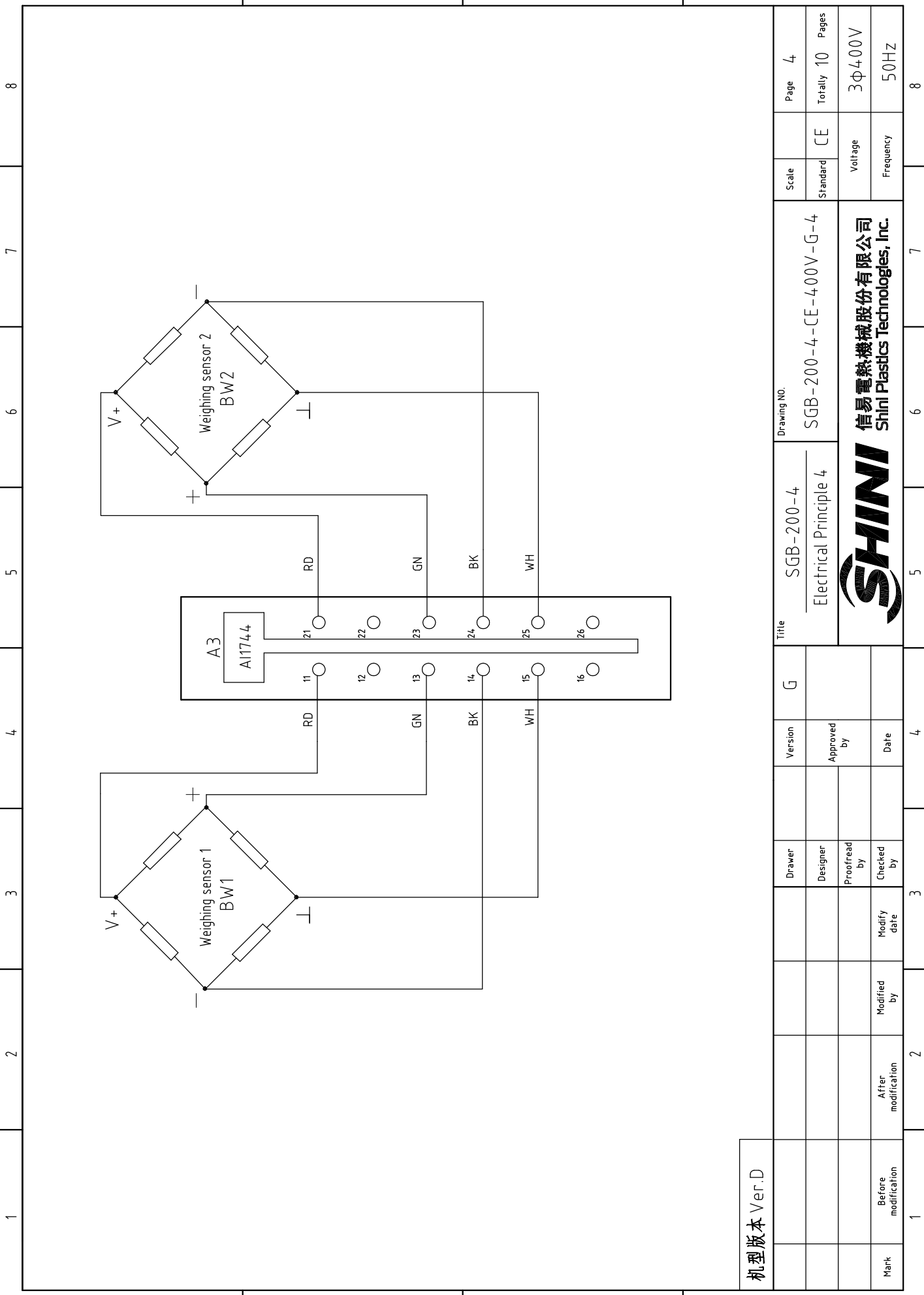




机型版本 Ver.D

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											Frequency	50Hz

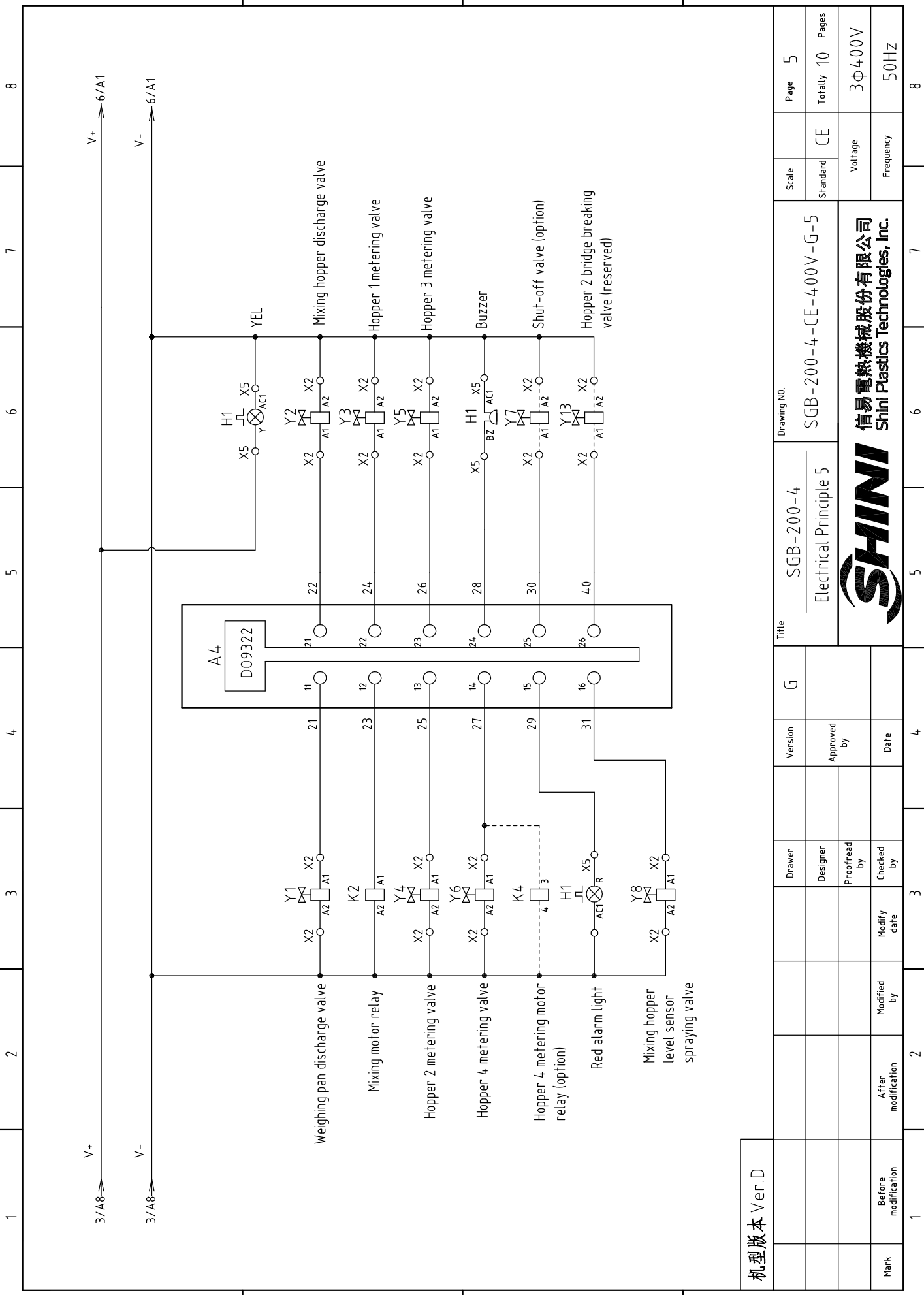




机型版本 Ver.D

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									Approved by					CE	Totally 10
									Date						Pages
															3φ400V
															50Hz
															8

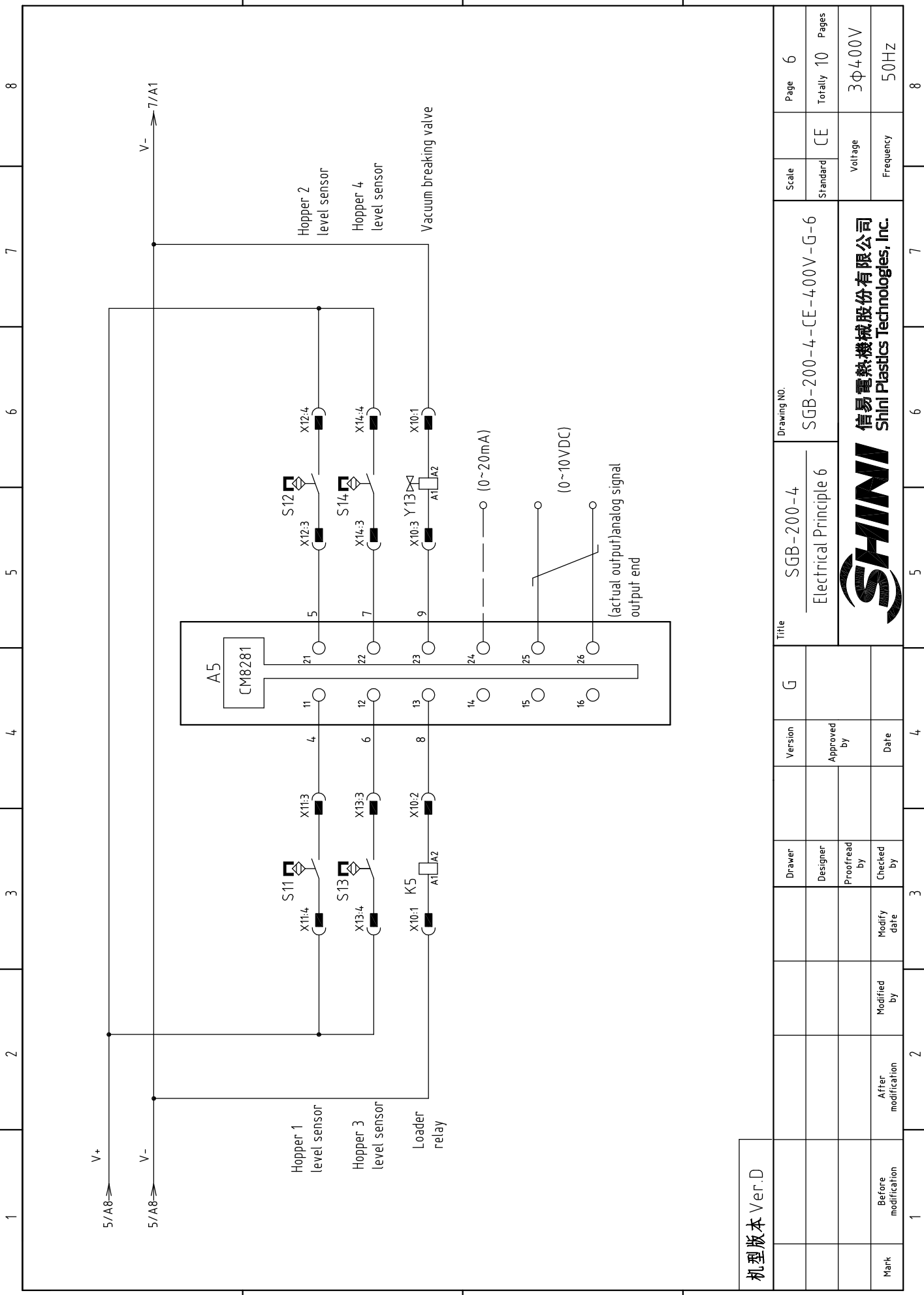




机型版本 Ver.D

1	2	3	4	5	6	7	8
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Drawer							
Version	G						
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						SGB-200-4-CE-400V-G-5	
						Scale	
						Standard	
						Voltage	
						Frequency	
						Page	
						Totally	
						Pages	
						3φ400V	
						50Hz	
						Page 5	
						Totally 10	
						Pages	
						8	

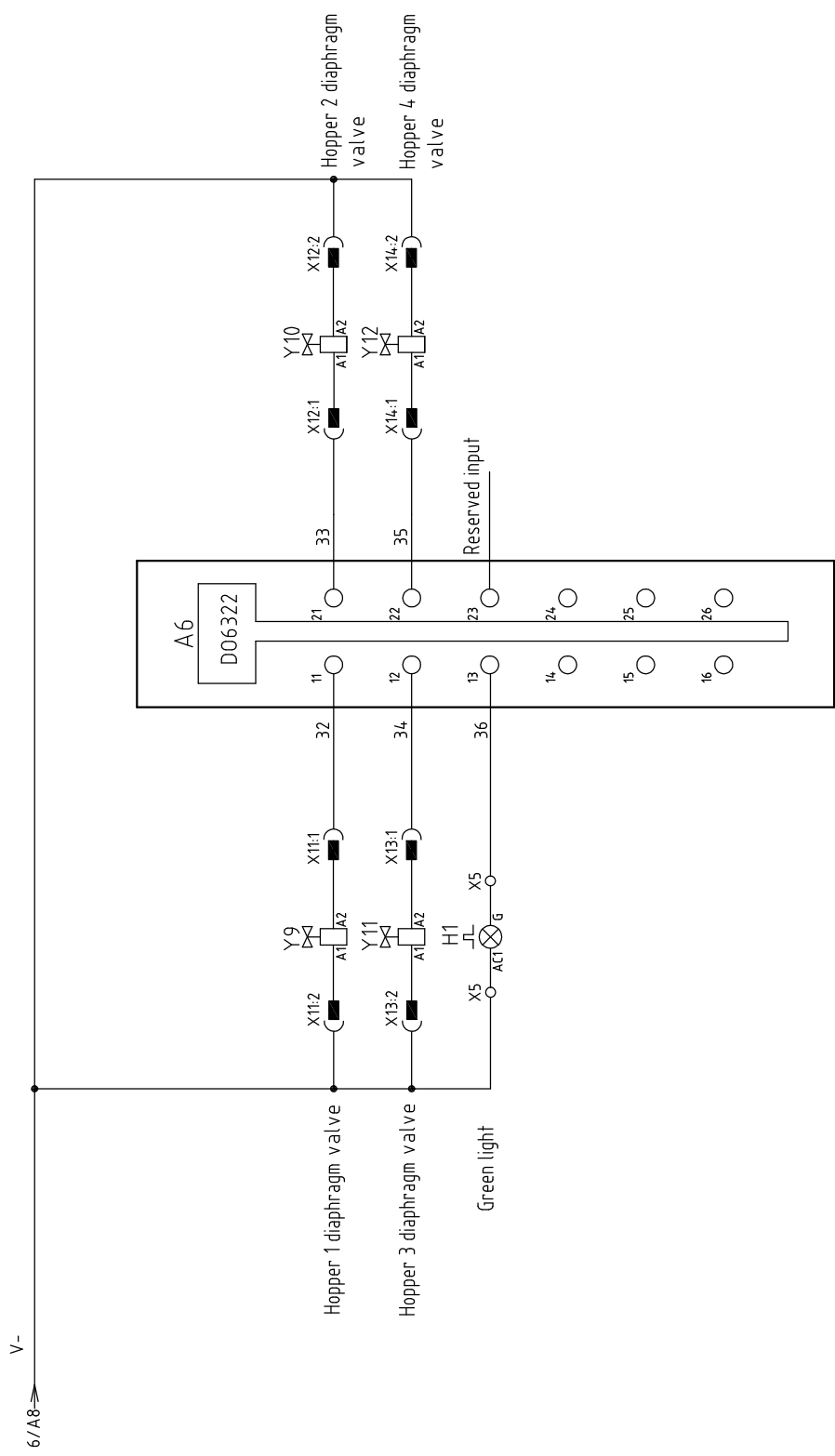




机型版本 Ver.D

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													Voltage	Pages
													3φ400V	10
													Frequency	8
													50Hz	

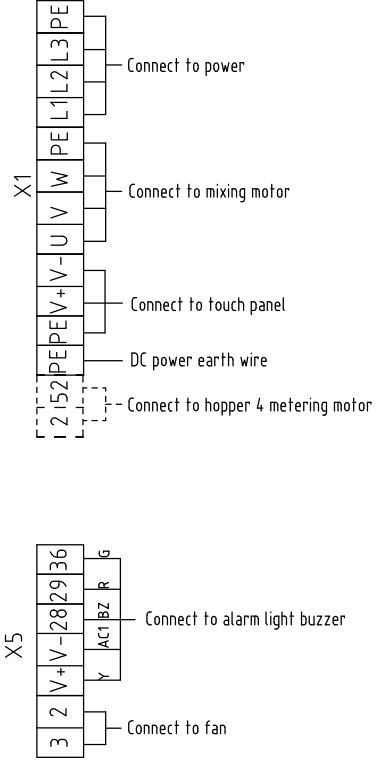
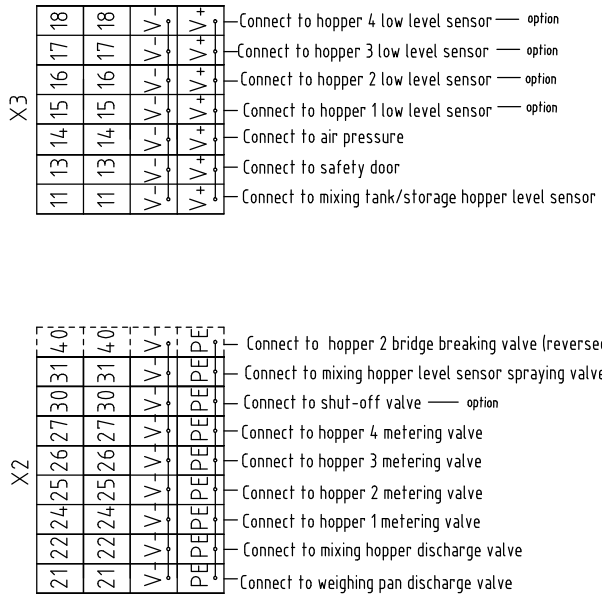
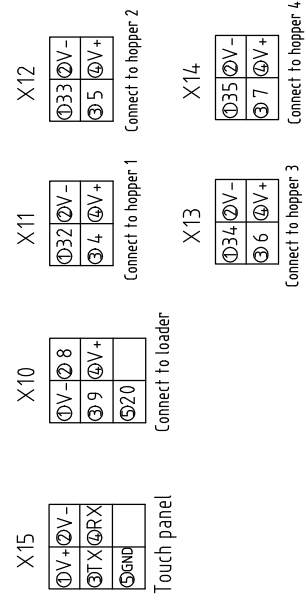
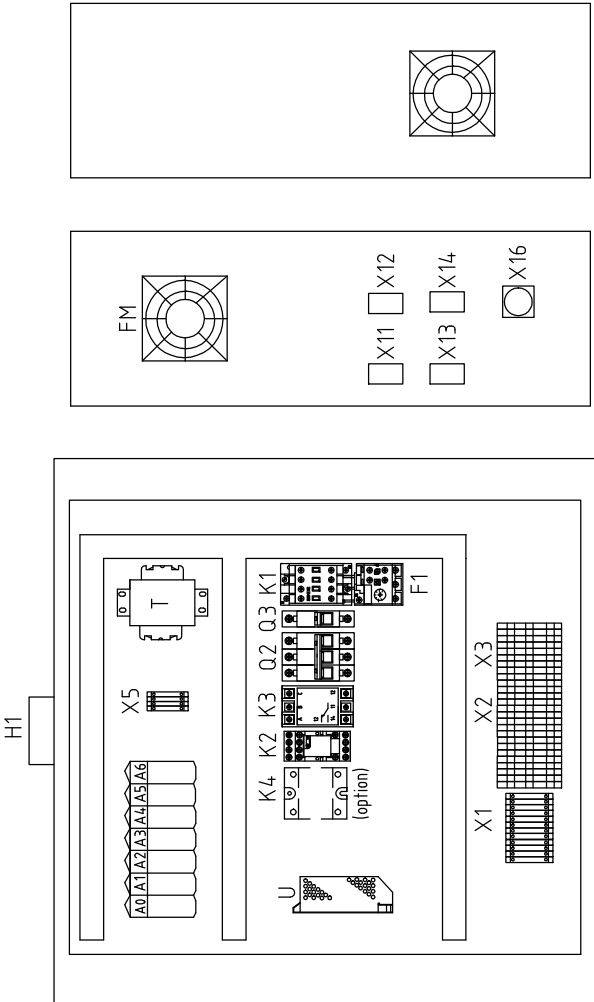




机型版本 Ver.D

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	After modification	Modified by	Modify date	Proofread by	Checked by	Designer	Drawer	Version	SGB-200-4 Electrical Principle 7		Standard	Totally	
										SGB-200-4-CE-400V-G-7		CE	10
										Voltage		3φ400V	
										Frequency		50Hz	
										Drawing NO.		7	
										SGB-200-4-CE-400V-G-7		8	
										信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		8	





机型版本 Ver.D

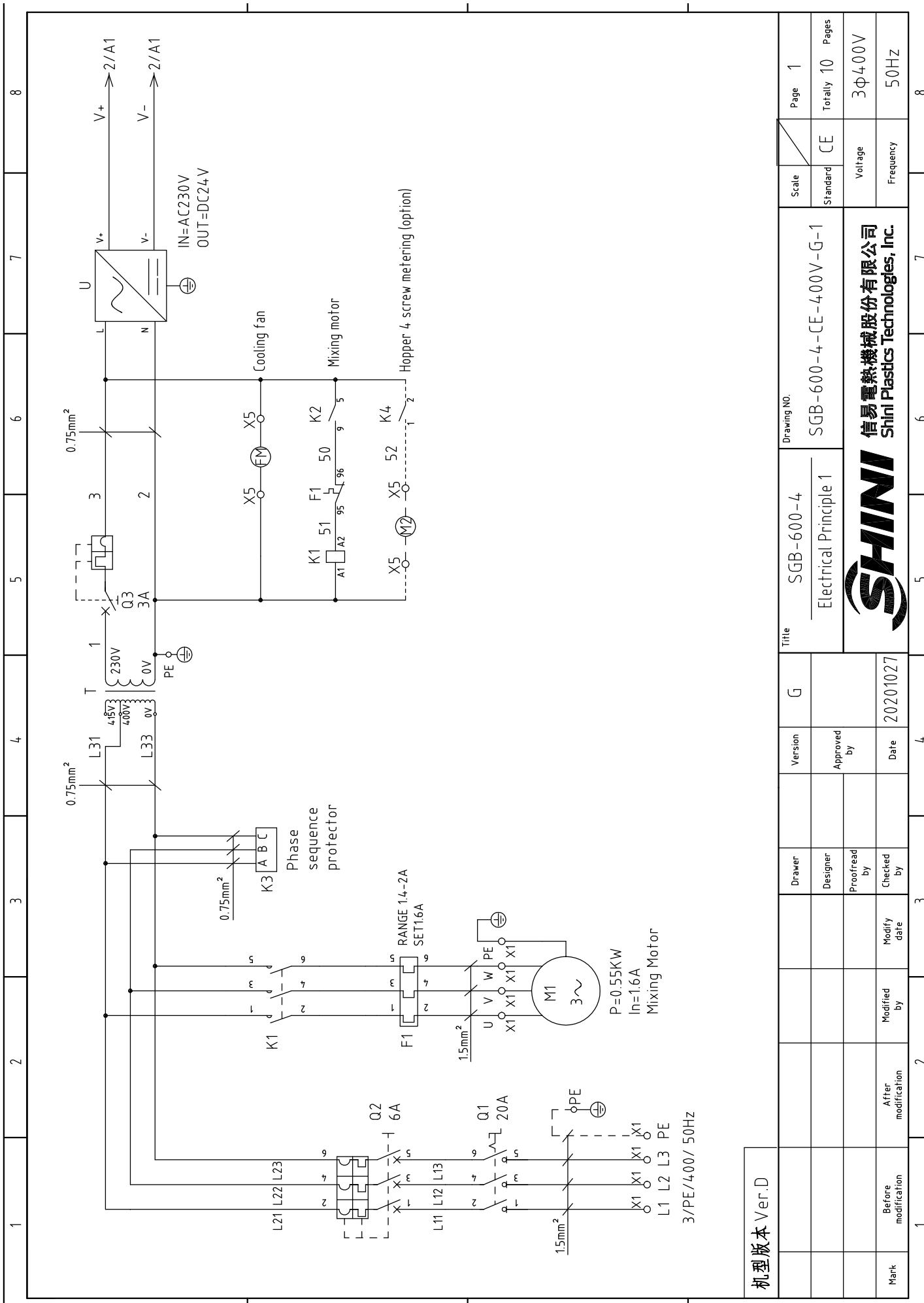
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	SGB-200-4							SGB-200-4-CE-400V-G-8			Scale	Standard	
Elec. layout & Wiring Diagram												Voltage	3φ400V
												Frequency	50Hz
SHINI	信易电热机械股份有限公司 Shini Plastics Technologies, Inc.												

1	2	3	4	5	6	7	8
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number
1	Q1	Main power switch	EATON	TO-2-1/EA/SVB	20A	1	YE10021160000
2	Q2	Circuit breakers	TECO	BM-63C 3P	6A	1	YE40300603000
3	Q3	Circuit breakers	TECO	BM-63C	3A	1	YE40100203000
4	S3	Capacitive proximity switch	IFM	KI 5082	10~36VDC	1	----
5	S7~S10	Capacitive proximity switch	IFM	KI 5082	10~36VDC	4	----
6	S5	Safety switch	SCHMERSRC	AZ152VK-1476	AC-15	1	----
7	S6	Pressure switch	FOX	K45A02	1~12KG	1	----
8	K1	Contactors	SIEMENS	3RT6015-1AN21	230V 50/60Hz	1	YE00601521000
9	K2	Middle relay	WEIDMULLER	DRM2700Z4LT	24VDC 12A	1	YE03272400000
10	K3	Phase sequence relay	CHAOSHI	ABJ2-12W	400V	1	YE03103800000
11	K4	Solid state relay	FOTEK	KSR-40DA-H	40A/480VAC/4-32VDC	1	YE03404003200
12	F1	Thermal overload relays	SIEMENS	3RU6116-0JB0	0.7-1.0A	1	YE01160700000
13	T	Transformer	JIUXIN	IN=400V/415V OUT=230V	500mA	1	YE70040005200
14	U	DC power	MEAN WELL	S-100-24	+24V 4.5A	1	YE71102400000
15	A0~A7	组份秤重量料机控制器/Controller	B&R	-----	-----	1	YE80024000100
16	A0	CPU/controller	B&R	X20 CP0410	-----	1	YE80041000200
17		CPU base	B&R	X20 BB52	-----	1	YE80041100300
18	A1	Power module	B&R	X20 PS9600	-----	1	YE80960000000
19	A2	Input module	B&R	X20 DI9371	-----	1	YE80937100000
20	A3	Weighing module	B&R	X20 AI1744	-----	1	YE80200000500
21	A4	Output module	B&R	X20 DO9322	-----	1	YE80209300000
22	A5	Common module	B&R	X20 CM8281	-----	1	YE80200000700
23	A6	Output module	B&R	X20 DO6322	-----	1	YE80632200000
24		12 core terminal block	B&R	X20 TB12	-----	6	YE80201100000
25		I/O bus module	B&R	X20 BM11	-----	5	YE80200100000

机型版本 Ver.D		Notes: (1) Materials not in the control box; (2) Optional low level sensor; (3) Optional bridge breaking valve; (4) Optional shut-off valve;	
Mark	Before modification	Modified by	Modify date
			20201027
	After modification	Modified by	Modify date
		Designer	Version
		Proofread by	G
		Checked by	
		Approved by	
		Date	
Title		SGB-200-4	
Drawing NO.		SGB-200-4-CE-400V-G-9	
Scale		CE	
Standard		Voltage	
Page 9		3φ400V	
Totally 10 Pages		Frequency	
		50Hz	
		8	

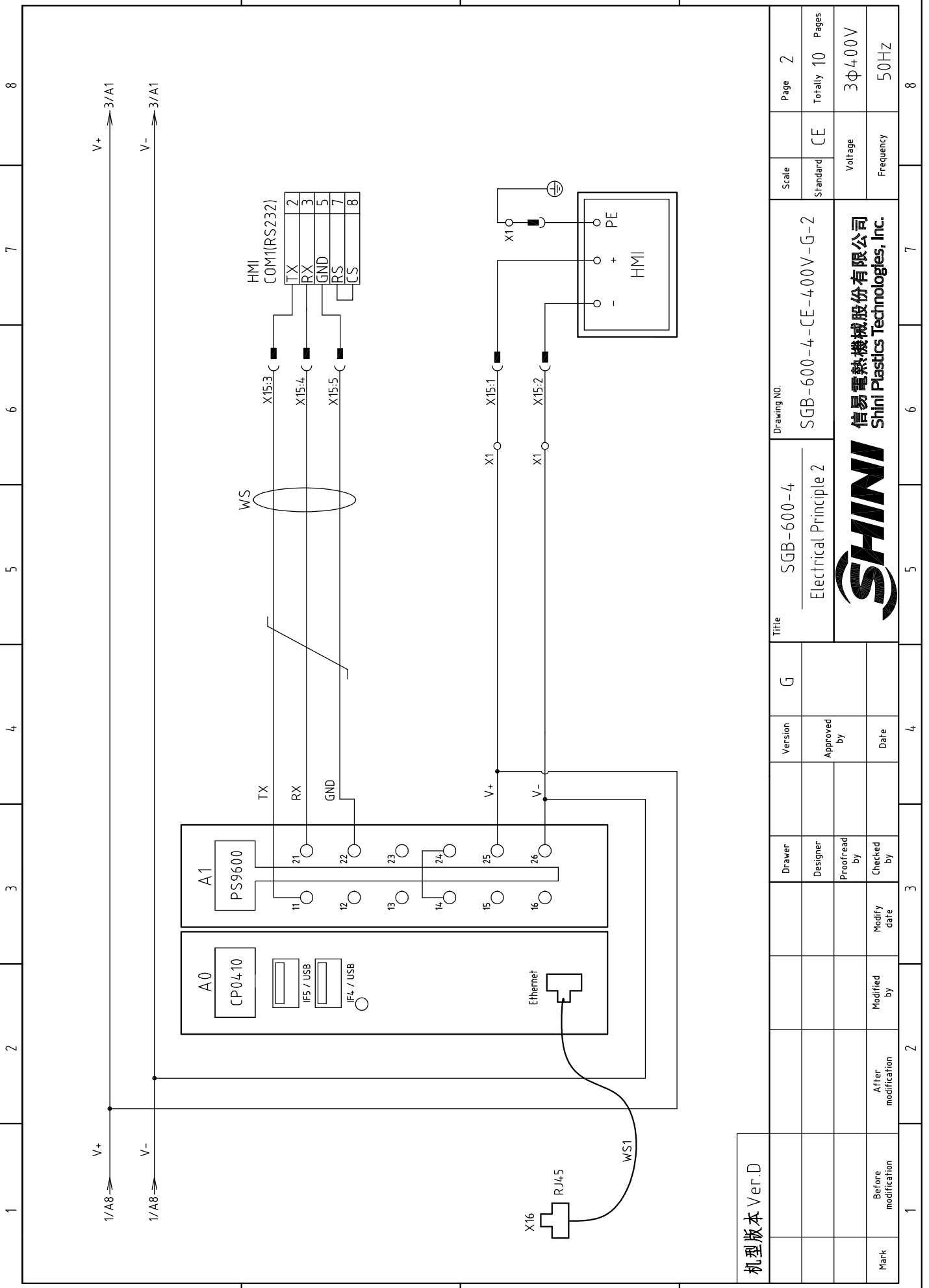


1	2	3	4	5	6	7	8	
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark
26	HMI	Human-machine interface	SCHNEIDER	GXU3512	24VDC	1	YE80351200100	
27	H1	3-color alarm lamp buzzer	SHINI	PK-27A	24VDC	1	BL90002401520	
28	X1	Terminal	Honeywell	SK2.5	2.5mm ²	8	YE60002503200	
29	X1	Terminal	Honeywell	GK2.5PE	2.5mm ² PE	4	YE60002503400	
30	X1	Terminal	Honeywell	SK2.5	2.5mm ²	2	YE60002503200	(5)
31	X2,X3	Terminal	Honeywell	SK2.5-TL	250V 2.5	15	YE60002503600	
32	X2	Terminal	Honeywell	SK2.5-TL	250V 2.5	2	YE60002503600	(3)(4)
33	X5	Terminal	Honeywell	SK2.5	2.5mm ²	7	YE60002503200	
34		Terminal fittings E/GK series	HONEYWELL	----	----	6	YE60000003900	
35		Spring wiring terminal SK-25TL bridging connectors	HONEYWELL	FB10-2.5	----	4	YE60001003600	
36	X11-X14	Heavy duty connector	HARTING	Han 4A-F	4P+PE	4	YE68000401400	
37	X10	Heavy duty connector	HARTING	Han Q5/0-F	5P+PE	1	YE68000501400	
38	X15	Heavy duty connector	HARTING	Han Q5/0-M/F	5P+PE	1	YE68000501200	
39		Cable head	JUKUANG	PG11	PCS	1	YE67001100000	
40	WS	Comm. bus	SHINI	3C×0.75mm ² +2C×0.5mm ²	M	3	YE51102900000	
41		9-pin serial interface (female) has housing and screw	----	----	PCS	1	YE62090000100	
42	FM	Cooling fan	SVNQN	----	220~230VAC 50/60HZ	1	YM60922500100	
43	M1	Mixing motor	MOTOVARIO	0.25kW	400V 50/60Hz	1	----	(1)
44	WS1	Super 5 freq. with network jumper 1M/Ethernet line	----	----	----	1	YE90000101600	
45	X16	以太网插座/Ethernet connector	----	RJ45F71	----	1	YE64457100000	Cancel
46	X16	Ethernet connector	LINGKE	LP-16-J/RJ45/110/SX-03-201	----	1	YE68164501100	New
机型版本 Ver.D Notes: (1) Materials not in the control box; (2) Optional low level sensor; (3) Optional bridge breaking valve; (4) Optional shut-off valve;								
				Title	SGB-200-4		Scale	Page 10
				Elec. Parts List 2		SGB-200-4-CE-400V-G-10		Totally 10 Pages
				Version		CE		
				Approved by		Voltage		3φ400V
				Date		Frequency		50Hz
Mark	Before modification	After modification	Modified by	Modify date	信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.			
				20201027				
1	2	3	4	5	6	7	8	



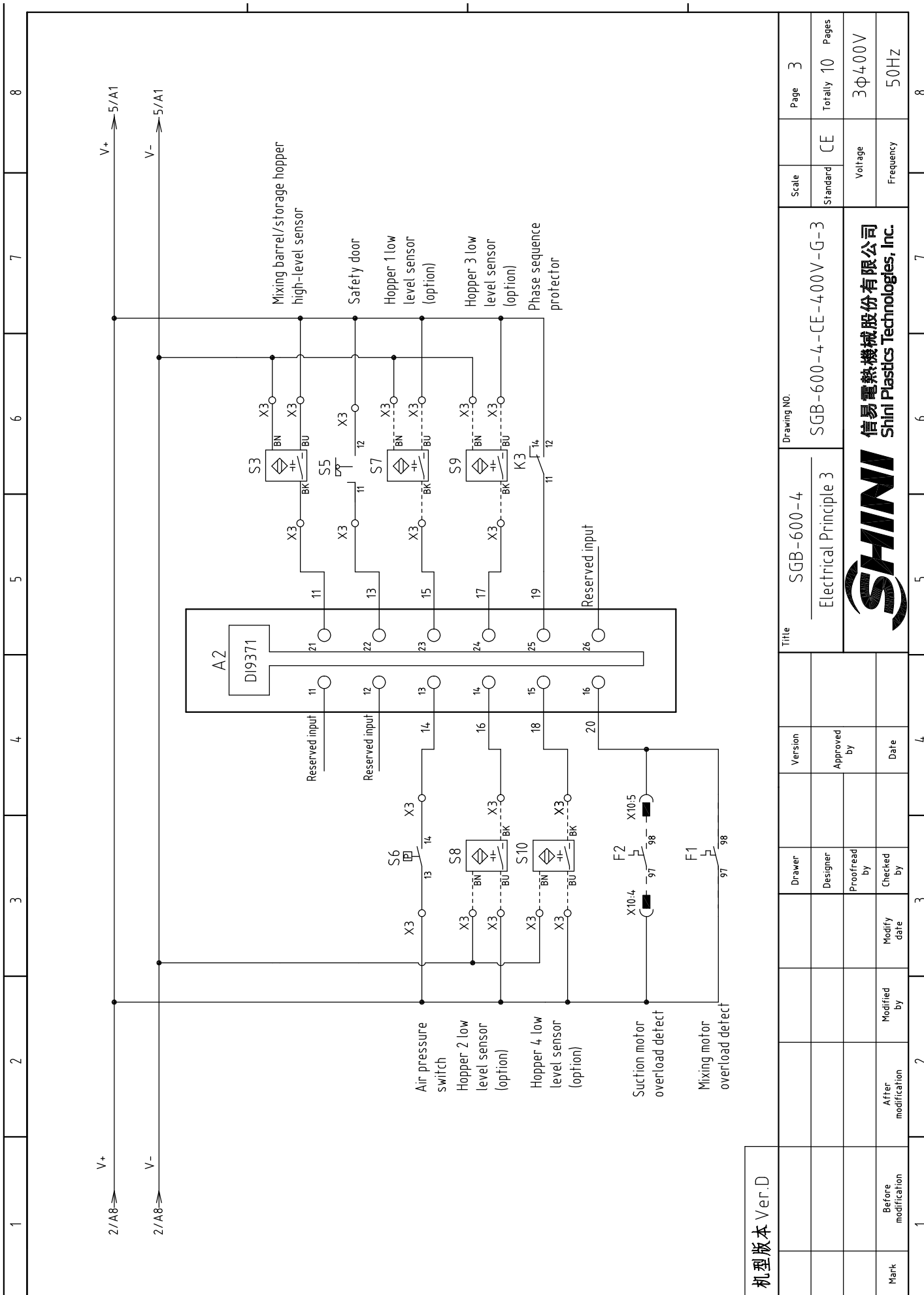
机型版本 Ver.D

Mark	Before modification	After modification	Modified by	Modify date	Checked by	Proofread by	Designer	Drawer	Version	G	Title		Drawing NO.		Scale	Page
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											Electrical Principle 1		CE		Voltage	Totally
											信易电热机械股份有限公司 Shini Plastics Technologies, Inc.				3Φ400V	10
															Frequency	Page
															50Hz	8



机型版本 Ver.D

1	2	3	4	5	6	7	8
Title			Version		Scale		Page
SGB-600-4			G		Standard		2
Electrical Principle 2			Approved by		CE		Totally 10 Pages
Drawing NO.			Date		Voltage		3φ400V
SGB-600-4-CE-400V-G-2					Frequency		50Hz
SHINI							
信易電熱機械股份有限公司							
Shini Plastics Technologies, Inc.							
Mark	Before modification	After modification	Modified by	Modify date	Checked by	Proofread by	Designer
1	2	3	4	5	6	7	8

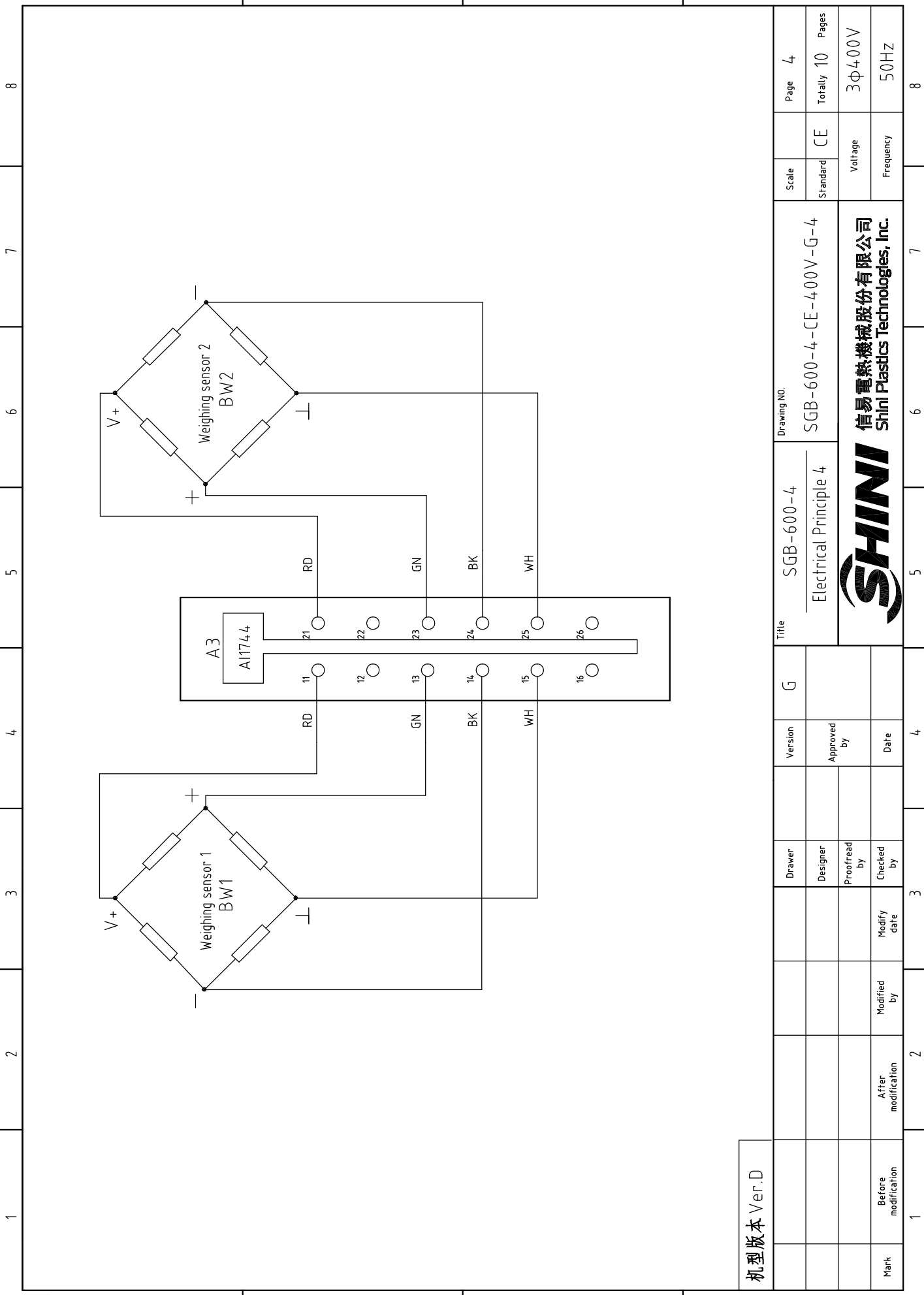


机型版本 Ver.D

1	2	3	4	5	6	7	8
Title		Version		Drawer		Drawing NO.	
SGB-600-4		Electrical Principle 3		SGB-600-4		SGB-600-4-CE-4.00V-G-3	
Scale		Approved by		Standard		Page 3	
Voltage		Date		CE		Totally 10 Pages	
Frequency		Modify date		Voltage		3φ4.00V	
Mark		Modified by		Frequency		50Hz	
After modification		Modified by		Frequency		50Hz	
Before modification		Modified by		Frequency		50Hz	
Mark		Modified by		Frequency		50Hz	
Before modification		Modified by		Frequency		50Hz	
After modification		Modified by		Frequency		50Hz	
Before modification		Modified by		Frequency		50Hz	
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After modification		Modified by		Frequency		50Hz	



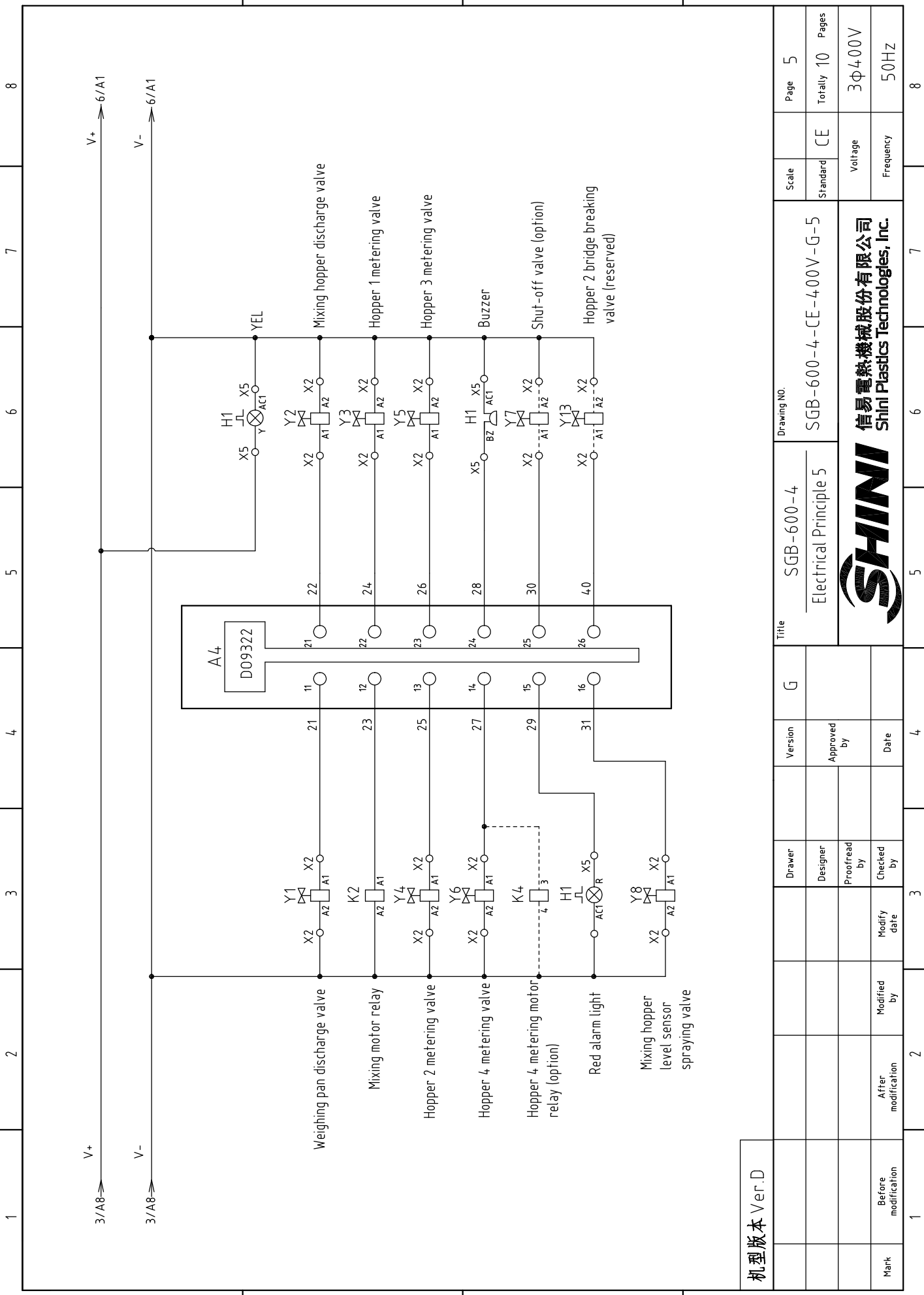
信易電熱機械股份有限公司
Shini Plastics Technologies, Inc.



机型版本 Ver.D

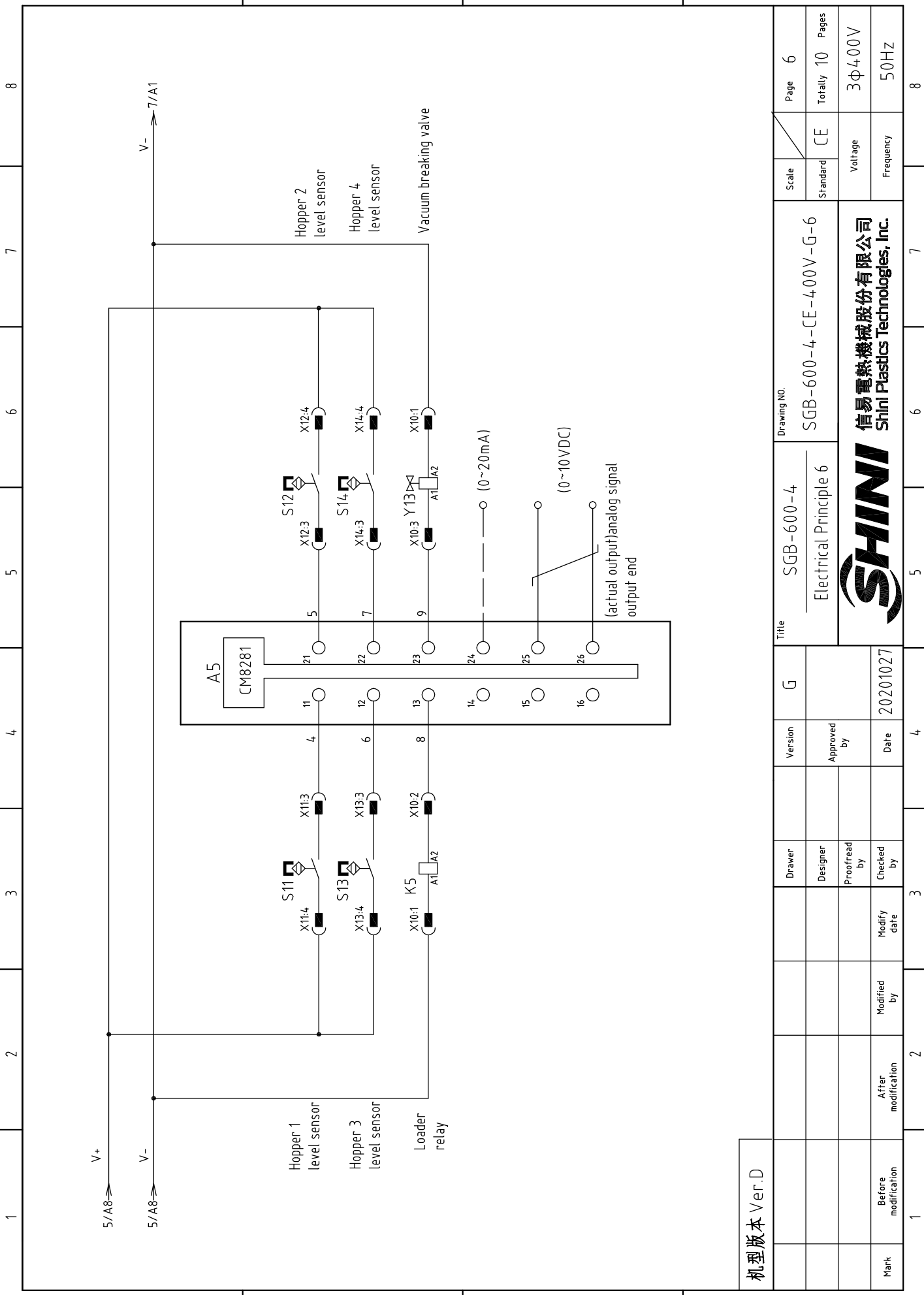
Drawer		Version	G	Title	SGB-600-4		Scale	Page	4
Designer		Approved by		Electrical Principle 4	SGB-600-4-CE-400V-G-4		Standard	Totally	10
Proofread by		Date					Voltage	Frequency	Pages
Checked by		Modify date					3Φ400V	50HZ	
Mark	Before modification	Modified by	2						
	After modification	Modify date	3						
			4						
			5						
			6						
			7						
			8						





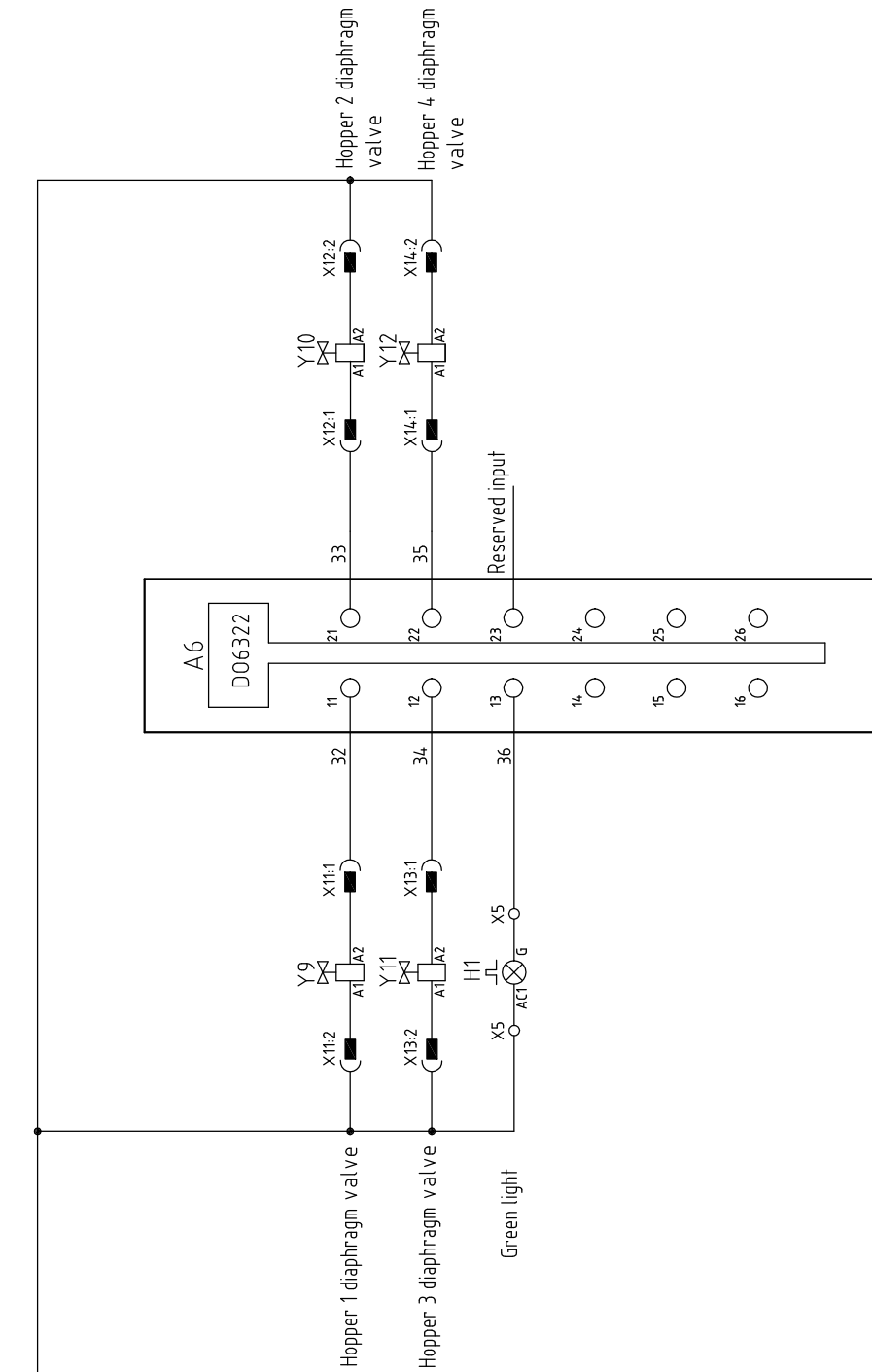
机型版本 Ver.D

1	2	3	4	5	6	7	8
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Electrical Principle 5		G		SGB-600-4-CE-400V-G-5		Standard CE	
Version		Approved by		Voltage		Totally 10 Pages	
Designer		Date		Frequency		3φ400V	
Proofread by		Modified by		Hopper 2 bridge breaking valve (reserved)		50Hz	
Checked by		Modify date		SHINI		信易电热机械股份有限公司	
Mark		After modification		SHINI		Shini Plastics Technologies, Inc.	
Before modification		Modified by		SHINI		Shini Plastics Technologies, Inc.	
1		2		3		4	
5		6		7		8	




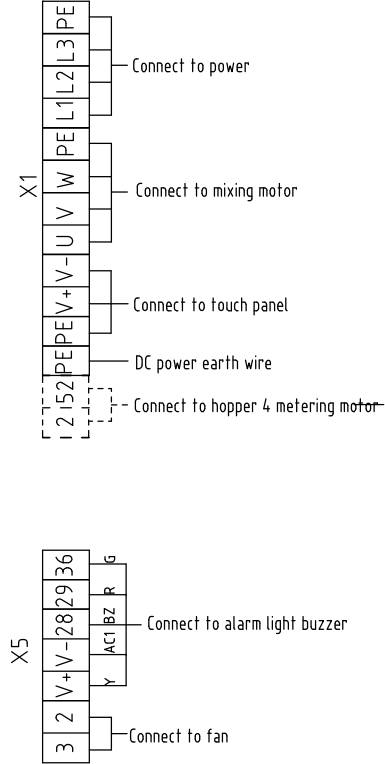
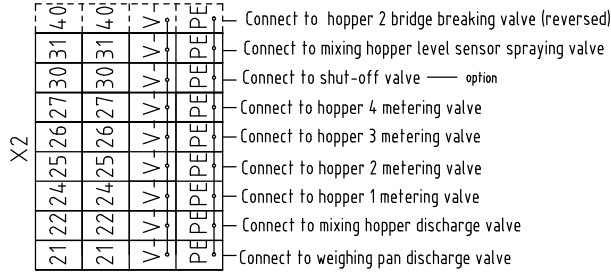
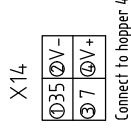
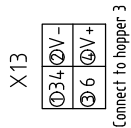
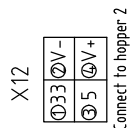
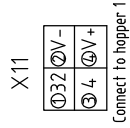
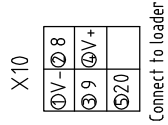
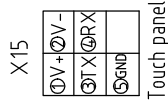
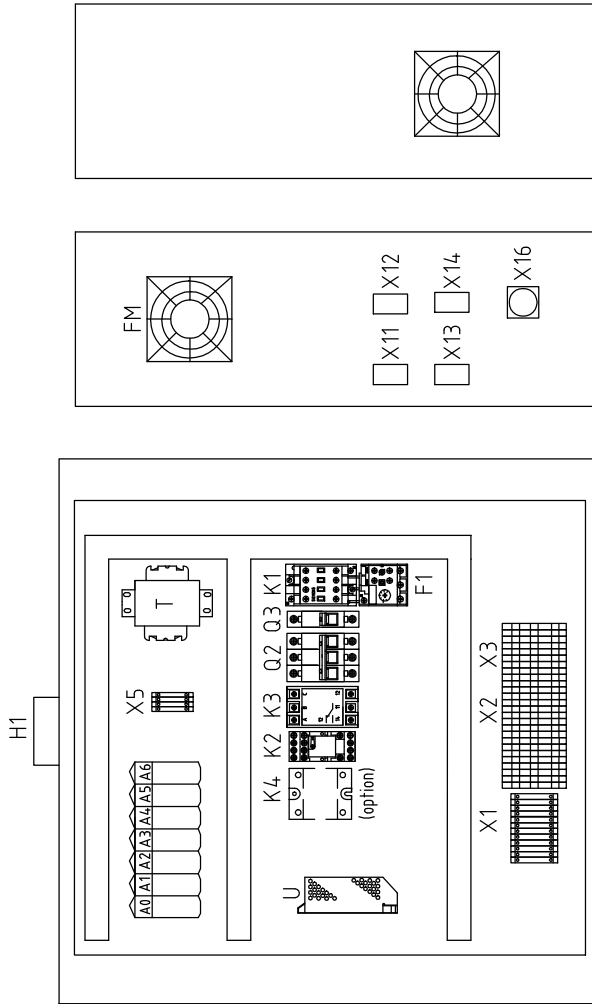
机 型 版 本 Ver.D	G		Version		Title		Drawing NO.		Scale	Page
					SGB-600-4		SGB-600-4-CE-4.00V-G-6		Standard	Totally
			Approved by		Electrical Principle 6				CE	10
			Date						Voltage	Pages
Mark	Before modification	After modification	Modified by	Modify date	Checked by		Checked by		Frequency	
				20201027					3φ4.00V	
									50HZ	
1	2	3	4	5	6	7	8			

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Drawer	Version	Title		Drawing NO.		Scale	Page		
Designer	Approved by	SGB-600-4		SGB-600-4-CE-400V-G-7		Standard	Totally		
Proofread by	Date	Electrical Principle 7		CE		Voltage	Pages		
Checked by	Modify date	 信易电热机械股份有限公司 Shini Plastics Technologies, Inc.		Frequency		3φ400V	10		
Modified by	Modify date			50HZ				8	
Mark	Before modification	1	2	3	4	5	6	7	8



机型版本 Ver.D

Title	SGB-600-4	Scale	Page 8
	Elec. layout & Wiring Diagram		Totally 10 Pages
Drawing NO.	SGB-600-4-CE-4.00V-G-8		Standard CE
Mark	Before modification	After modification	Voltage 3φ4.00V
			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	EATON	T0-2-1/EA/SVB	20A	1	YE10021160000	
2	Q2	Circuit breakers	TECO	BM-63C 3P	6A	1	YE40300603000	
3	Q3	Circuit breaker	TECO	BM-63C	3A	1	YE40100203000	
4	S3	Capacitive proximity switch	IFM	KI 5082	10~36VDC	1	----	(1)
5	S7~S10	Capacitive proximity switch	IFM	KI 5082	10~36VDC	4	----	(1) (2)
6	S5	Safety switch	SCHMERSRC	AZ152VK-14.76	AC-15	1	----	(1)
7	S6	Pressure switch	FOX	K4SA02	1~12KG	1	----	(1)
8	K1	Contactors	SIEMENS	3RT6015-1AN21	230V 50/60Hz	1	YE00601521000	
9	K2	Middle relay	WEIDMULLER	DRM270024LT	24VDC 12A	1	YE032724.00000	
10	K3	Phase sequence relay	CHAOSHI	ABJ2-12W	4.00V	1	YE03103800000	
11	K4	Solid state relay	FOTEK	KSR-40DA-H	4.0A/480VAC/4~32VDC	1	YE034.04.003200	(5)
12	F1	Thermal overload relays	SIEMENS	3RU6116-1BB0	1.4-2A	1	YE0116014.0000	
13	T	Transformer	JIUXIN	IN=4.00V/4.15V OUT=230V	500mA	1	YE7004.0005200	
14	U	DC power	MEAN WELL	S-100-24	+24V 4.5A	1	YE711024.00000	
15	A0~A7	4组价秤重量材料控制器/Controller	B&R	----	----	1	YE80024.0000100	Cancel
16	A0	CPU/controller	B&R	X20 CP04.10	----	1	YE8004.1000200	New
17		CPU base	B&R	X20 BB52	----	1	YE8004.1100300	New
18	A1	Power module	B&R	X20 PS9600	----	1	YE80960000000	New
19	A2	Input module	B&R	X20 DI9371	----	1	YE80937100000	New
20	A3	Weighing module	B&R	X20 AI1744	----	1	YE80200000500	New
21	A4	Output module	B&R	X20 DO9322	----	1	YE80209300000	New
22	A5	Common module	B&R	X20 CM8281	----	1	YE80200000700	New
23	A6	Output module	B&R	X20 DO6322	----	1	YE80632200000	New
24		12 core terminal block	B&R	X20 TB12	----	6	YE80201100000	New
25		I/O bus module	B&R	X20 BM11	----	5	YE80200100000	New
机型版本 Ver.D								
Notes: (1) Materials not in the control box; (2) Optional low level sensor; (3) Optional bridge breaking valve; (4) Optional shut-off valve;								
			Drawer	Version	Title		Scale	Page 9
			Designer	Approved by	SGB-600-4		Standard	Totally 10 Pages
			Proofread by	Date	Elec. Parts List 1		CE	
			Checked by	20201027			Voltage	3φ4.00V
Mark			Before modification	Modified by	Modify date	Frequency		50Hz
1	2	3	4	5	6	7	8	




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1	2	3	4	5	6	7	8	
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark
26	HMI	Human-machine interface	SCHNEIDER	GXU3512	24VDC	1	YE80351200100	
27	H1	3-color alarm lamp buzzer	SHINI	PK-27A	24VDC	1	BL90002401520	
28	X1	Terminal	Honeywell	SK2.5	2.5mm ²	8	YE60002503200	
29	X1	Terminal	Honeywell	GK2.5PE	2.5mm ² PE	4	YE60002503400	
30	X1	Terminal	Honeywell	SK2.5	2.5mm ²	2	YE60002503200	(5)
31	X2,X3	Terminal	Honeywell	SK2.5-TL	250V 2.5	15	YE60002503600	
32	X2	Terminal	Honeywell	SK2.5-TL	250V 2.5	2	YE60002503600	(3)(4)
33	X5	Terminal	Honeywell	SK2.5	2.5mm ²	7	YE60002503200	
34		Terminal fittings E/GK series	HONEYWELL	----	----	6	YE60000003900	
35		Spring wiring terminal SK-25TL bridging connectors	HONEYWELL	FB10-2.5	----	4	YE60001003600	
36	X11~X14	Heavy duty connector	HARTING	Han 4A-F	4P+PE	4	YE68000401400	
37	X10	Heavy duty connector	HARTING	Han Q5/0-F	5P+PE	1	YE68000501400	
38	X15	Heavy duty connector	HARTING	Han Q5/0-M/F	5P+PE	1	YE68000501200	
39		Cable head	JUKUANG	PG11	PCS	1	YE67001100000	
40	WS	Comm. bus	SHINI	3C(x0.75mm ² + 2C x 0.5mm ²)	M	3	YE51102900000	
41		9-pin serial interface (female) has housing and screw	----	----	PCS	1	YE62090000100	
42	FM	Cooling fan	SVNQN	----	220~230VAC 50/60HZ	1	YM60922500100	
43	M1	Mixing motor	MOTOVARIO	0.55kW	400V 50/60HZ	1	----	(1)
44	WS1	Super 5 freq. with network jumper 1M/Ethernet line	----	----	----	1	YE90000101600	
45	X16	以太网插座/Ethernet connector	----	RJ45F71	----	1	YE64457100000	Cancel
46	X16	Ethernet connector	LINGKE	LP-16-J/RJ45/110/SX-03-201	----	1	YE68164501100	New

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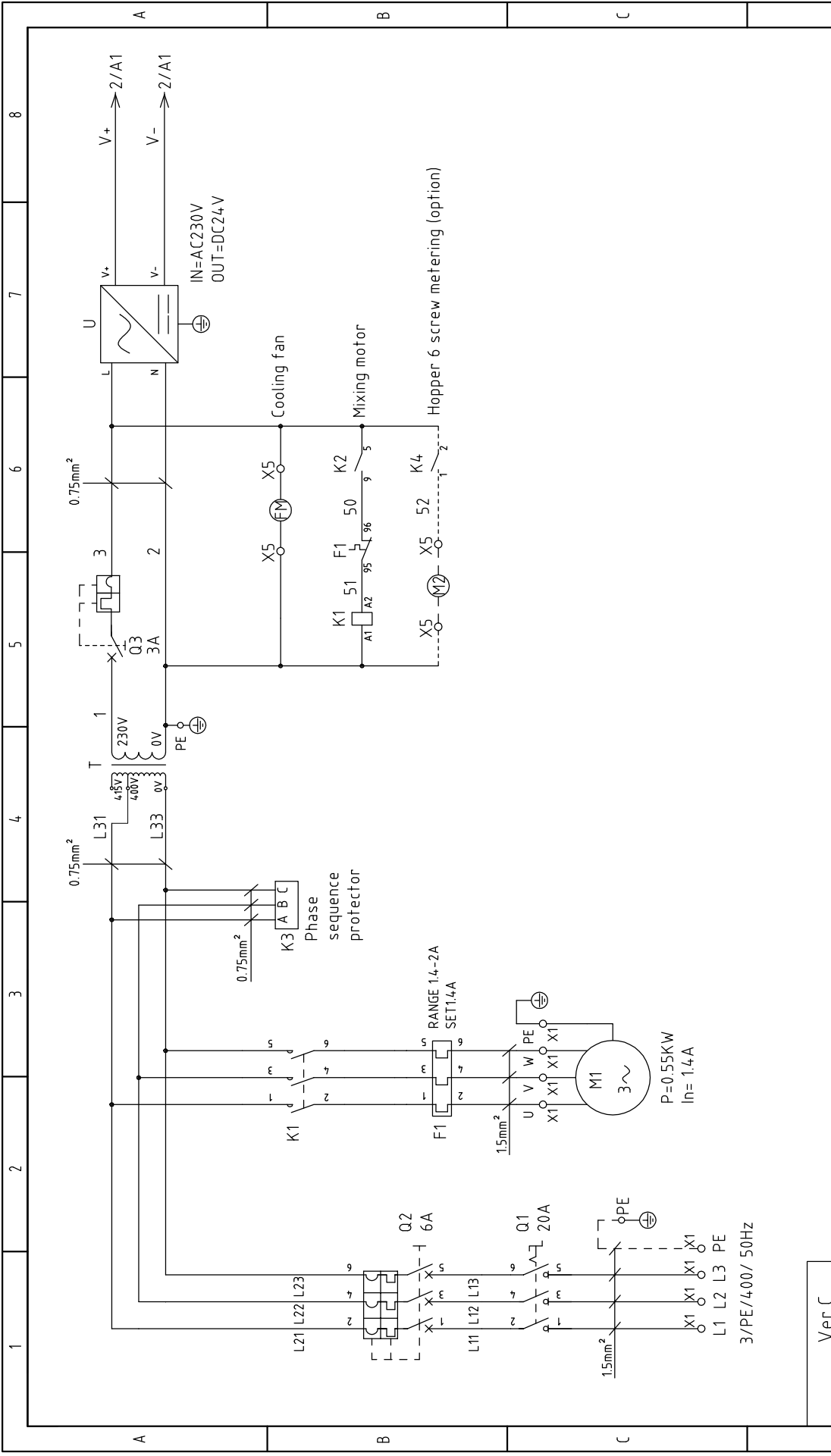
Notes: (1) Materials not in the control box; (2) Optional low level sensor; (3) Optional bridge breaking valve; (4) Optional shut-off valve;

Drawer	Version	G	Title	SGB-600-4	Scale	Page	10
Designer	Approved by		Elec. Parts List 2	SGB-600-4-CE-400V-G-10	Standard	Totally	10 Pages
Proofread by	Date				CE	Voltage	3φ400V
Checked by	20201027				Frequency	50Hz	



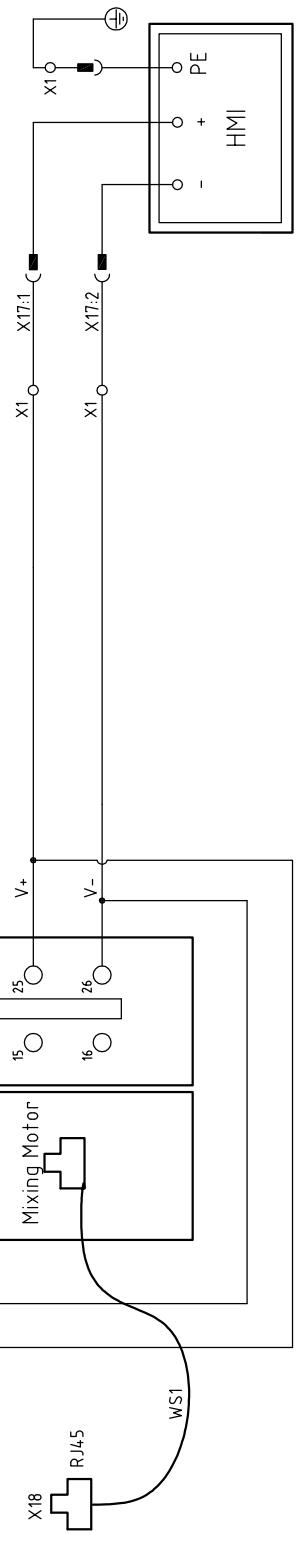
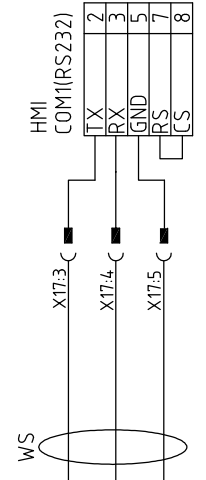
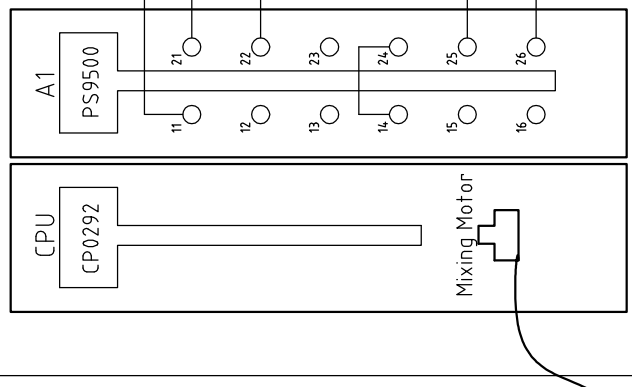
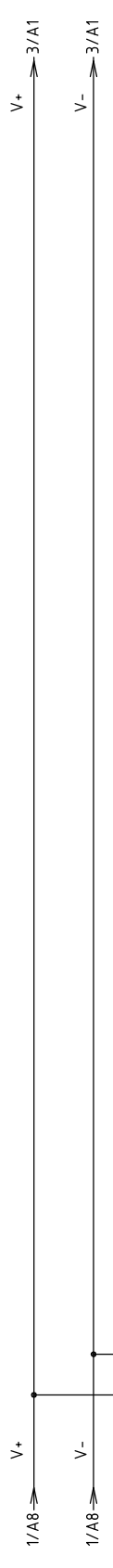
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1 2 3 4 5 6 7 8



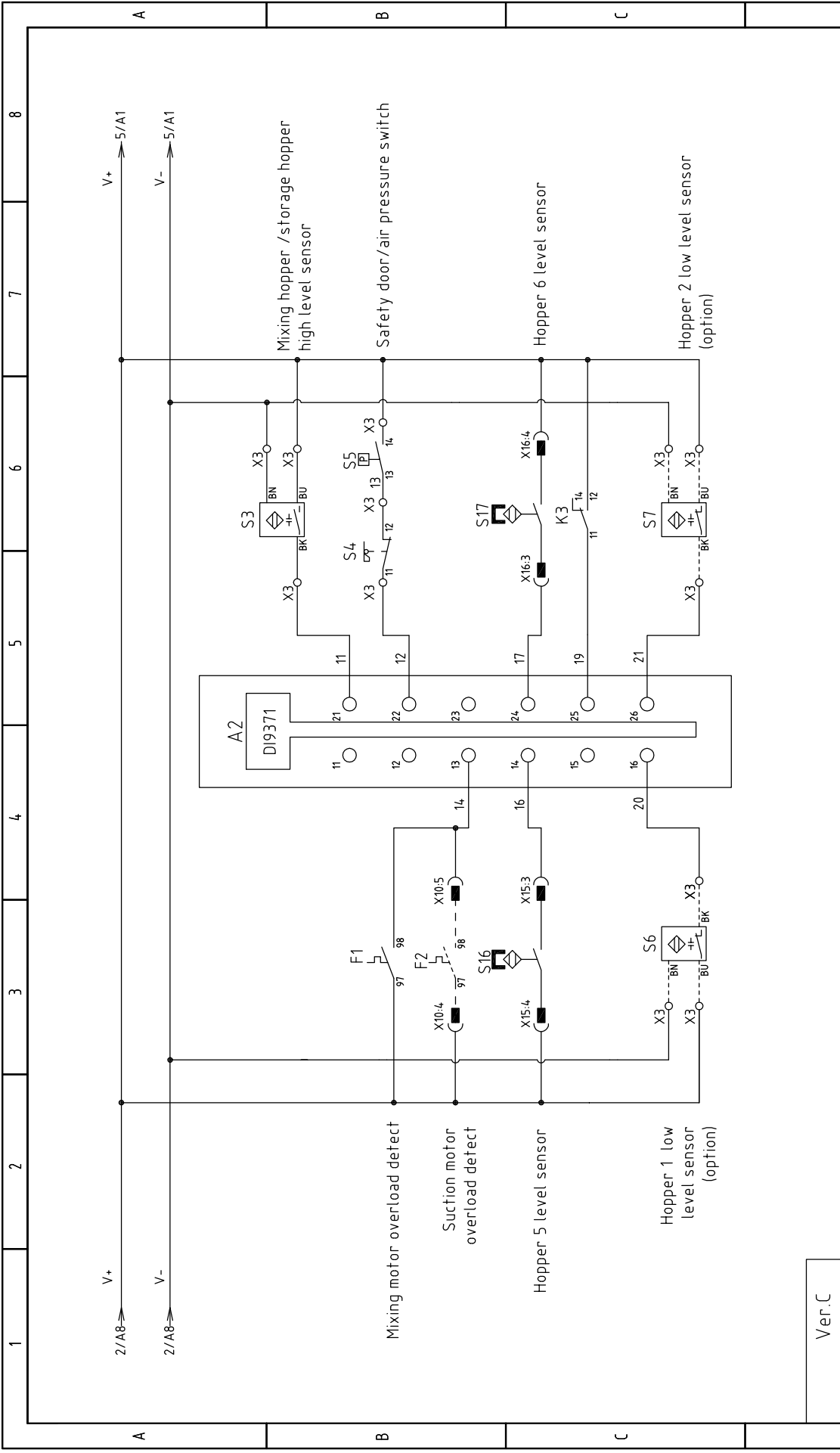
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Ver.C							
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			20190808				C
Title				SGB-600-6			
Drawing NO.				SGB-2000/3000-6-CE-400V-B-1			
Standard				CE			
Voltage				3/400V			
Frequency				50Hz			
Page				1			
Totally				12			
Pages				3/400V			
Frequency				50Hz			






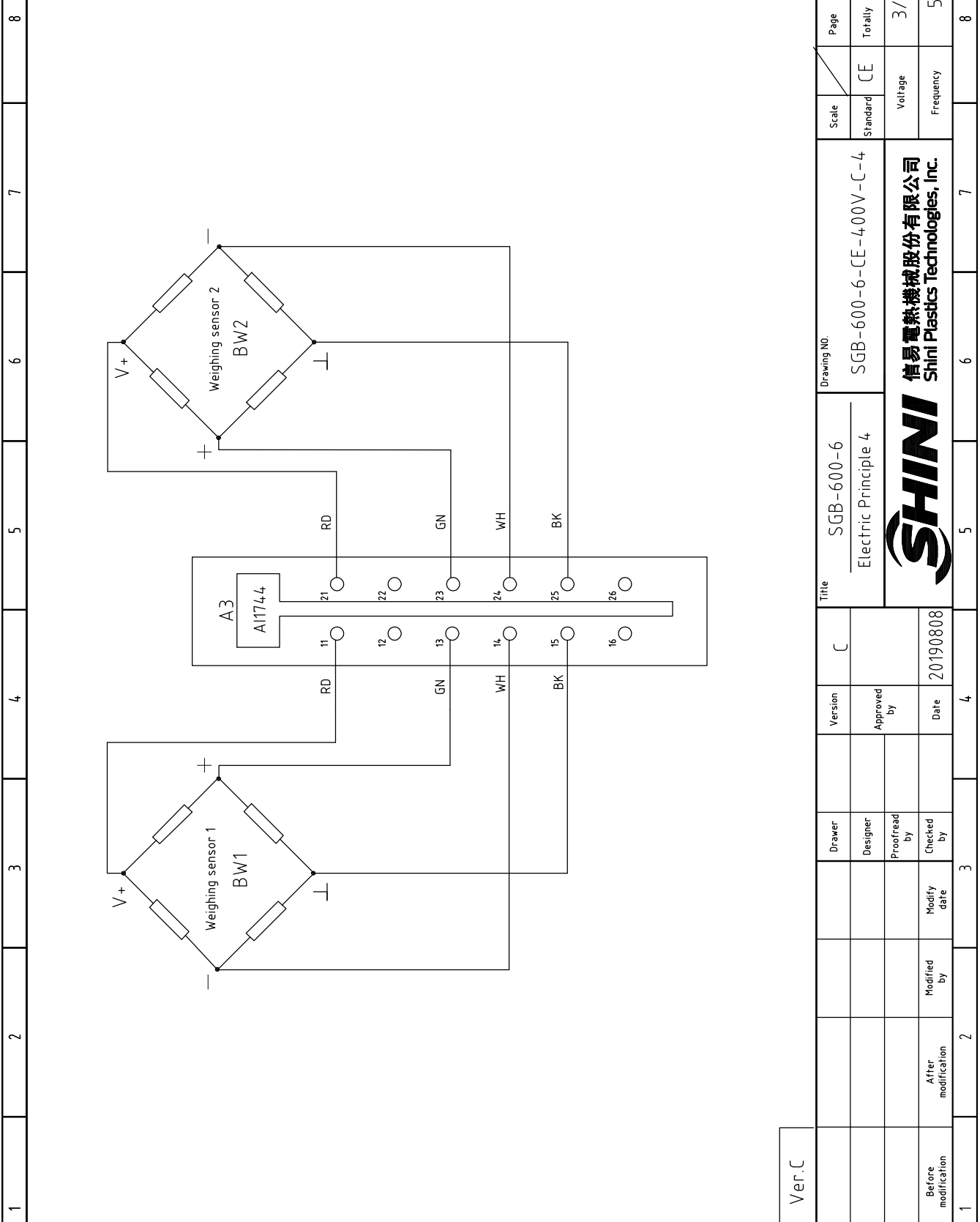
Ver.C

D	Ver.C	Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date	20190808	Approved by	Version	C	Title	Drawing NO.		Scale	Page 2	
														SGB-600-6	Electric Principle 2			Standard
														SGB-600-6-CE-400V-C-2		Voltage		
														Frequency				
														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											



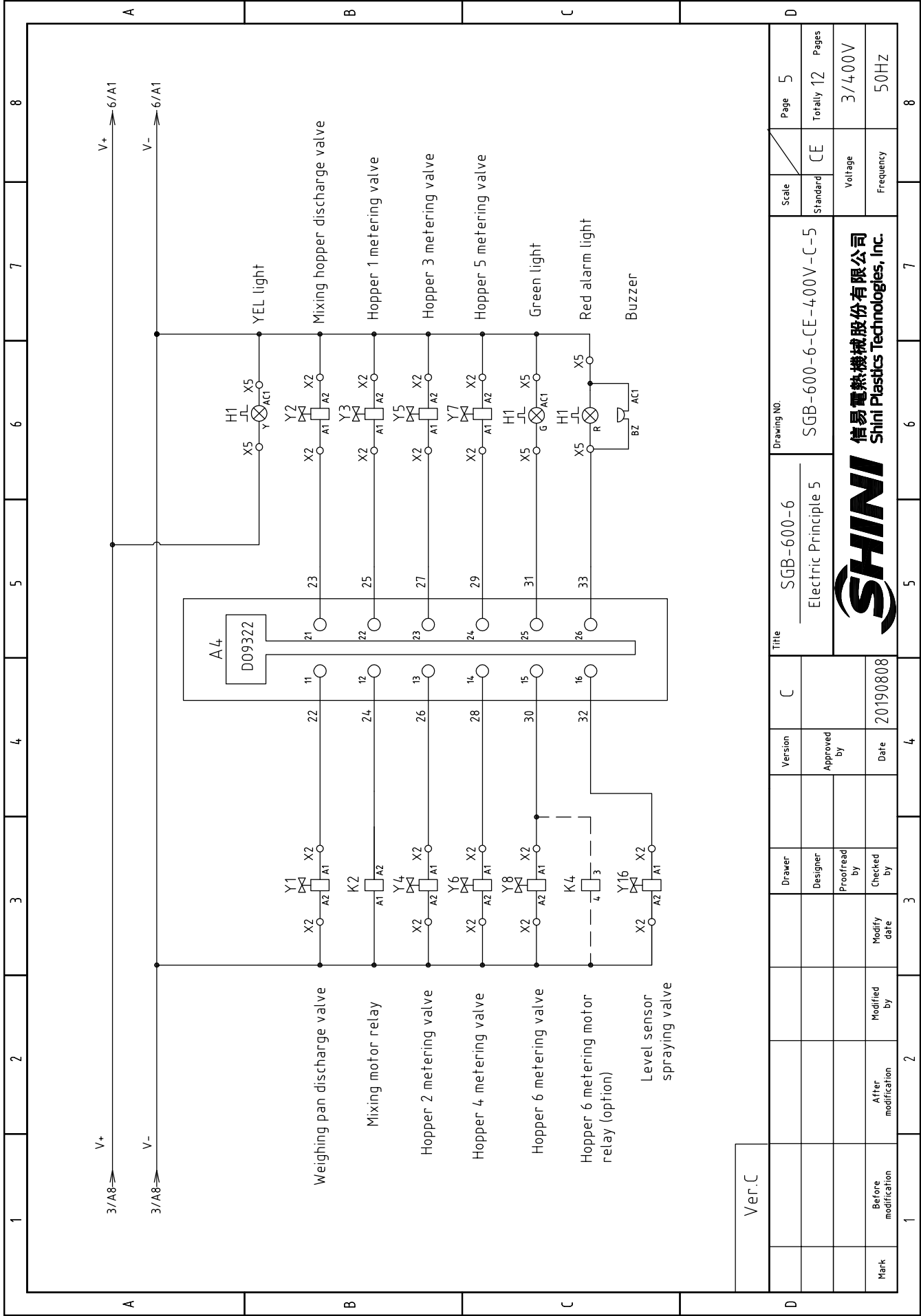
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D	Scale	Standard	CE	Page	3
	Standard	CE	Totally	12	Pages
Drawing NO.		SGB-600-6-CE-400V-C-3		Voltage	3/400V
Title		SGB-600-6 Electric Principle 3		Frequency	50HZ
Version		C		 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.	
Designer	Approved by				
Proofread by	Date				
Checked by	20190808				
Mark	Before modification	Modified by	Modify date	3	4
	After modification			5	7
1	2	3	4	5	8



Ver.C

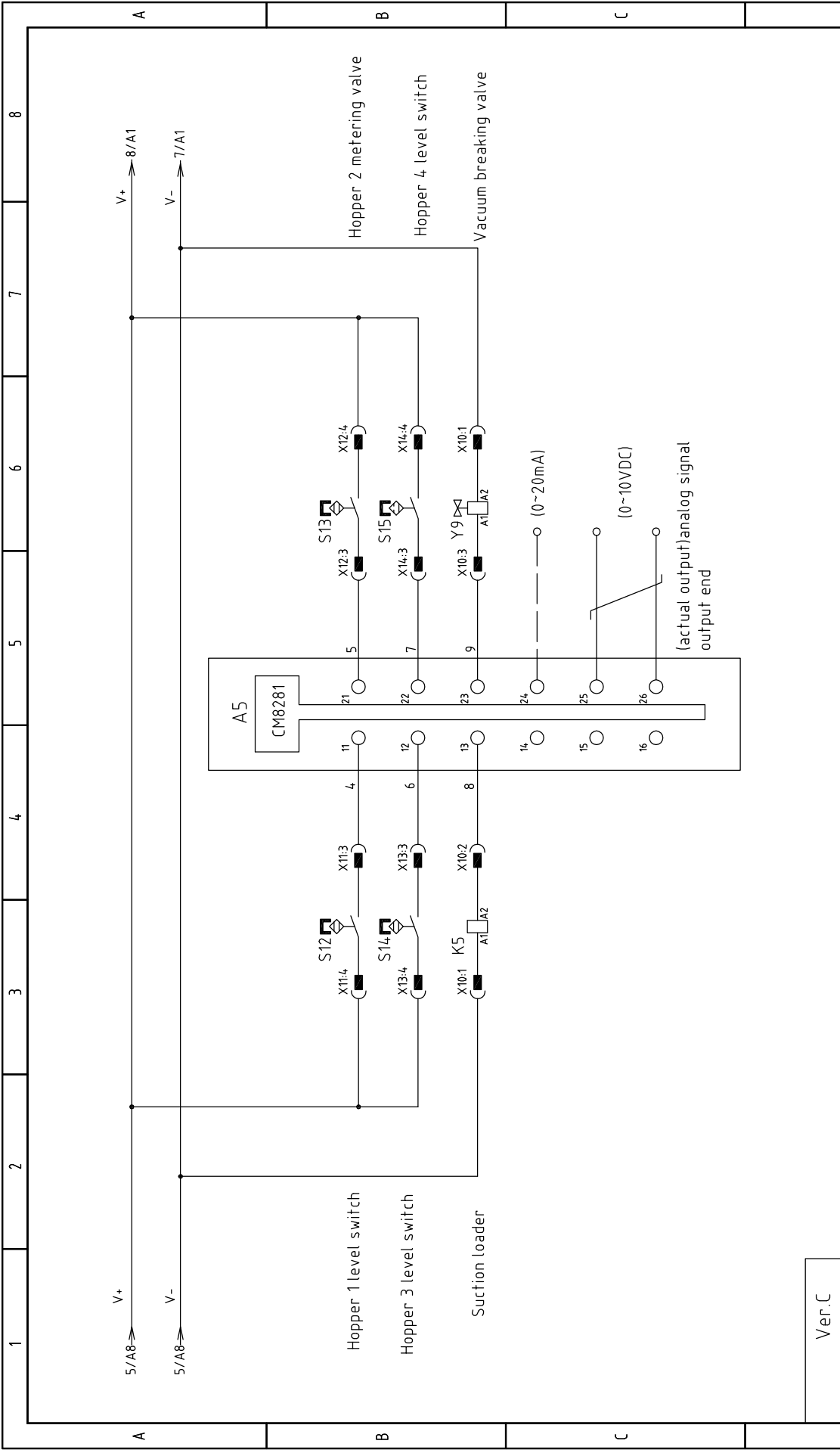
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SGB-600-6											CE	4		
Electric Principle 4											Voltage	12		
SHINI 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.											Frequency	Pages		
											3/400V	8		
											50Hz			



Ver.C

D	Title			Drawing NO.		Scale	Page
	SGB-600-6 Electric Principle 5			SGB-600-6-CE-400V-C-5		Standard CE	Totally 12 Pages
Mark	Before modification	Modified by	Modify date	Date	20190808	Voltage 3/400V	Frequency 50HZ
	After modification	Modified by	Modify date				
Version				C		8	
Designer				Approved by		7	
Drawer				Date		6	
Proofread by				Date		5	
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Before modification				Date		1	

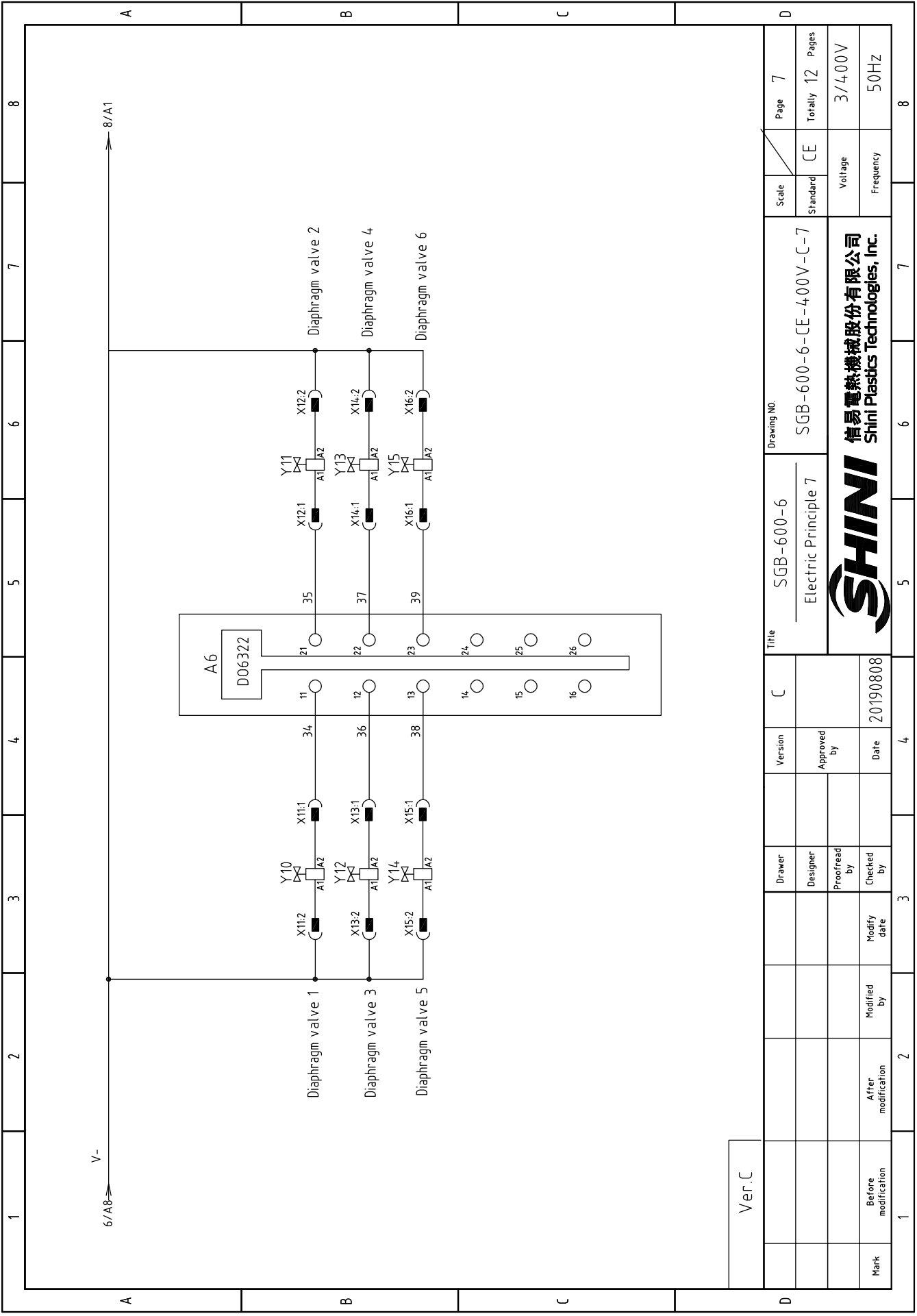




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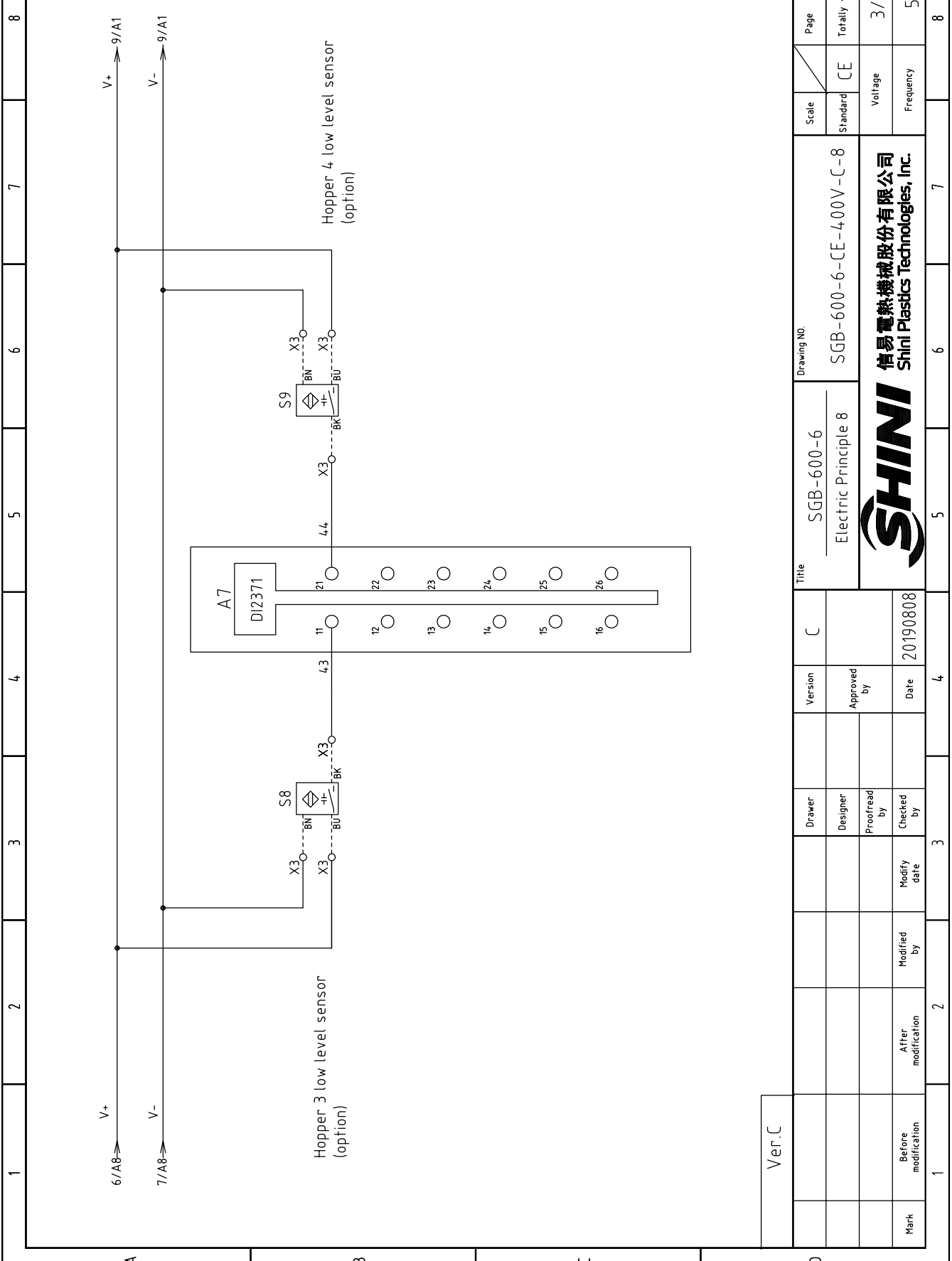
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Version		SGB-600-6		
Approved by		Electric Principle 7		
Date		20190808		
Mark	Before modification	Modified by	Modify date	
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Voltage		3/400V		
Frequency		50Hz		



Drawing NO.

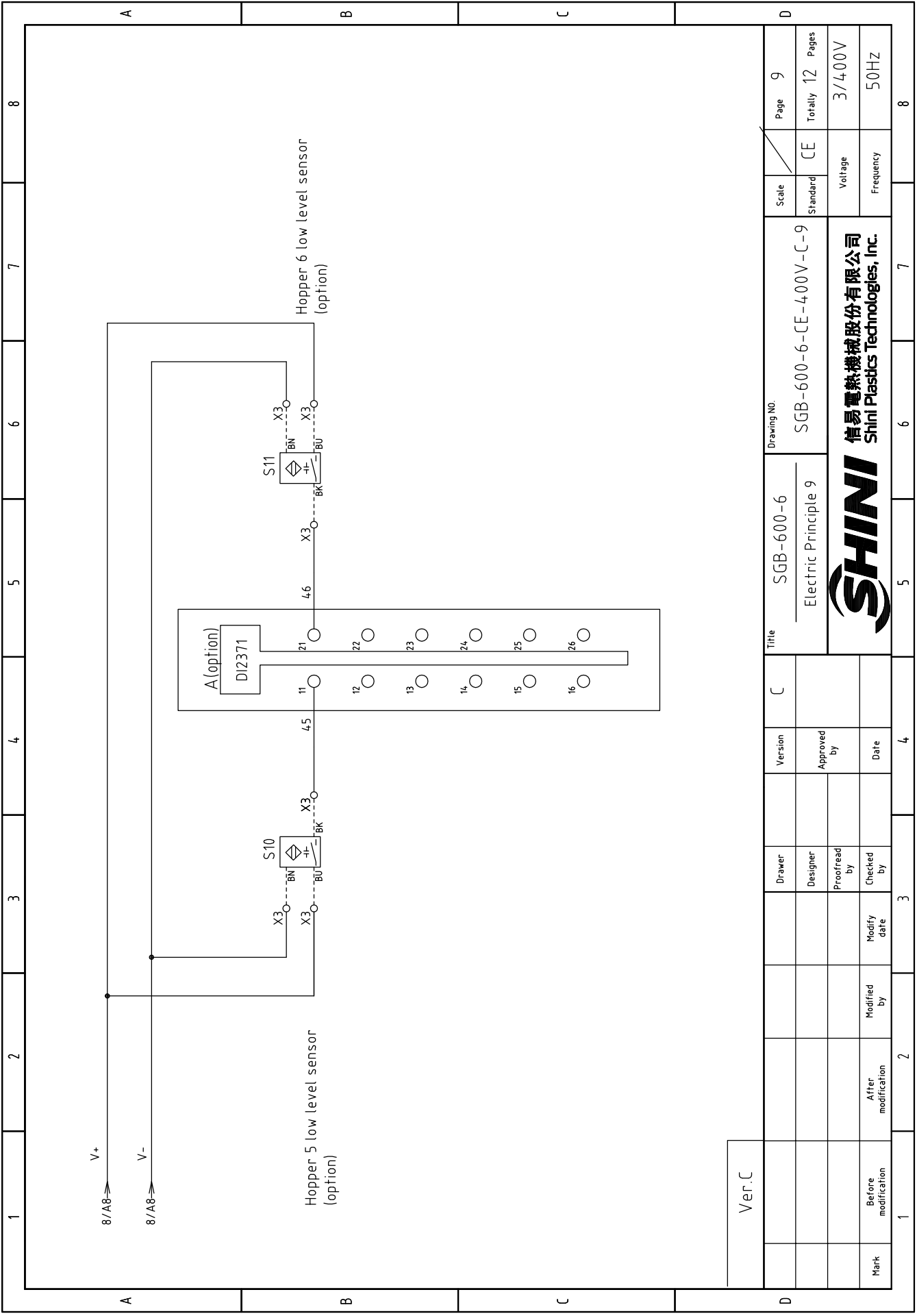
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Ver.C	
Mark	Before modification
Modified by	
Modify date	
Checked by	
Proofread by	
Designer	
Drawer	
Version	C
Approved by	
Date	20190808

Title		Drawing NO.	
SGB-600-6		SGB-600-6-CE-400V-C-8	
Electric Principle 8		CE	
SHINI		Voltage	
信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Frequency	
3/400V		Page 8	
50HZ		Totally 12 Pages	

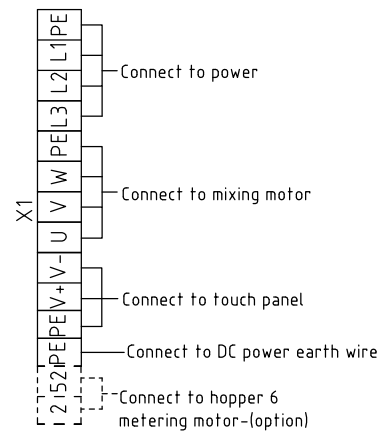
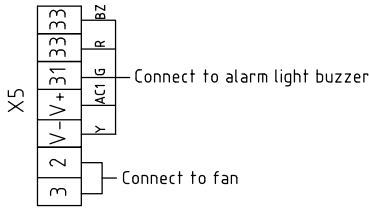
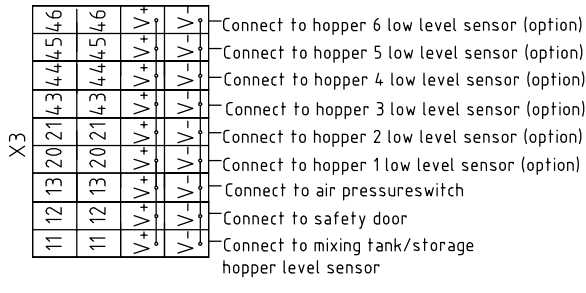
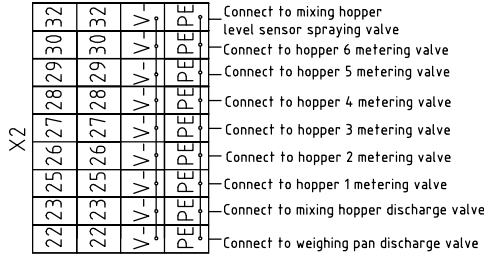
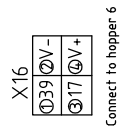
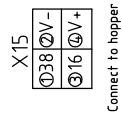
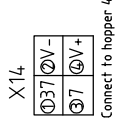
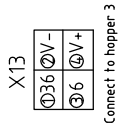
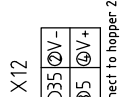
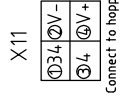
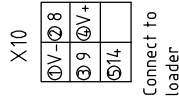
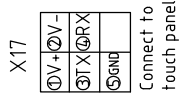
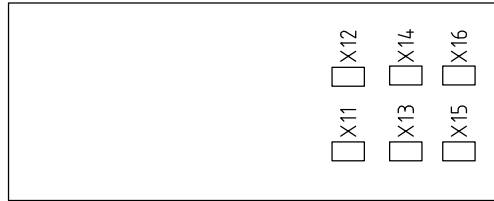
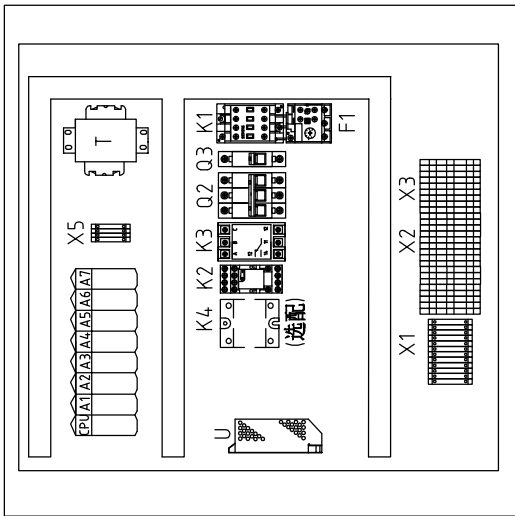


Ver.C

Scale	Standard	CE	Page	9
Drawing NO.		SGB-600-6-CE-400V-C-9		
Title		SGB-600-6 Electric Principle 9		
Version	C	Totally 12 Pages		
Designer	Approved by	Voltage 3/400V		
Proofread by	Checked by	Frequency 50Hz		
Modified by	Modify date	8		
Mark	Before modification	1		
	After modification	2		
		3		
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1 2 3 4 5 6 7 8



Ver.C

Mark	Before modification	Modified by	Date	Version	C	Title	SGB-600-6		Drawing NO.	Scale	Page	Pages	
	After modification	20190808	4				10	Totally			12		
							SGB-600-6-CE-400V-C-10		Standard		CE	Voltage	Frequency
							信易电热机械股份有限公司 Shini Plastics Technologies, Inc.				3/400V		
1	2	3	4	5	6	7	8					8	

1		2		3		4		5		6		7		8	
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark							
A															
1	Q1	Main Switch	EATON	T0-2-1/EA/SVB	20A	1	YE10021160000								
2	Q2	Circuit-Breakers	TECO	BM-63C 3P	6A	1	YE40300603000								
3	FU1	Fuse base	CHINT	RT16-32	2P	1	YE41032200000	Cancel							
4		Fuse	CHINT	10x38-500V	2A	2	YE46002000100	Cancel							
5	FU2	Fuse base	YINDA	FS-40	內置250V-2A熔芯	1	YE4100100000000	Cancel							
6	Q3	Circuit breaker	TECO	BM-63C	3A	1	YE40100203000								
7	S3	Capacitive proximity switch	IFM	KI 5082	10~36VDC	1	----	(1)							
8	S6~S11	Capacitive proximity switch	IFM	KI 5082	10~36VDC	6	----	(1) (2)							
9	S5	Safety switch	SCHMERSRC	AZ152VK-14.76	AC-15	1	----	(1)							
10	S6	Pressure switch	FOX	K4-SA02	1~12KG	1	----	(1)							
B															
11	K1	Contactors	SIEMENS	3RT6015-1ANZ1	230V 50/60Hz	1	YE00601521000								
12	K3	Phase relay	CHAOSHI	ABJ-10W	400V	1	YE03103800000								
13	K2	Solenoid valve/valve	WEIDMULLER	DRM270024LT	24VDC 12A	1	YE03272400000								
14	K4	Relay	CARLO GAVAZZI	PS1A40D40E	20~48VDC	1	YE03404000000	(3)							
15	K4	Solid relay / relay	FOTEK	KSR-40DA-H	40A/480VAC/4~32VDC	1	YE034040003200	(3)							
16	F1	Thermal overload relay/overload Relays	SIEMENS	3RU6116-1BB0	1.4-2A	1	YE01160140000								
17	T	Transformer	JIUXIN	IN=4.00/4.15V OUT=230V	800mA	1	YE70040005300								
18	U	DC power	MEAN WELL	S-100-24	+24V 4.5A	1	YE71102400000								
C															
19	CPU,A1~A7	4-ingredient Gravimeter/Blender controller	B&R	----	----	1	YE80024000100								
20	A8	Digital input module	B&R	X20 DI2371	----	1	YE80237100000	(2)							
21		Terminal block	B&R	X20 TB12	----	1	YE80201100000	(2)							
22		Bus module	B&R	X20 BM11	----	1	YE80200100000	(2)							
23	H1	Buzzer	SHINI	PK-27A	24VDC 50Hz	1	YE84002700000	Cancel							
24	H2	Pulse indicate lamp	----	LTE-3051	24VDC 50Hz	1	YE83305100300	Cancel							
25	H1	Three-color alarm with buzzer	----	PK-27A	24VDC	1	BL90002401520	New							
D															
Ver.c		Notes: (1) Materials not in the control box; (2) Optional low level sensor; (3) Optional metering motor;													
		Drawer	Designer	Version	Title		Drawing NO.		Scale		Page		Page		
				C	SGB-600-6		SGB-600-6-CE-400V-C-11		Standard		CE		11		
		Proofread by	Approved by	Elec. Parts List 1						Voltage		Totally			
										3/400V		12			
Mark		Before modification	Modified by	Modify date	Date		20190808		Frequency		50Hz		8		
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1		2		3		4		5		6		7		8	
No.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark							
26	HMI	Human-machine interface	SCHNEIDER	GXU3512	24VDC	1	YE80351200100								
27	BW1 BW2	Weighing sensor/Dose transducer	ZHONGHANG	L6D-C3-15kg-1.4B	10VDC 2mV/V	2	----	(1)							
28	X1	Terminal	Honeywell	SK2.5	2.5mm ²	8	YE60002503200								
29	X1	Terminal	Honeywell	GK2.5PE	2.5mm ² PE	4	YE60002503400								
30	X2	Terminal	Honeywell	SK2.5-TL	250V 2.5	9	YE60002503600								
31	X3	Terminal	Honeywell	SK2.5-TL	250V 2.5	4	YE60002503600								
32	X3	Terminal	Honeywell	SK2.5-TL	250V 2.5	6	YE60002503600	(2)							
33	X5	Terminal	Honeywell	SK2.5	2.5mm ²	7	YE60002503200								
34	X11~X16	Heavy Duty Connector	HARTING	Han 4A-F	4P+PE	6	YE68000401400								
35	X10	Heavy Duty Connector	HARTING	Han Q5/0-F	5P+PE	1	YE68000501400								
36	X17	Heavy Duty Connector	HARTING	Han Q5/0-M/F	5P+PE	1	YE68000501200	Self-made							
37	WS	Signal bus	SHINI	3C×0.75mm ² +2C×0.5mm ²	M	3	YE51102900000								
38		9-pin series interface (female) with shell and screw	----	----	PCS	1	YE62090000100								
39	FM	Cooling fan	----	----	220~230VAC 50/60HZ	1	YM60121200400								
40	M1	Mixing Motor	----	0.55kW	400V 50/60Hz	1	----	(1)							
41	M2	Metering motor	----	0.015kW	230V 50/60Hz	1	----	(1) (3)							
42	Y1 Y3~Y8	Solenoid valve/valve	FESTO	----	24VDC	7	----	(1)							
43	Y2	Solenoid valve/valve	FESTO	----	24VDC	1	----	(1)							
44	Y16	Solenoid valve/valve	FESTO	----	24VDC	1	----	(1)							
45	WS1	Super 5 freq. with network jumper 1M/Ethernet line	----	----	----	1	YE90000101600								
46		Ethernet socket/Ethernet connector	----	RJ45F71	----	1	YE64457100000								
Ver.C Notes: (1) Materials not in the control box; (2) Optional low level sensor; (3) Optional metering motor;															
				Title		Version		Scale		Page					
				SGB-600-6		C		SGB-600-6		12					
				Elec. Parts List 2		Approved by		Standard		CE					
				20190808		Date		Voltage		3/400V					
Mark		Before modification		Modified by		Modify date		Checked by		Frequency		50HZ			
1		2		3		4		5		6		7		8	



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Drawing NO.

SGB-600-6-CE-400V-C-12

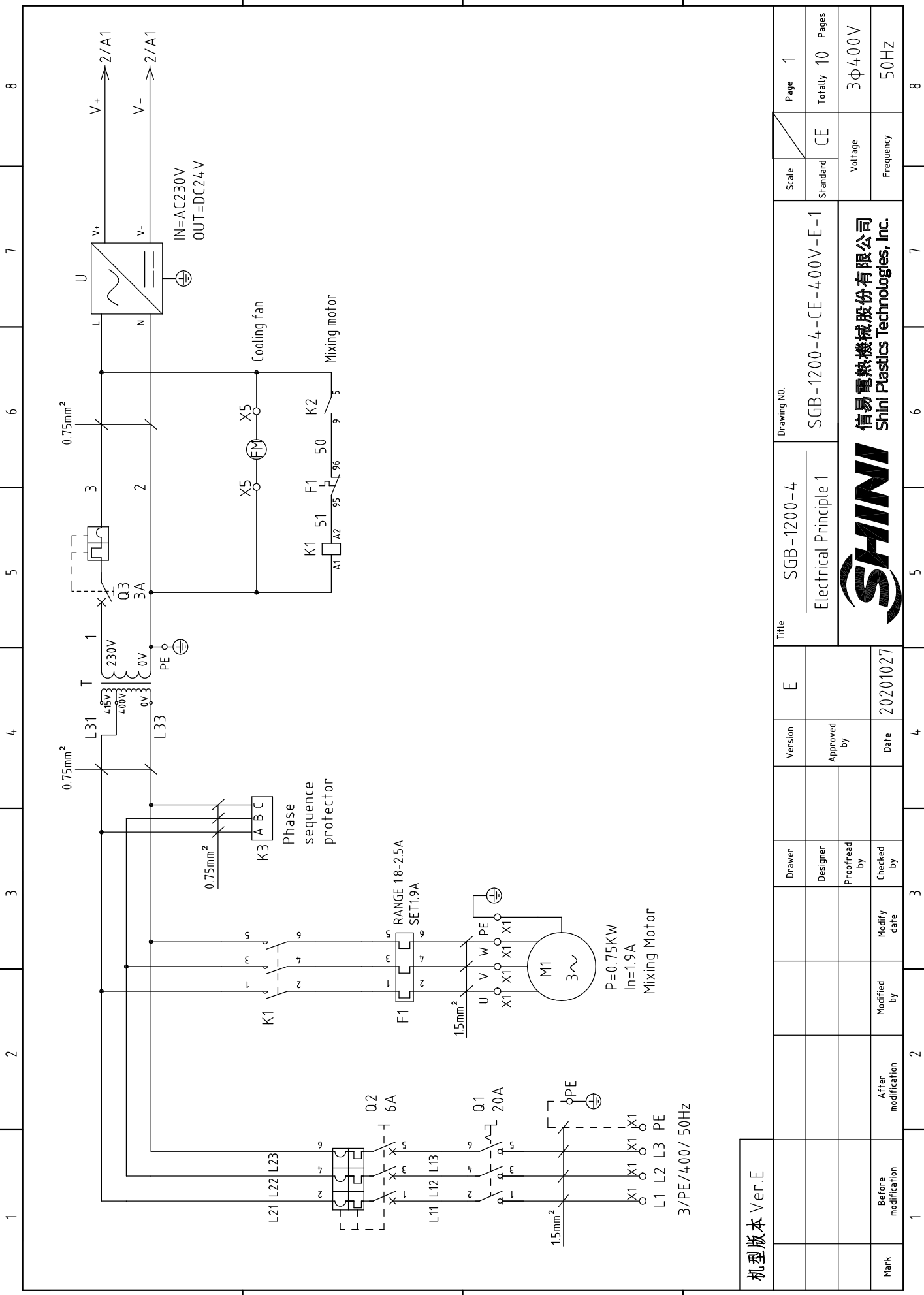
Page 12

Totally 12 Pages

1		2		3		4		5		6		7		8	
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark							
A		1		0.75x1C blue wire			0.75mm ² ×1C	M	24	YE50750100600					
		2		0.75x1C red wire			0.75mm ² ×1C	M	10	YE50750100000					
		3		1.5x1C black wire			1.5mm ² ×1C	M	12	YE50015100000					
		4		0.75x3C solenoid valve cable			0.75mm ² ×3C	M	15	YE50750300100					(1)
		5		0.75x2C safety door and air pressure switch cable			0.75mm ² ×2C	M	4	YE50750200100					(1)
		6		Tubular terminal E1008				PCS	45	YE60100800020					
		7		Tubular terminal E1508				PCS	28	YE60150800000					
B		8		Cold presser (female)			16A-Han E-2.5	PCS	4	YE68001601500					
		9		Cold presser (male)			16A-Han E-2.5	PCS	4	YE68001601400					
		10		PVC cable trunking25x50x2M white				PCS	1	YR40255000000					
		11		Guide rail H66-TRxM(plated color zinc)				BA	2	YE90660100000					
		12		Thick head screw M4x6				PCS	20	YW63040600000					
		13		Marked sleeve 15mm (100M/ro11)				M	0.55	YR70151000000					
C		14		Power cable			1.5mm ² ×4C×4M	BA	1	BE51150403150					(1)
		15		Motor cable			1.5mm ² ×4C	M	1.5	YE50150400000					(1)
Notes: (1) Materials not in the control box;															
Ver.C		Title		SGB-600-6		Drawing NO.		SGB-600-6-CE-400V-C-12/1		Scale		Page 12/1		Totally 12 Pages	
		Elec. Parts List 3								Standard		CE		Voltage 3/400V	
		Date		20190808										Frequency 50HZ	
Mark		Before modification		Modified by		Modify date		Checked by		Proofread by		Designer		Drawer	
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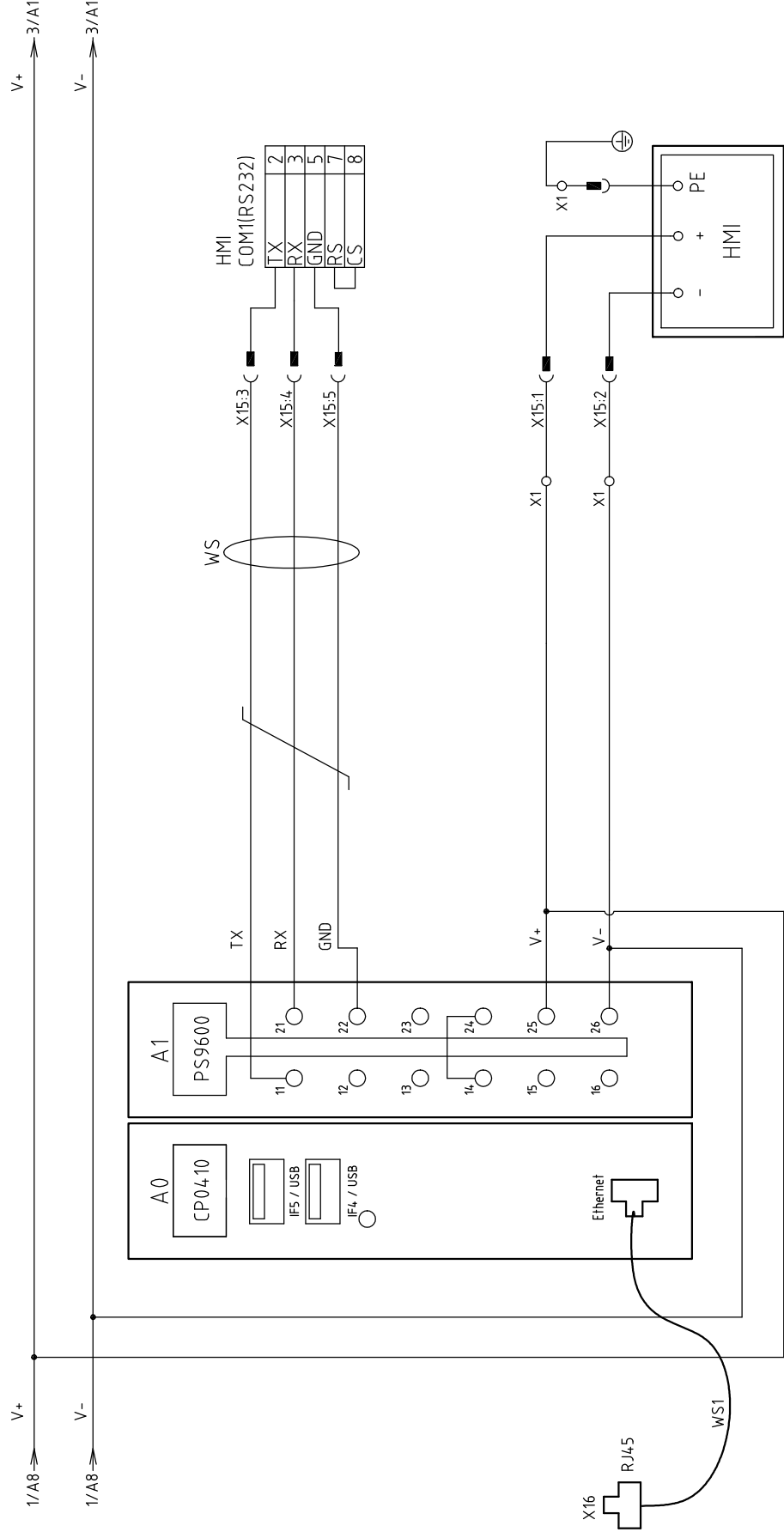
信易電熱機械股份有限公司
Shini Plastics Technologies, Inc.



机版本 Ver.E

Mark	Before modification	After modification	Modified by	Modify date	Proofread by	Designer	Drawer	Version	E	Title	SGB-1200-4 Electrical Principle 1	Drawing NO.	SGB-1200-4-CE-400V-E-1	Scale	Standard	CE	Page	1
Mark	Before modification	After modification	Modified by	Modify date	Proofread by	Designer	Drawer	Version	E	Title	SGB-1200-4 Electrical Principle 1	Drawing NO.	SGB-1200-4-CE-400V-E-1	Scale	Standard	CE	Totally	10
Mark	Before modification	After modification	Modified by	Modify date	Proofread by	Designer	Drawer	Version	E	Title	SGB-1200-4 Electrical Principle 1	Drawing NO.	SGB-1200-4-CE-400V-E-1	Scale	Standard	CE	Voltage	3φ400V
Mark	Before modification	After modification	Modified by	Modify date	Proofread by	Designer	Drawer	Version	E	Title	SGB-1200-4 Electrical Principle 1	Drawing NO.	SGB-1200-4-CE-400V-E-1	Scale	Standard	CE	Frequency	50Hz
Mark	Before modification	After modification	Modified by	Modify date	Proofread by	Designer	Drawer	Version	E	Title	SGB-1200-4 Electrical Principle 1	Drawing NO.	SGB-1200-4-CE-400V-E-1	Scale	Standard	CE	Totally	10
Mark	Before modification	After modification	Modified by	Modify date	Proofread by	Designer	Drawer	Version	E	Title	SGB-1200-4 Electrical Principle 1	Drawing NO.	SGB-1200-4-CE-400V-E-1	Scale	Standard	CE	Page	1

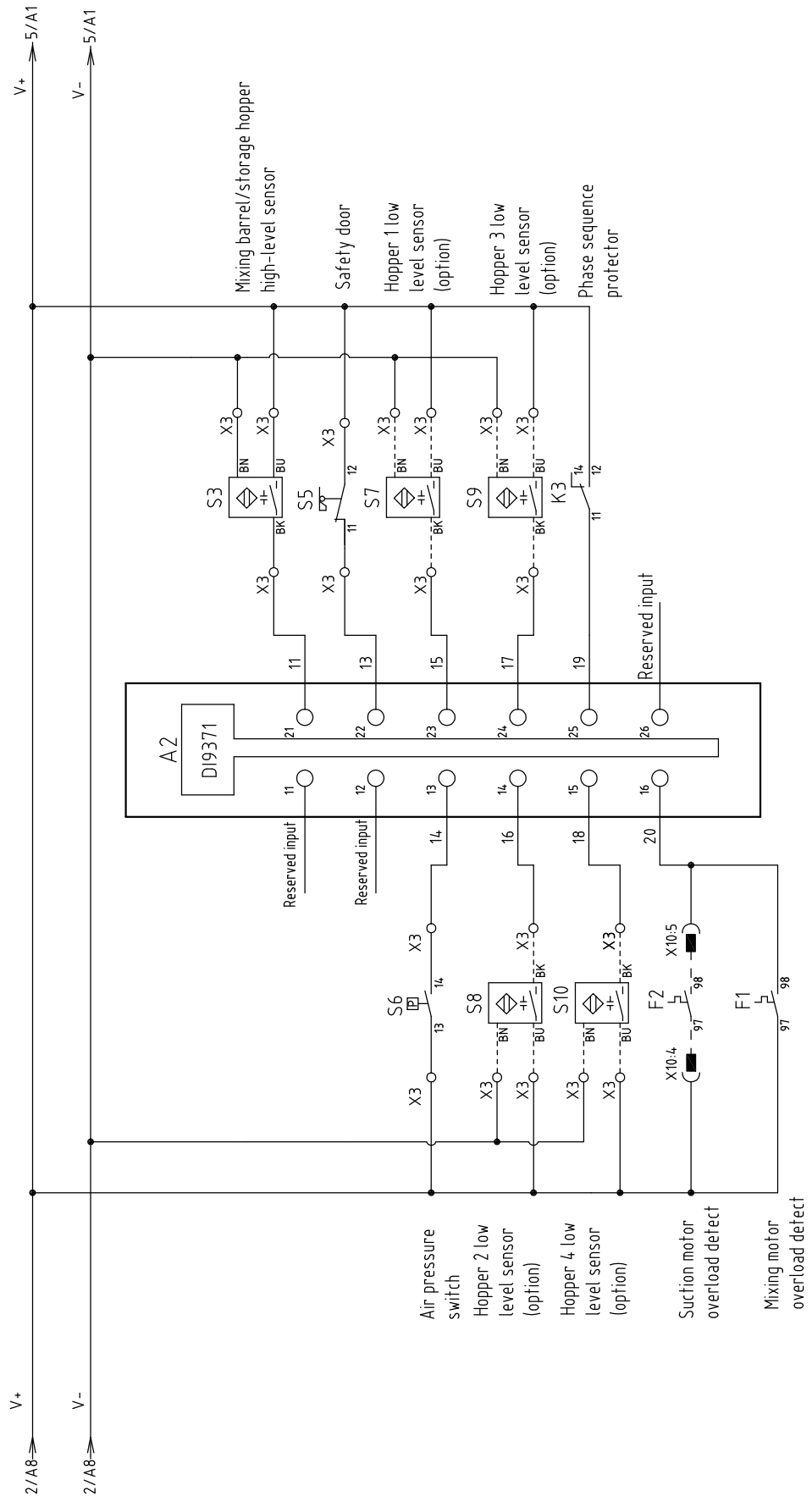




机型版本 Ver.E

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										SGB-1200-4-CE-400V-E-2	CE	10	2	
													3φ400V	
													50Hz	

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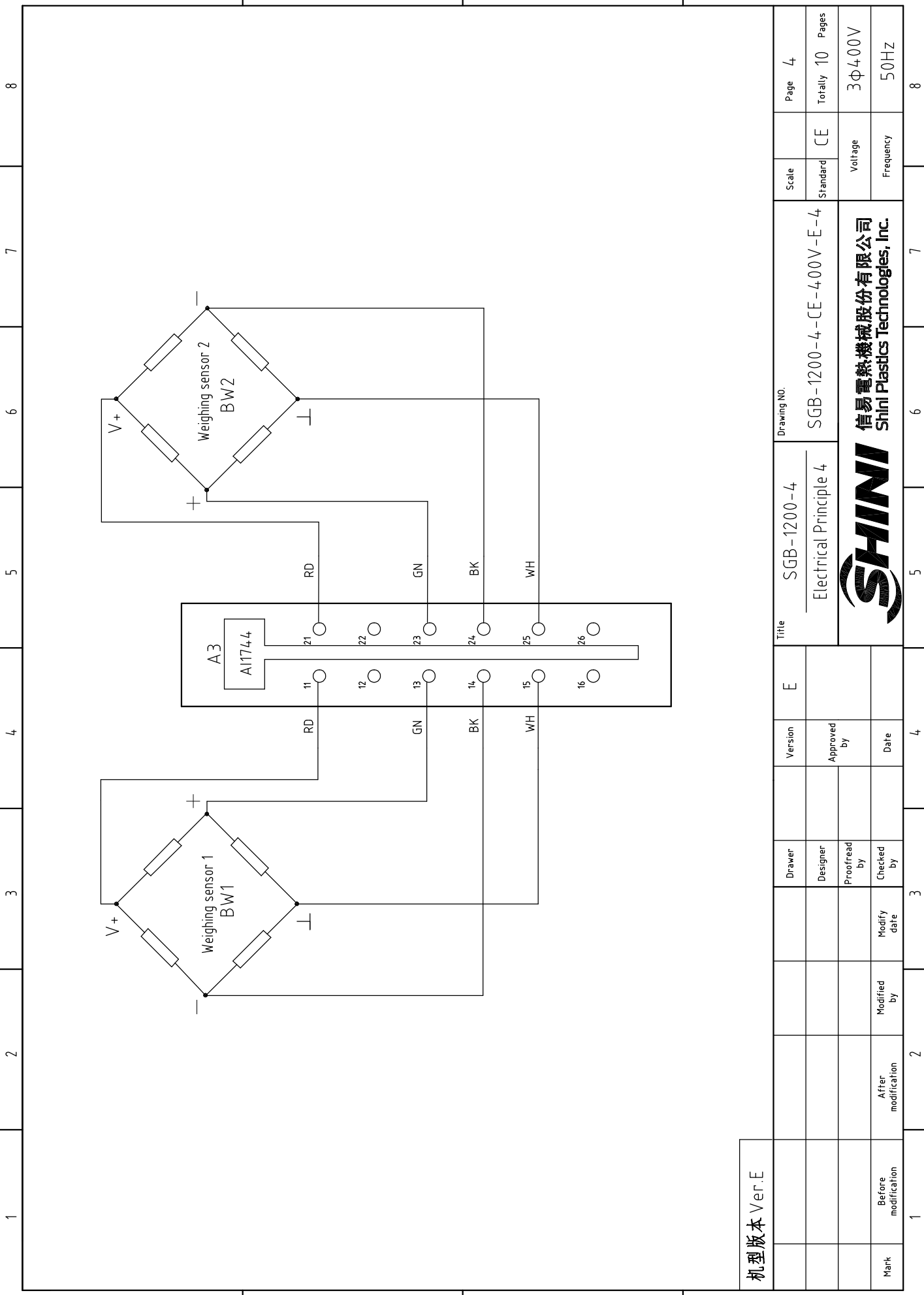


机型版本 Ver. E


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After modification				Proofread by	Approved by	SGB-1200-4 Electrical Principle 3		Standard	Totally 10 Pages
				Checked by	Date	Drawing NO. SGB-1200-4-CE-400V-E-3		Voltage	3φ400V
								Frequency	50Hz

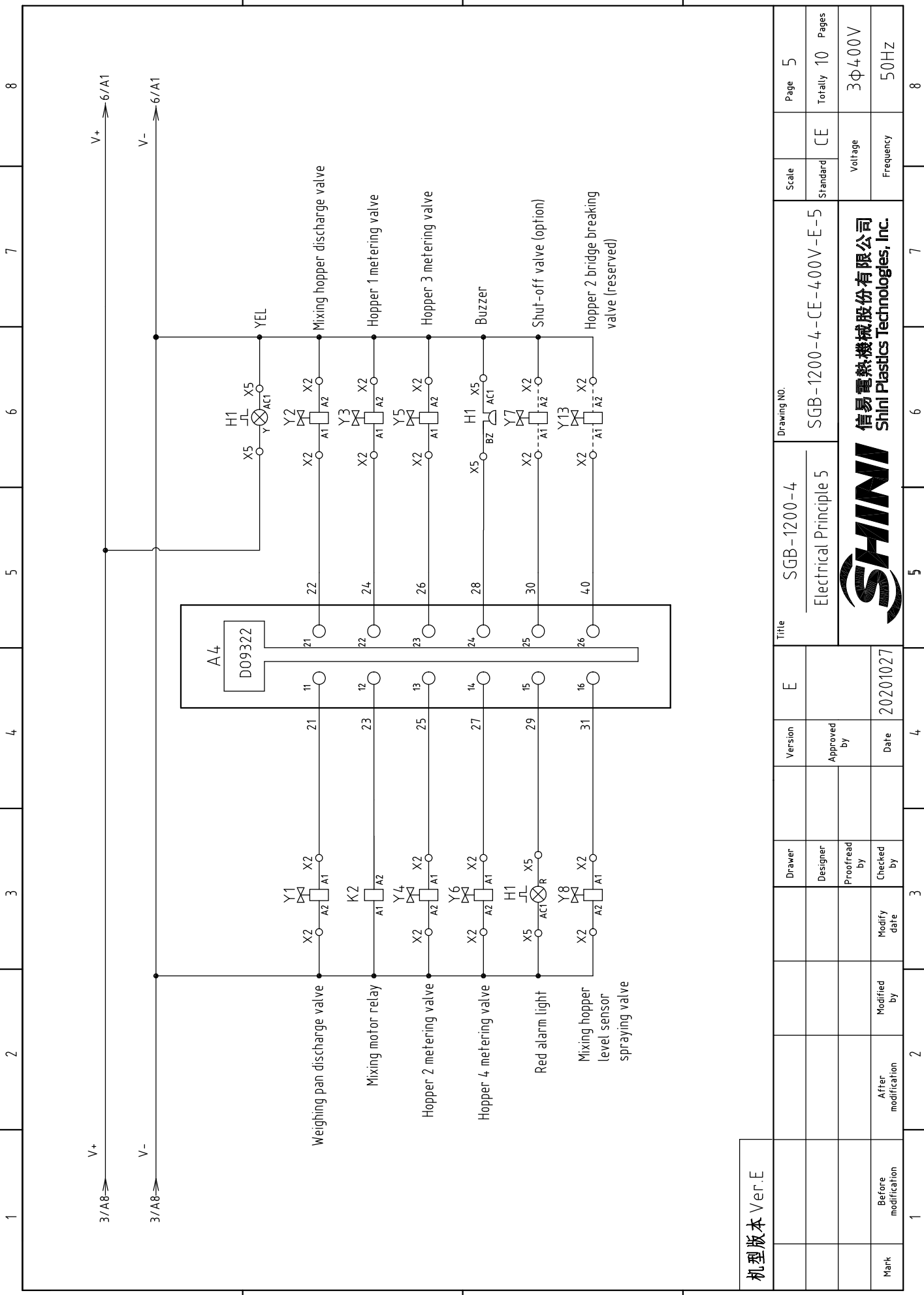


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Shini Plastics Technologies, Inc.



机型版本 Ver.E

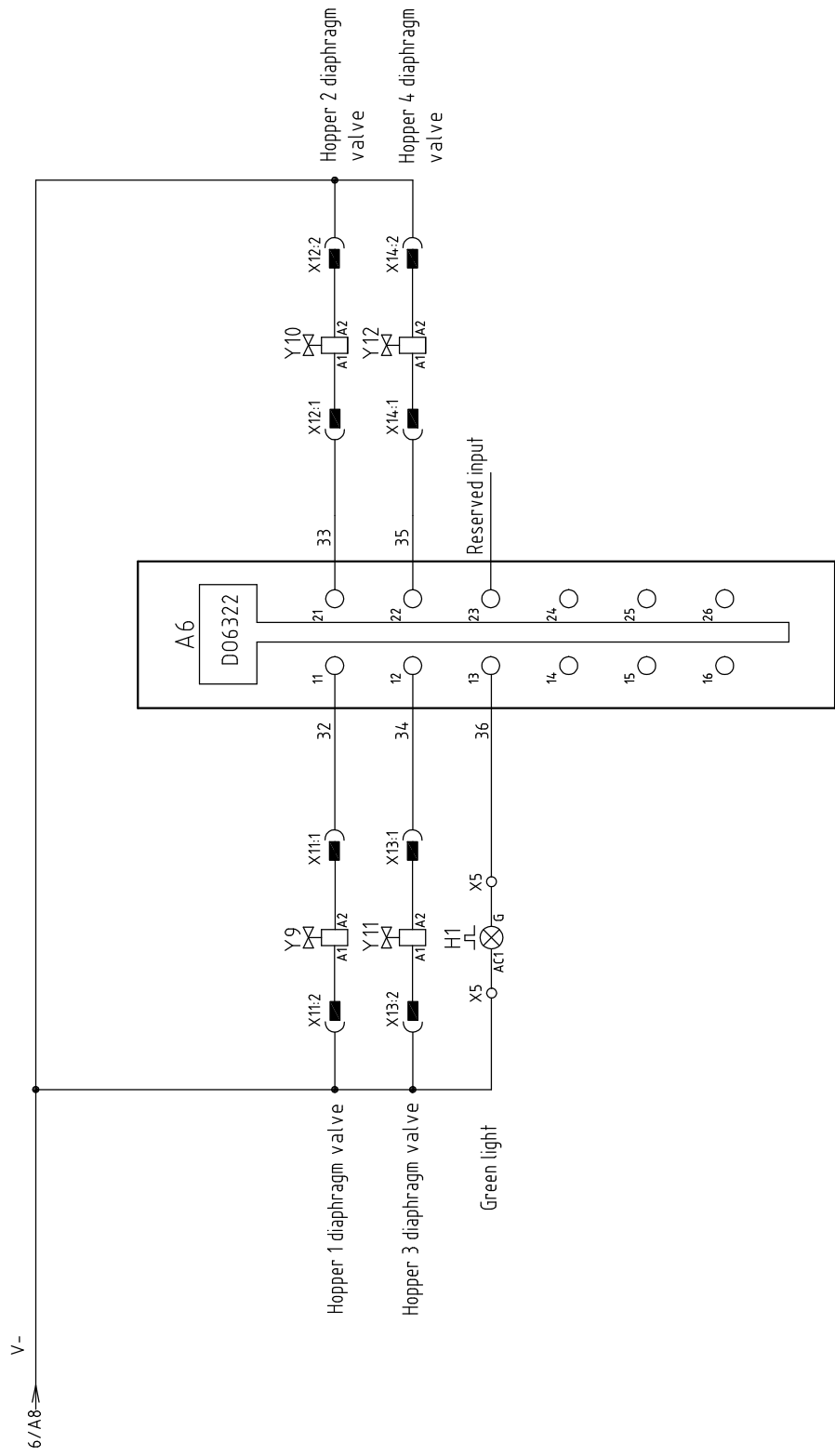
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	After modification							Approved by		SGB-1200-4-CE-400V-E-4		Standard				Totally	10
								Date		 信易电热机械股份有限公司 Shini Plastics Technologies, Inc.		Voltage	3φ400V	Frequency	50Hz		



机型版本 Ver.E

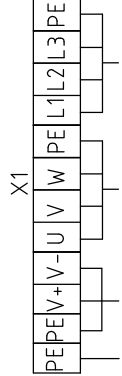
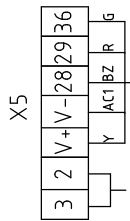
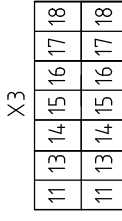
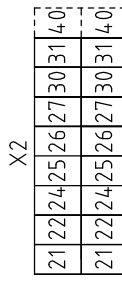
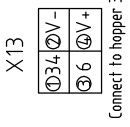
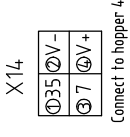
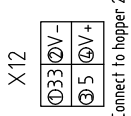
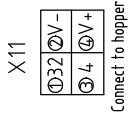
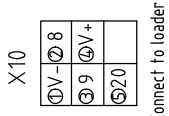
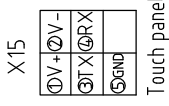
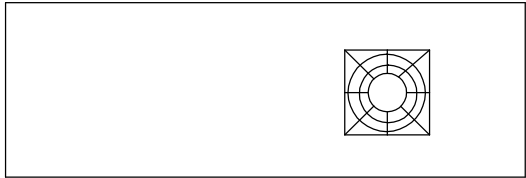
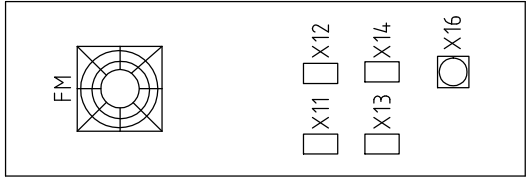
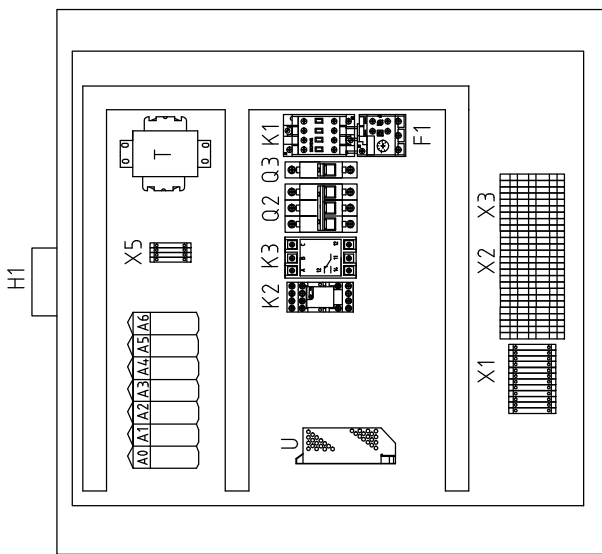
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Drawer	Version		E	Title		SGB-1200-4	
Designer	Approved by			Electrical Principle 5		SGB-1200-4-CE-400V-E-5	
Proofread by	Date		20201027	Drawing NO.		Page 5	
Checked by				Standard		CE	
Modified by				Voltage		3φ400V	
After modification				Frequency		50Hz	
1	2	3	4	5	6	7	8





机型版本 Ver.E

Drawer	E	Drawing NO.		Scale	Page
Designer		SGB-1200-4		Standard	Totally
Proofread by		Electrical Principle 7		CE	10
Checked by		SGB-1200-4-CE-400V-E-7		Voltage	3φ400V
Modify date		SHINI 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Frequency	50HZ
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		Version	6	Version	7
		Title	8	Title	8



机型版本 Ver. E

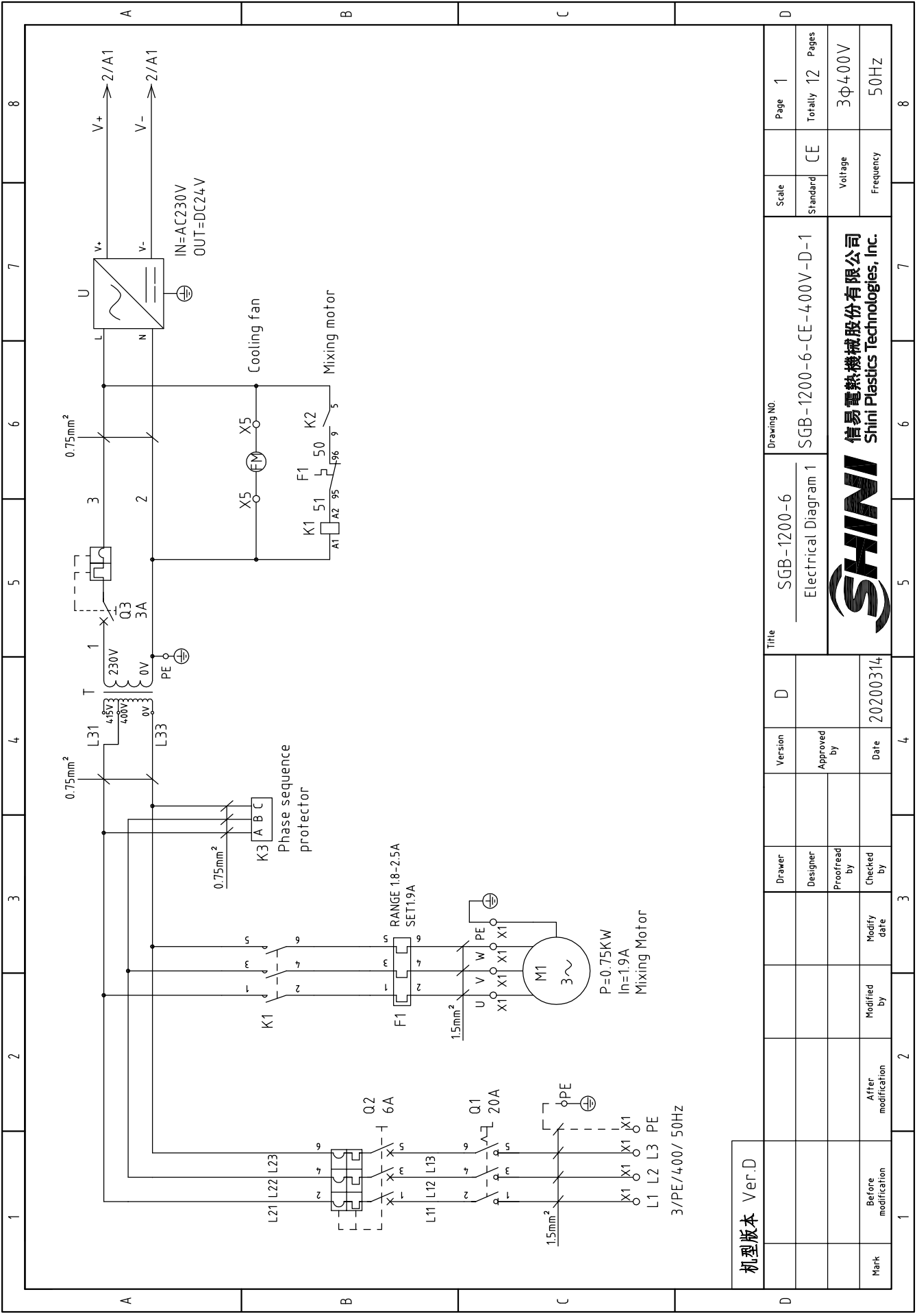
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Designer	Proofread by	Approved by	Version	E		
Drawer						
Title			SGB-1200-4			
Elec. layout & Wiring Diagram			SGB-1200-4-CE-400V-E-8			
Drawing NO.			SGB-1200-4-CE-400V-E-8			
Scale	Standard	CE	Page	8		
Standard	CE	Totally	10			Pages
Voltage	3φ400V					
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	EATON	T0-2-1/EA/SVB	20A	1	YE10021160000	
2	Q2	Circuit breakers	TECO	BM-63C 3P	6A	1	YE40300603000	
3	Q3	Circuit breaker	TECO	BM-63C	3A	1	YE40100203000	
4	S3	Capacitive proximity switch	IFM	KI 5082	10~36VDC	1	----	(1)
5	S7~S10	Capacitive proximity switch	IFM	KI 5082	10~36VDC	4	----	(1) (2)
6	S5	Safety switch	SCHMERSRC	AZ152VK-14.76	AC-15	1	----	(1)
7	S6	Pressure switch	FOX	K4SA02	1~12KG	1	----	(1)
8	K1	Contactors	SIEMENS	3RT6015-1AN21	230V 50/60Hz	1	YE00601521000	
9	K2	Middle relay	WEIDMULLER	DRM270024LT	24VDC 12A	1	YE03272400000	
10	K3	Phase sequence relay	CHAOSHI	ABJ2-12W	400V	1	YE03103800000	
11	F1	Thermal overload relays	SIEMENS	3RU6116-1CB0	1.8-2.5A	1	YE01160180000	
12	T	Transformer	JIUXIN	IN=400V/4.15V OUT=230V	500mA	1	YE70040005200	
13	U	DC power	MEAN WELL	S-100-24	+24V 4.5A	1	YE71102400000	
14	A0~A7	4组份料重料机控制器/Controller	B&R	----	----	1	YE80024000100	Cancel
15	A0	CPU/controller	B&R	X20 CP04.10	----	1	YE80041000200	New
16		CPU/controller	B&R	X20 BB52	----	1	YE80041100300	New
17	A1	Power module	B&R	X20 PS9600	----	1	YE80960000000	New
18	A2	Input module	B&R	X20 DI9371	----	1	YE80937100000	New
19	A3	Weighing module	B&R	X20 AI174.4	----	1	YE80200000500	New
20	A4	Output module	B&R	X20 DO9322	----	1	YE80209300000	New
21	A5	Common module	B&R	X20 CM8281	----	1	YE80200000700	New
22	A6	Output module	B&R	X20 DO6322	----	1	YE80632200000	New
23		12 core terminal block	B&R	X20 TB12	----	6	YE80201100000	New
24		I/O bus module	B&R	X20 BM11	----	5	YE80200100000	New
25	HMI	Human-machine interface	SCHNEIDER	GXU3512	24VDC	1	YE80351200100	
机型版本 Ver.E								
Notes: (1) Materials not in the control box; (2) Optional low level sensor; (3) Optional bridge breaking valve; (4) Optional shut-off valve;								
			Drawer	Version	Title		Scale	Page 9
			Designer	E	SGB-1200-4		Standard	Totally 10 Pages
			Proofread by	Approved by	Elec. Parts List 1		CE	
			Checked by	Date			Voltage	3Φ400V
Mark			Before modification	Modified by	Modify date	Frequency		50HZ
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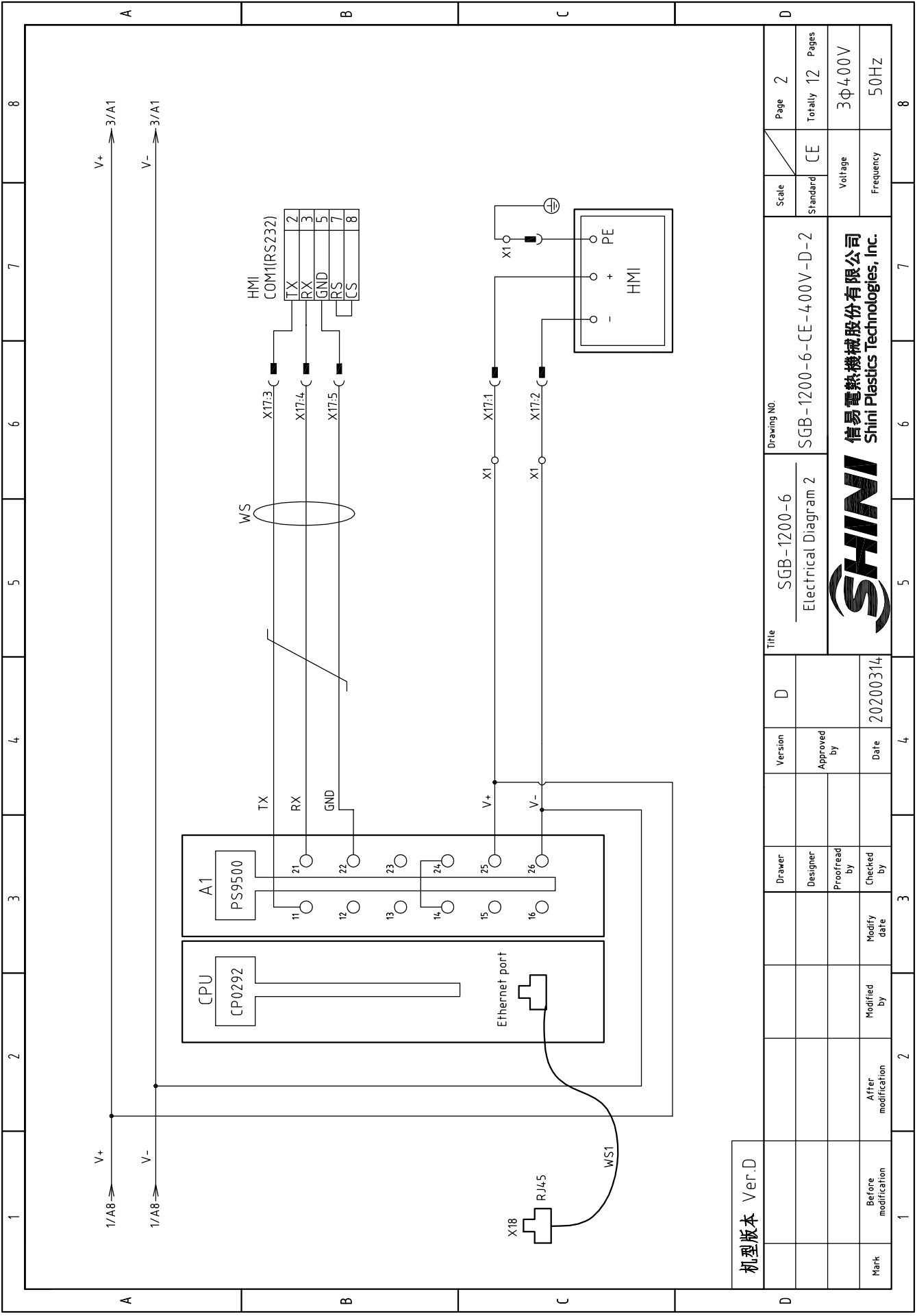


机 型 本 本	Ver.D
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Mark	Before modification	Modified by	Modify date	Checked by	Date	Proofread by	Designer	Drawer	Version	D	Title	SGB-1200-6 Electrical Diagram 1	Drawing NO.	SGB-1200-6-CE-400V-D-1
	After modification				20200314				Approved by					

Scale	Standard	CE	Page 1
Standard	CE	Totally 12	Pages
Voltage	3φ400V		
Frequency	50Hz		





机型版本 Ver.D

D	Mark	Before modification	Modified by	2	Date	20200314	Version	D	Title	SGB-1200-6 Electrical Diagram 2	Drawing NO. SGB-1200-6-CE-400V-D-2	Scale	Page 2
		After modification	Modify date	3								Standard	Totally 12 Pages
											Standard	CE	
											Voltage	3Φ400V	
											Frequency	50Hz	
											Page	2	
											Totally	12 Pages	
											Standard	CE	
											Voltage	3Φ400V	
											Frequency	50Hz	
											Page	2	
											Totally	12 Pages	



1 2 3 4 5 6 7 8

A B C D

1/A8 V+ V- 3/A1

TX RX GND RS CS

X17.3 X17.4 X17.5

WS

A1 PS9500

CPU CP0292 Ethernet port

X18 RJ45 WS1

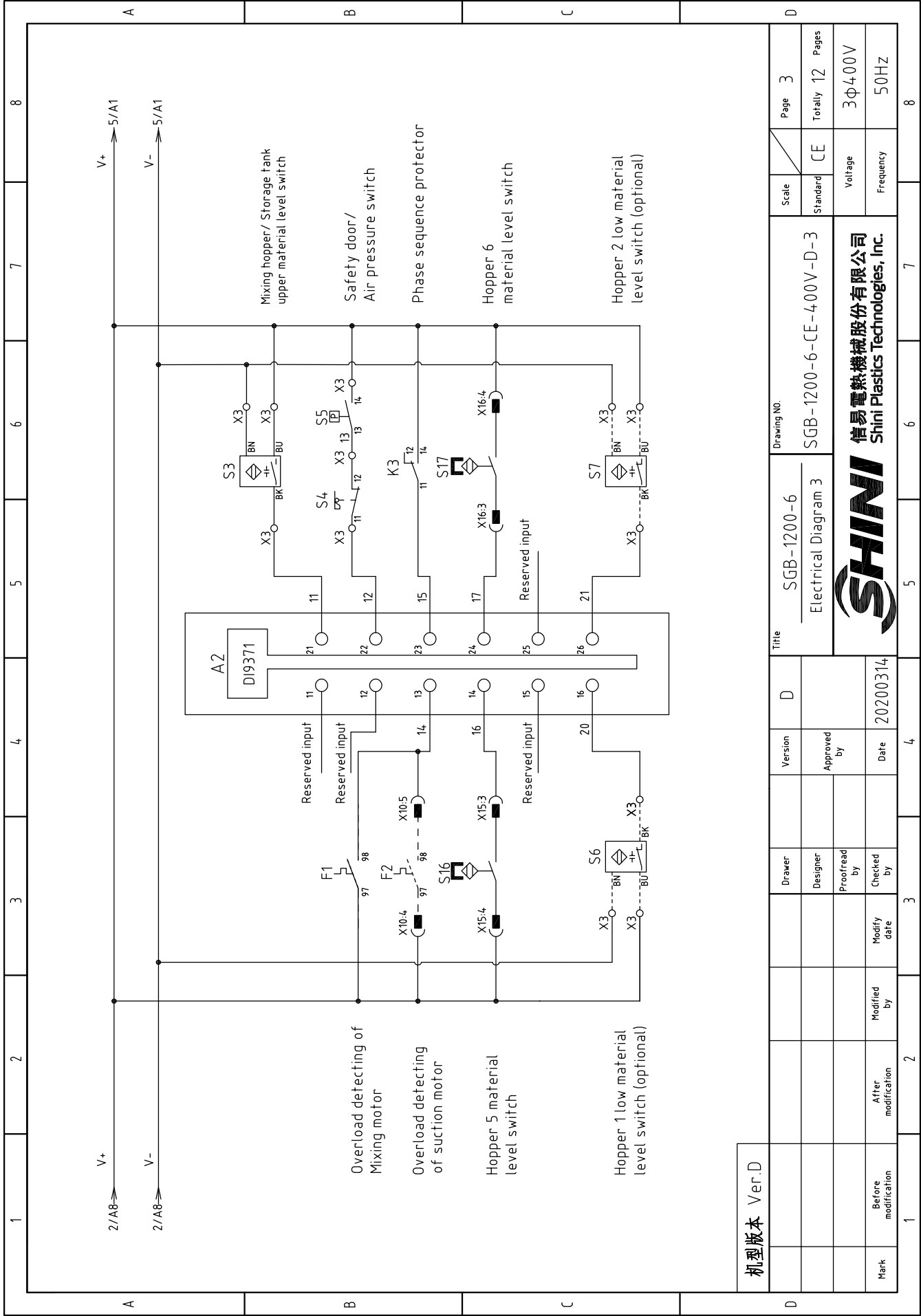
V+ V- X1 X17.1 X17.2

HMI COM1(RS232)

PE HMI

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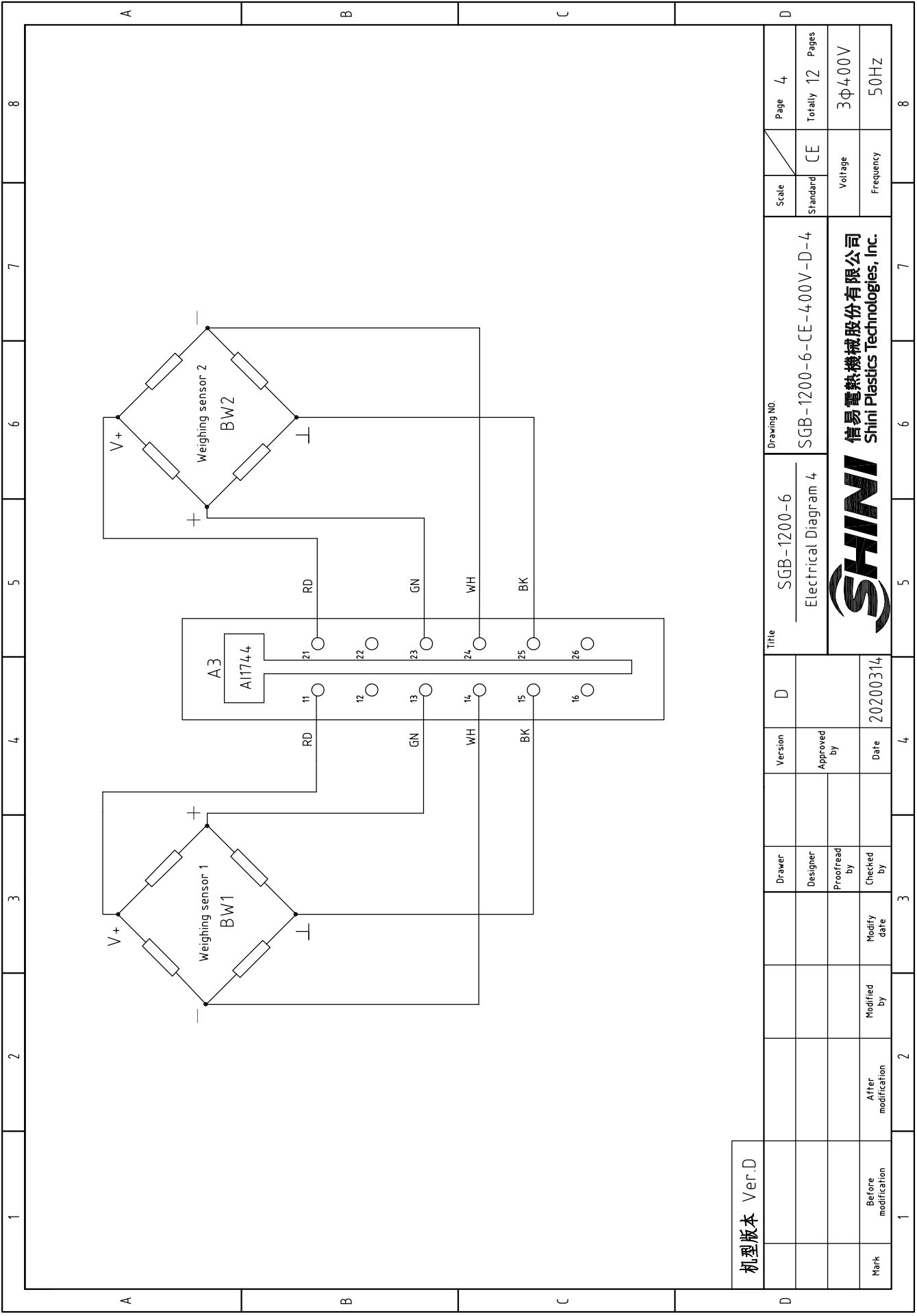
A B C D



机型版本	Ver.D
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Modify date	
Checked by	
Date	20200314
Proofread by	
Designer	
Version	D
Approved by	

Scale	Standard	CE
Page	3	
Title		
SGB-1200-6		
Electrical Diagram 3		
Drawing NO.		
SGB-1200-6-CE-400V-D-3		
Voltage		
3Φ400V		
Frequency		
50HZ		
Totally		
12		
Pages		

1	2	3	4	5	6	7	8
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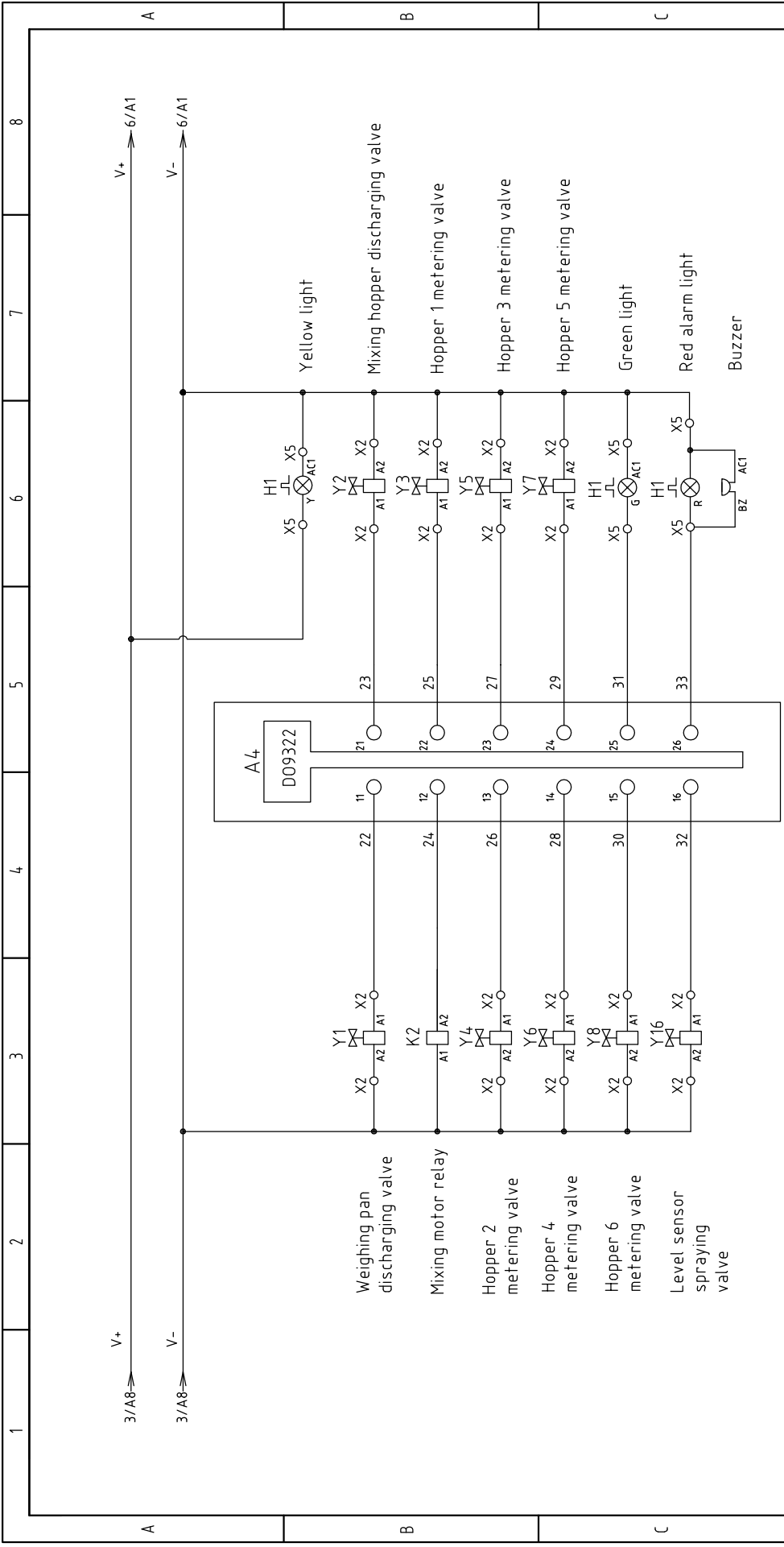


机型版本 Ver.D

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													Voltage	3φ400V	
													Frequency	50HZ	
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信易電熱機械股份有限公司
Shini Plastics Technologies, Inc.

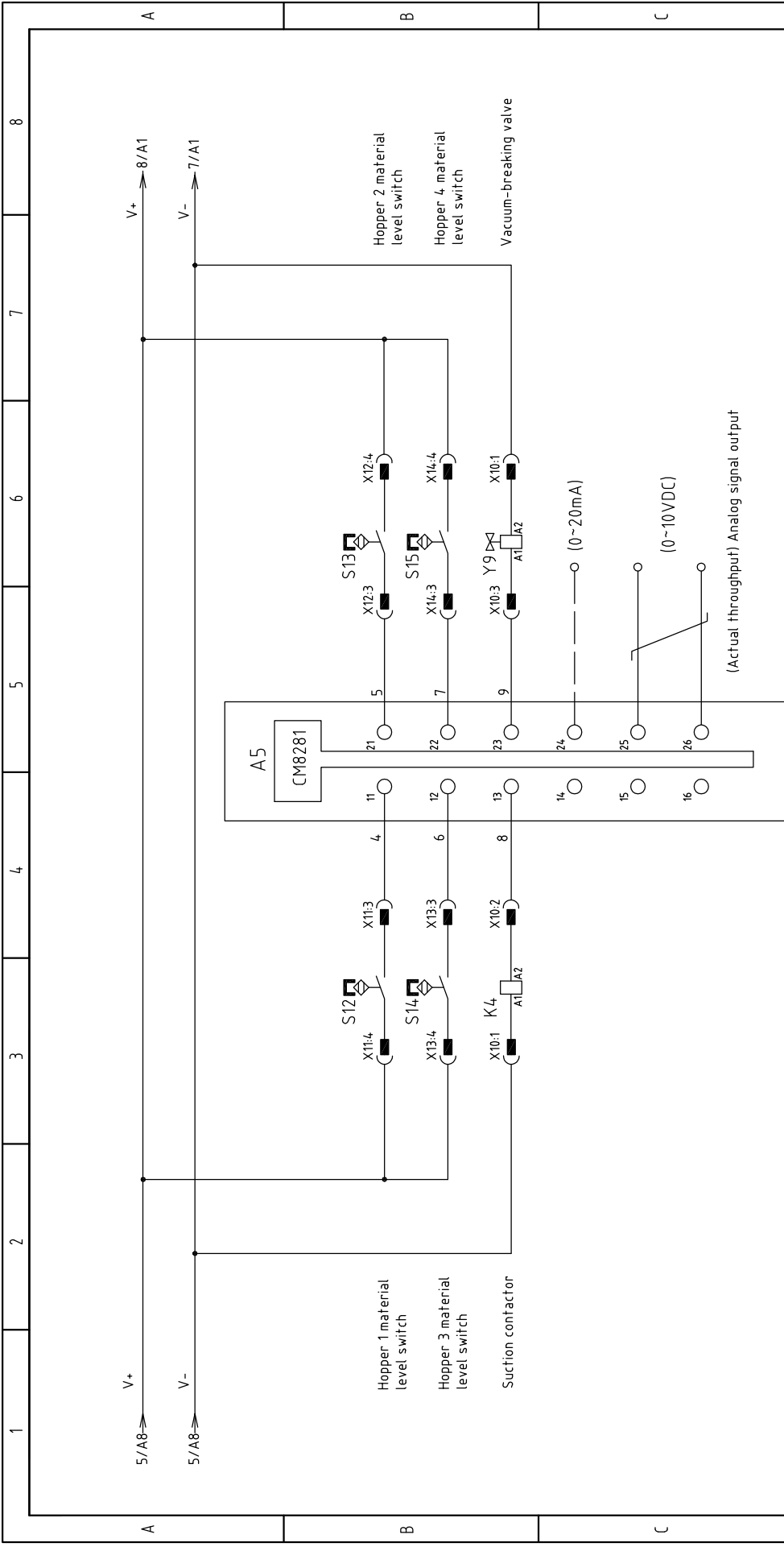


机型版本 Ver.D

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SGB-1200-6				SGB-1200-6-CE-400V-D-5			
Electrical Diagram 5				CE			
Version				Page			
D				5			
Designer				Standard			
Proofread by				Voltage			
Checked by				Frequency			
Date				Totally			
20200314				12			
Modified by				3Φ400V			
Modify date				50HZ			
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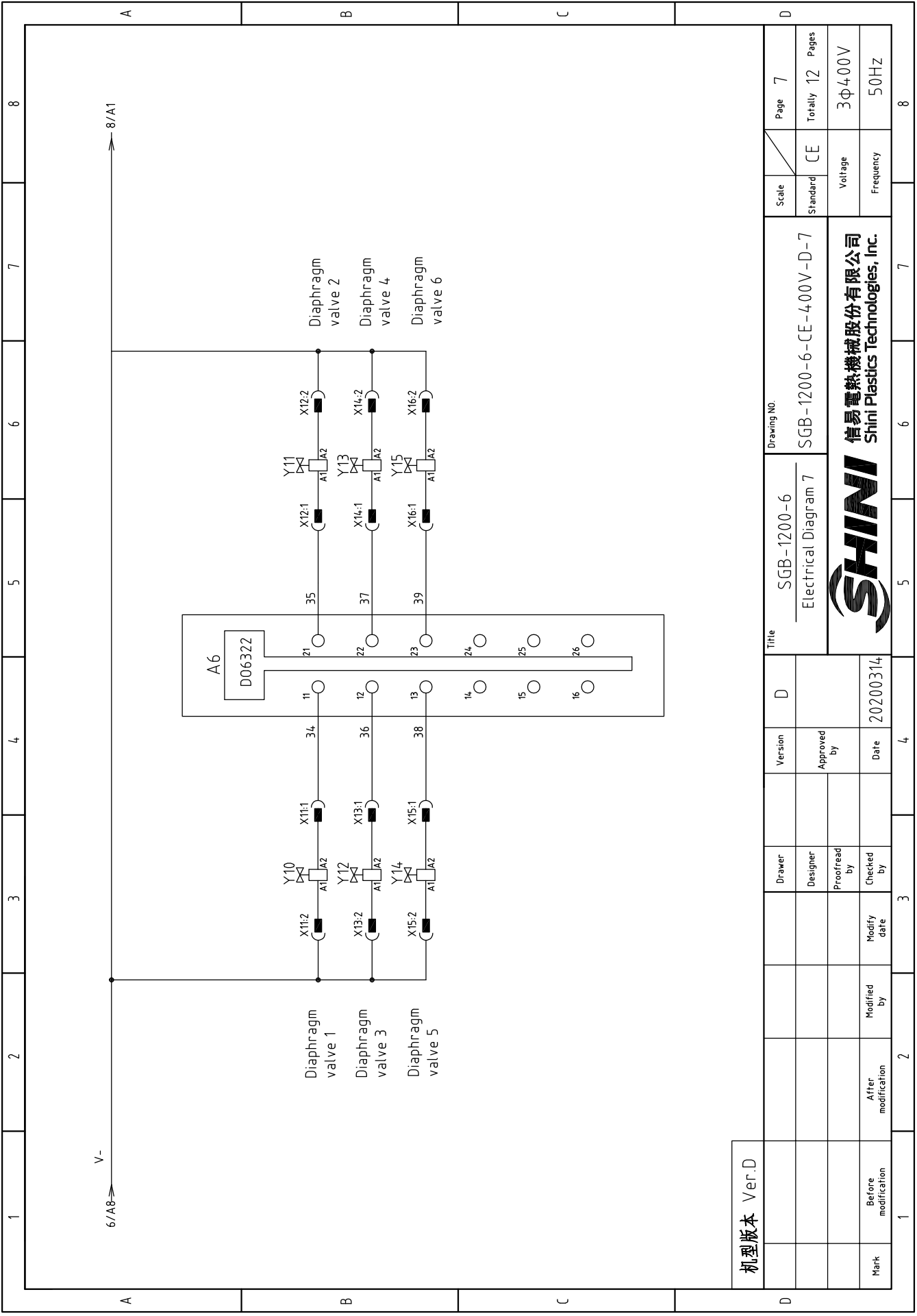


信易電熱機械股份有限公司
Shini Plastics Technologies, Inc.



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	Version
	Date
	20200314

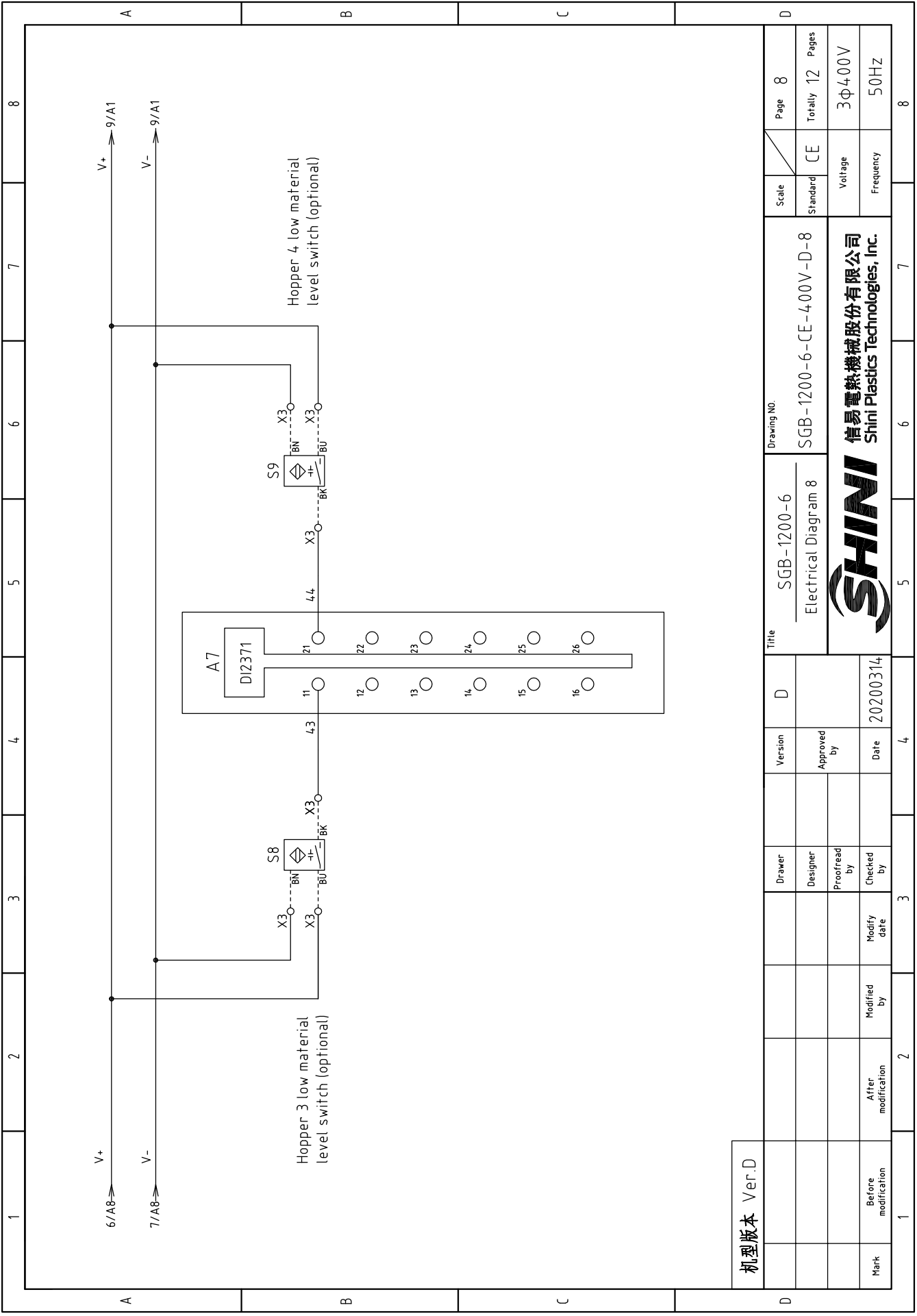
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信易电热机械股份有限公司		SHINI		Voltage		3Φ400V	
Shini Plastics Technologies, Inc.		SHINI		Frequency		50Hz	



机型版本	Ver.D
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	Title

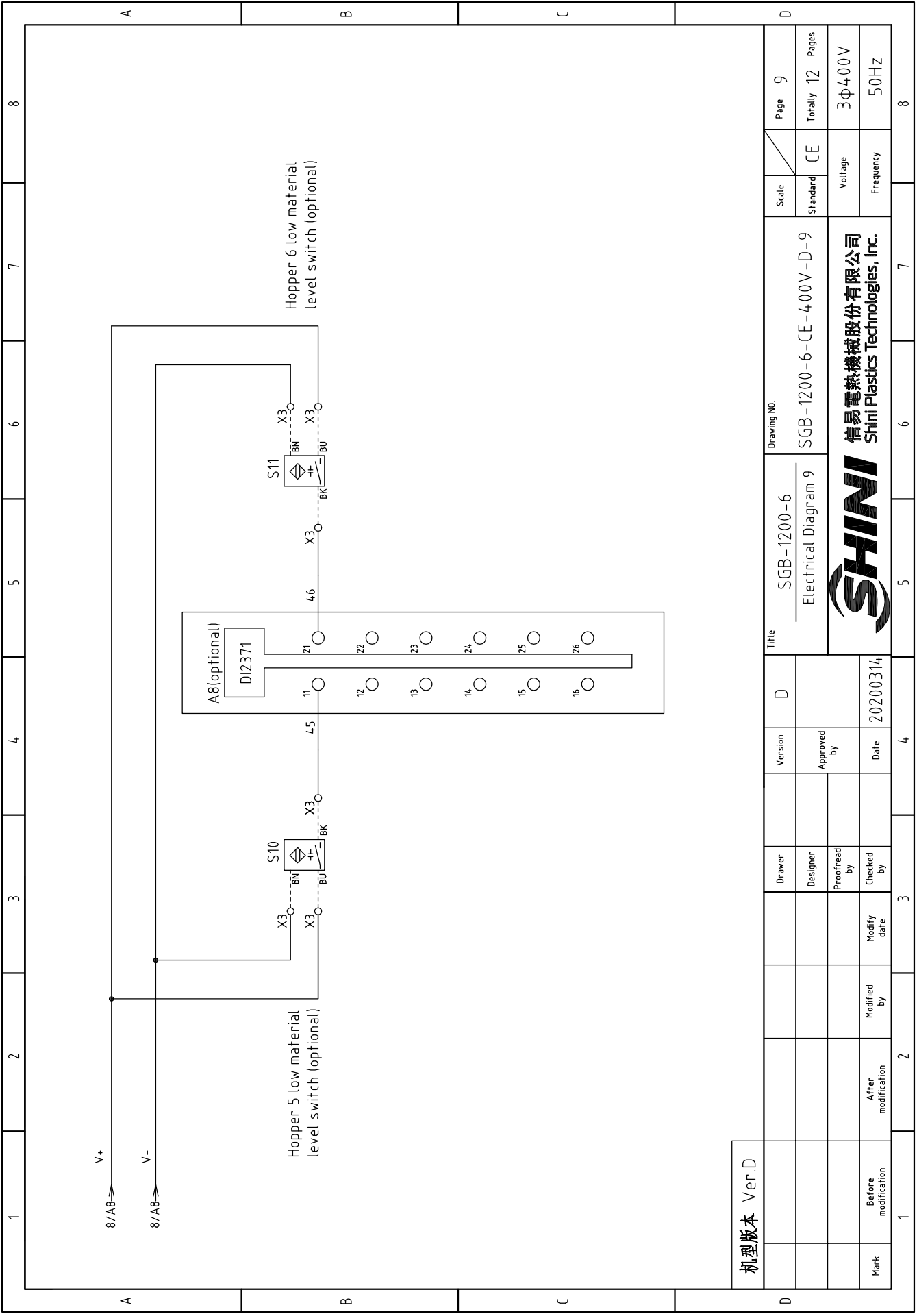
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Voltage		3Φ400V		Frequency		50HZ	
Totally		12		Pages		8	





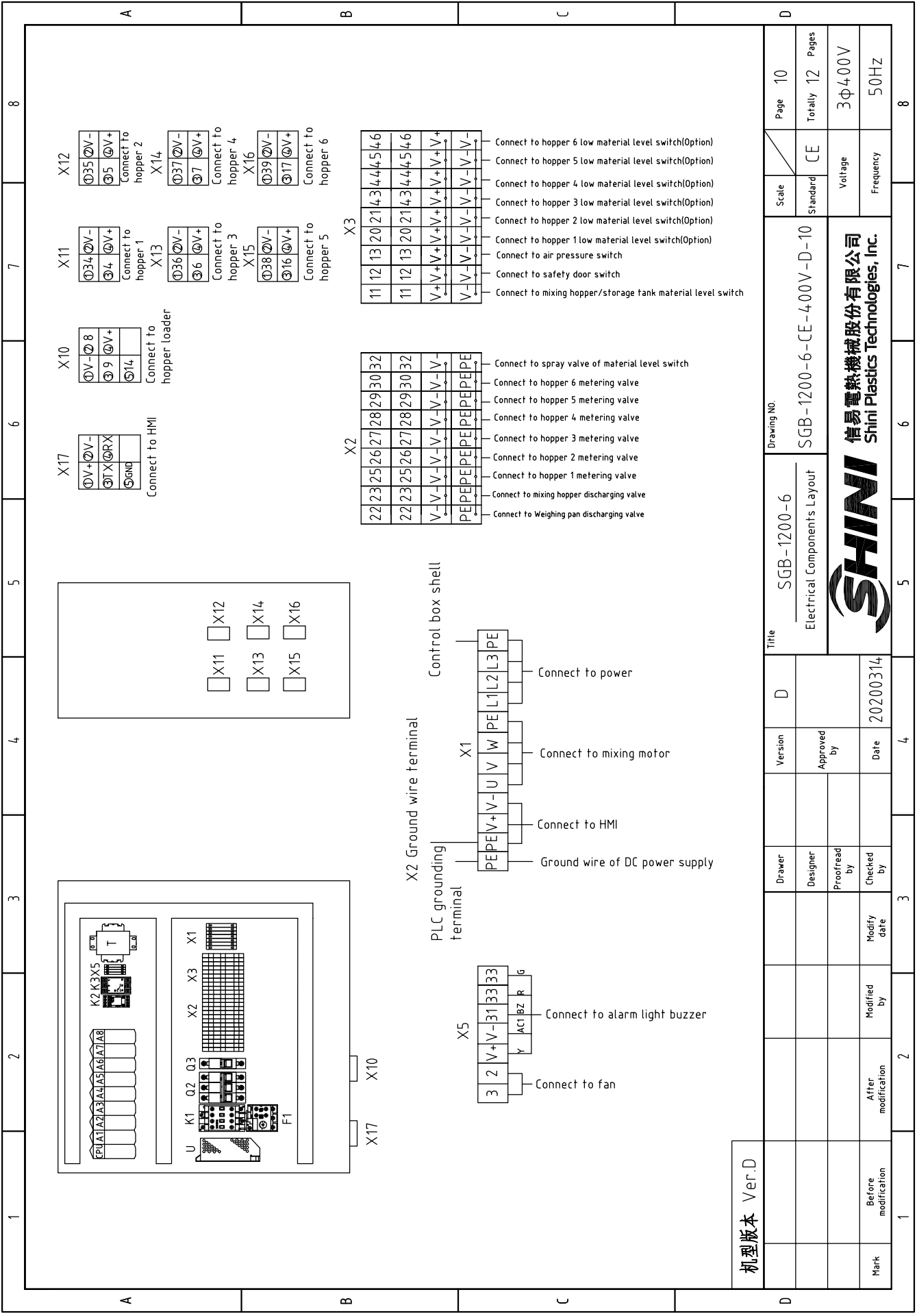
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Date	20200314

Drawing NO.		SGB-1200-6-CE-4.00V-D-8		Page 8	
Title		SGB-1200-6 Electrical Diagram 8		Standard CE	
Voltage		3Φ400V		Frequency 50HZ	
Totally		12		Pages	
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Designer				Approved by	
Drawer				Version	
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SGB-1200-6-CE-4.00V-D-8				Page 8	
SHINI		信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Totally 12	
SHINI				Pages	
3Φ400V				Voltage	
50HZ				Frequency	
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机型版本 Ver.D

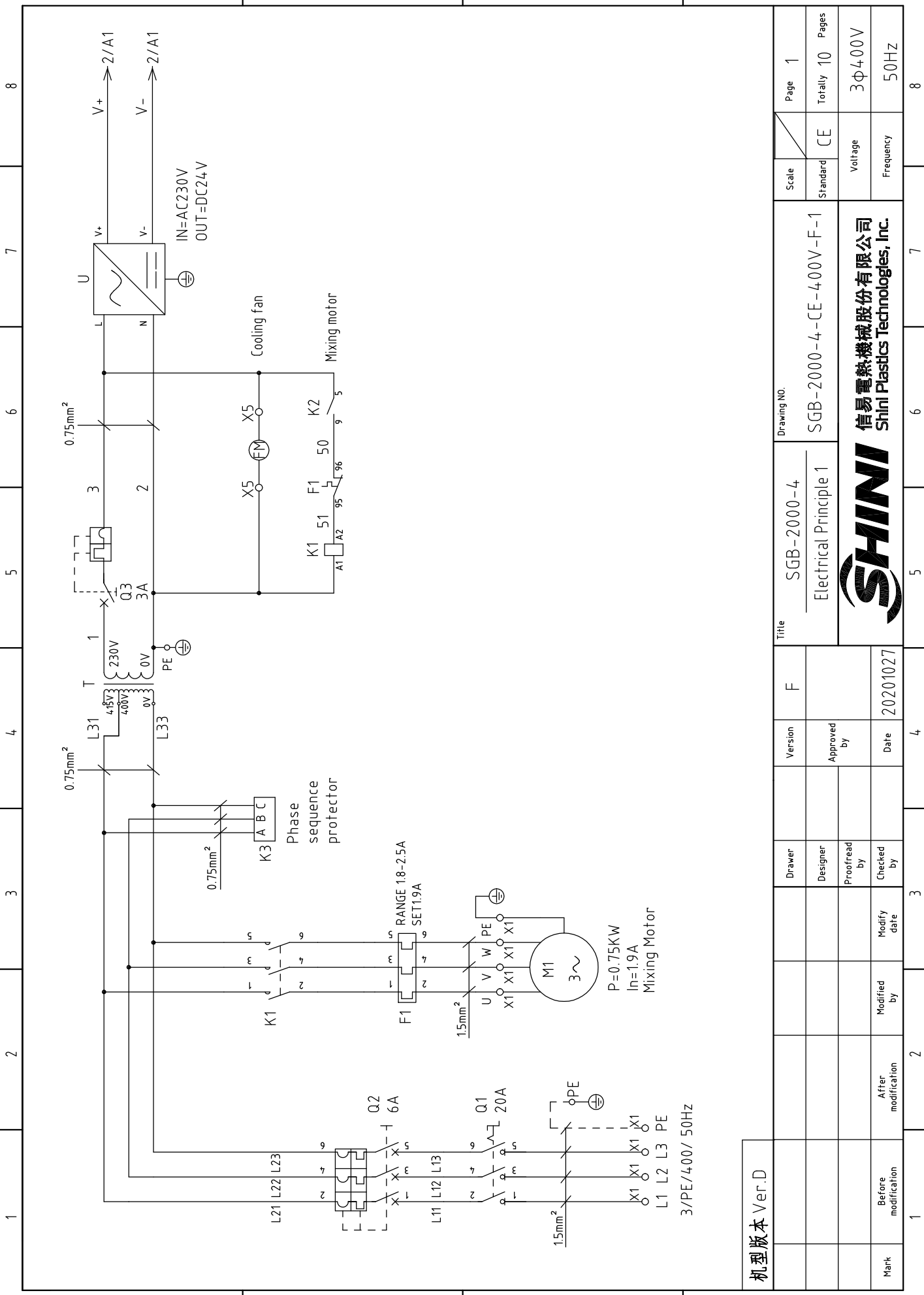
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SHINI				Shini Plastics Technologies, Inc.		Mark		Before modification
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Drawer	

Title		SGB-1200-6		Drawing NO.		SGB-1200-6-CE-400V-D-10	
Electrical Components Layout		Scale		Standard		CE	
Voltage		3Φ400V		Page		10	
Frequency		50Hz		Totally		12 Pages	
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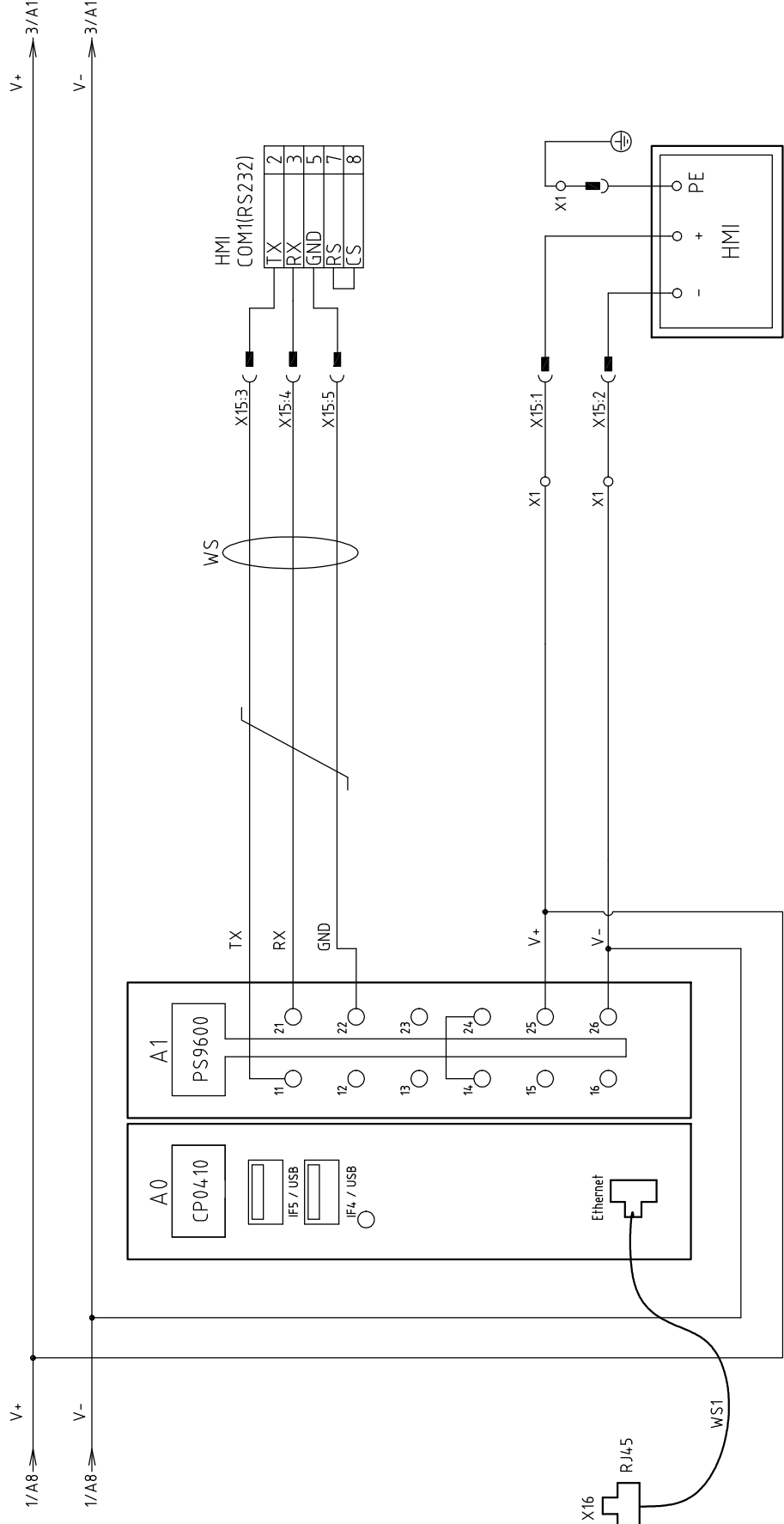
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No.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark
1	Q1	Main power switch	EATON	TO-2-1/EA/SVB	20A	1	YE10021160000	
2	Q2	Circuit-Breakers	TECO	BM-63C/ 3006S	6A	1	YE40603000000	
3	Q3	Circuit breaker	TECO	BM-63C	3A	1	YE40100203000	A
4	S3	Capacitive proximity switch	IFM	KI 5082	10~36VDC	1	----	(1)
5	S6~S11	Capacitive proximity switch	IFM	KI 5082	10~36VDC	6	----	(1) (2)
6	S4	Safety switch	SCHMERSRC	AZ152VK-1476	AC-15	1	----	(1)
7	S5	Pressure switch	FOX	K4SA02	1~12KG	1	----	(1)
8	K1	Contactors	SIEMENS	3RT6015-1AN21	230V 50/60HZ	1	YE00601521000	
9	K3	Phase sequence protector	CHAOSHI	ABJ-10W	400V	1	YE03103800000	
10	K2	Middle relay	WEIDMULLER	DRM270024LT	24VDC 12A	1	YE03272400000	
11	F1	Thermo overload relay	SIEMENS	3RU6416-4BB0	1.4-2A	1	YE01160140000	Cancel
12	F1	Thermo overload relay	SIEMENS	3RU6116-1CB0	1.8~2.5A	1	YE01160180000	New
13	T	Transformer	JIUXIN	IN=400/415V OUT=230V	500mA	1	YE70040005200	
14	U	DC power	MEAN WELL	S-100-24	+24V 4.5A	1	YE71102400000	
15	CPU,A1~A7	4-component gravimetric Controller	B&R	----	----	1	YE80024000100	
16	A8	Digital input mouldle	B&R	X20 DI2371	----	1	YE80237100000	(2)
17		Terminal block	B&R	X20 TB12	----	1	YE80201100000	(2)
18		Bus mouldle	B&R	X20 BM11	----	1	YE80200100000	(2)
19	HMI	Human-machine interface	SCHNEIDER	GXU3512	24VDC	1	YE80351200100	
20	H1	3-color alarm lamp with buzzer	----	PK-27A	24VDC	1	BL90002401520	
21	BW1BW2	Weighing sensor	ZHONGHANG	L6D-C3-20kg-2.4B	10VDC 2mV/V	2	----	(1)
22	X1	Terminal	Honeywell	SK2.5	2.5mm ²	8	YE60002503200	
23	X1	Terminal	Honeywell	GK2.5PE	2.5mm ² PE	4	YE60002503400	
24	X2,X3	Terminal	Honeywell	SK2.5-TL	250V 2.5	20	YE60002503600	
25	X11~X16	Heavy-duty plug-in	HARTING	Han 4A-F	4P+PE	6	YE68000401400	
机型版本 Ver.D Note: (1) means not part of control box; (2) Optional low material level switch.								
Title				Drawing No.		Scale		Page
SGB-1200-6				SGB-1200-6		CE		11
Electrical Components List 1				SGB-1200-6-CE-400V-D-11		Voltage		3φ400V
SHINI				信易电热机械股份有限公司		Frequency		50Hz
SHINI				Shini Plastics Technologies, Inc.		Totally		12 Pages
Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date	20200314	
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Mark	Before modification	Modified by	Modify date	Checked by	Proofread by	Designer	Drawer	Version	F	Title	SGB-2000-4 Electrical Principle 1	Drawing NO. SGB-2000-4-CE-400V-F-1	Scale	Standard	CE	Page	1
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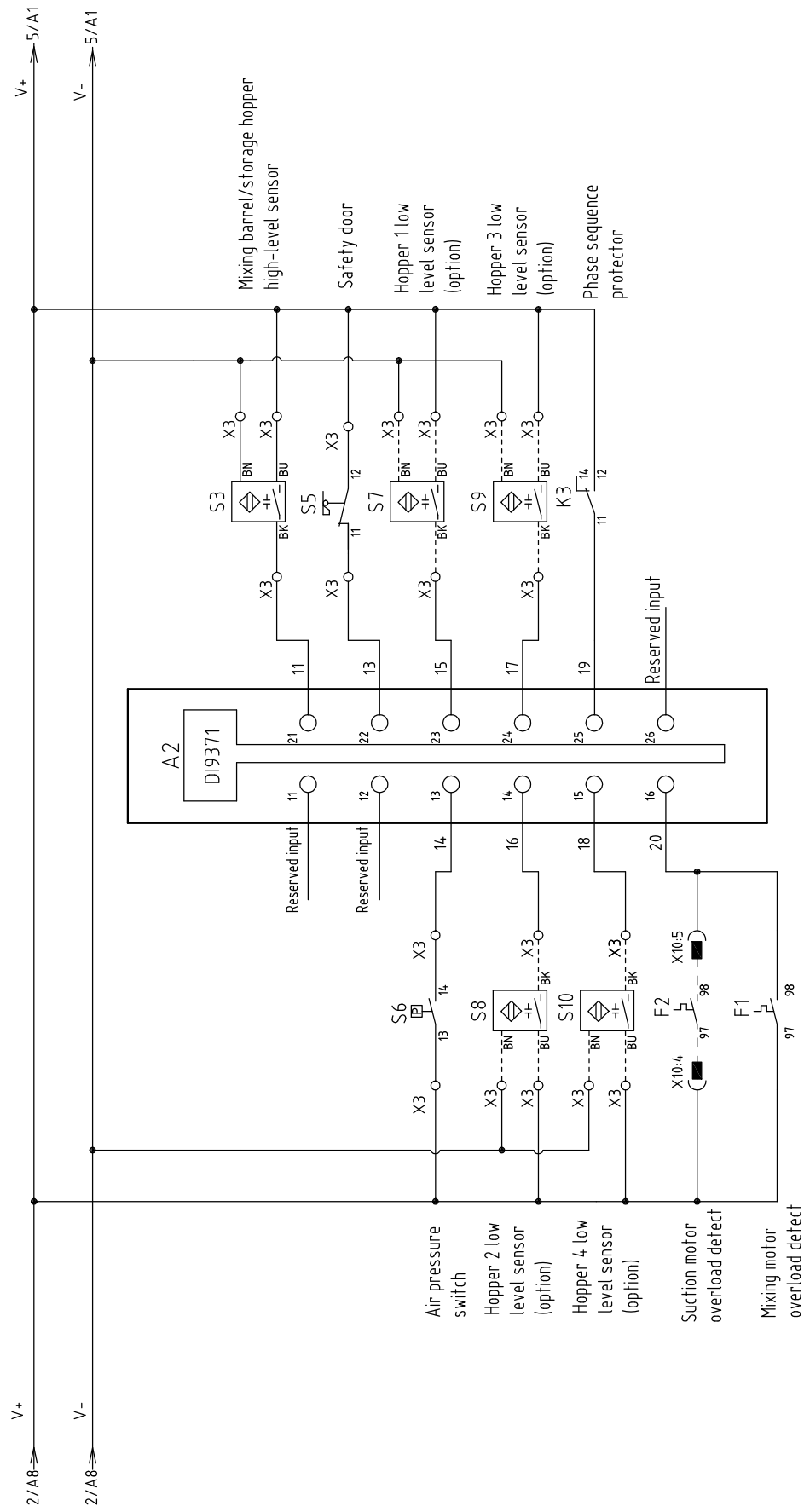




机型版本 Ver.D

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													8

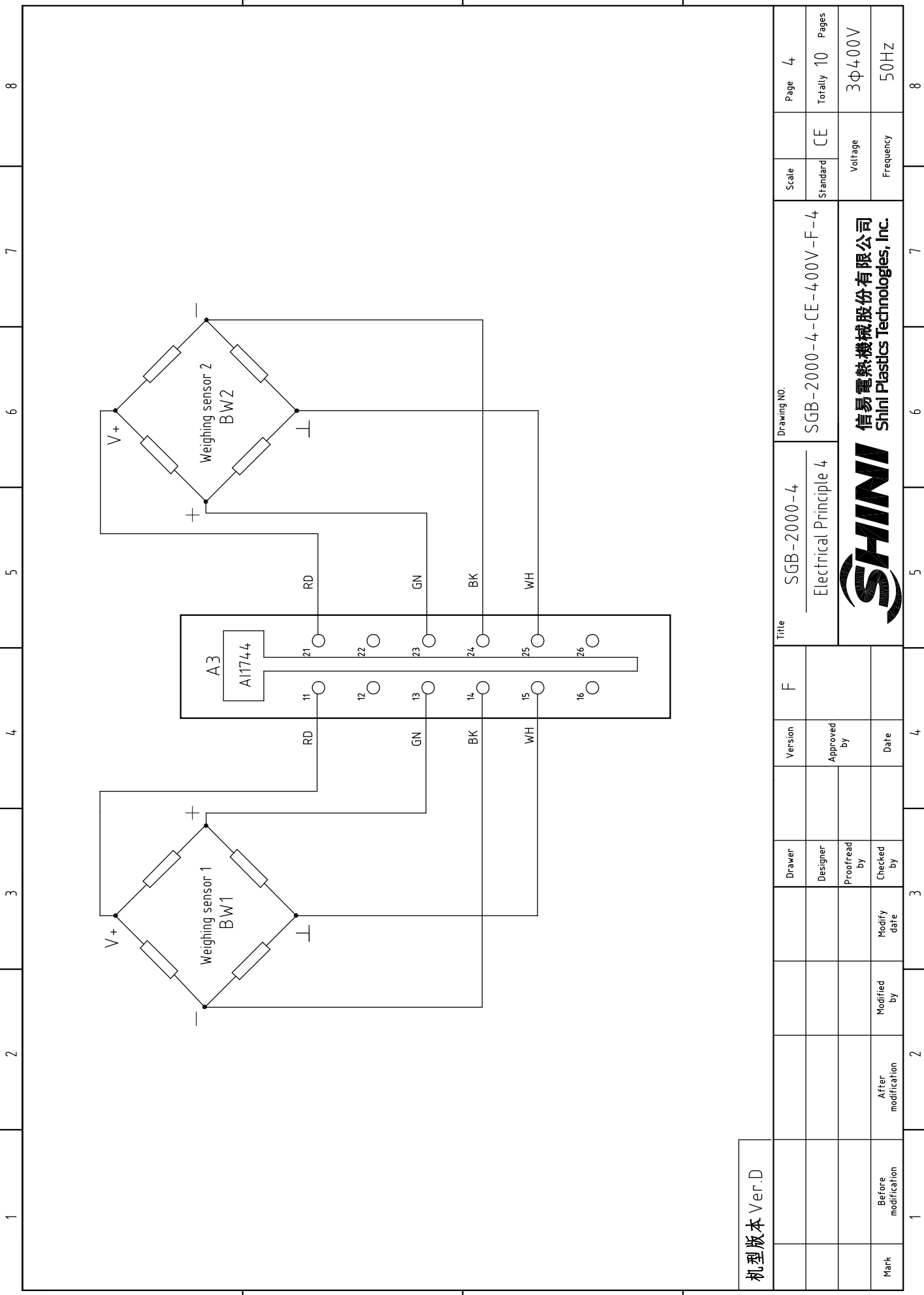




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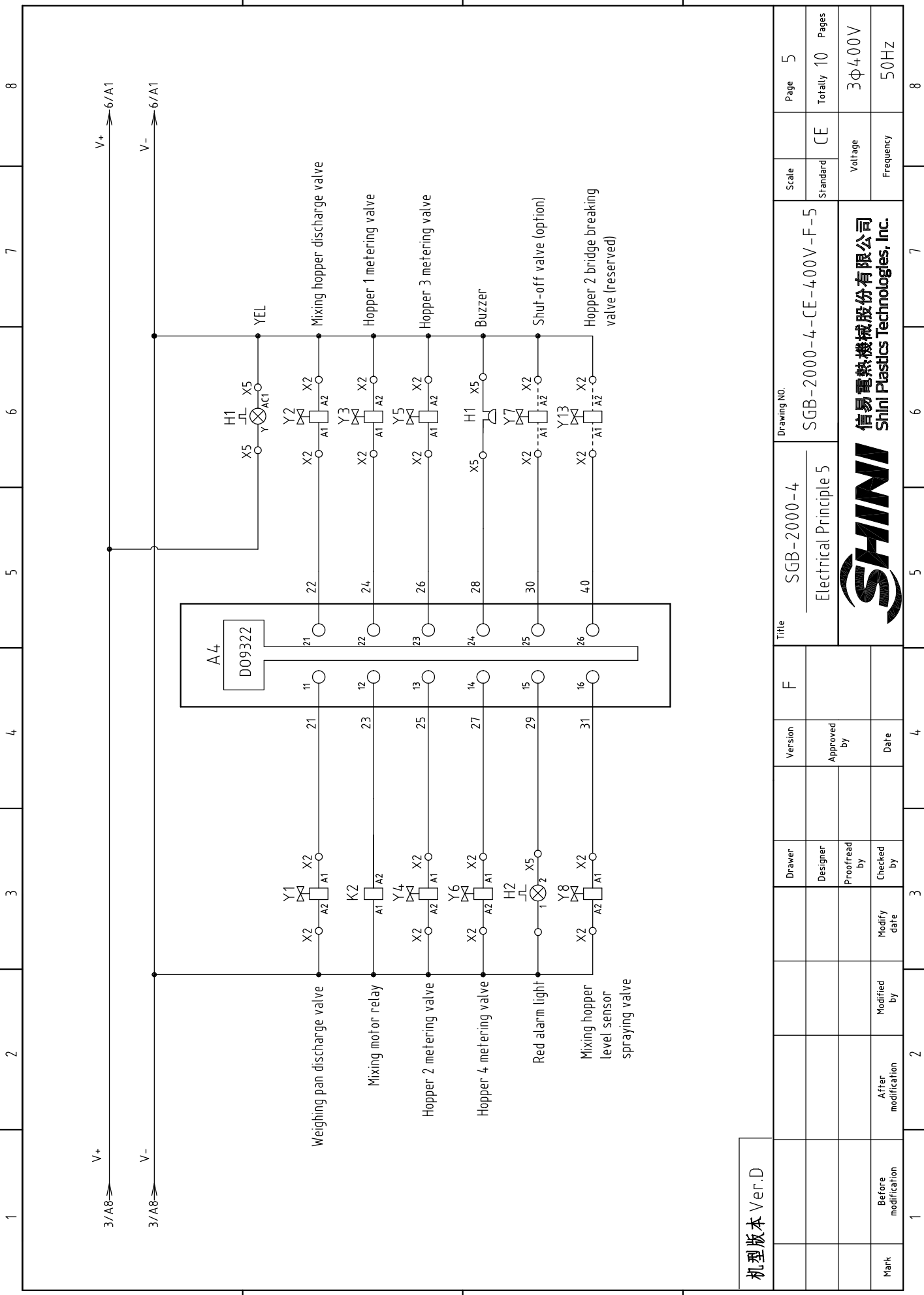




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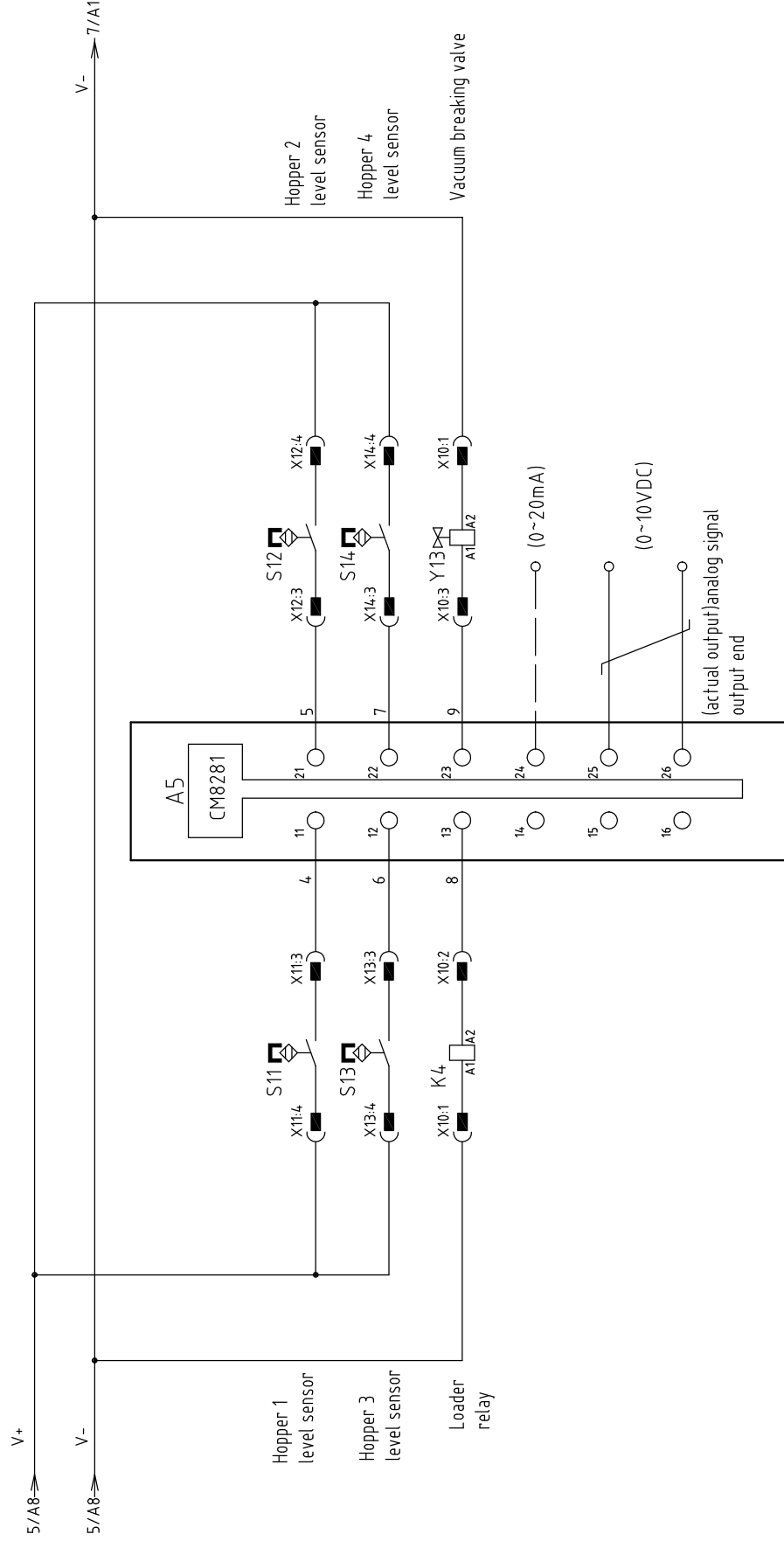
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									Approved by					CE	Totally 10
									Date						Pages
															3Φ400V
															50HZ
															8





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1	2	3	4	5	6	7	8
Title		Version		Drawing NO.		Scale	
SGB-2000-4		F		SGB-2000-4-CE-4.00V-F-5		Standard	
Electrical Principle 5		Approved by		CE		Voltage	
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信易电热机械股份有限公司 Shini Plastics Technologies, Inc.		3		5		10	
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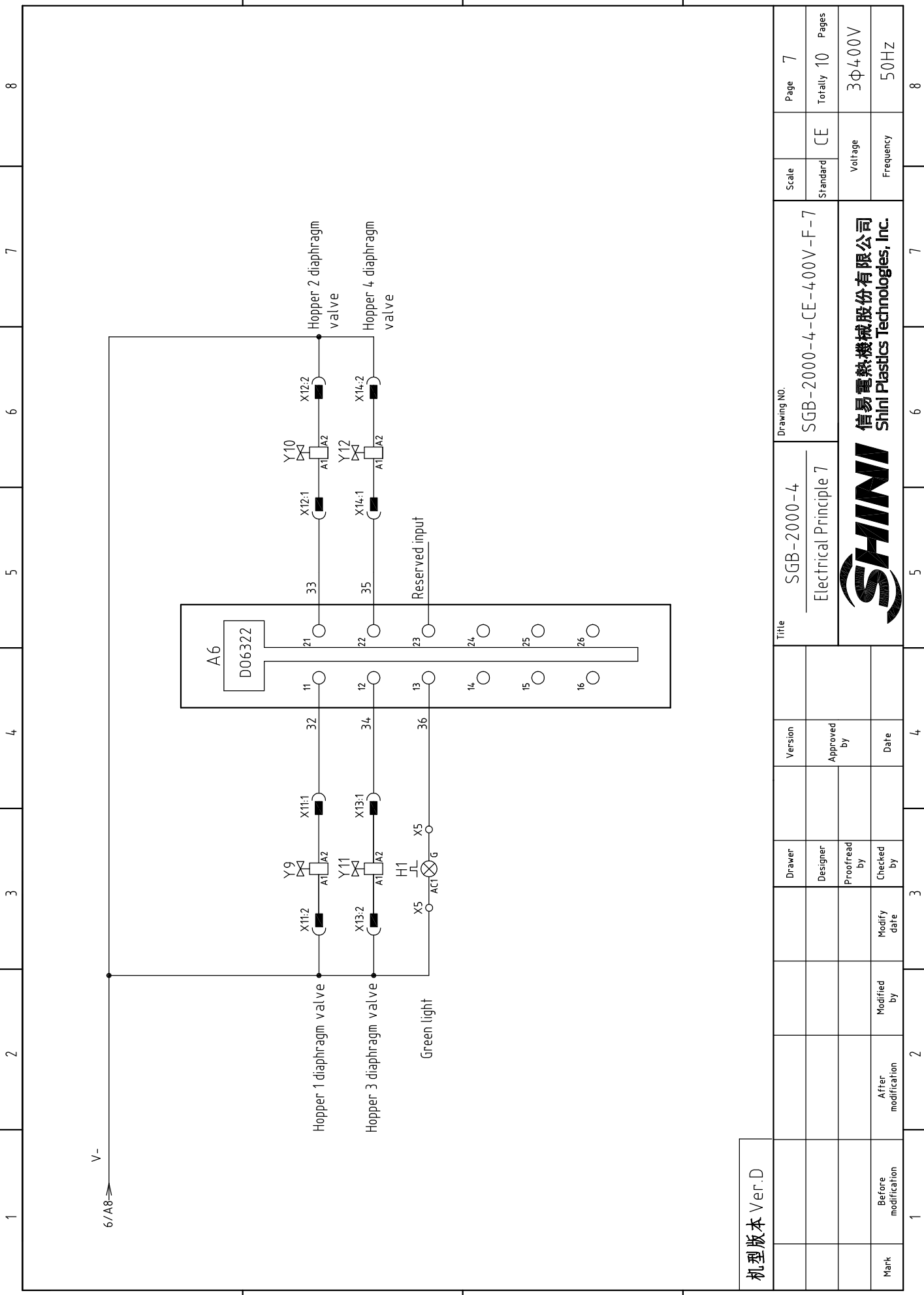
机型版本 Ver.D

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Drawing NO.

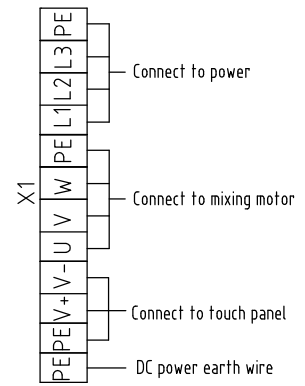
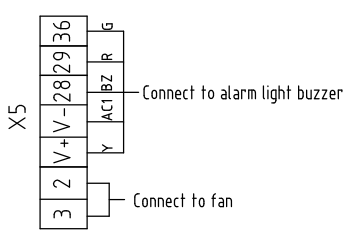
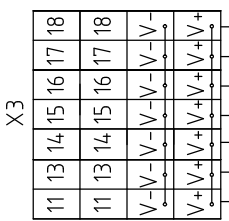
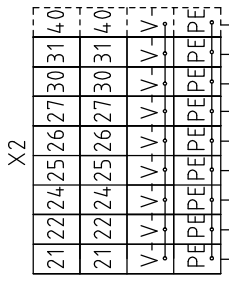
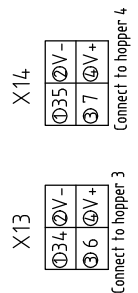
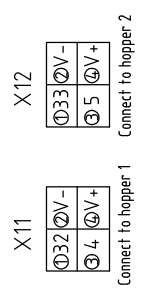
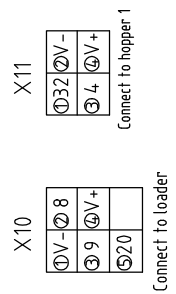
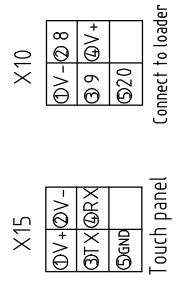
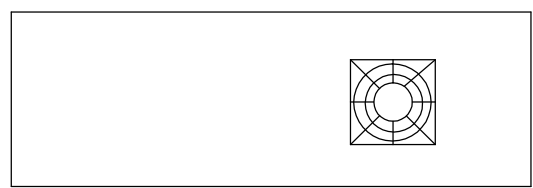
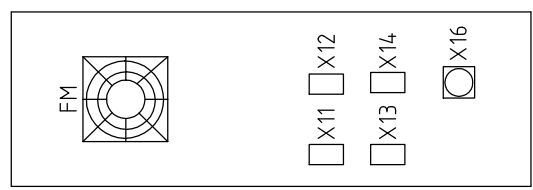
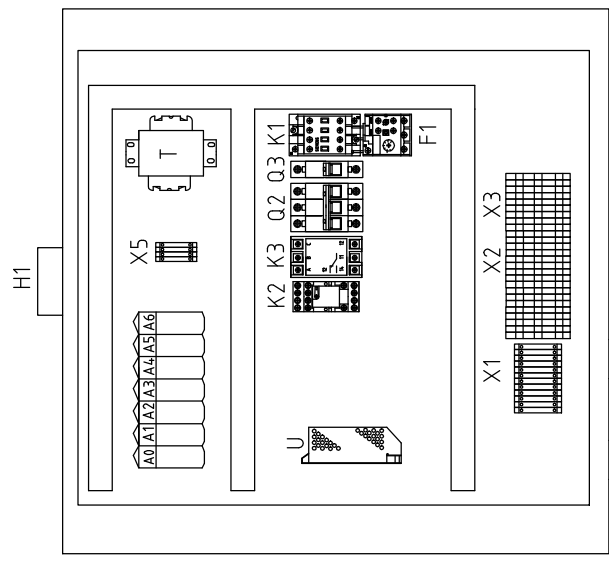
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机型版本 Ver.D


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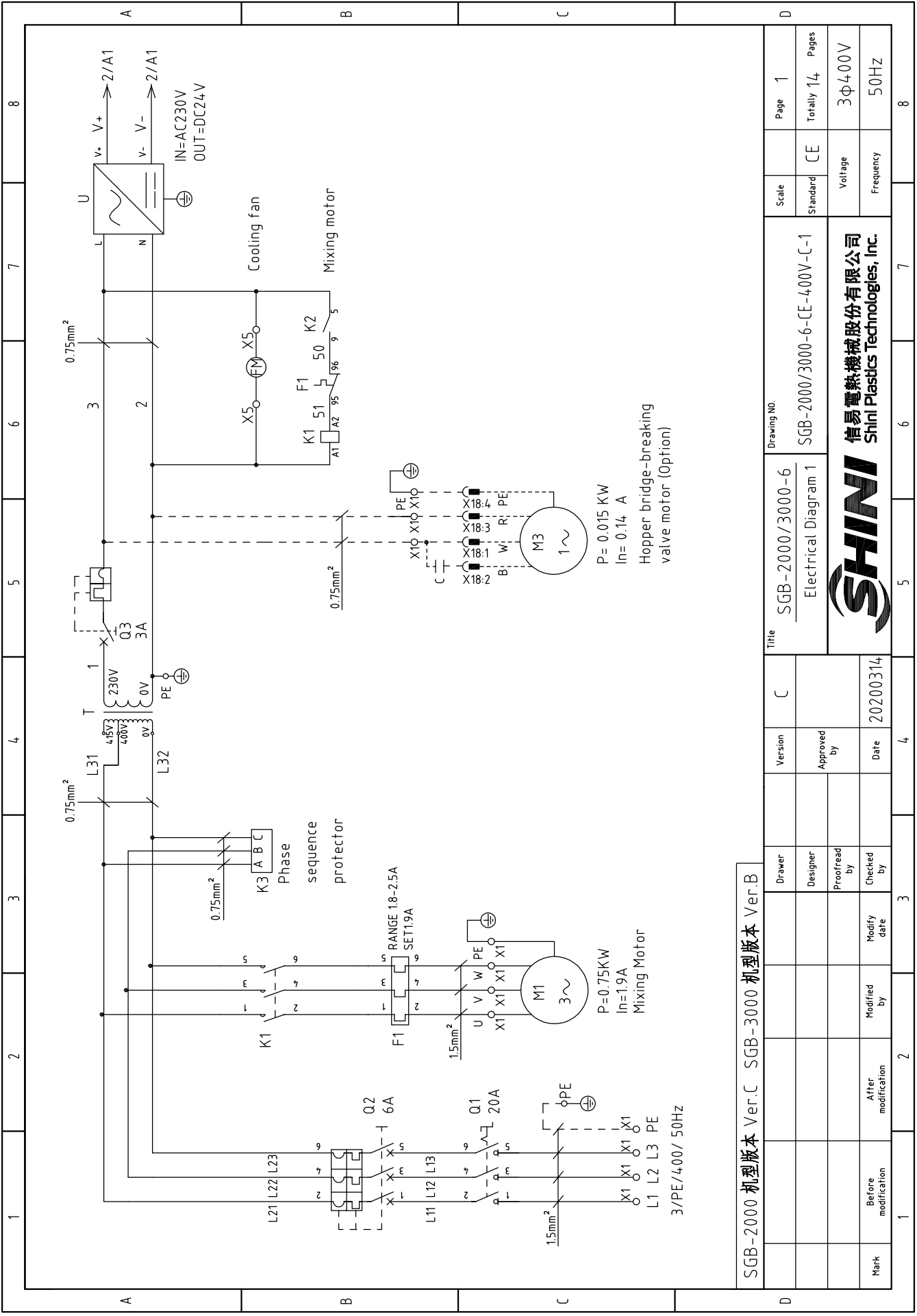
- Connect to hopper 4 low level sensor — option
- Connect to hopper 3 low level sensor — option
- Connect to hopper 2 low level sensor — option
- Connect to hopper 1 low level sensor — option
- Connect to air pressure
- Connect to safety door
- Connect to mixing tank/storage hopper level sensor

- Connect to hopper 2 bridge breaking valve (reversed)
- Connect to mixing hopper level sensor spraying valve
- Connect to shut-off valve — option
- Connect to hopper 4 metering valve
- Connect to hopper 3 metering valve
- Connect to hopper 2 metering valve
- Connect to hopper 1 metering valve
- Connect to mixing hopper discharge valve
- Connect to weighing pan discharge valve

机型版本 Ver.D

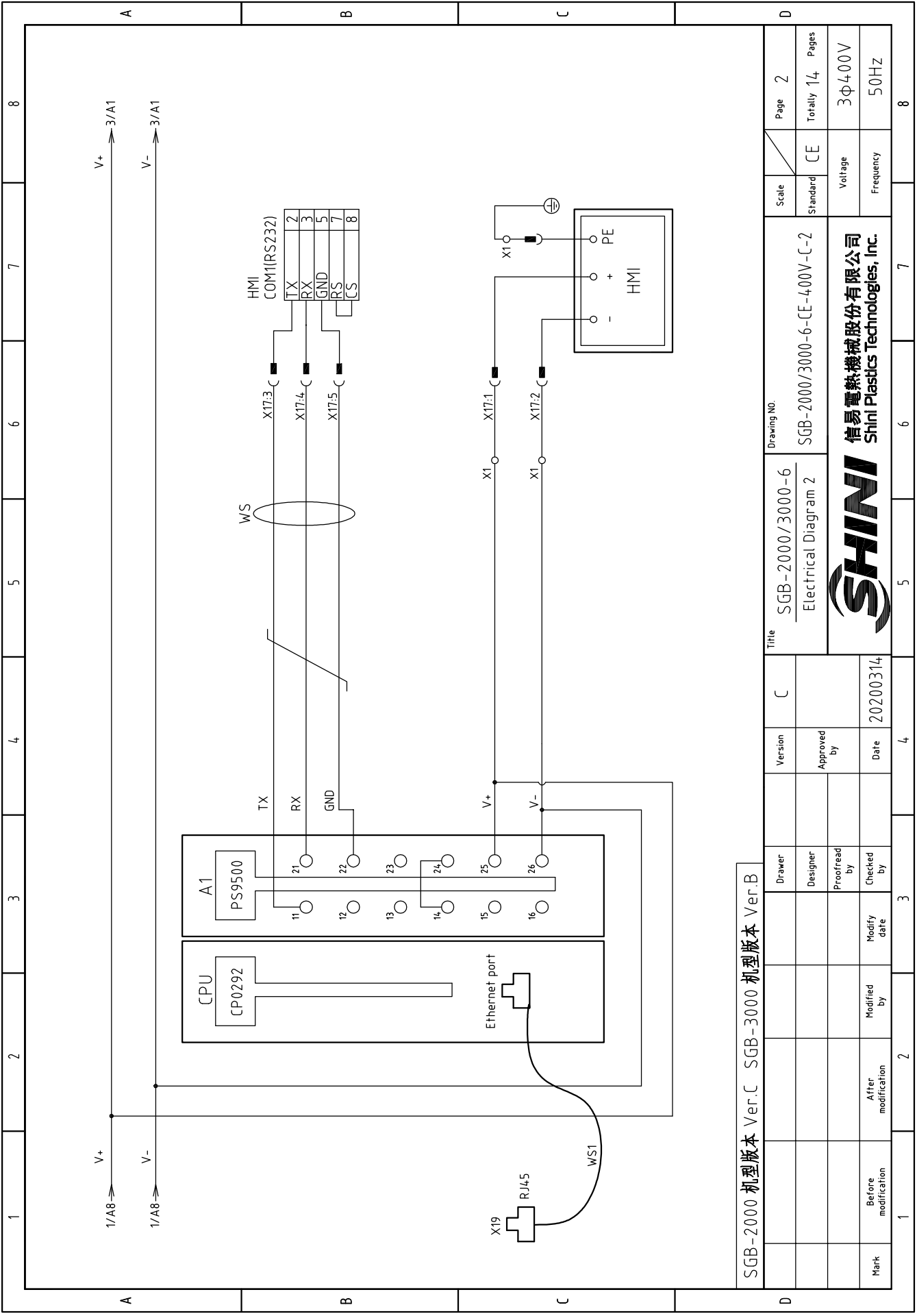
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Mark	Before modification	After modification	Modified by	Modify date	Checked by	Proofread by	Designer
Drawer	Version	F	Approved by	Date	Checked by	Proofread by	Designer
							
信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.				Voltage	3Φ400V	Frequency	50HZ

1	2		3		4	5	6		7	8																																																																																					
No.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark																																																																																							
1	Q1	Main power switch	EATON	T0-2-1/EA/SVB	20A	1	YE10021160000																																																																																								
2	Q2	Circuit breakers	TECO	BM-63C 3P	6A	1	YE40300603000																																																																																								
3	Q3	Circuit breaker	TECO	BM-63C	3A	1	YE40100203000																																																																																								
4	S3	Capacitive proximity switch	IFM	KI 5082	10~36VDC	1	----	(1)																																																																																							
5	S7~S10	Capacitive proximity switch	IFM	KI 5082	10~36VDC	4	----	(1) (2)																																																																																							
6	S5	Safety switch	SCHMERSRC	AZ152VK-1476	AC-15	1	----	(1)																																																																																							
7	S6	Pressure switch	FOX	K4SA02	1~12KG	1	----	(1)																																																																																							
8	K1	Contactors	SIEMENS	3RT6015-1AN21	230V 50/60Hz	1	YE00601521000																																																																																								
9	K2	Middle relay	WEIDMULLER	DRM270024LT	24VDC 12A	1	YE03272400000																																																																																								
10	K3	Phase sequence relay	CHAOSHI	ABJ2-12W	400V	1	YE03103800000																																																																																								
11	F1	Thermal overload relays	SIEMENS	3RU6116-1CB0	1.8~2.5A	1	YE01160180000																																																																																								
12	T	Transformer	JIUXIN	IN=400V/415V OUT=230V	500mA	1	YE70040005200																																																																																								
13	U	DC power	MEAN WELL	S-100-24	+24V 4.5A	1	YE71102400000																																																																																								
14	A0~A7	4组份称重料机电控制器/Controller	B&R	-----	-----	1	YE80024000100	Cancel																																																																																							
15	A0	CPU/controller	B&R	X20 CP0410	-----	1	YE80041000200	New																																																																																							
16		CPU base	B&R	X20 BB52	-----	1	YE80041100300	New																																																																																							
17	A1	Power module	B&R	X20 PS9600	-----	1	YE80960000000	New																																																																																							
18	A2	Input module	B&R	X20 DI9371	-----	1	YE80937100000	New																																																																																							
19	A3	Weighing module	B&R	X20 AI1744	-----	1	YE80200000500	New																																																																																							
20	A4	Output module	B&R	X20 DO9322	-----	1	YE80209300000	New																																																																																							
21	A5	Common module	B&R	X20 CM8281	-----	1	YE80200000700	New																																																																																							
22	A6	Output module	B&R	X20 DO6322	-----	1	YE80632200000	New																																																																																							
23		12 core terminal block	B&R	X20 TB12	-----	6	YE80201100000	New																																																																																							
24		I/O base module	B&R	X20 BM11	-----	5	YE80200100000	New																																																																																							
25	HMI	Human-machine interface	SCHNEIDER	GXU3512	24VDC	1	YE80351200100																																																																																								
机型版本 Ver.D Notes: (1) Materials not in the control box; (2) Optional low level sensor; (3) Optional bridge breaking valve; (4) Optional shut-off valve;																																																																																															
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SGB-2000 机型版本 Ver.C SGB-3000 机型版本 Ver.B

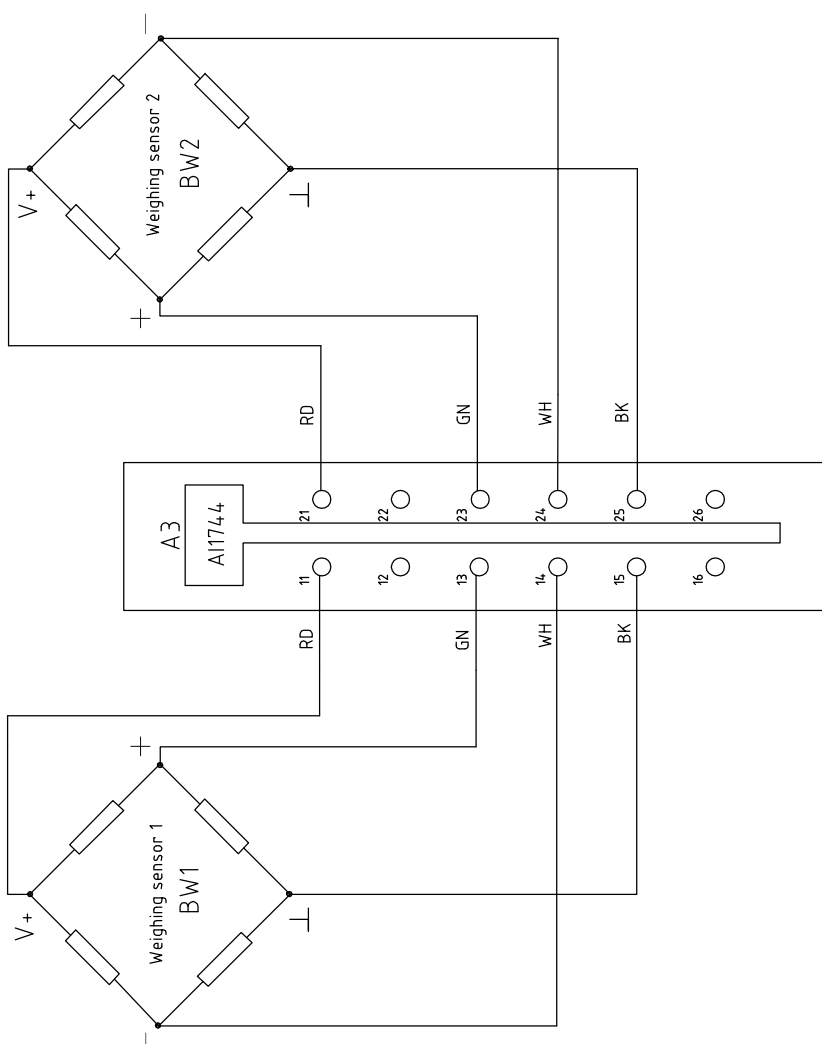
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Shini Plastics Technologies, Inc.							50HZ
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SGB-2000 机型版本 Ver.C SGB-3000 机型版本 Ver.B

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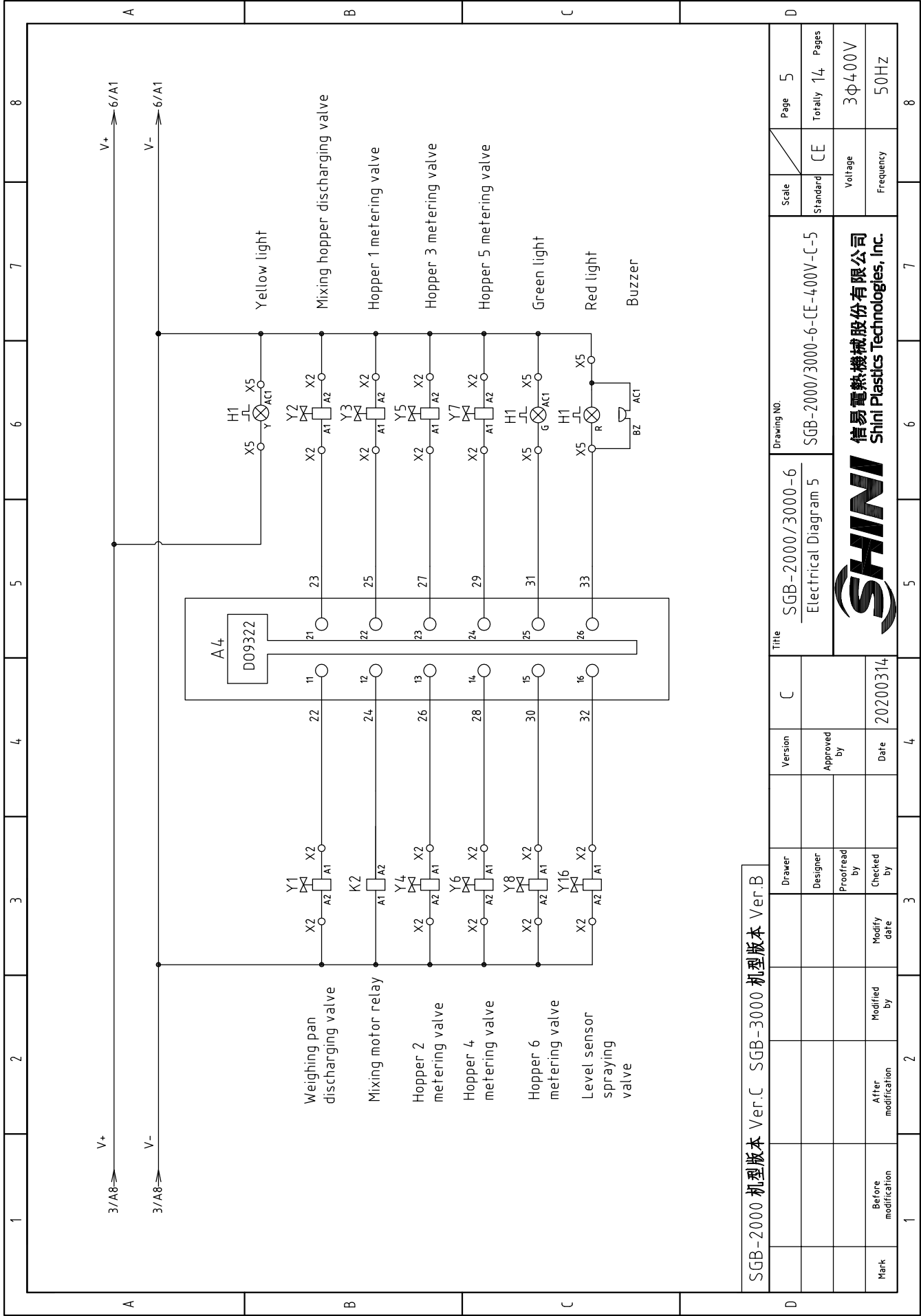
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Drawing NO. SGB-2000/3000-6-CE-400V-C-4

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

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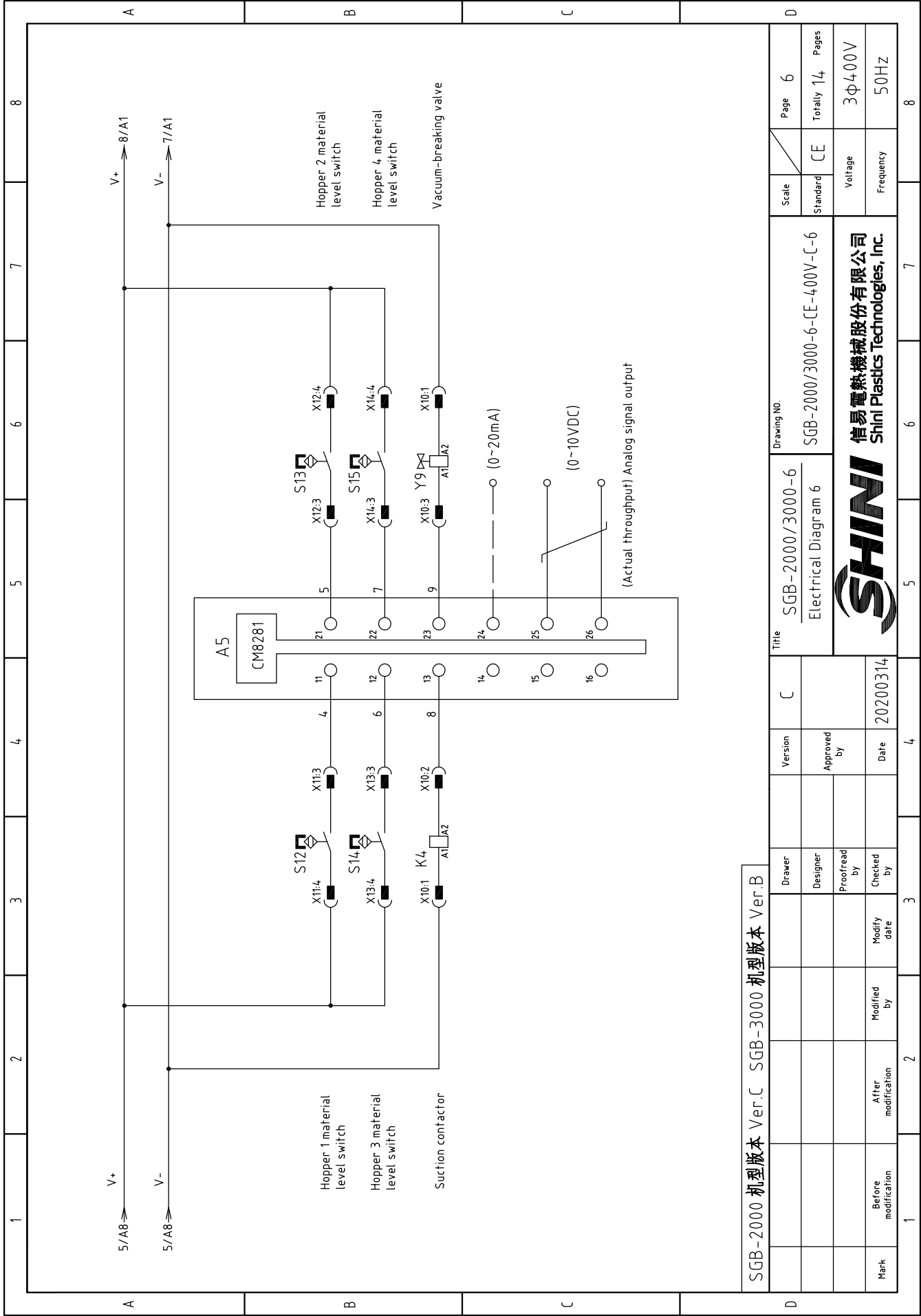
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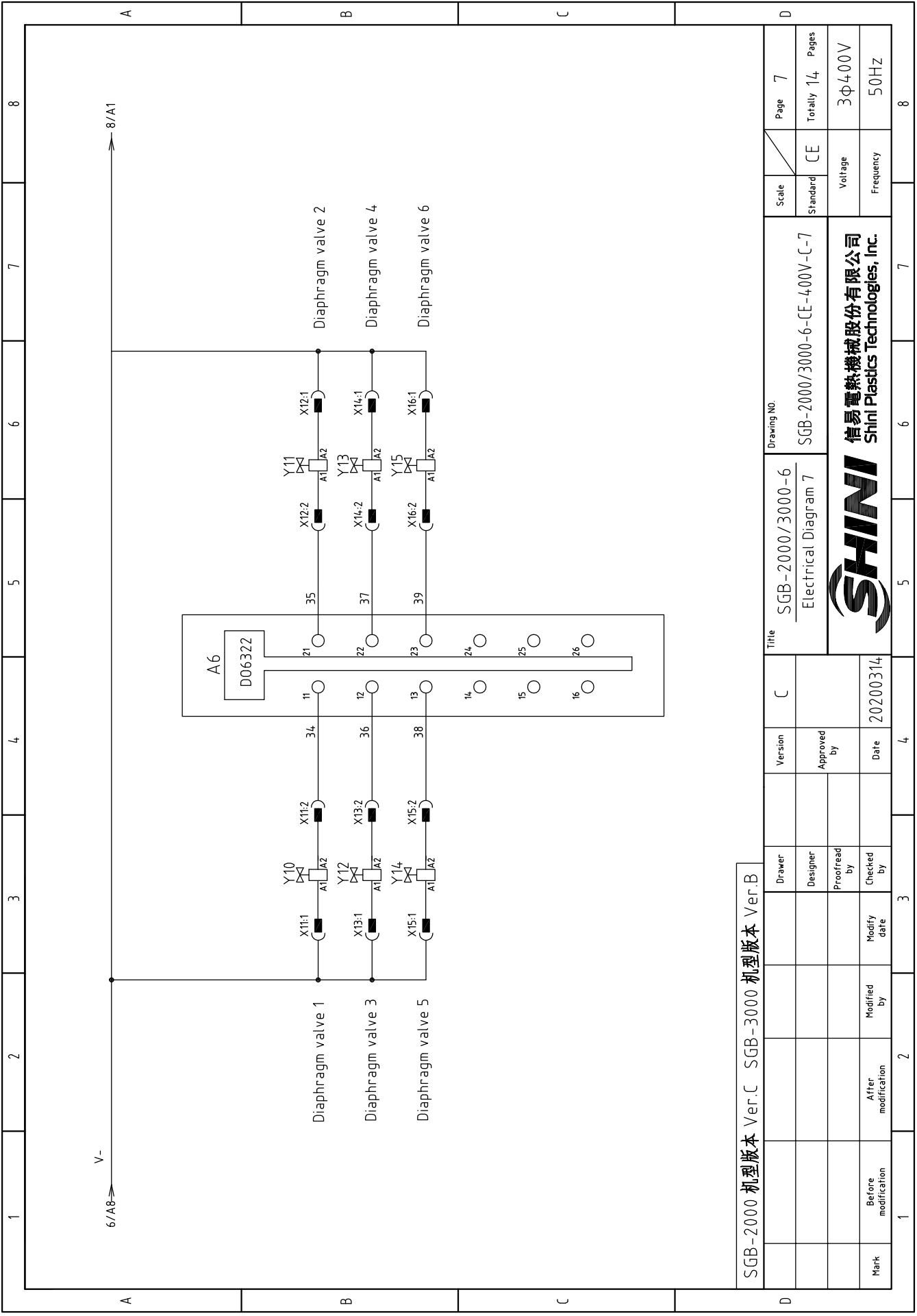




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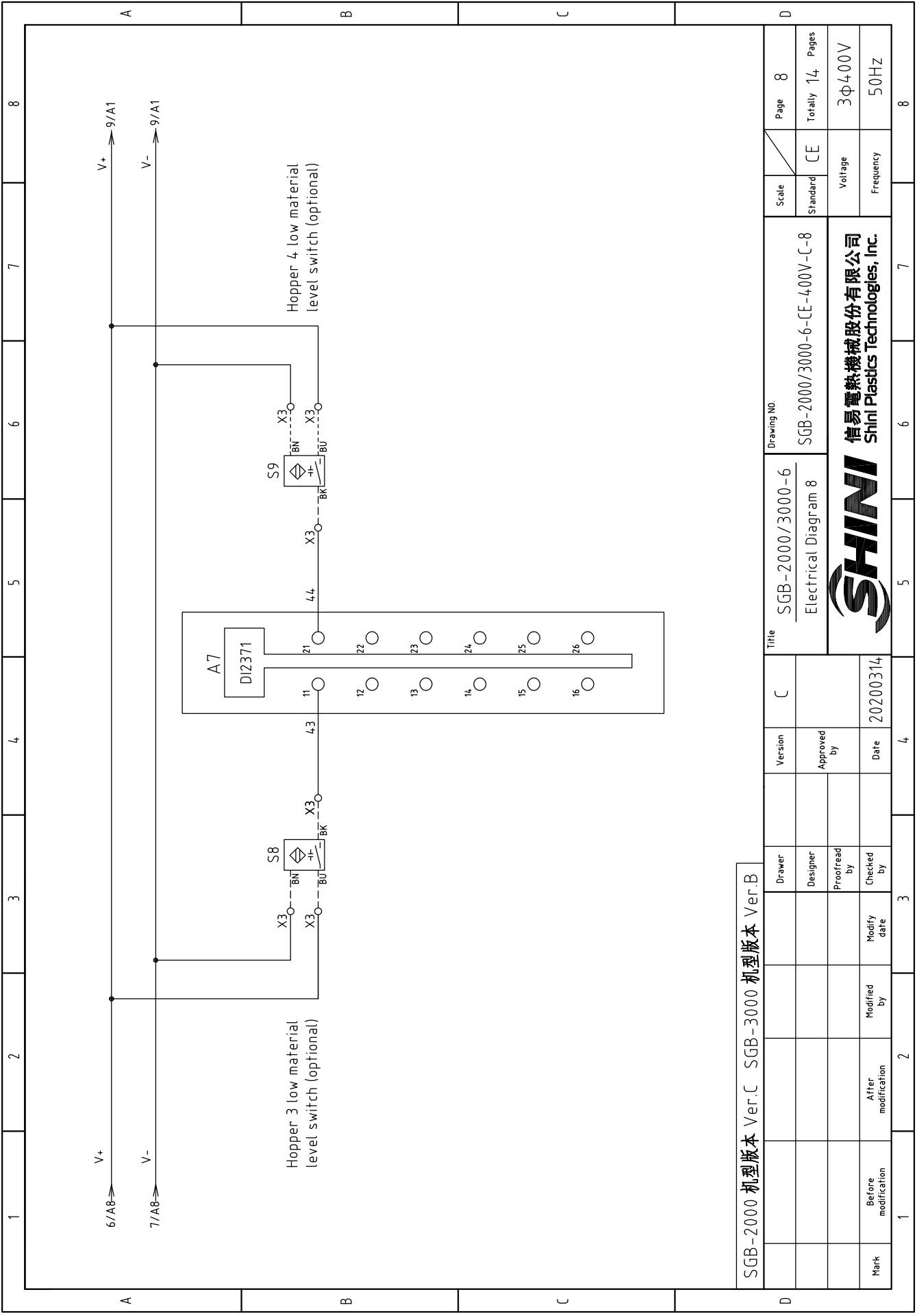
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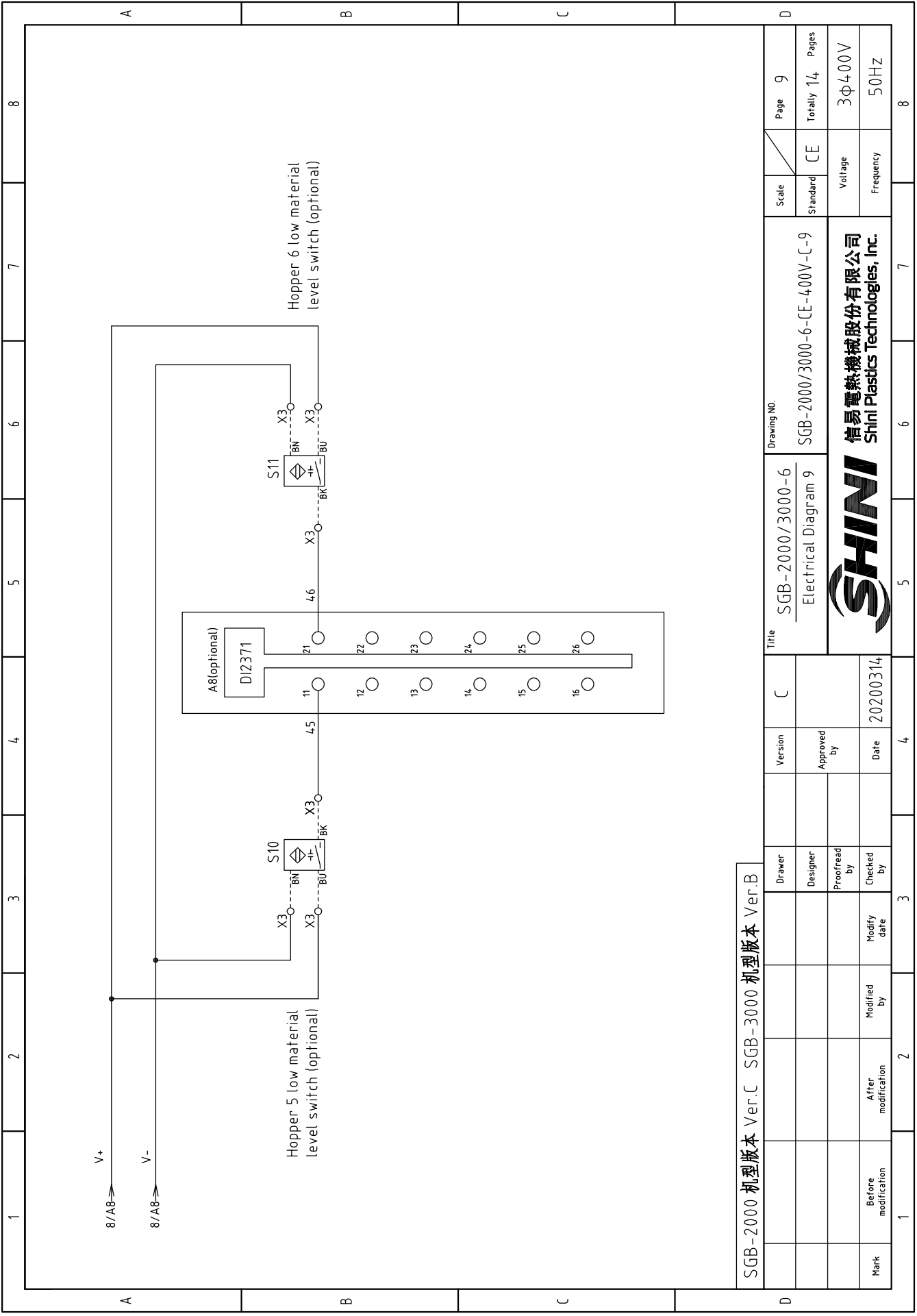
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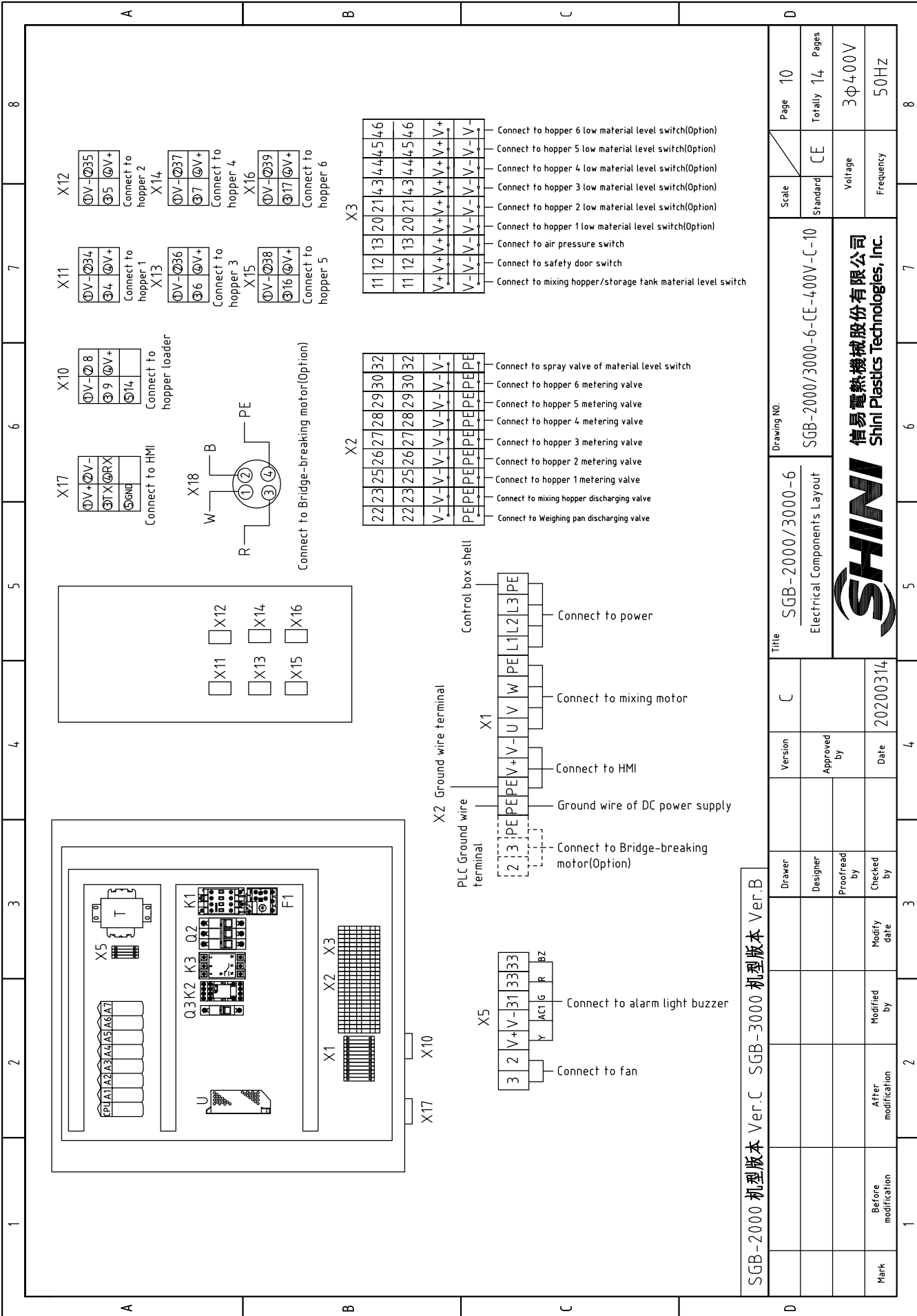
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Mark	Before modification	Modified by	2
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SGB-2000 机型版本 Ver.C SGB-3000 机型版本 Ver.B

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Date			Checked by		Voltage	
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Date			Modify date		Frequency	
4			3		50HZ	
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5			6		7	
6			7		8	



X12



Connect to hopper 2 X14

X11



Connect to hopper 1 X13

X10

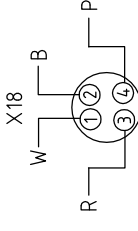


Connect to hopper loader

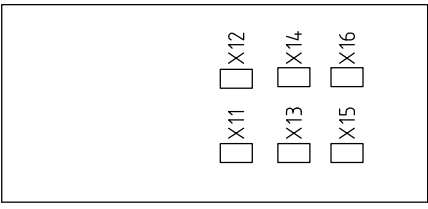
X17



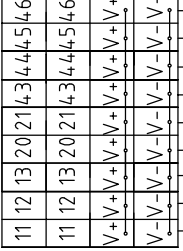
Connect to HMI



Connect to Bridge-breaking motor(Optional)

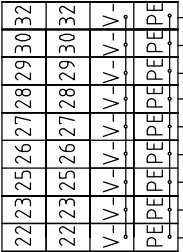


X3



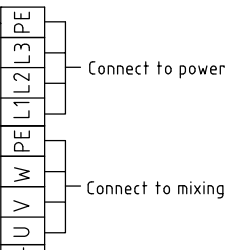
- Connect to hopper 6 low material level switch(Optional)
- Connect to hopper 5 low material level switch(Optional)
- Connect to hopper 4 low material level switch(Optional)
- Connect to hopper 3 low material level switch(Optional)
- Connect to hopper 2 low material level switch(Optional)
- Connect to hopper 1 low material level switch(Optional)
- Connect to air pressure switch
- Connect to safety door switch
- Connect to mixing hopper/storage tank material level switch

X2



- Connect to spray valve of material level switch
- Connect to hopper 6 metering valve
- Connect to hopper 5 metering valve
- Connect to hopper 4 metering valve
- Connect to hopper 3 metering valve
- Connect to hopper 2 metering valve
- Connect to hopper 1 metering valve
- Connect to mixing hopper discharging valve
- Connect to Weighing pan discharging valve

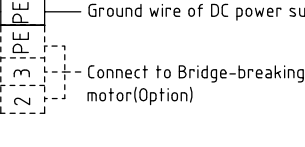
Control box shell



- Connect to power
- Connect to mixing motor
- Connect to HMI
- Ground wire of DC power supply

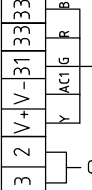
X2 Ground wire terminal

PLC Ground wire terminal



- Connect to Bridge-breaking motor(Optional)

X5



- Connect to fan
- Connect to alarm light buzzer

SGB-2000 机型版本 Ver.C SGB-3000 机型版本 Ver.B

Scale	Standard	CE	Page	10
Drawing NO.		SGB-2000/3000-6-CE-400V-C-10		
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Designer		Checked by	20200314	
Proofread by		Modified by		
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Standard	Voltage	Frequency	3Φ400V 50Hz	
Totally		Pages		
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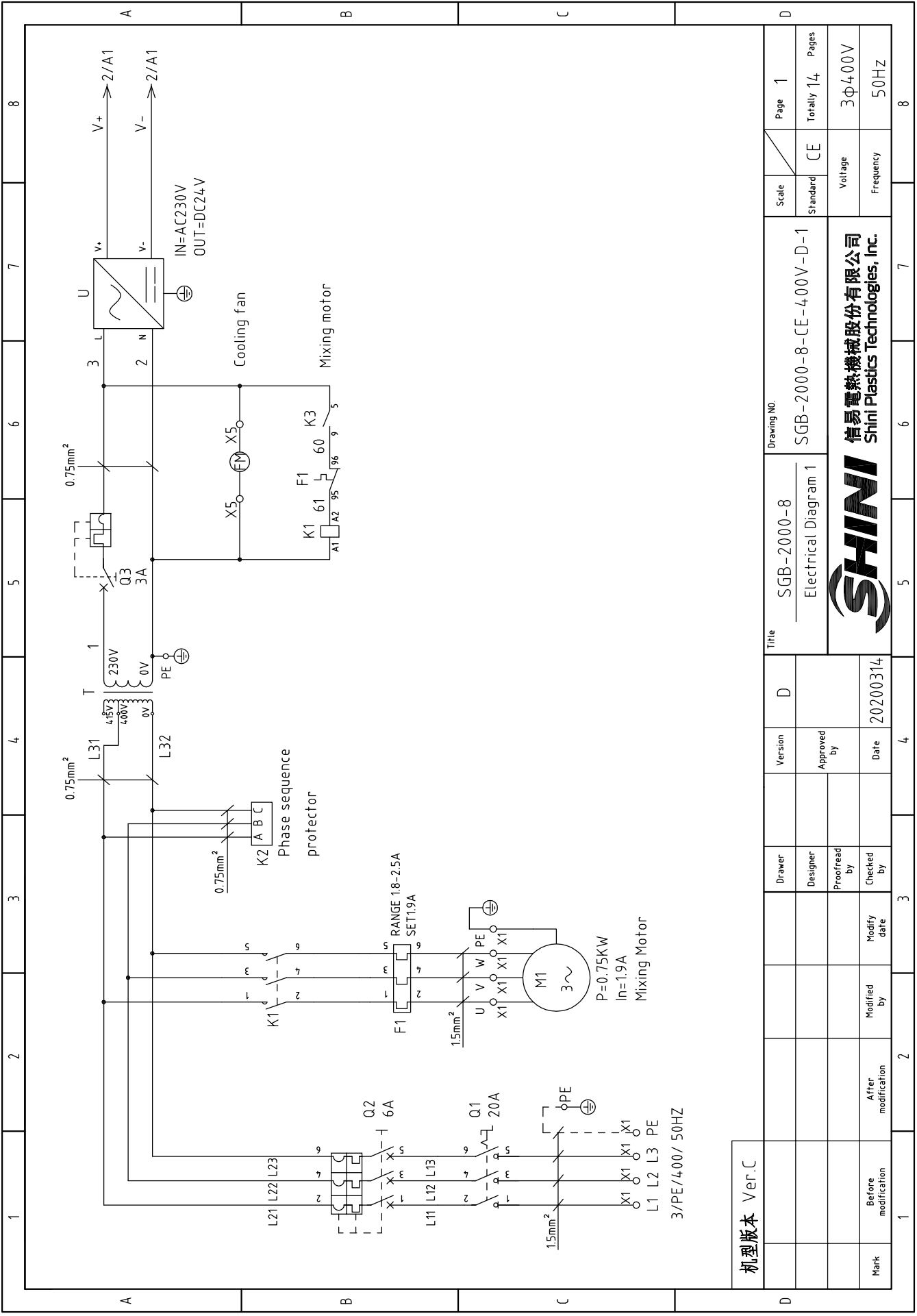
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Shini Plastics Technologies, Inc.

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No.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark
1	Q1	Main power switch	EATON	TO-2-1/EA/SVB	16A	1	YE10021160000	
2	Q2	Circuit-Breakers	TECO	BM-63C/ 3006S	6A	1	YE40603000000	
3	Q3	Circuit breaker	TECO	BM-63C	3A	1	YE40100203000	
4	S3	Capacitive proximity switch	IFM	KI 5082	10~36VDC	1	----	(1)
5	S6~S11	Capacitive proximity switch	IFM	KI 5082	10~36VDC	6	----	(1) (2)
6	S4	Safety switch	SCHMERSRC	AZ152VK-1476	AC-15	1	----	(1)
7	S5	Pressure switch	FOX	K4SA02	1~12KG	1	----	(1)
8	K1	Contactors	SIEMENS	3RT6015-1AN21	230V 50/60HZ	1	YE00601521000	
9	K3	Phase sequence protector	CHAOSHI	ABJ-10W	400V	1	YE03103800000	
10	K2	Middle relay	WEIDMULLER	DRM270024LT	24VDC 12A	1	YE03272400000	
11	F1	Thermo-overload relay	SIEMENS	3RU6116-1BB0	1.4~2A	1	YE01160140000	Cancel
12	F1	Thermo overload relay	SIEMENS	3RU6116-1CB0	1.8-2.5A	1	YE01160180000	New
13	T	Transformer	JIUXIN	IN=400/415V OUT=230V	500mA	1	YE70040005200	
14	U	DC power	MEAN WELL	S-100-24	+24V 4.5A	1	YE71102400000	
15	CPU,A1~A7	4-component gravimetric Controller	B&R	----	----	1	YE80024000100	
16	A8	Digital input mouldle	B&R	X20 DI2371	----	1	YE80237100000	(2)
17		Terminal block	B&R	X20 TB12	----	1	YE80201100000	(2)
18		Bus mouldle	B&R	X20 BM11	----	1	YE80200100000	(2)
19	HMI	Human-machine interface	SCHNEIDER	GXU3512	24VDC	1	YE80351200100	
20	H1	3-color alarm lamp with buzzer	----	PK-27A	24VDC	1	BL90002401520	New
21	BW1BW2	Weighing sensor	ZHONGHANG	L6D-C3-20kg-2.4B	10VDC 2mV/V	2	----	(1)
22	X1	Terminal	Honeywell	SK2.5	2.5mm ²	8	YE60002503200	
23	X1	Terminal	Honeywell	GK2.5PE	2.5mm ² PE	4	YE60002503400	
24	X2,X3	Terminal	Honeywell	SK2.5-TL	250V 2.5	20	YE60002503600	
25	X5	Terminal	Honeywell	SK2.5	2.5mm ²	7	YE60002503200	
机型号版本 Ver.B Note: (1) means not part of control box. (2) Optional low material level switch.								
				Version	C	Drawing NO. SGB-2000-6		Scale
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				Mark	20200314	SHINI		50HZ
				Before modification		SHINI		
				After modification		SHINI		
				Page	11	Page		11
				Totally	14	Totally		14
				Pages		Pages		

1	2		3	4	5	6	7	8
No.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark
	X11~X16	Heavy-duty plug-in	HARTING	Han 4A-F	4P+PE	6	YE68000401400	
	X10	Heavy-duty plug-in	HARTING	Han Q5/0-F	5P+PE	1	YE68000501400	
A	X17	Heavy-duty plug-in	HARTING	Han Q5/0-M/F	5P+PE	1	YE68000501200	
	WS	Cable/Signal bus	SHINI	3C×0.75mm ² +2C×0.5mm ²	M	5	YE51102900000	Self-made
	30	9-pin serial interface (female), including shell and screw	----	----	PCS	1	YE62090000100	
	31	Cooling fan	----	----	220~230VAC 50/60HZ	1	YM60121200400	
	32	Mixing Motor	----	0.55kW	400V 50/60Hz	1	----	(1)
	33	Solenoid valve	FESTO	----	24VDC	8	----	(1)
	34	Solenoid valve	FESTO	----	24VDC	1	----	(1)
	35	Super-5 freq. network jumper 1M	----	----	----	1	YE90000101600	
B	X19	Ethernet connector	----	RJ45F71	----	1	YE64457400000	Cancel
	X19	Ethernet connector	LINGKE	LP-16-J/RJ45/110/SX-03-201	----	1	YE68164501100	New
C								
D								
机型版本 Ver.B Note: (1) means not part of control box. (2) Optional low material level switch.								
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			Before modification				Frequency	50HZ
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Shini Plastics Technologies, Inc.

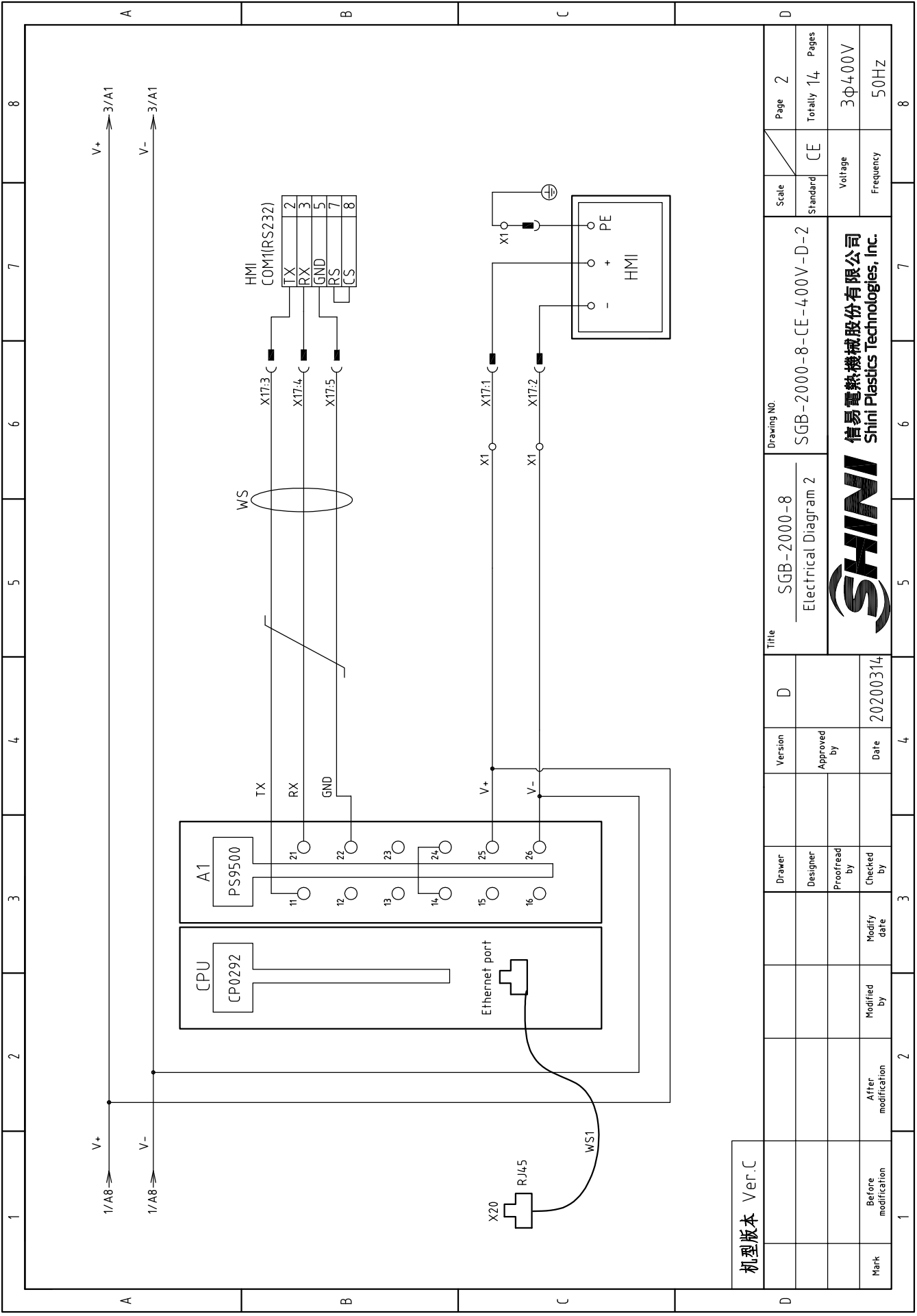


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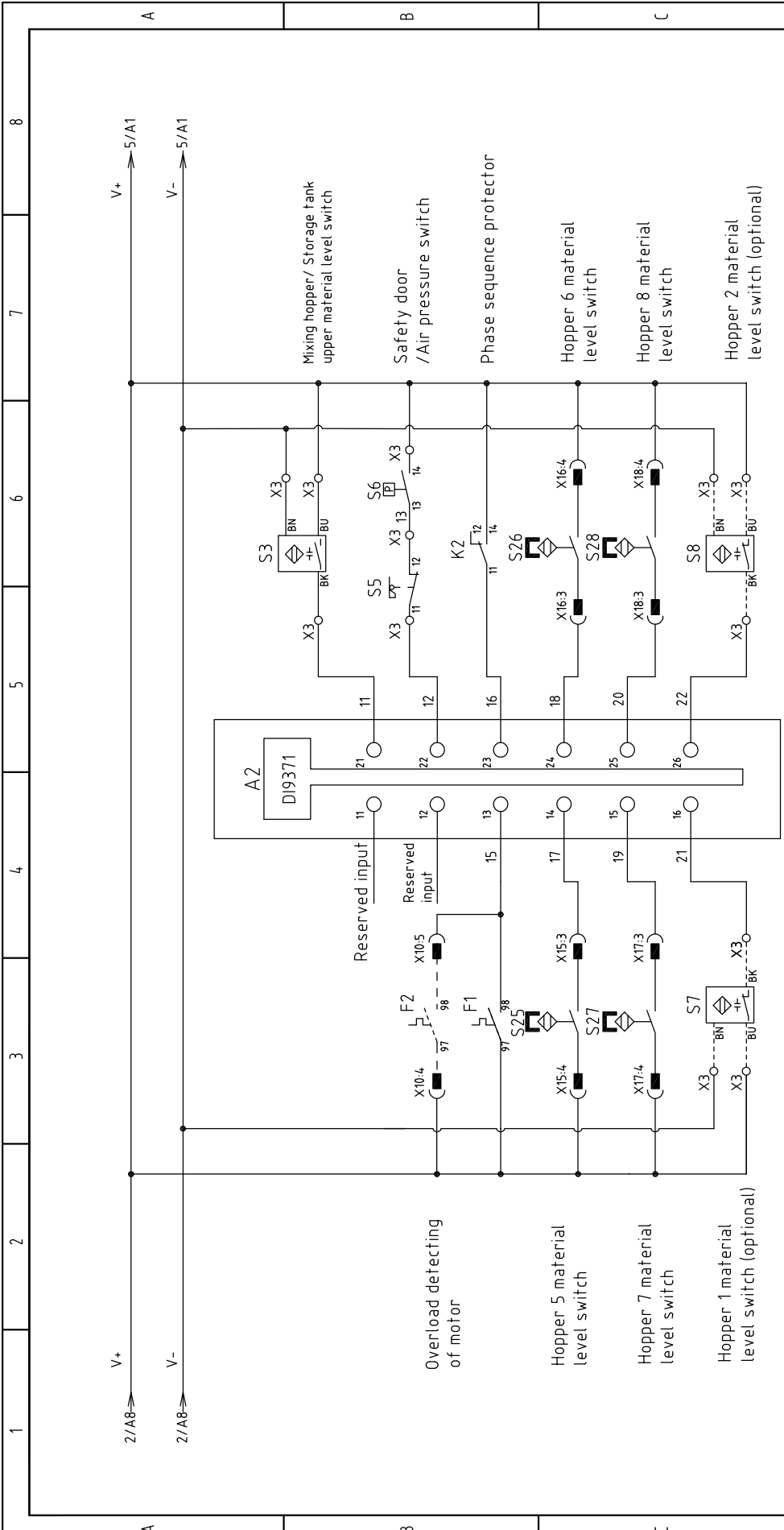
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Electrical Diagram 1		Standard	CE
Scale		Page	1
Voltage		3Φ400V	
Frequency		50HZ	
Totally		14	
Pages		8	





机型版本 Ver.C

1	2	3	4	5	6	7	8
Title		Version		Drawing NO.		Scale	
SGB-2000-8		D		SGB-2000-8-CE-400V-D-2		Page 2	
Electrical Diagram 2		Approved by		Standard		CE	
SHINI		Date		Voltage		Pages	
信易电热机械股份有限公司 Shini Plastics Technologies, Inc.		20200314		3Φ400V		Totally 14	
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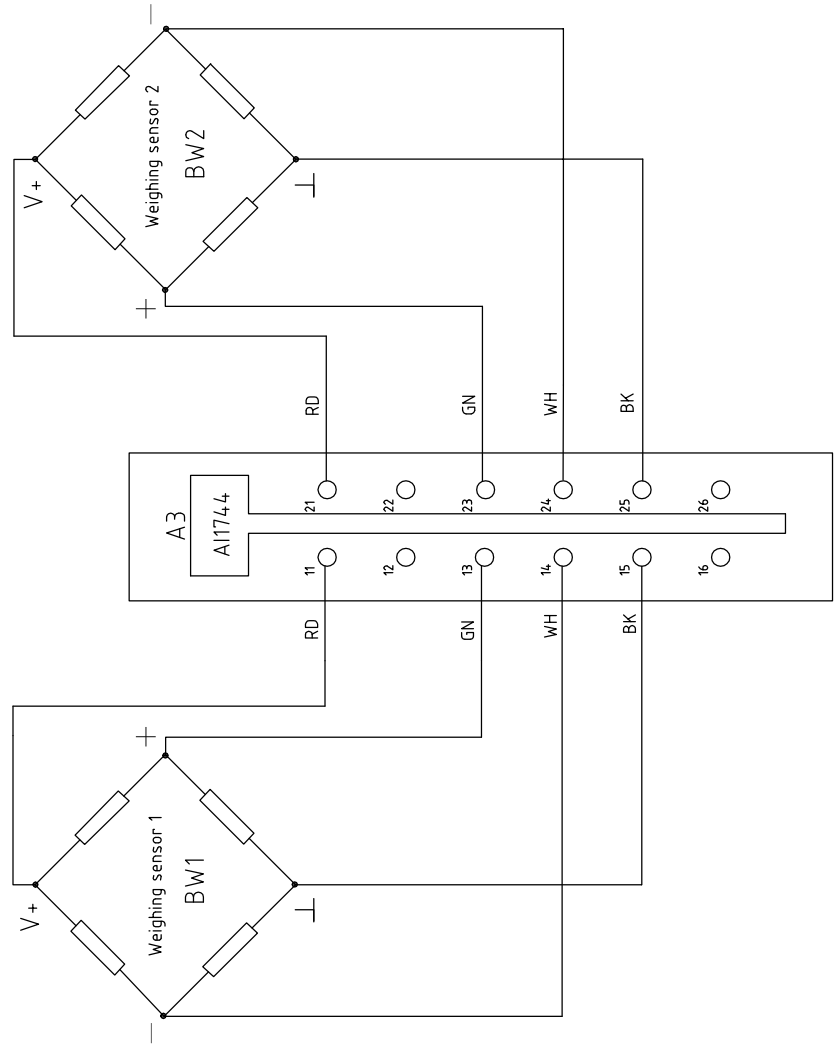


机型版本 Ver.C

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Title SGB-2000-8 Electrical Diagram 3			Drawing NO. SGB-2000-8-CE-400V-D-3				
Version D			Scale CE				
Designer Proofread by Checked by			Page 3 Totally 14 Pages				
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1 2 3 4 5 6 7 8



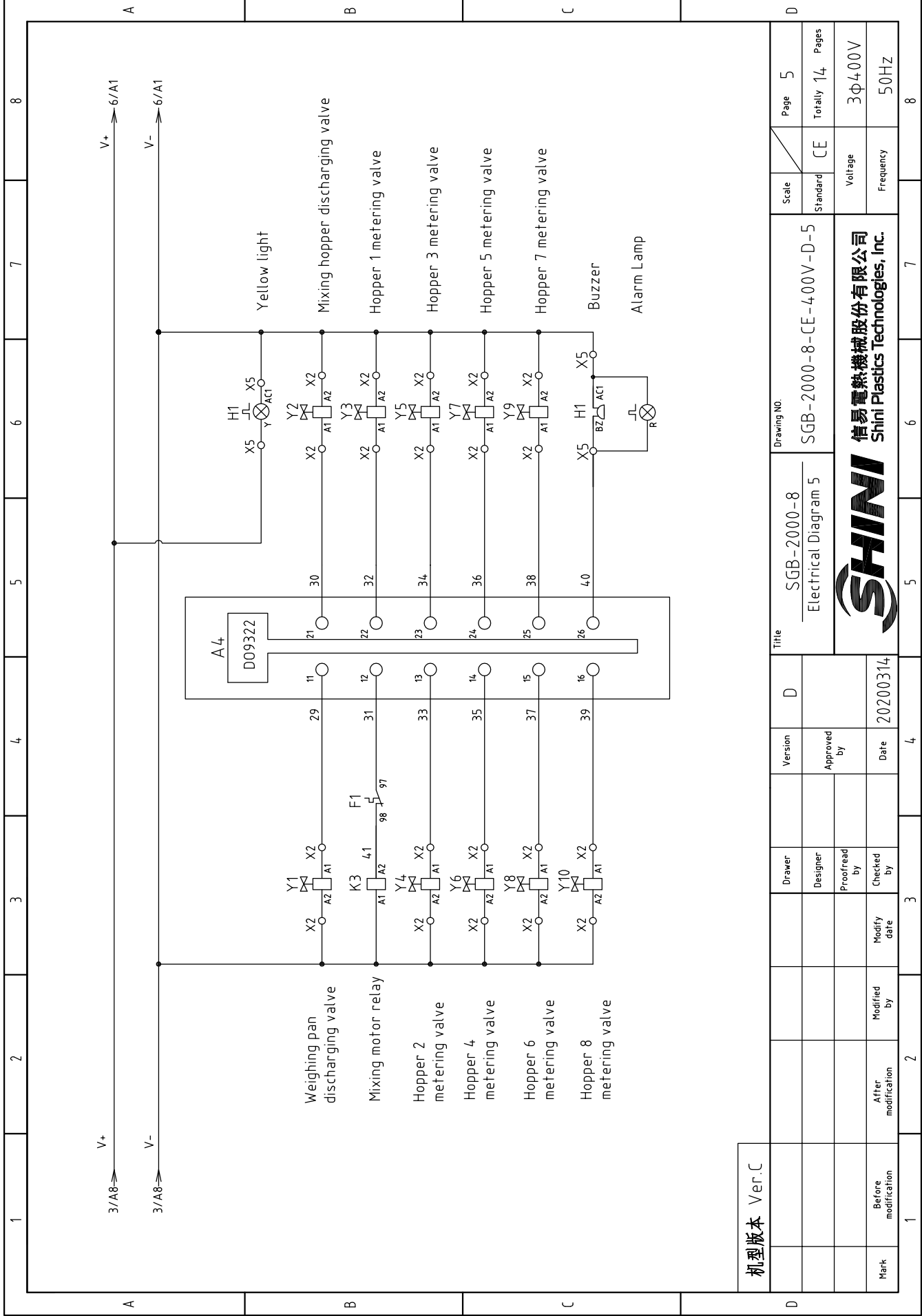
机型版本 Ver.C

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	After modification	Modified by	Modify date	Checked by	Proofread by	Designer	Drawer	Version	D				Standard	Totally	14
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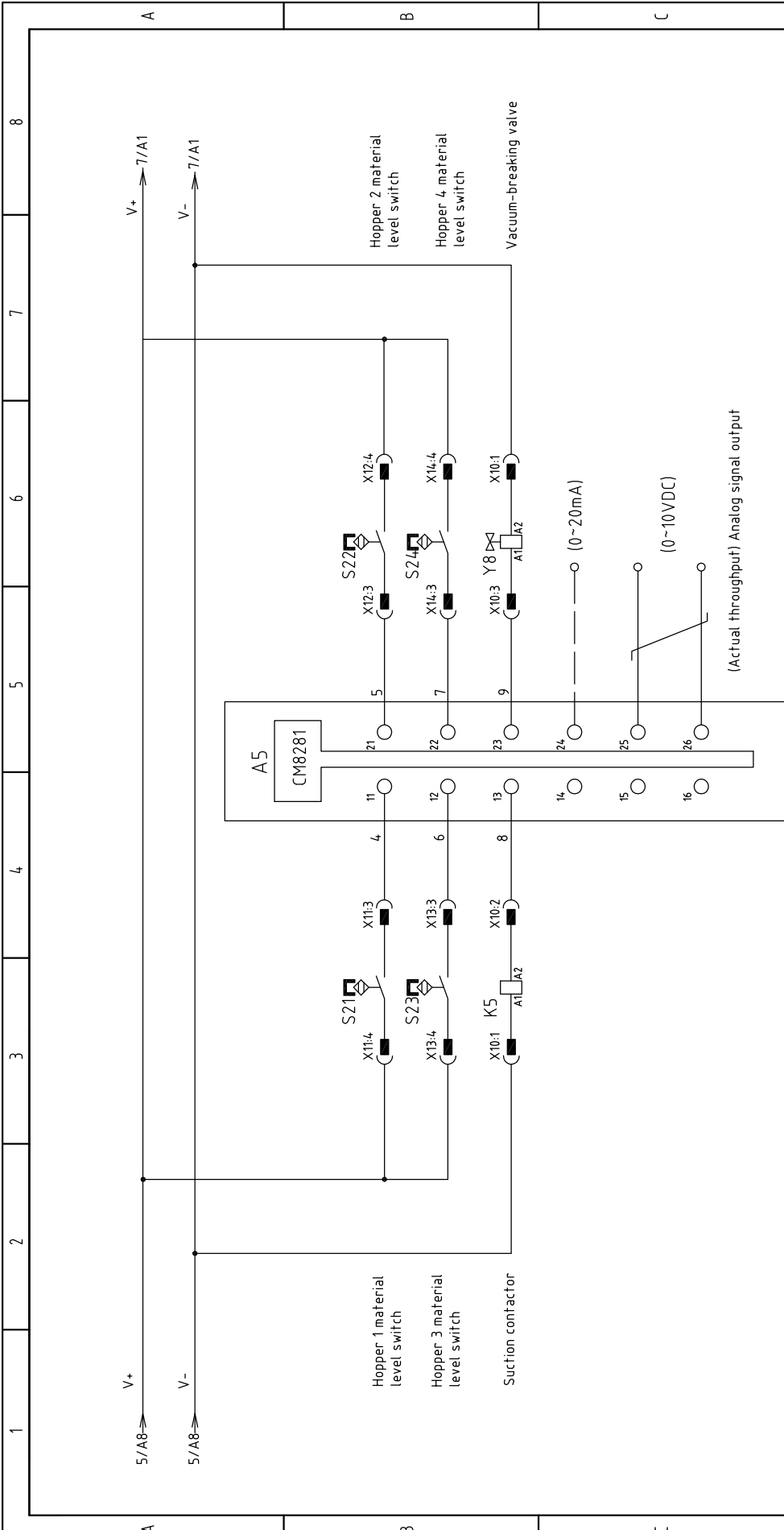
信易电热机械股份有限公司
Shini Plastics Technologies, Inc.

1 2 3 4 5 6 7 8



机型版本 Ver.C

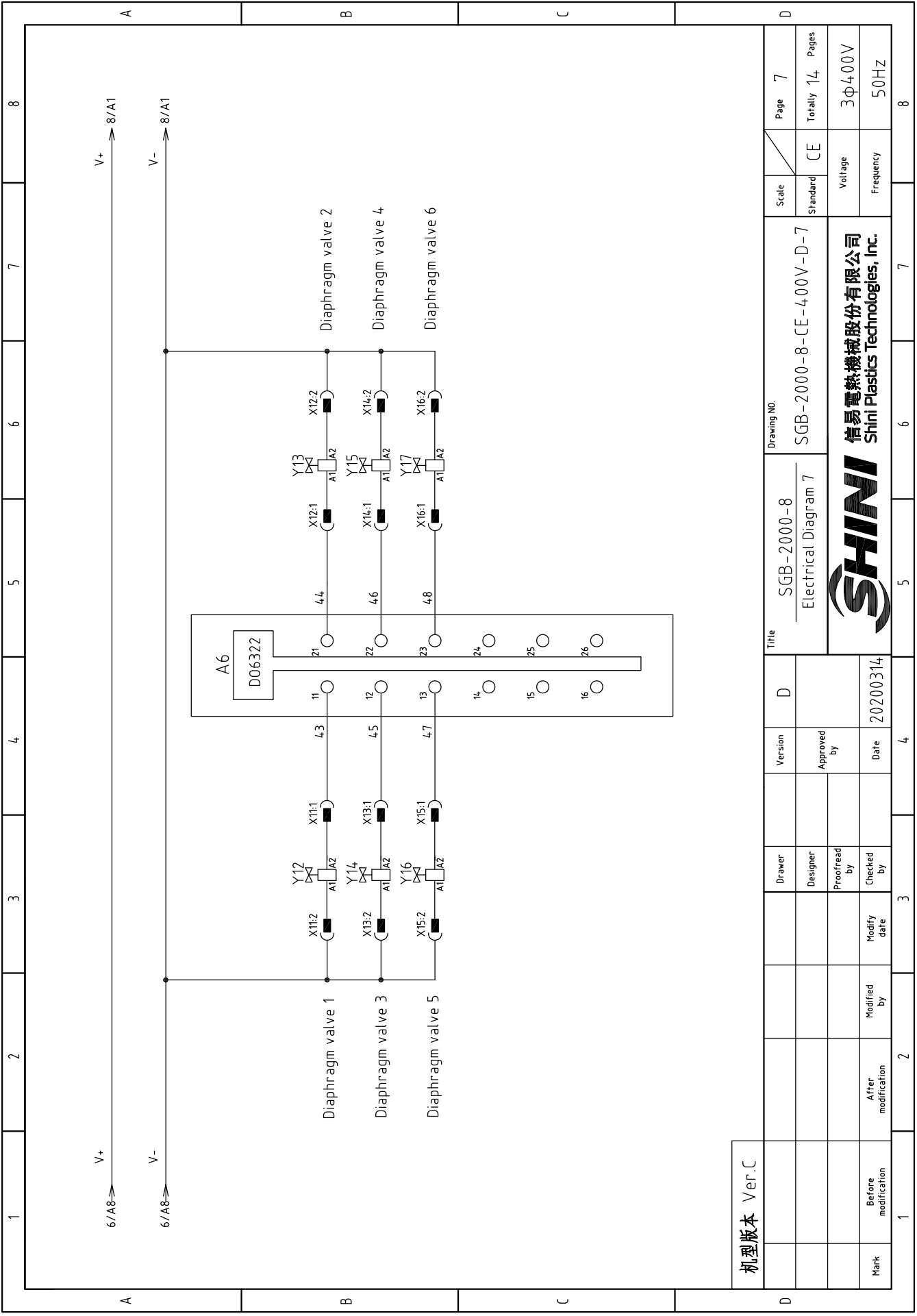
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SGB-2000-8		D		SGB-2000-8-CE-400V-D-5		Page 5	
Electrical Diagram 5		Approved by		Standard		Totally 14 Pages	
SHINI		Date		Voltage		Frequency	
信易电热机械股份有限公司 Shini Plastics Technologies, Inc.		20200314		3Φ400V		50HZ	
Mark	Before modification	Modified by	After modification	1	2	3	4



机型版本 Ver.C	
Mark	Before modification
	After modification
	Modified by
	Modify date
	Checked by
	Date
	Approved by
Version	D
Title	
SGB-2000-8	
Electrical Diagram 6	
Drawing NO.	
SGB-2000-8-CE-400V-D-6	

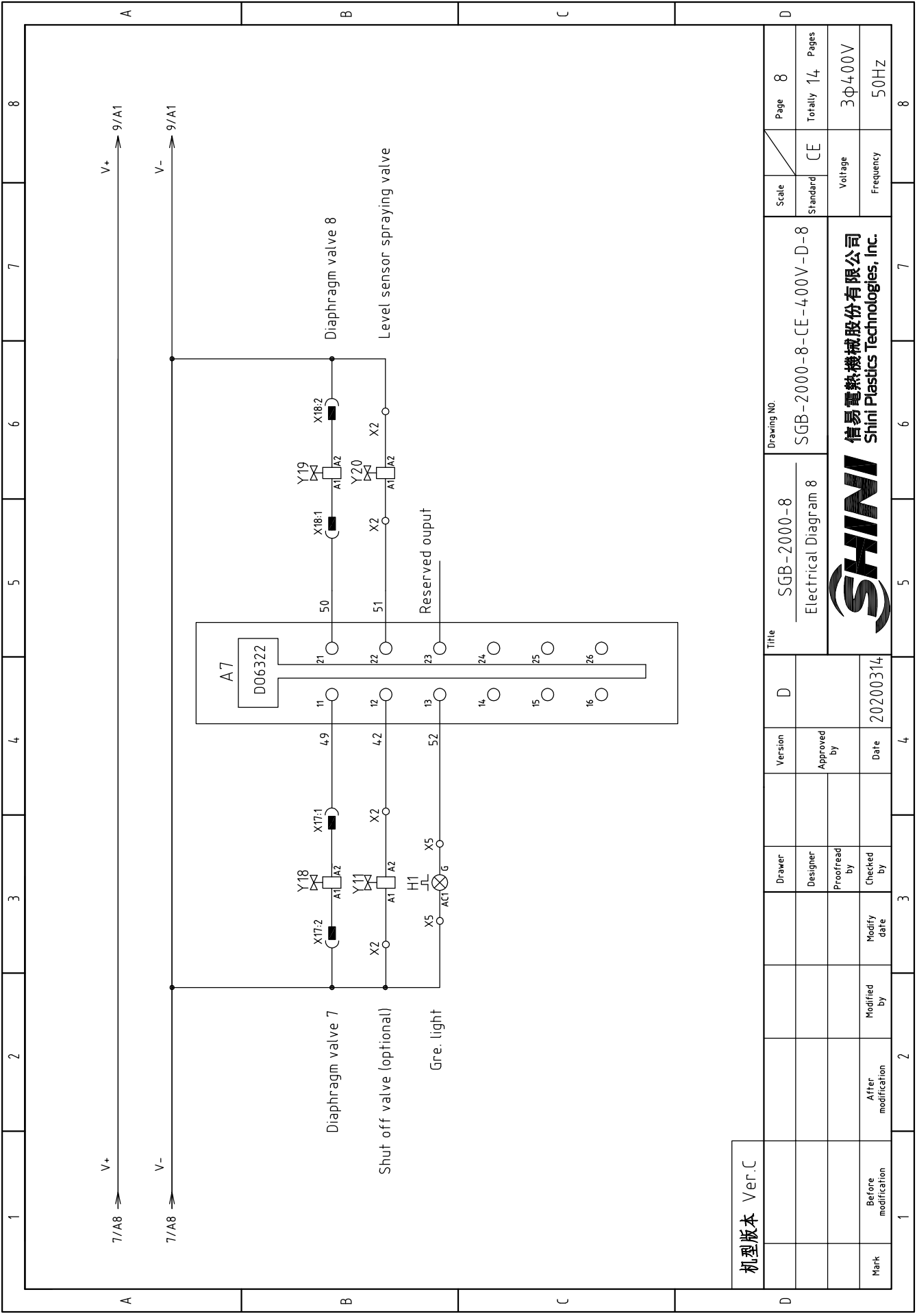
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Frequency		50HZ		
Totally		14		
Pages		8		





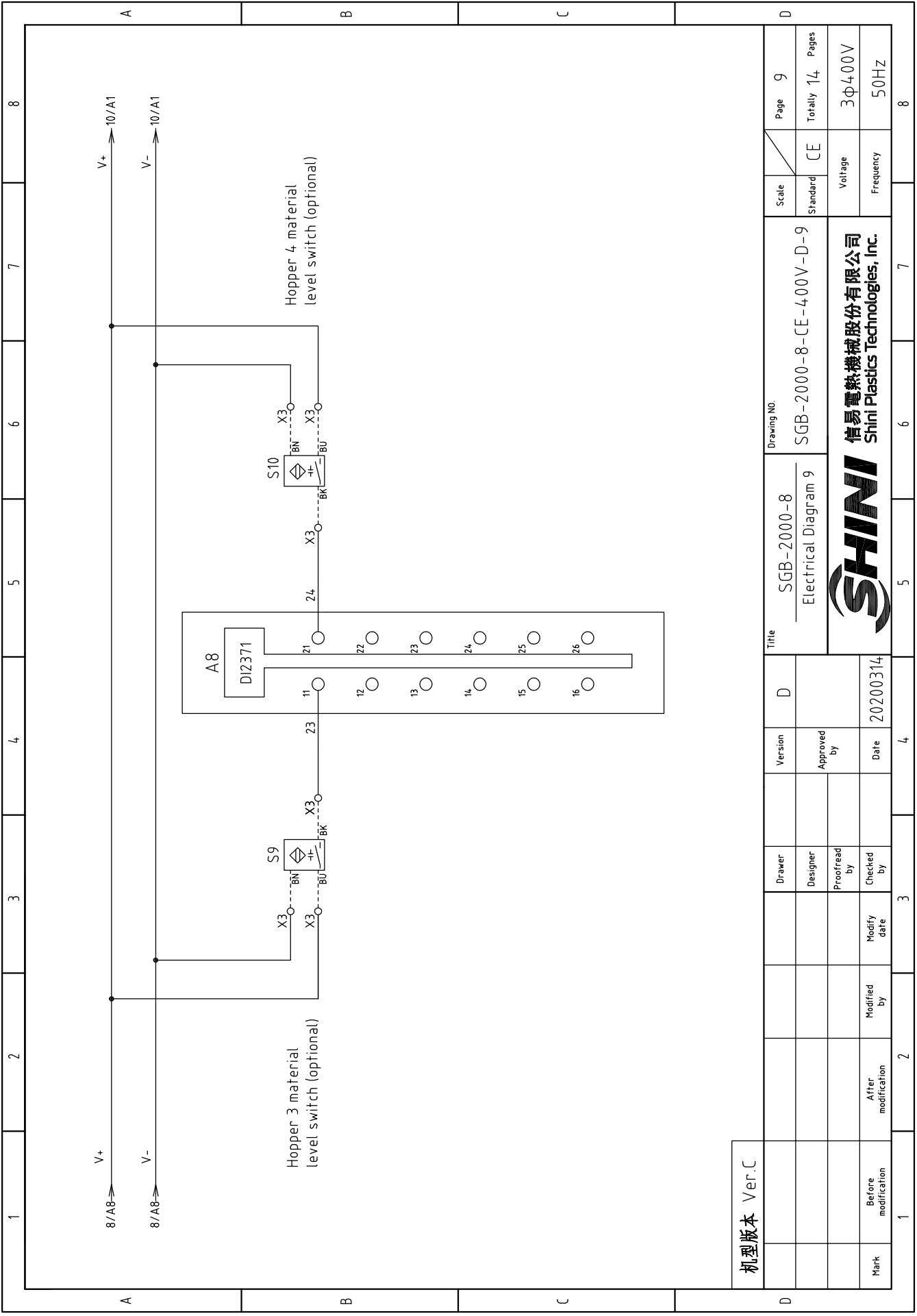
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Mark	Before modification
	Modified by
	Modify date
	Checked by
	Proofread by
	Designer
	Drawer
	Version
	D
	Approved by
	Date
	20200314

Title		SGB-2000-8		Drawing NO.		SGB-2000-8-CE-400V-D-7	
Electrical Diagram 7		Scale		Standard		CE	
SHINI		Voltage		Frequency		3Φ400V	
信易电热机械股份有限公司 Shini Plastics Technologies, Inc.		Page		Totally		7	
		Pages		Voltage		50HZ	
		Frequency		Page		7	
		Totally		Pages		14	
		Voltage		Frequency		3Φ400V	
		Frequency		Page		7	
		Totally		Pages		14	



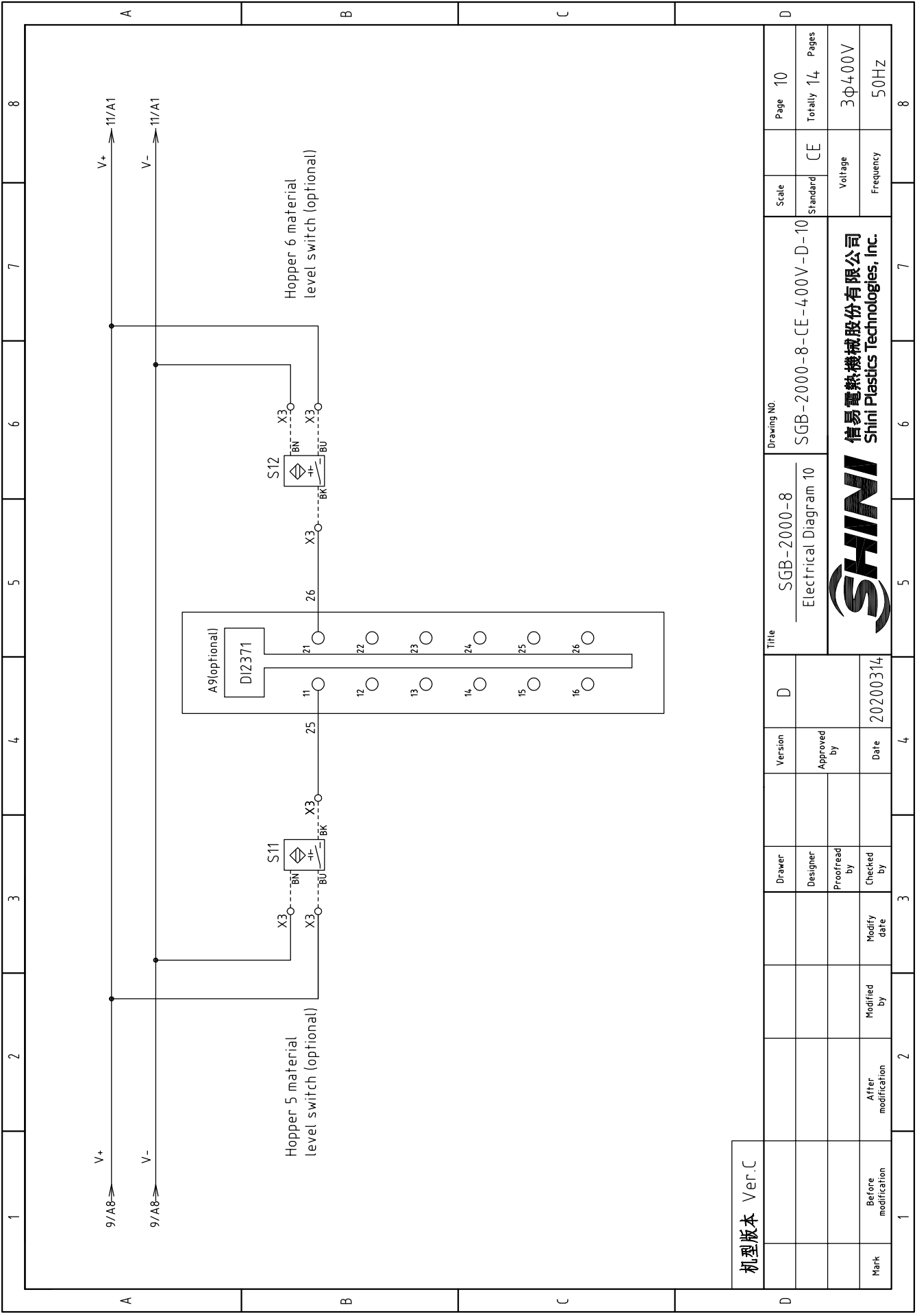
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	Modify date
	Checked by
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	Designer
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	Approved by
	Date
	20200314

Scale	Standard	CE	Page	8
			Totally	14
			Voltage	3 Φ 400V
			Frequency	50HZ
Drawing NO.		SGB-2000-8-CE-400V-D-8		
Title		SGB-2000-8 Electrical Diagram 8		
Version		D		
SHINI		信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		



机型版本	Ver.C
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	Drawer
Version	D
Approved by	
Date	20200314

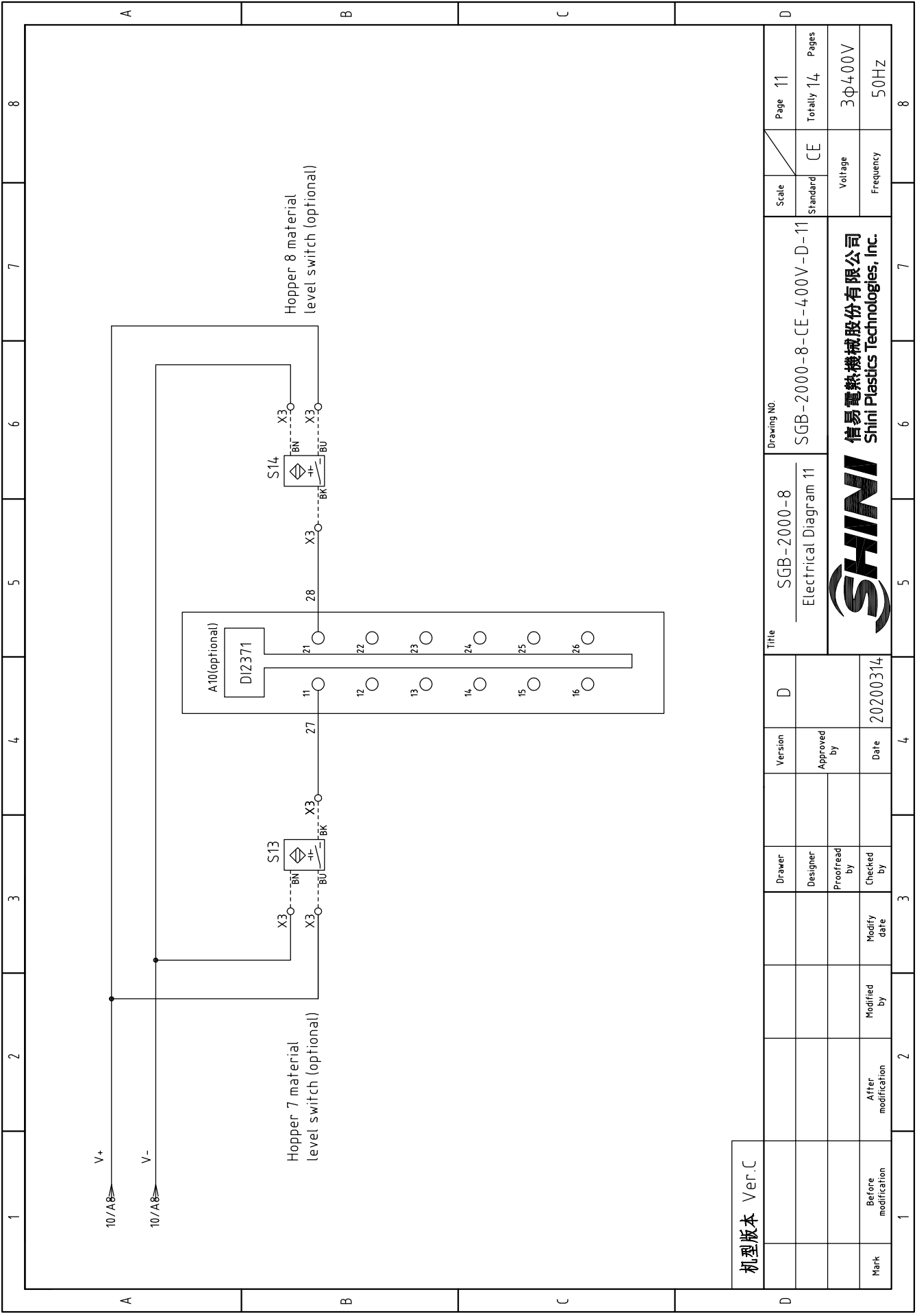
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Electrical Diagram 9		Standard		Scale		Page 9	
SHINI		Voltage		Standard		Totally 14 Pages	
信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Frequency		CE		3Φ400V	
		50HZ				8	



机型版本 Ver.C

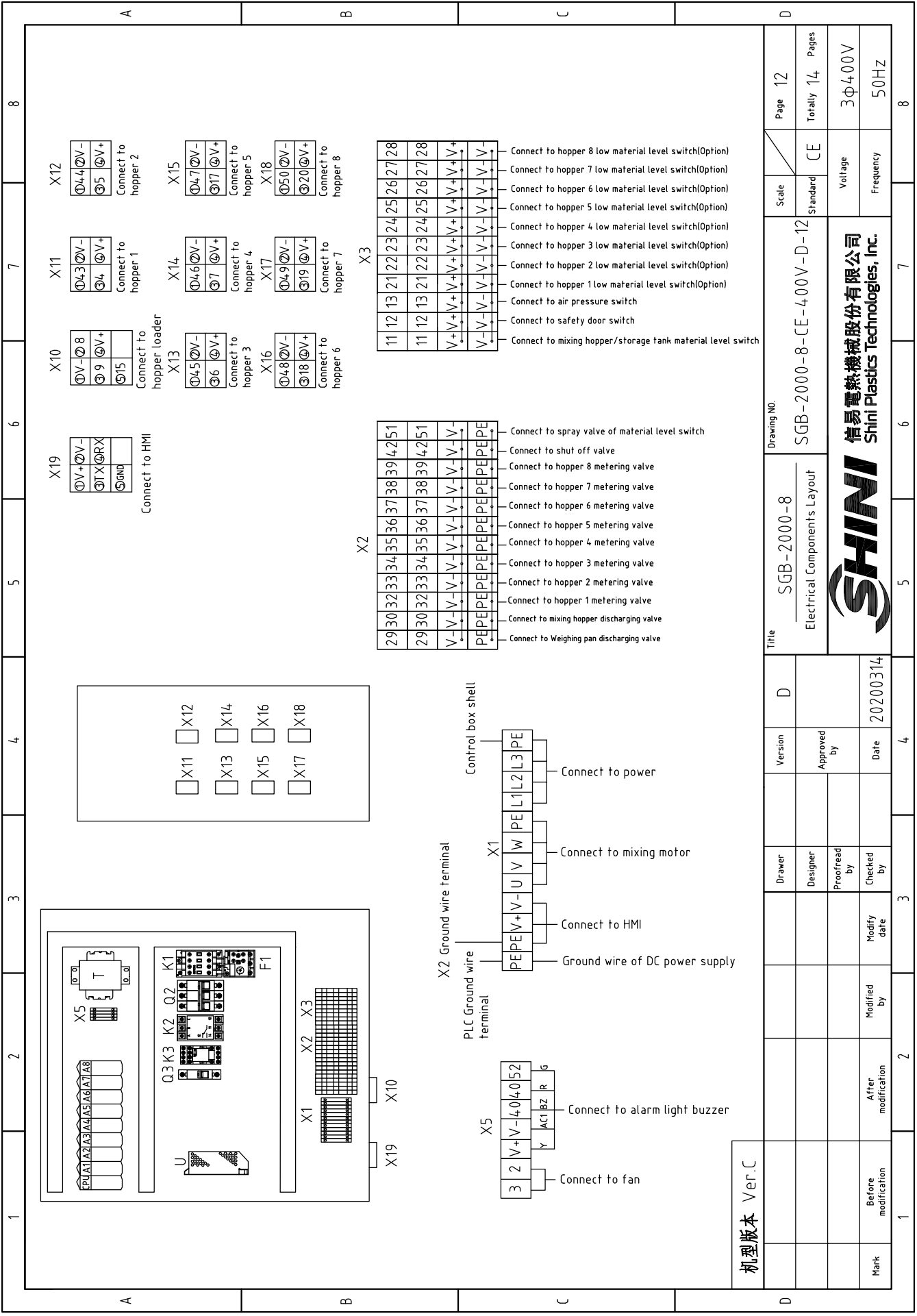
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Frequency		50HZ		
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Title		SGB-2000-8 Electrical Diagram 10		
Version	D	Approved by		
Drawer		Proofread by		
Designer		Checked by		
Modified by		Modify date		
Mark	Before modification	After modification		
	20200314	Date	20200314	
1	2	3	4	5
6	7	8		





机型版本	Ver.C
Mark	Before modification
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	Drawer
Version	D
Approved by	
Date	20200314

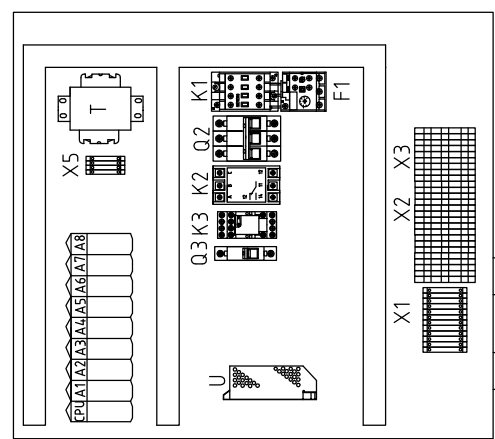
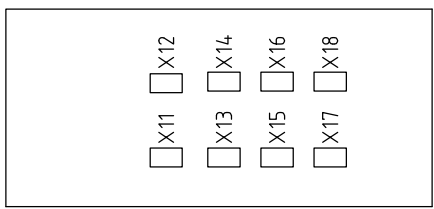
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Voltage		3Φ400V		Totally	
Frequency		50HZ		Pages	
SHINI		信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		8	
1		2		3	
4		5		6	
7		8		9	



机 型 版 本	Ver.C
Mark	Before modification
Mark	After modification
Modified by	
Modify date	
Checked by	
Date	20200314
Proofread by	
Designer	
Approved by	
Version	D
Drawer	
Title	
SGB-2000-8	
Electrical Components Layout	
Drawing NO.	
SGB-2000-8-CE-400V-D-12	
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Standard	
Page	12
Totally	14
Pages	
Voltage	3Φ400V
Frequency	50Hz



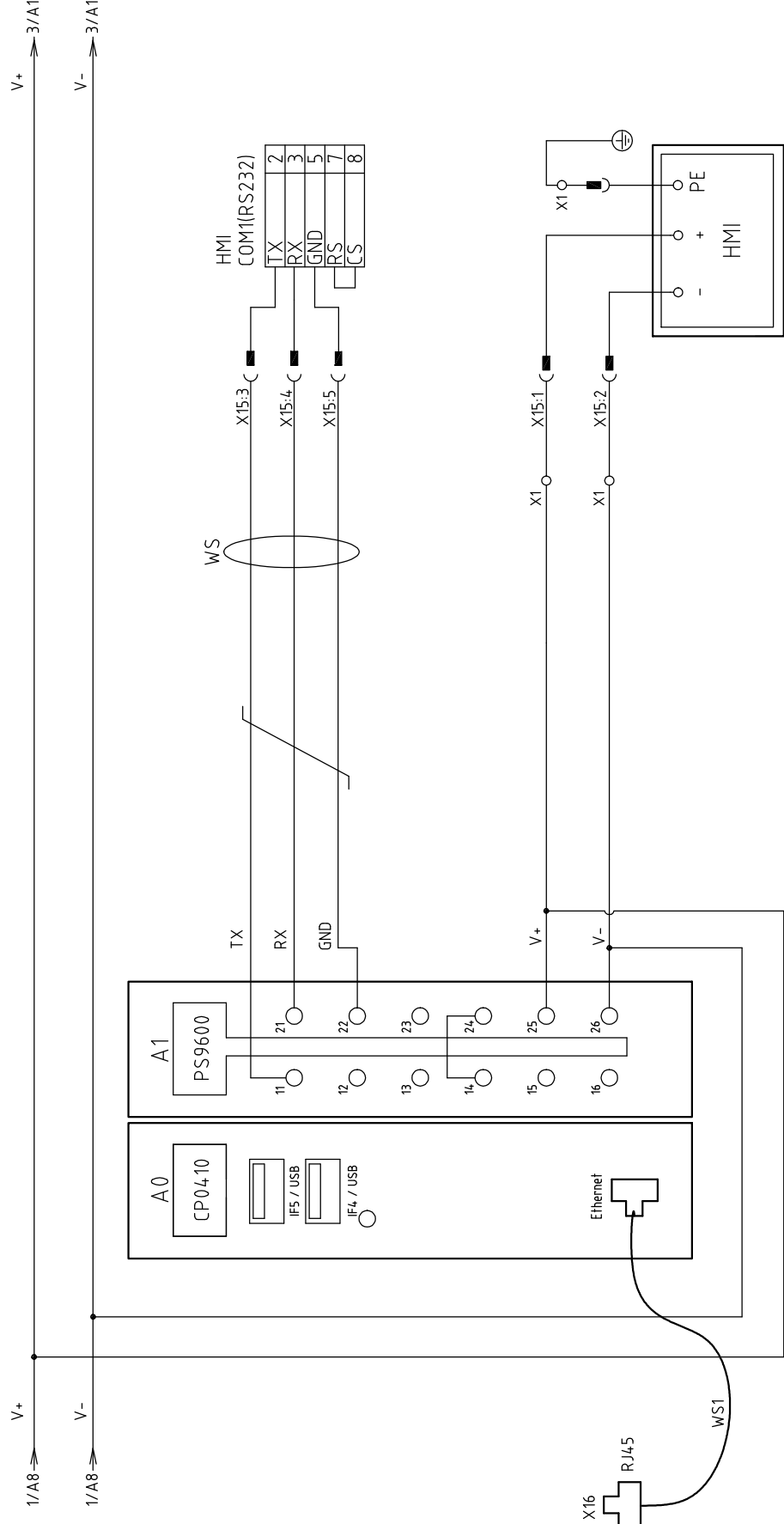
- X19: ①V+ ②V- ③TX ④RX ⑤GND. Connect to HMI
- X10: ①V- ② ③ ④ ⑤. Connect to hopper loader
- X11: ① ② ③ ④. Connect to hopper 1
- X12: ① ② ③ ④. Connect to hopper 2
- X13: ① ② ③ ④ ⑤ ⑥ ⑦. Connect to hopper 3
- X14: ① ② ③ ④ ⑤ ⑥ ⑦. Connect to hopper 4
- X15: ① ② ③ ④ ⑤ ⑥ ⑦. Connect to hopper 5
- X16: ① ② ③ ④ ⑤ ⑥ ⑦. Connect to hopper 6
- X17: ① ② ③ ④ ⑤ ⑥ ⑦. Connect to hopper 7
- X18: ① ② ③ ④ ⑤ ⑥ ⑦. Connect to hopper 8
- X2: 29 30 32 33 34 35 36 37 38 39 42 51. Connect to spray valve of material level switch, shut off valve, metering valves for hoppers 1-8, mixing hopper discharging valve, weighing pan discharging valve.
- X3: 11 12 13 21 22 23 24 25 26 27 28. Connect to low material level switches for hoppers 1-8, air pressure switch, safety door switch, mixing hopper/storage tank material level switch.
- X4: ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮ ⑯ ⑰ ⑱ ⑲ ⑳ ㉑ ㉒ ㉓ ㉔ ㉕ ㉖ ㉗ ㉘ ㉙ ㉚ ㉛ ㉜ ㉝ ㉞ ㉟ ㊱ ㊲ ㊳ ㊴ ㊵ ㊶ ㊷ ㊸ ㊹ ㊺. Connect to power, mixing motor, HMI, DC power supply ground wire, fan, alarm light buzzer.



1	2		3	4	5	6	7	8
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark
1	Q1	Main power switch	EATON	TO-2-1/EA/SVB	20A	1	YE10021160000	
2	Q2	Circuit-Breakers	TECO	BM-63C/ 3006S	6A	1	YE40603000000	
3	Q3	Circuit breaker	TECO	BM-63C	3A	1	YE40100203000	A
4	S3	Capacitive proximity switch	IFM	KI 5082	10~36VDC	1	----	(1)
5	S7~S14	Capacitive proximity switch	IFM	KI 5082	10~36VDC	8	----	(1) (2)
6	S5	Safety switch	SCHMERSRC	AZ152VK-1476	AC-15	1	----	(1)
7	S6	Pressure switch	FOX	K4SA02	1~12KG	1	----	(1)
8	K1	Contactors	SIEMENS	3RT6015-1AN21	230V 50/60HZ	1	YE00601521000	
9	K2	Phase sequence protector	CHAOSHI	ABJ-10W	400V	1	YE03103800000	
10	K3	Middle relay	WEIDMULLER	DRM270024LT	24VDC 12A	1	YE03272400000	
11	F1	Thermo-overload relay	SIEMENS	3RU6116-1BB0	1.4-2A	1	YE01160140000	Cancel
12	F1	Thermo overload relay	SIEMENS	3RU6116-1CB0	1.8-2.5A	1	YE01160180000	New
13	T	Transformer	JIUXIN	IN=400/415V OUT=230V	500mA	1	YE70040005200	
14	U	DC power	MEAN WELL	S-100-24	+24V 4.5A	1	YE71102400000	
15	CP0,A1,A2,A3 A4,A5,A6,A8	4-component gravimetric Controller	B&R	----	----	1	YE80024000100	
16	A10,A9	Digital input mouldle	B&R	X20 DI2371	----	2	YE80237100000	(2)
17		Terminal block	B&R	X20 TB12	----	2	YE80201100000	(2)
18		Bus mouldle	B&R	X20 BM11	----	2	YE80200100000	(2)
19	A7	Digital output mouldle	B&R	X20 DO6322	----	1	YE80632200000	
20		Terminal block	B&R	X20 TB12	----	1	YE80201100000	
21		Bus mouldle	B&R	X20 BM11	----	1	YE80200100000	
22	H1	3-color alarm lamp with buzzer	----	PK-27A	24VDC	1	BL90002401520	
23	HMI	Human-machine interface	SCHNEIDER	GXU3512	24VDC	1	YE80351200100	
24	BW1 BW2	Weighing sensor	ZHONGHANG	L6D-C3-50kg-2.4B	10VDC 2mV/V	2	----	(1)
25	X1	Terminal	Honeywell	SKZ.5	2.5mm ²	8	YE60002503200	
机型版本 Ver.C Note: (1) means not part of control box. (2) Optional low material level switch. (3)Optional shut off valve.								
Drawing NO.				Title		Scale		Page
SGB-2000-8				SGB-2000-8		SGB-2000-8-CE-400V-D-13		Page 13
Electrical Components List 1				D		Standard		Totally 14 Pages
				Version		CE		Voltage
				Approved by				Frequency
				Date		20200314		3Φ400V
Mark				Before modification		Modified by		50HZ
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5				6		7		8



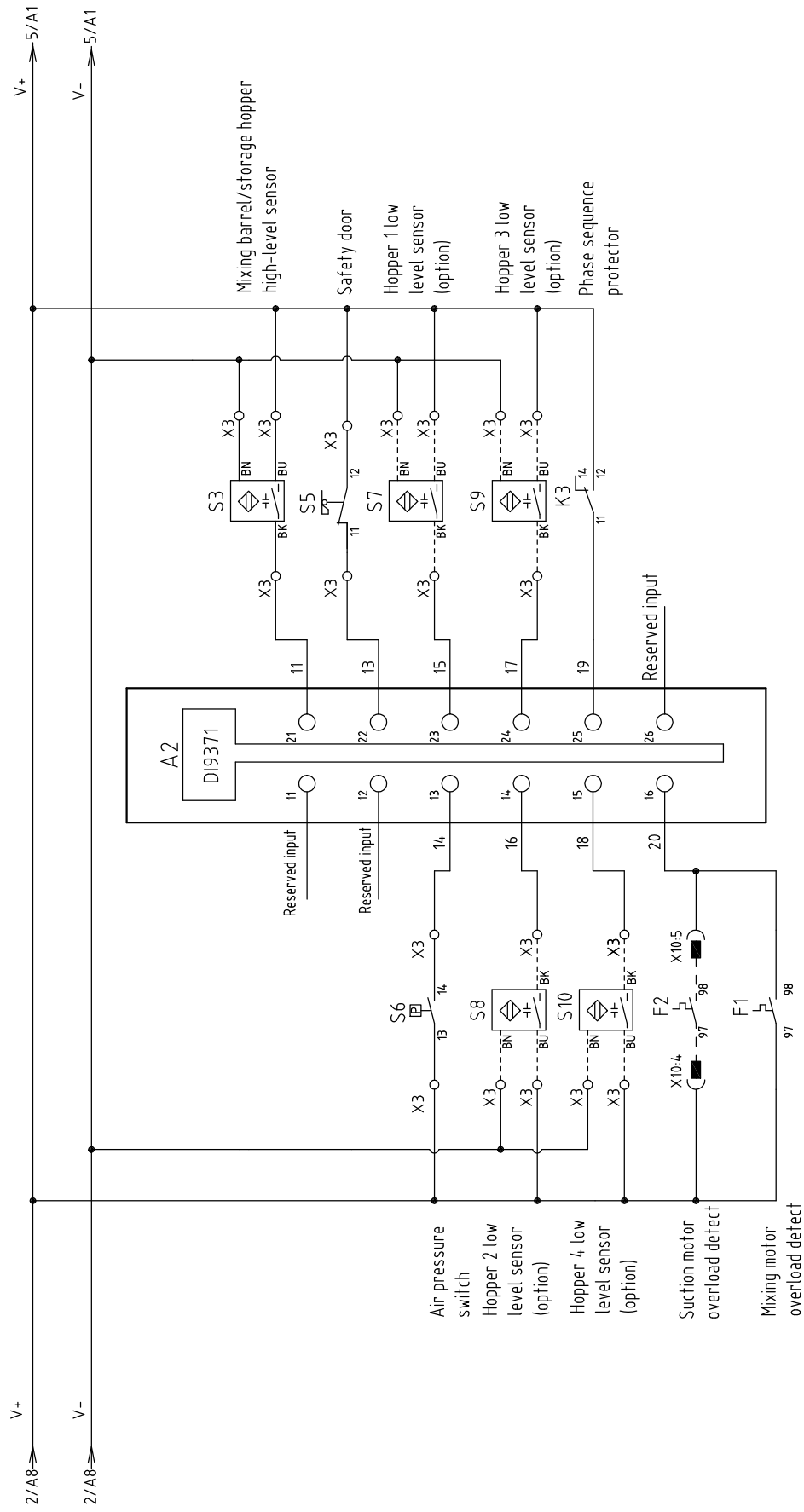
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机型版本 Ver.C

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	After modification										Modified by	Modify date		
Mark	Before modification	Modified by	Modify date	Checked by	Proofread by	Designer	Drawer	Version	F	Title	Standard		Voltage	Page 2
	After modification										Modified by	Modify date		
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											Totally		10	
											Pages		8	

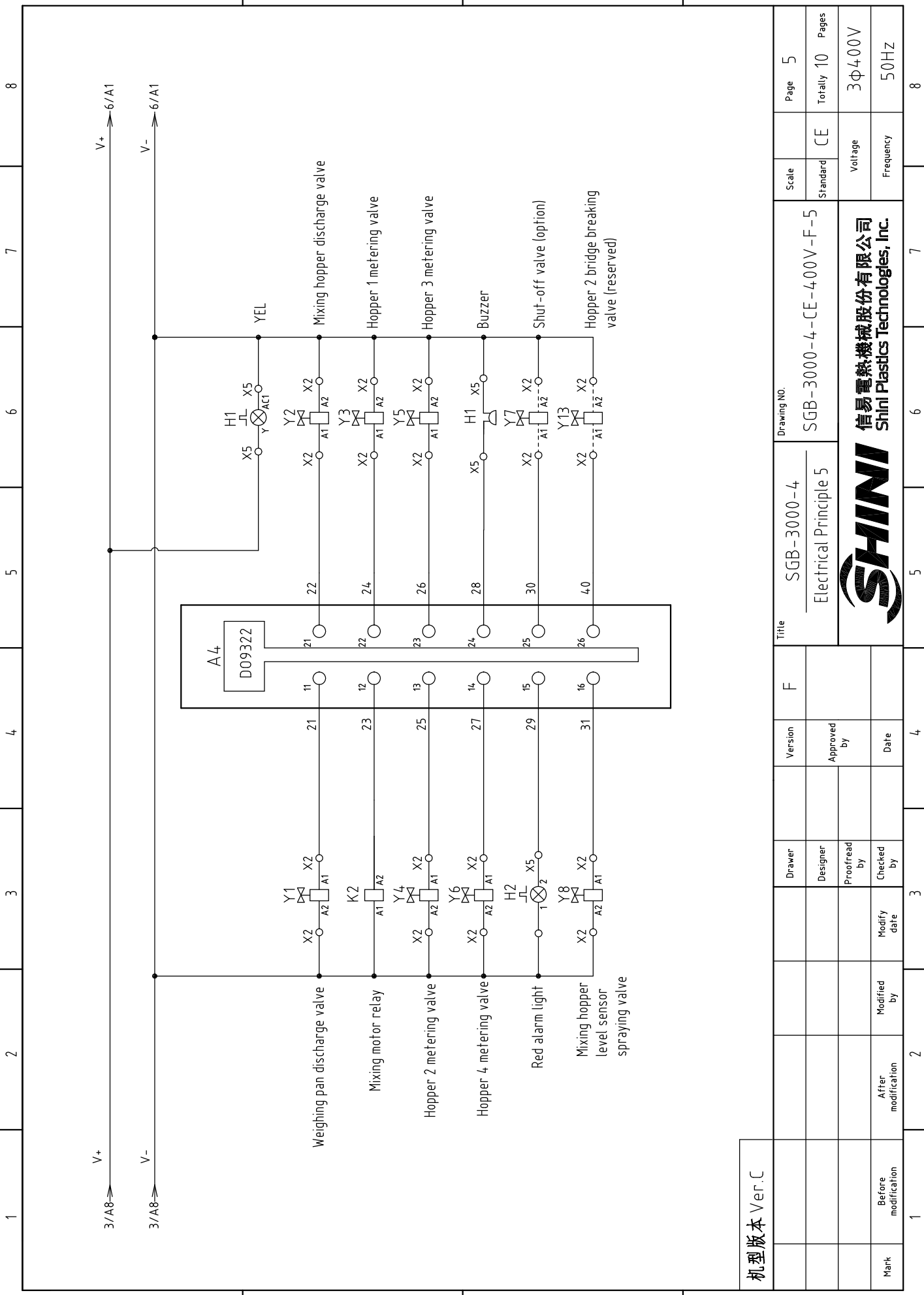




机型版本 Ver.C

Mark	Before modification	Modified by	Modify date	Checked by	Date	20201027	Approved by	Version	F	Title	SGB-3000-4 Electrical Principle 3	Drawing NO.	SGB-3000-4-CE-400V-F-3	Scale	CE	Page	3
After modification														Standard	Voltage	Totally	Pages
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																50HZ	8

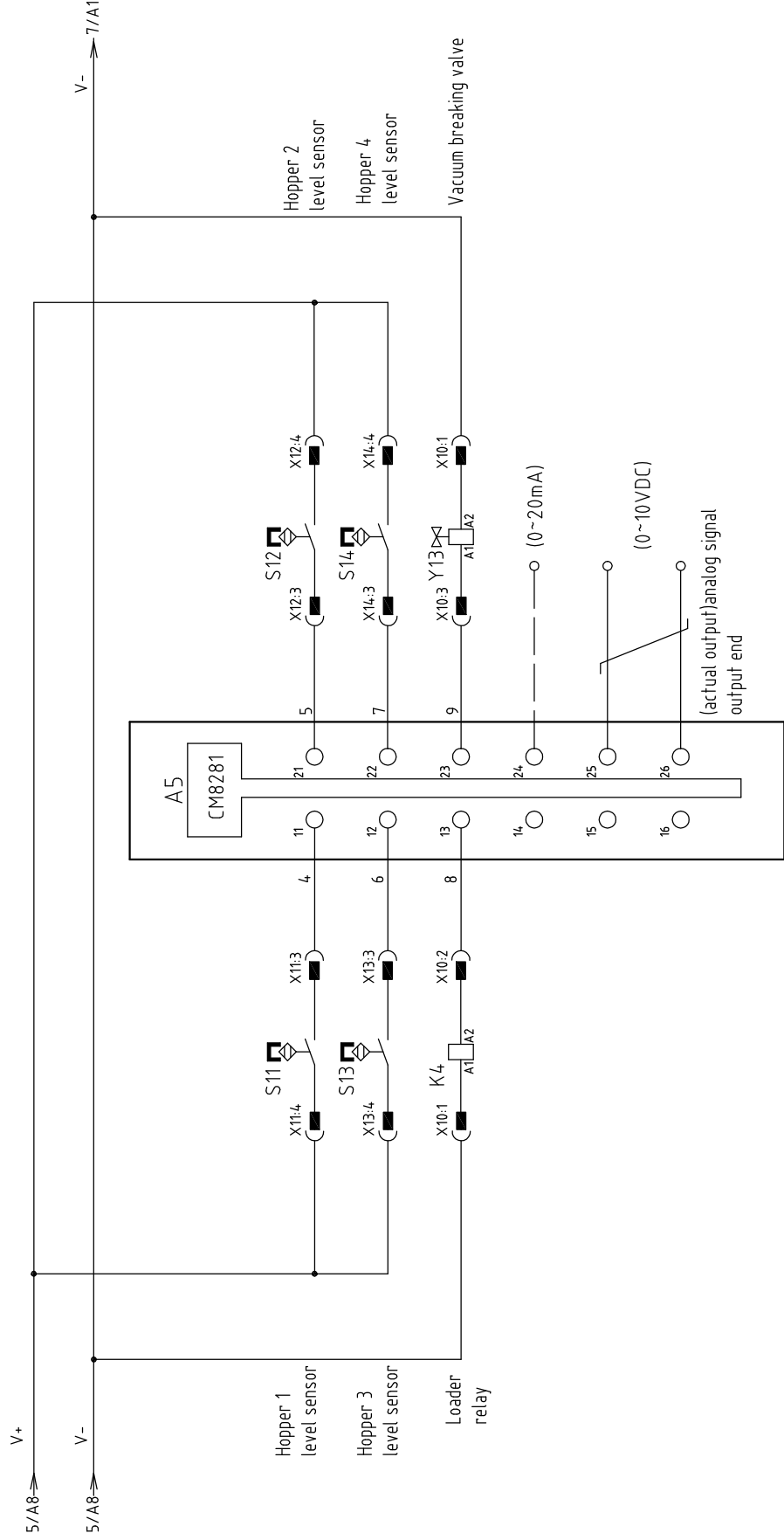




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	After modification
	Modified by
	Modify date
	Checked by
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	Designer
	Drawer
	Version
	F
	Approved by
	Date

Title		SGB-3000-4		Drawing NO.		Page 5	
Electrical Principle 5		SGB-3000-4-CE-400V-F-5		Standard		CE	
				Voltage		3φ400V	
				Frequency		50HZ	
				Totally		10 Pages	
				Page		5	

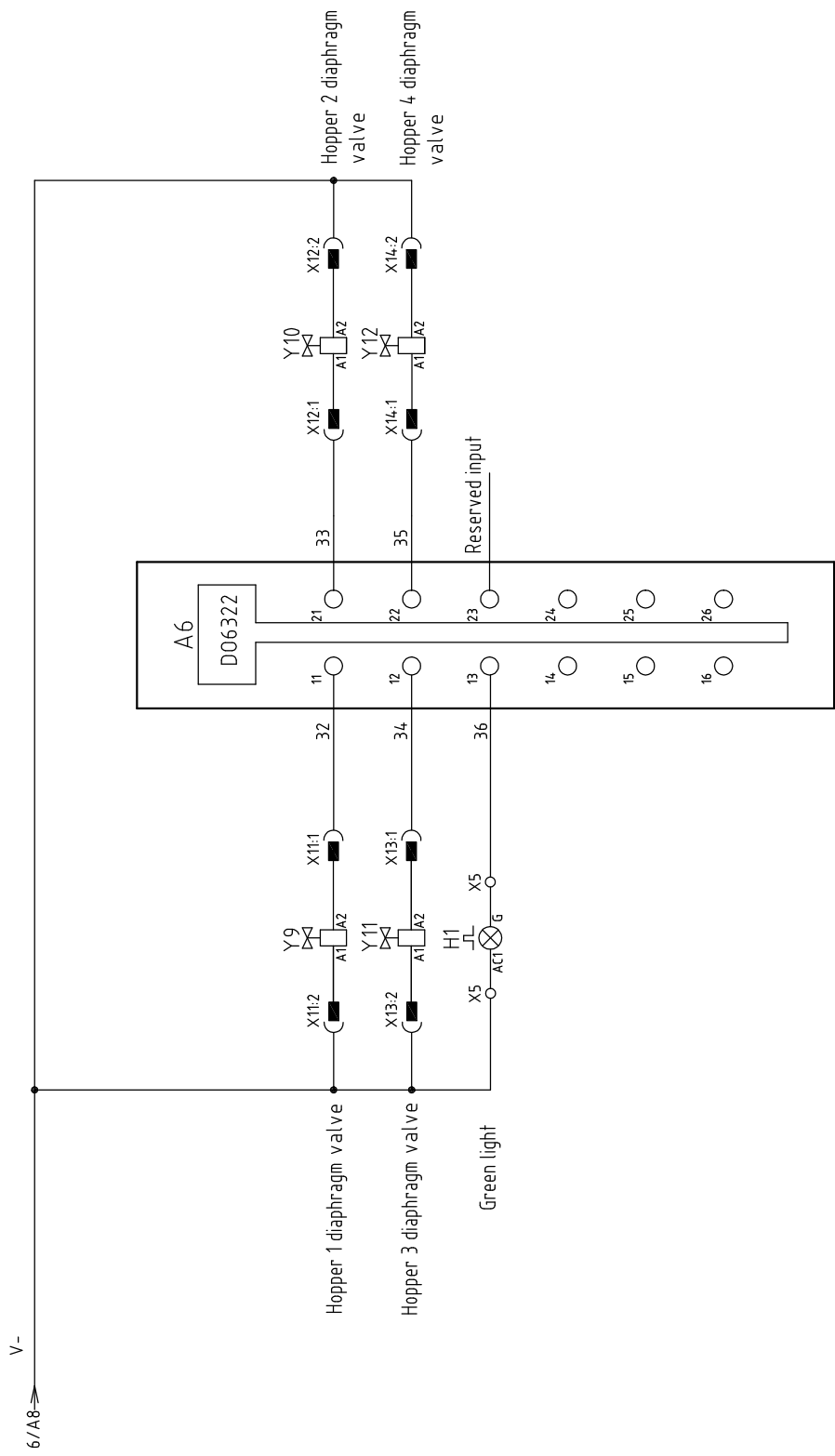




机型版本 Ver.C

Mark	Before modification	After modification	Modified by	Modify date	Checked by	Proofread by	Designer	Drawer	Version	F	Title	Drawing NO.		Scale	Page
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												Voltage		3φ400V	
												Frequency		50Hz	

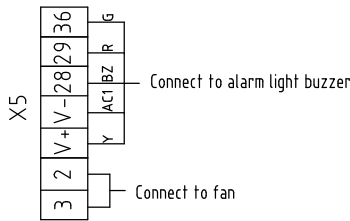
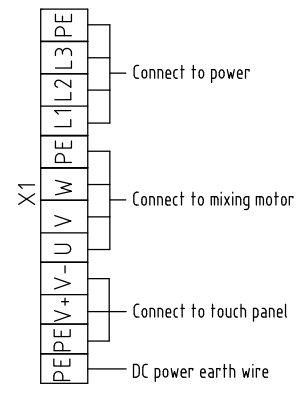
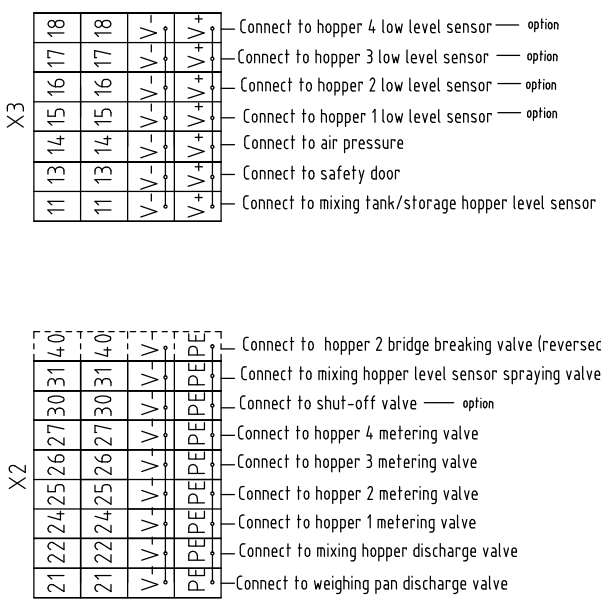
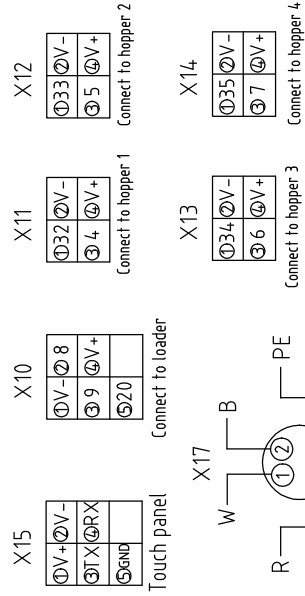
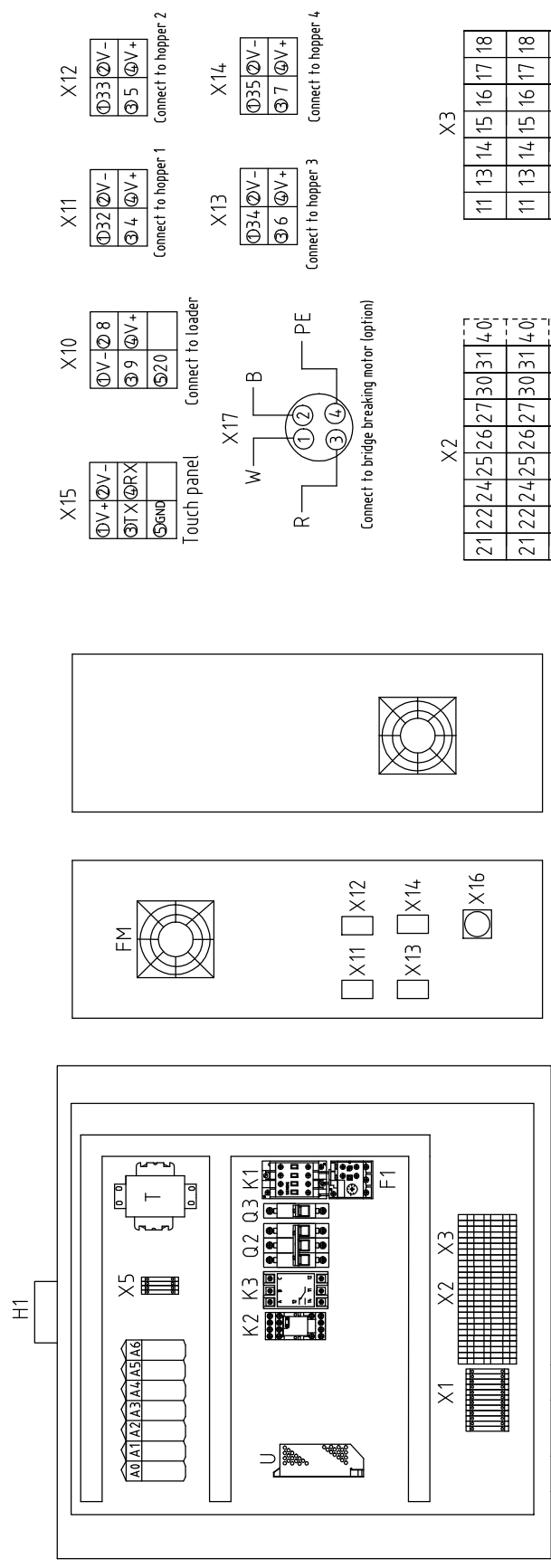




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Mark	Before modification	Modified by	Modify date	Proofread by	Checked by	Designer	Drawer	Version	F	Title	Drawing NO.		Scale	Page	
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														Pages	7
														Voltage	3Φ400V
														Frequency	50HZ

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机型版本 Ver.C		Title		Drawing NO.		Page	
		SGB-3000-4		SGB-3000-4-CE-400V-F-8		8	
Elec. layout & Wiring Diagram		Scale		Standard		Totally	
		CE		CE		10	
		Voltage		Frequency		Pages	
		3Φ400V		50HZ		8	
信易熱機械股份有限公司 Shini Plastics Technologies, Inc.		SHINI					
Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date	Approved by

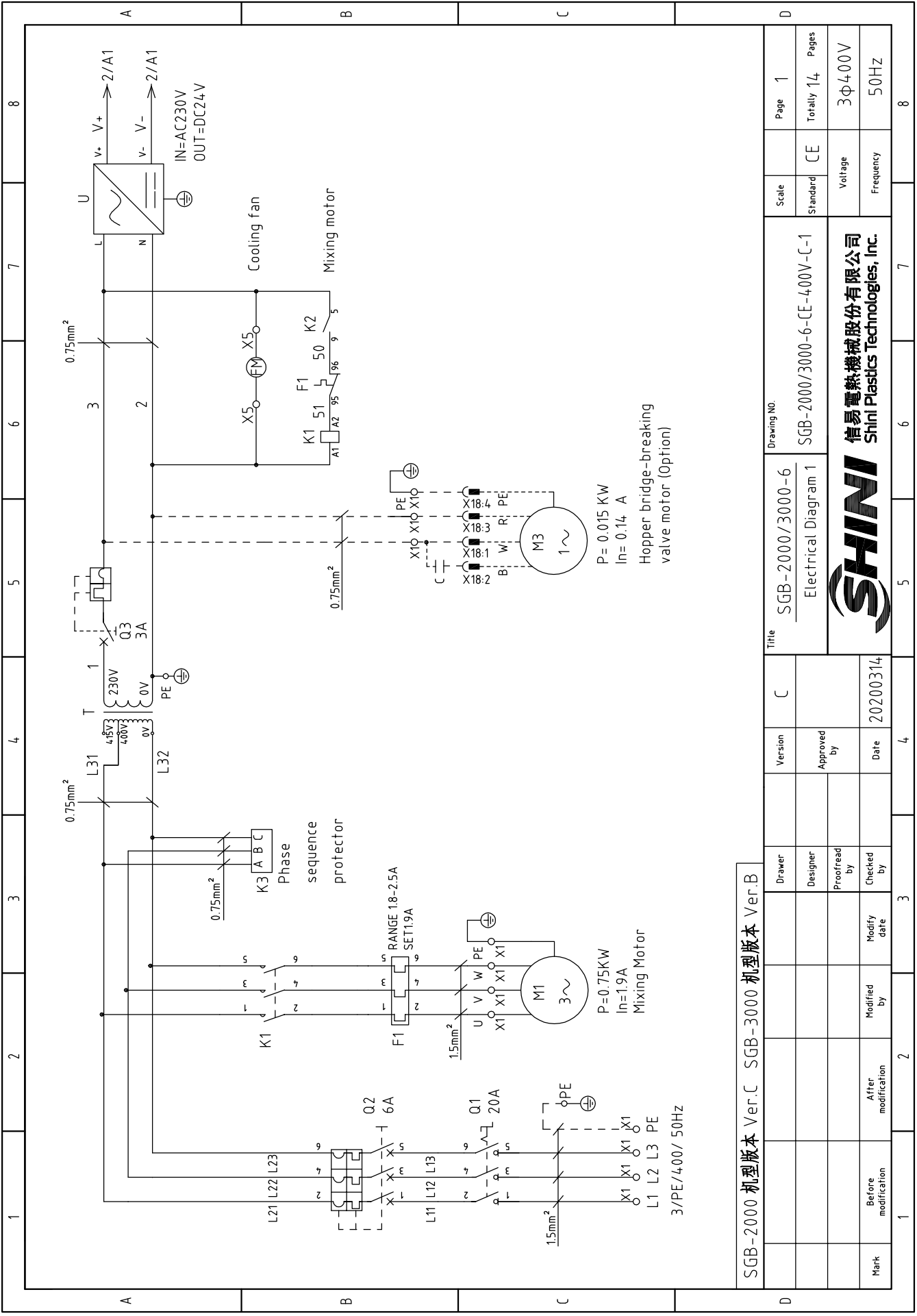
1	2		3	4	5	6	7	8
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark
1	Q1	Main power switch	EATON	TO-2-1/EA/SVB	20A	1	YE10021160000	
2	Q2	Circuit breakers	TECO	BM-63C 3P	6A	1	YE40300603000	
3	Q3	Circuit breaker	TECO	BM-63C	3A	1	YE40100203000	
4	S3	Capacitive proximity switch	IFM	KI 5082	10~36VDC	1	----	(1)
5	S7~S10	Capacitive proximity switch	IFM	KI 5082	10~36VDC	4	----	(1) (2)
6	S5	Safety switch	SCHMERSRC	AZ152VK-1476	AC-15	1	----	(1)
7	S6	Pressure switch	FOX	K4SA02	1~12KG	1	----	(1)
8	K1	Contactors	SIEMENS	3RT6015-1AN21	230V 50/60Hz	1	YE00601521000	
9	K2	Middle relay	WEIDMULLER	DRM270024LT	24VDC 12A	1	YE03272400000	
10	K3	Phase sequence relay	CHAOSHI	ABJ2-12W	400V	1	YE03103800000	
11	F1	Thermal overload relays	SIEMENS	3RU6116-1CB0	1.8-2.5A	1	YE01160180000	
12	T	Transformer	JIUXIN	IN=400V/415V OUT=230V	500mA	1	YE70040005200	
13	U	DC power	MEAN WELL	S-100-24	+24V 4.5A	1	YE71102400000	
14	A0~A7	4组行程重样料机控制器/Controller	B&R	-----	-----	1	YE80024000100	Cancel
15	A0	CPU/controller	B&R	X20 CP04.10	-----	1	YE80041000200	New
16		CPU base	B&R	X20 BB52	-----	1	YE80041100300	New
17	A1	Power module	B&R	X20 PS9600	-----	1	YE80960000000	New
18	A2	Input module	B&R	X20 DI9371	-----	1	YE80937100000	New
19	A3	Weighing module	B&R	X20 AI1744	-----	1	YE80200000500	New
20	A4	Output module	B&R	X20 DO9322	-----	1	YE80209300000	New
21	A5	Common module	B&R	X20 CM8281	-----	1	YE80200000700	New
22	A6	Output module	B&R	X20 DO6322	-----	1	YE80632200000	New
23		12 core terminal block	B&R	X20 TB12	-----	6	YE80201100000	New
24		I/O base module	B&R	X20 BM11	-----	5	YE80200100000	New
25	HMI	Human-machine interface	SCHNEIDER	GXU3512	24VDC	1	YE80351200100	New

机型版本 Ver.C Notes: (1) Materials not in the control box; (2) Optional low level sensor; (3) Optional bridge breaking valve; (4) Optional shut-off valve;

Title		SGB-3000-4		SGB-3000-4-CE-400V-F-9		Scale		Page 9	
Elec. Parts List 1		F		Version		Standard		Totally 10 Pages	
Designer		Approved by		Checked by		Voltage		3φ400V	
Proofread by		Date		Modified by		Frequency		50Hz	
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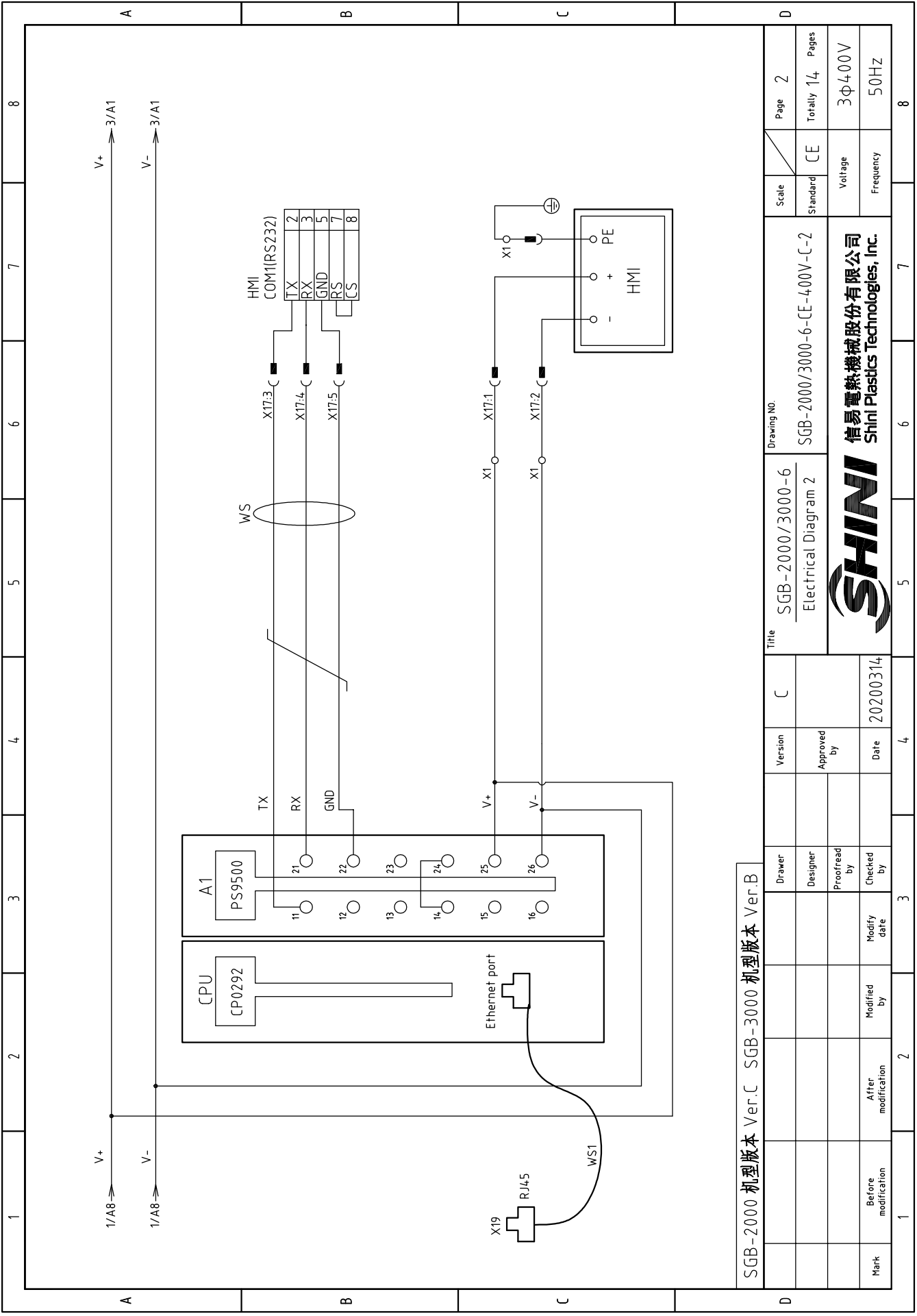


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Shini Plastics Technologies, Inc.



SGB-2000 机型版本 Ver.C SGB-3000 机型版本 Ver.B

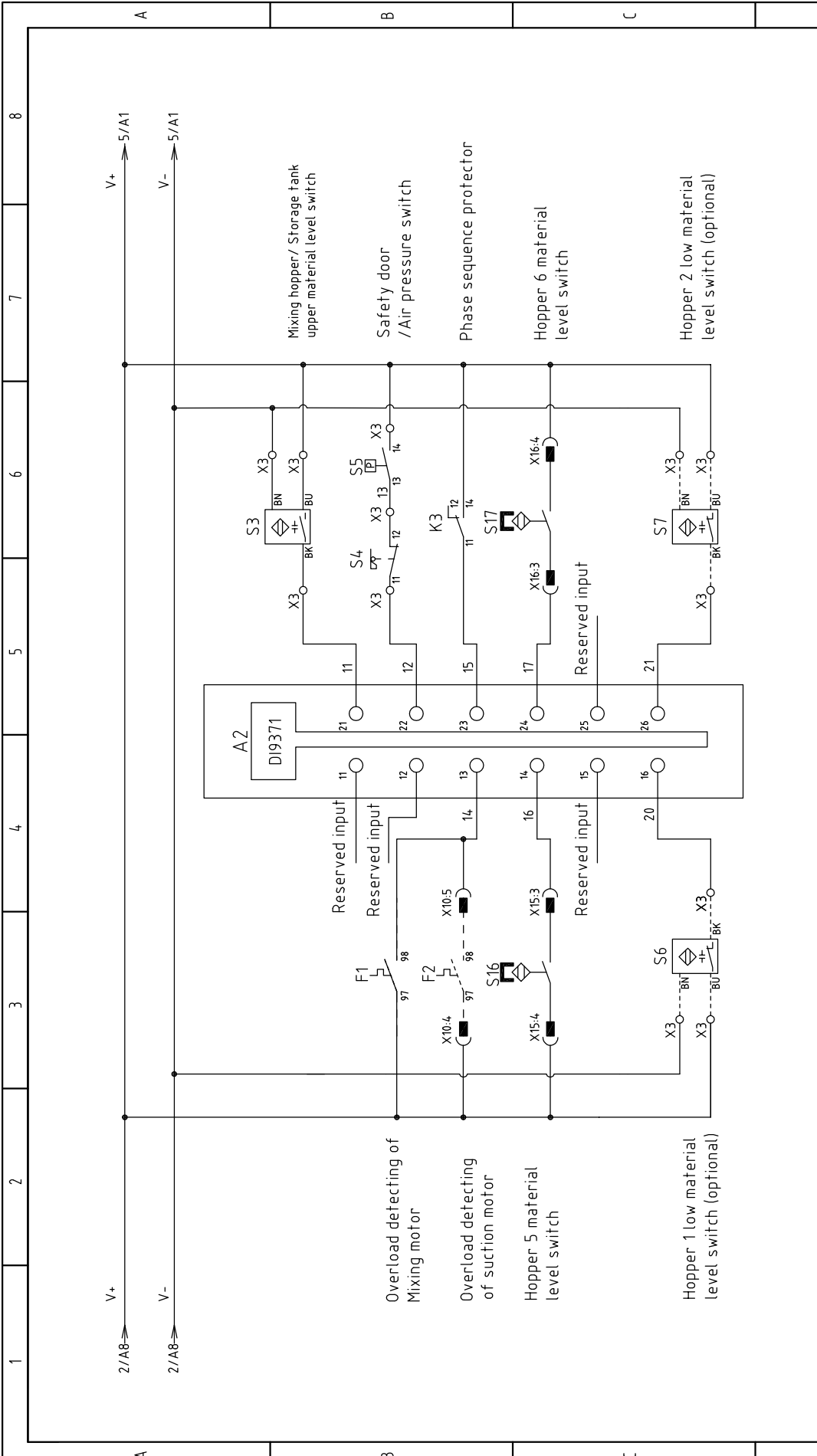
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	Designer	Proofread by	Approved by	Version	SGB-2000/3000-6-CE-400V-C-1		Scale	Standard			CE	Page 1							Totally 14
										Voltage		3Φ400V		Frequency		50Hz			
										SHINI		信易电热机械股份有限公司 Shini Plastics Technologies, Inc.		SGB-2000/3000-6-CE-400V-C-1		Voltage		3Φ400V	
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SGB-2000 机型版本 Ver.C SGB-3000 机型版本 Ver.B

1	2	3	4	5	6	7	8
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Designer							
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Version	C	Title		SGB-2000/3000-6			
Approved by		Electrical Diagram 2		Drawing NO. SGB-2000/3000-6-CE-400V-C-2			
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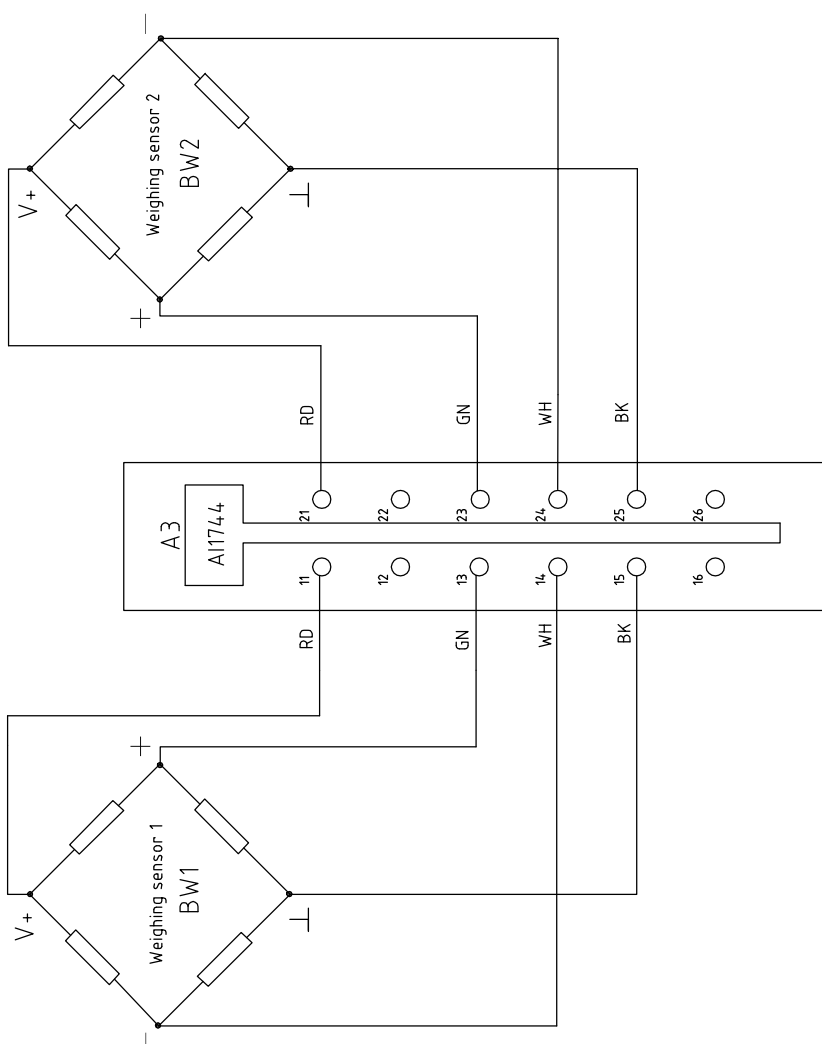




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Mark		Before modification		Modified by		After modification		Totally	
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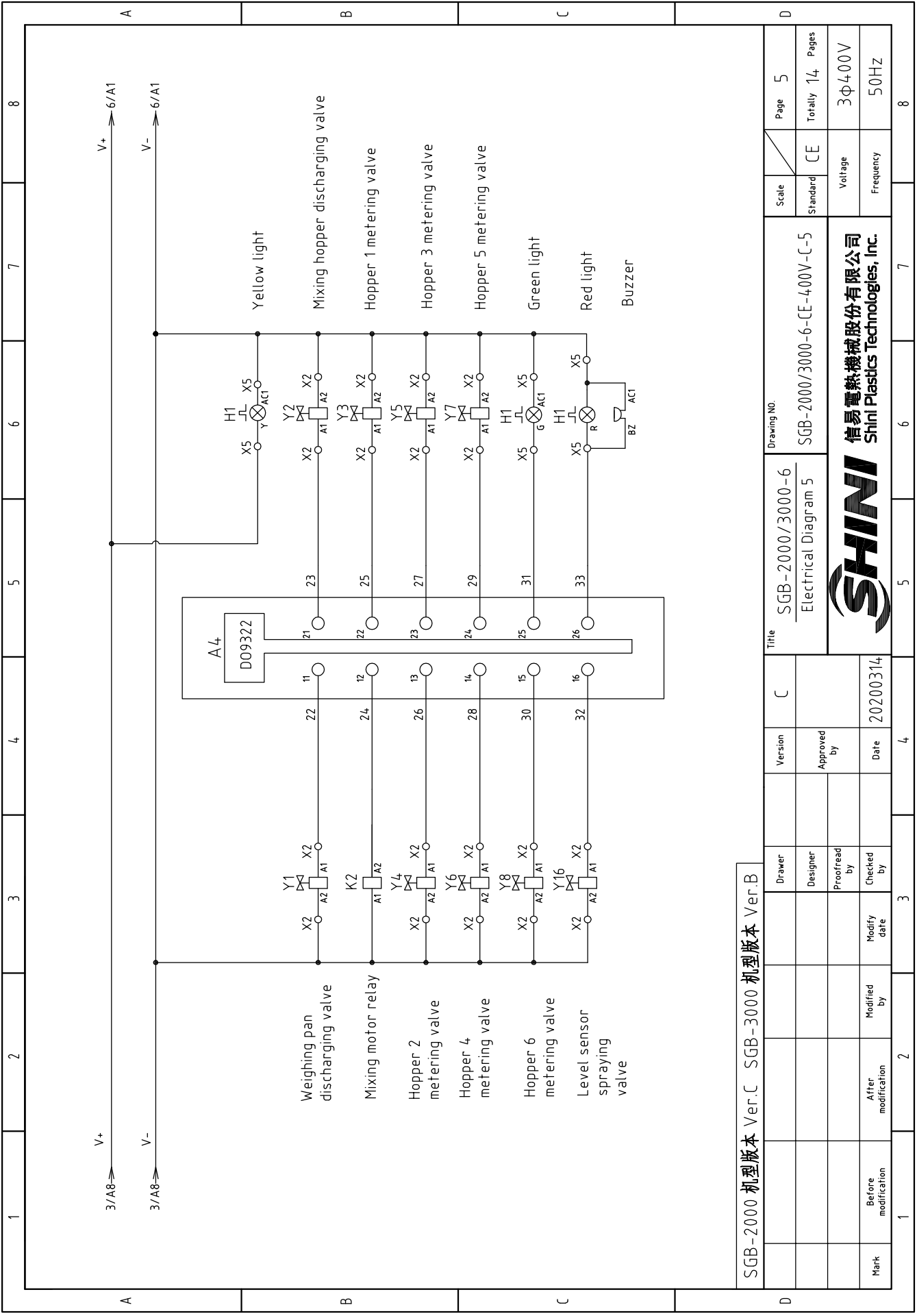




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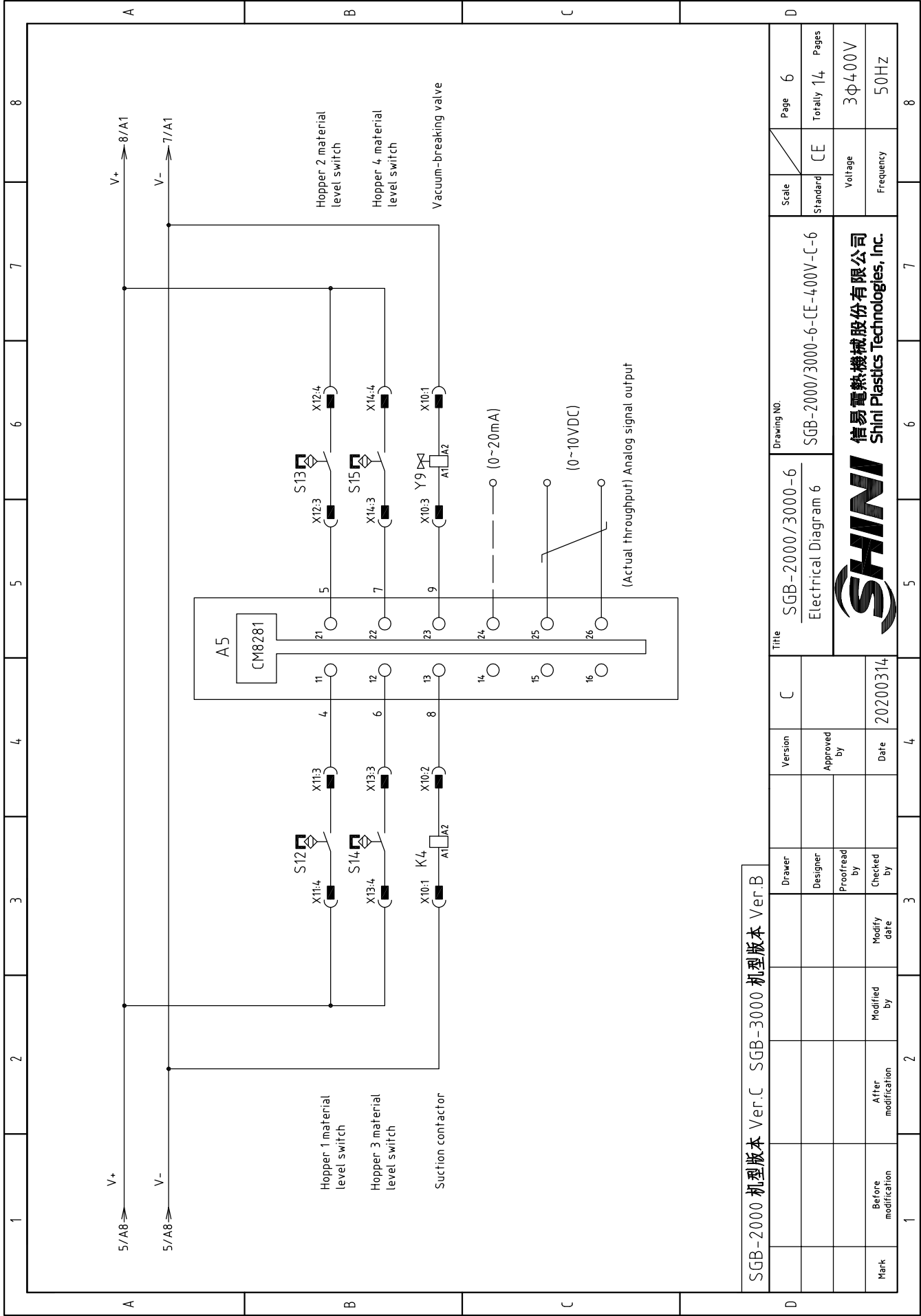
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Frequency		50HZ		
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Title		SGB-2000/3000-6 Electrical Diagram 4		
Version	C			
Approved by				
Date	20200314			
Drawer				
Designer				
Proofread by				
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Modified by				
Before modification				
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SGB-2000 机型版本 Ver.C SGB-3000 机型版本 Ver.B

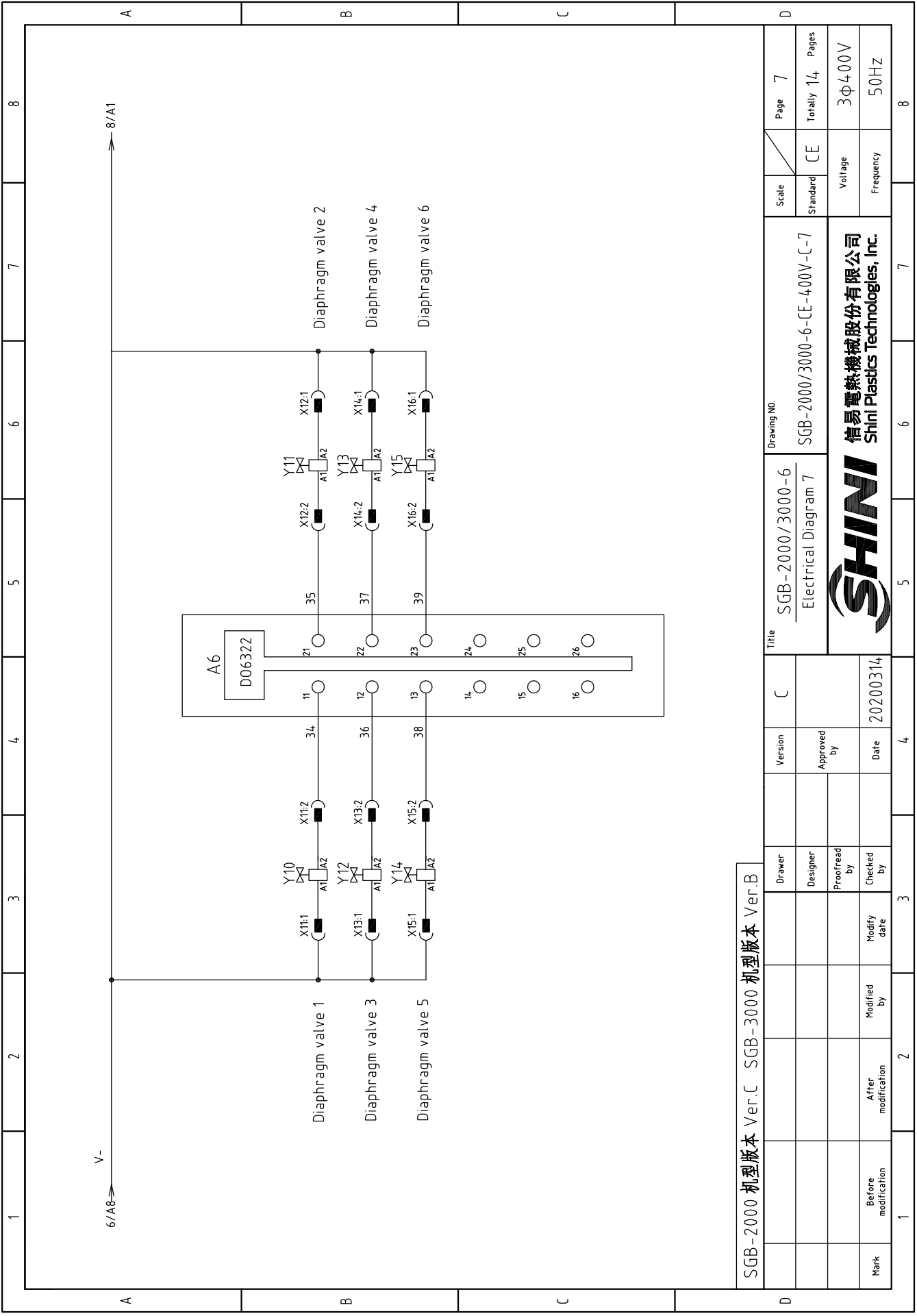
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B	Date		Frequency		Pages		
	20200314		3Φ400V 50Hz		8		
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Modify date		Frequency		Voltage			
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3		4		5		6	
4		5		6		7	
5		6		7		8	



SGB-2000 机型版本 Ver.C SGB-3000 机型版本 Ver.B

1	2	3	4	5	6	7	8
Title			Version		Drawing NO.		Page
SGB-2000/3000-6			C		SGB-2000/3000-6-CE-400V-C-6		6
Electrical Diagram 6			Approved by		Standard		Totally
Date			Checked by		Voltage		Pages
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Mark			Modified by		Frequency		
Before modification			Modify date		50Hz		
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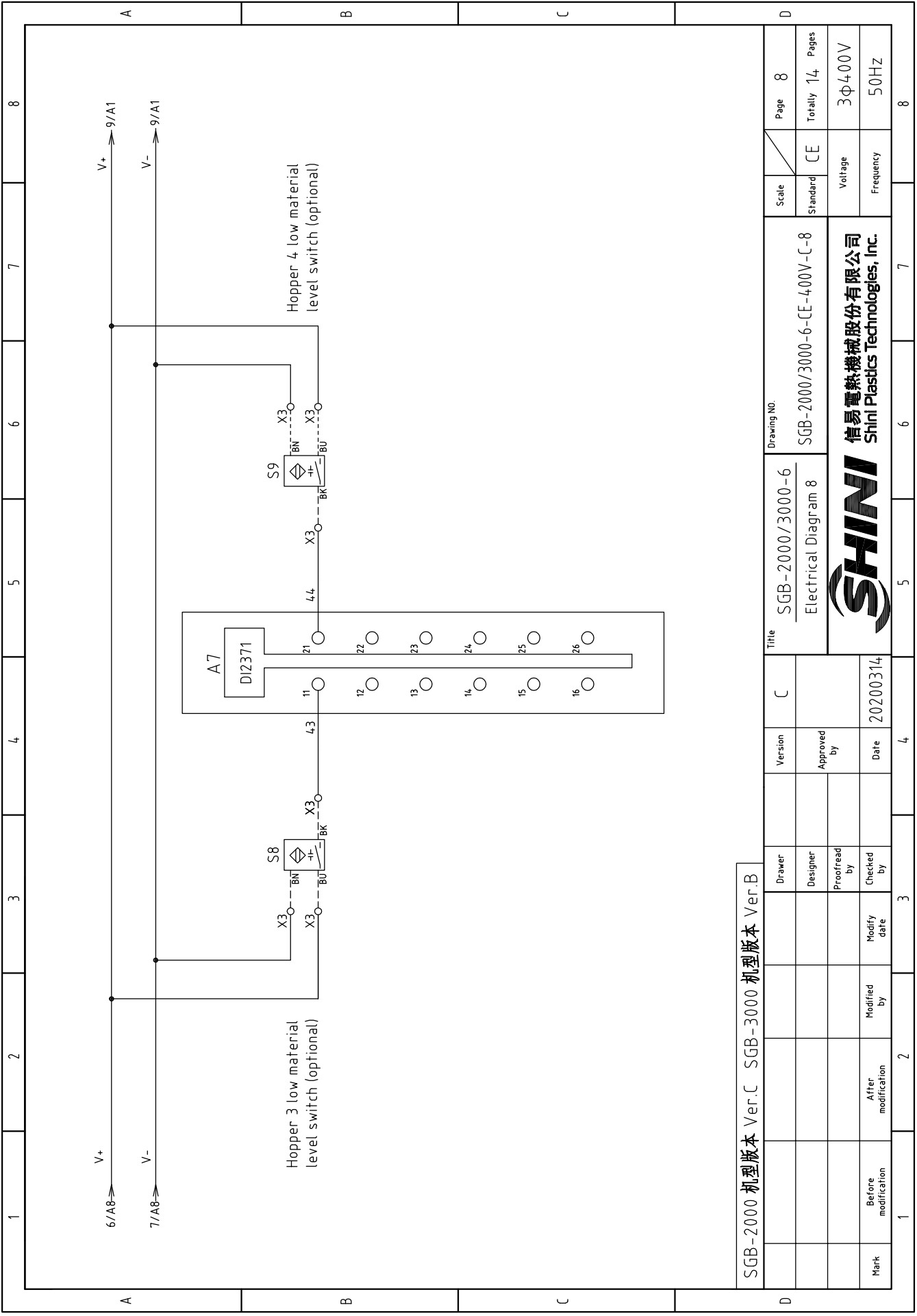




SGB-2000 机型版本 Ver.C SGB-3000 机型版本 Ver.B

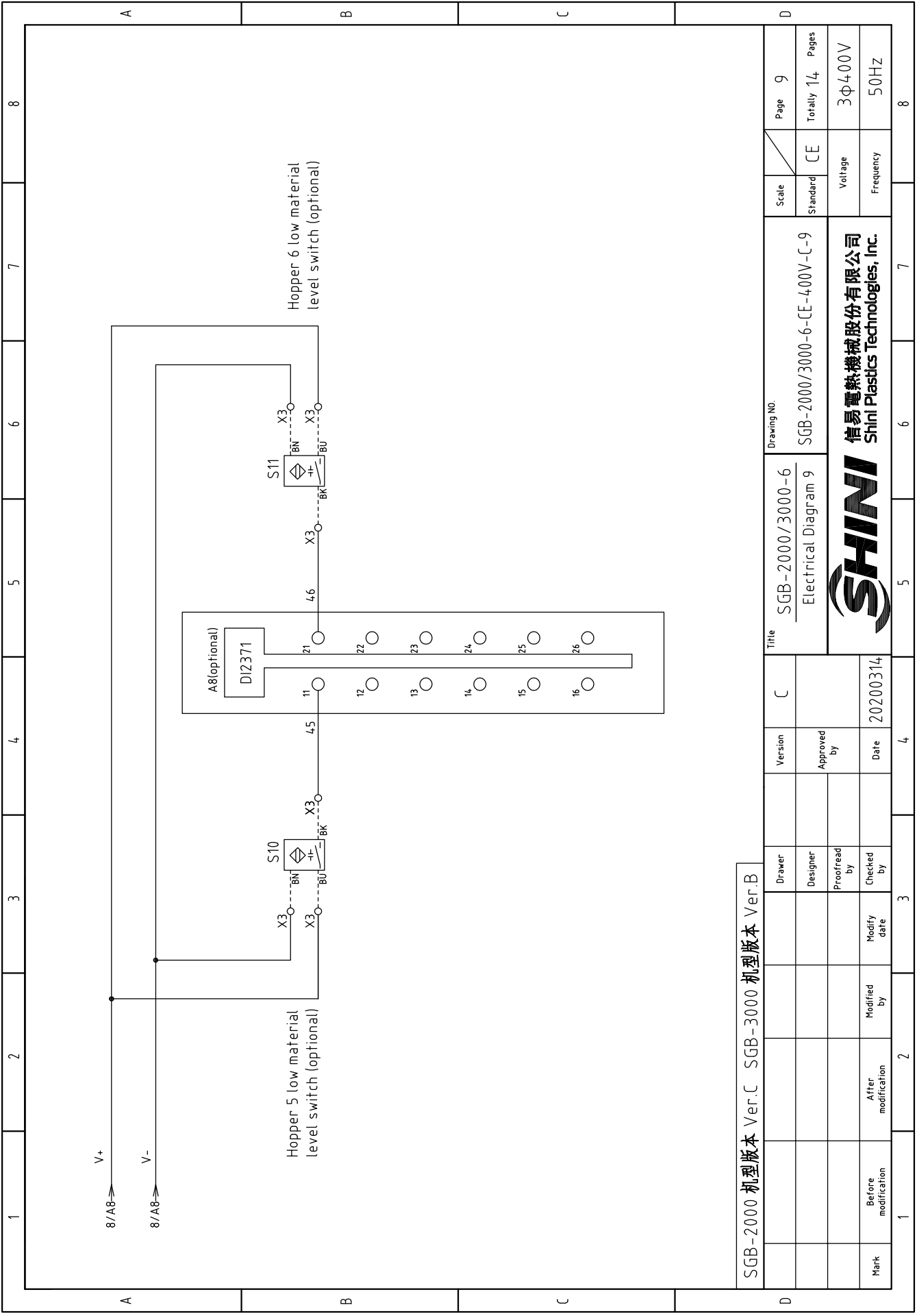
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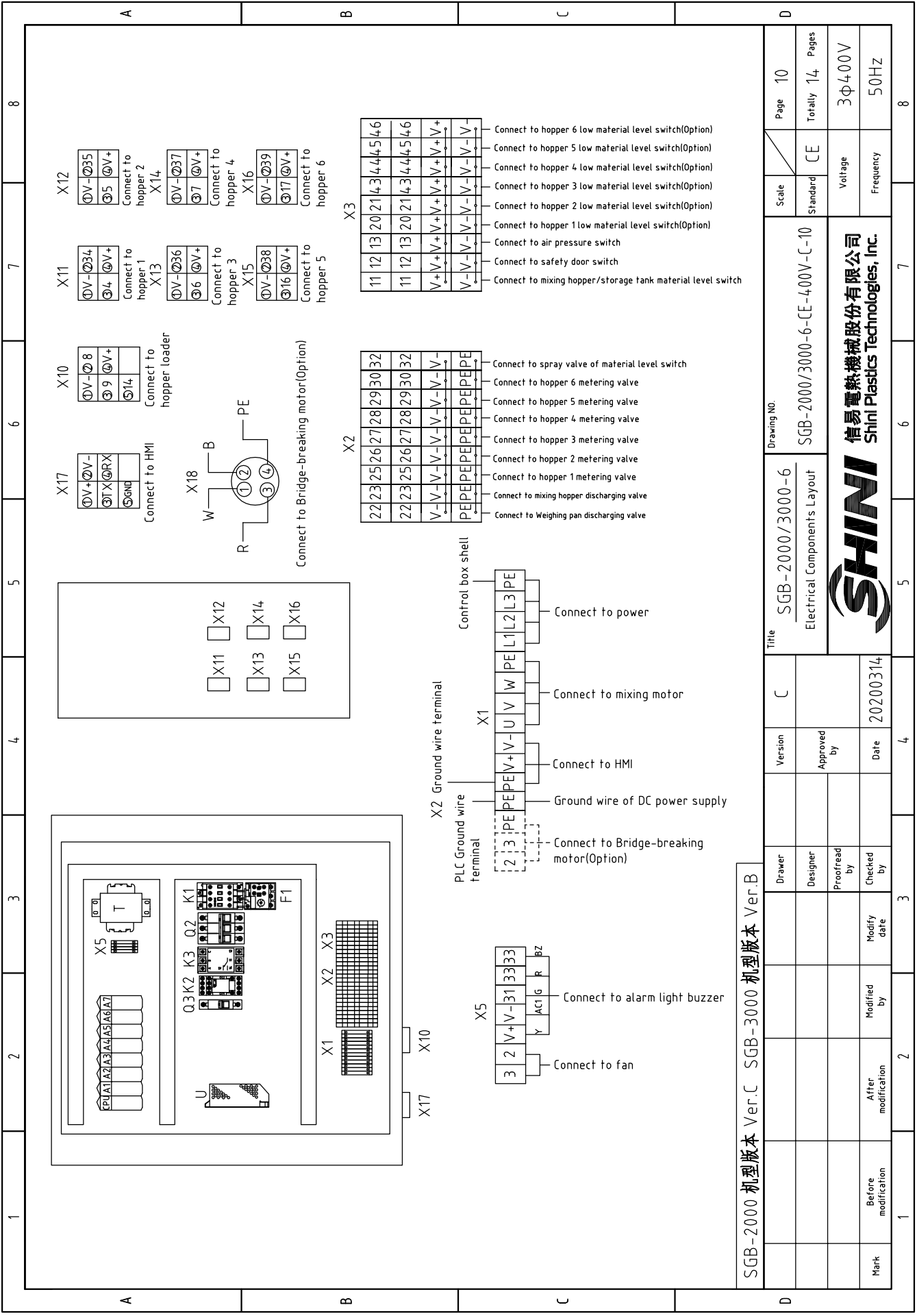
SGB-2000 机型版本 Ver.C SGB-3000 机型版本 Ver.B

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Version		C	
Approved by			
Date		20200314	
Drawing NO.		SGB-2000/3000-6-CE-400V-C-8	
Voltage		3Φ400V	
Frequency		50HZ	
Title		SGB-2000/3000-6 Electrical Diagram 8	
SHINI		信易电热机械股份有限公司 Shini Plastics Technologies, Inc.	
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	Checked by	Date	4
	Proofread by		
	Designer		
	Drawer		



SGB-2000 机型版本 Ver.C SGB-3000 机型版本 Ver.B

D	Scale	CE	Page	9
	Standard	CE	Totally	14
Title		SGB-2000/3000-6		
Version		C		
Approved by				
Date		20200314		
Drawing NO.		SGB-2000/3000-6-CE-400V-C-9		
Voltage		3Φ400V		
Frequency		50HZ		
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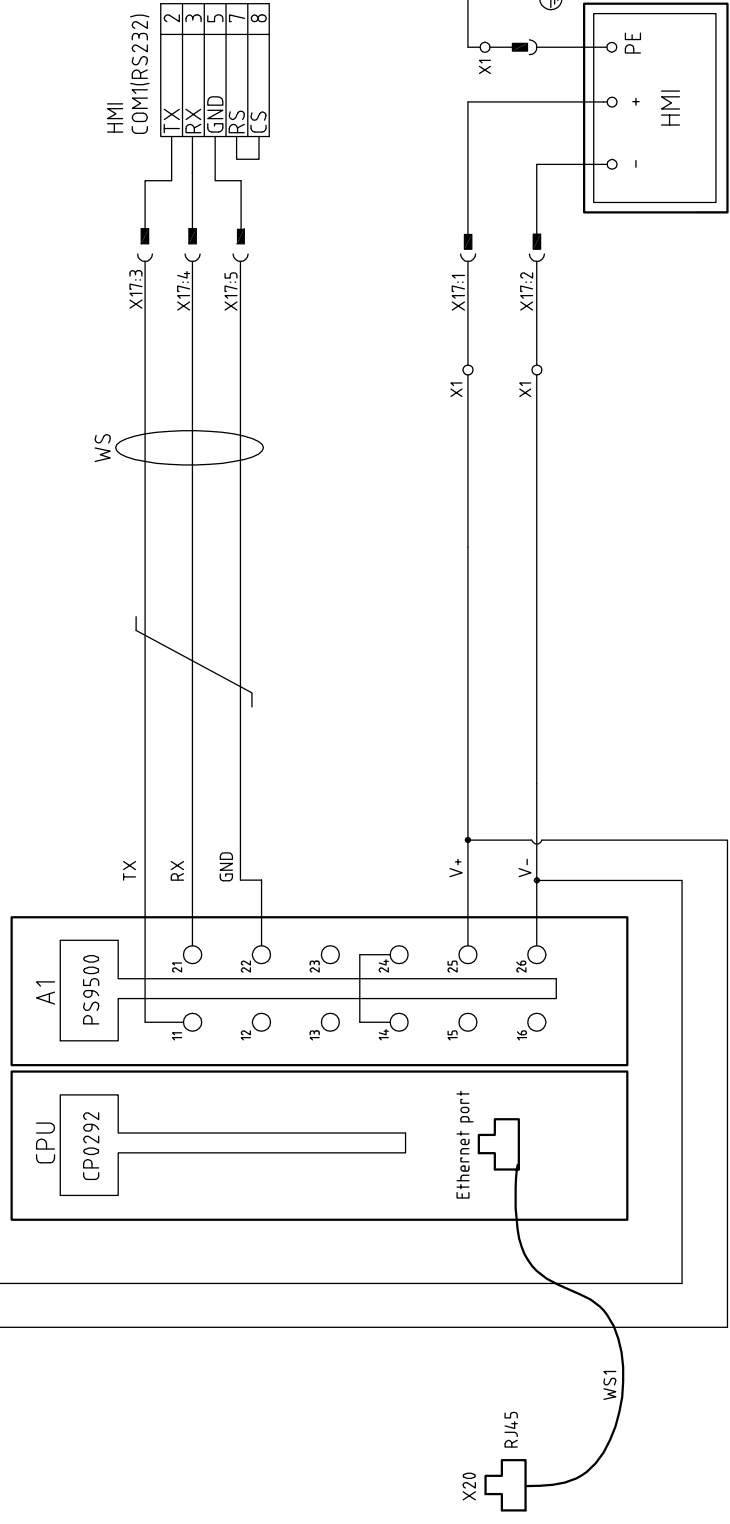
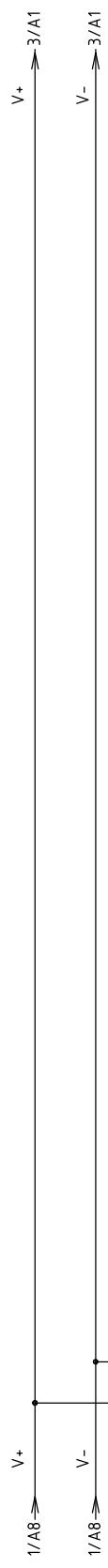
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D	Frequency	Frequency				50Hz	Page	SHINI		8
		Voltage						3Φ400V	信易电热机械股份有限公司 Shini Plastics Technologies, Inc.	

1	2		3	4	5	6	7	8
No.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark
	Q1	Main power switch	EATON	TO-2-1/EA/SVB	20A	1	YE10021160000	
	Q2	Circuit-Breakers	TECO	BM-63C/ 3006S	6A	1	YE40603000000	
A	Q3	Circuit breaker	TECO	BM-63C	3A	1	YE40100203000	
	S3	Capacitive proximity switch	IFM	KI 5082	10~36VDC	1	----	(1)
	S6~S11	Capacitive proximity switch	IFM	KI 5082	10~36VDC	6	----	(1) (2)
	S4	Safety switch	SCHMERSRC	AZ152VK-1476	AC-15	1	----	(1)
	S5	Pressure switch	FOX	K4SA02	1~12KG	1	----	(1)
	K1	Contactors	SIEMENS	3RT6015-1AN21	230V 50/60HZ	1	YE00601521000	
	K3	Phase sequence protector	CHAOSHI	ABJ-10W	400V	1	YE03103800000	
	K2	Middle relay	WEIDMULLER	DRM270024LT	24VDC 12A	1	YE03272400000	
B	F1	Thermo-overload-relay	SIEMENS	3RU6116-4DB0	2.3~3.2A	1	YE01160220000	Cancel
	F1	Thermo overload relay	SIEMENS	3RU6116-1CB0	1.8~2.5A	1	YE01160180000	New
	T	Transformer	JIUXIN	IN=400/415V OUt=230V	500mA	1	YE70040005200	
	U	DC power	MEAN WELL	S-100-24	+24V 4.5A	1	YE71102400000	
	CPU,A1~A7	4-component gravimetric Controller	B&R	----	----	1	YE80024000100	
	A8	Digital input mouldle	B&R	X20 DI2371	----	1	YE80237100000	(2)
		Terminal block	B&R	X20 TB12	----	1	YE80201100000	(2)
		Bus mouldle	B&R	X20 BM11	----	1	YE80200100000	(2)
C	HMI	Human-machine interface	SCHNEIDER	GXU3512	24VDC	1	YE80351200100	
	H1	3-color alarm lamp with buzzer	----	PK-27A	24VDC	1	BL90242201520	
	BW1BW2	Weighing sensor	ZHONGHANG	L6D-C3-50kg-2.4B	10VDC 2mV/V	2	----	(1)
	X1	Terminal	Honeywell	SK2.5	2.5mm ²	8	YE60002503200	
	X1	Terminal	Honeywell	GK2.5PE	2.5mm ² PE	4	YE60002503400	
	X1	Terminal	Honeywell	SK2.5	2.5mm ²	2	YE60002503200	(3)
	X1	Terminal	Honeywell	GK2.5PE	2.5mm ² PE	1	YE60002503400	(3)
机型版本 Ver.B Note: (1) means not part of control box. (2) Optional low material level switch. (3)Optional Bridge-breaking motor.								
			Drawer	Version	Title		Scale	
			Designer	C	SGB-3000-6		Standard	Page 13
			Proofread by	Approved by	Electrical Components List 3		CE	Totally 14 Pages
			Checked by	Date	SGB-3000-6-CE-400V-C-13		Voltage	3Φ400V
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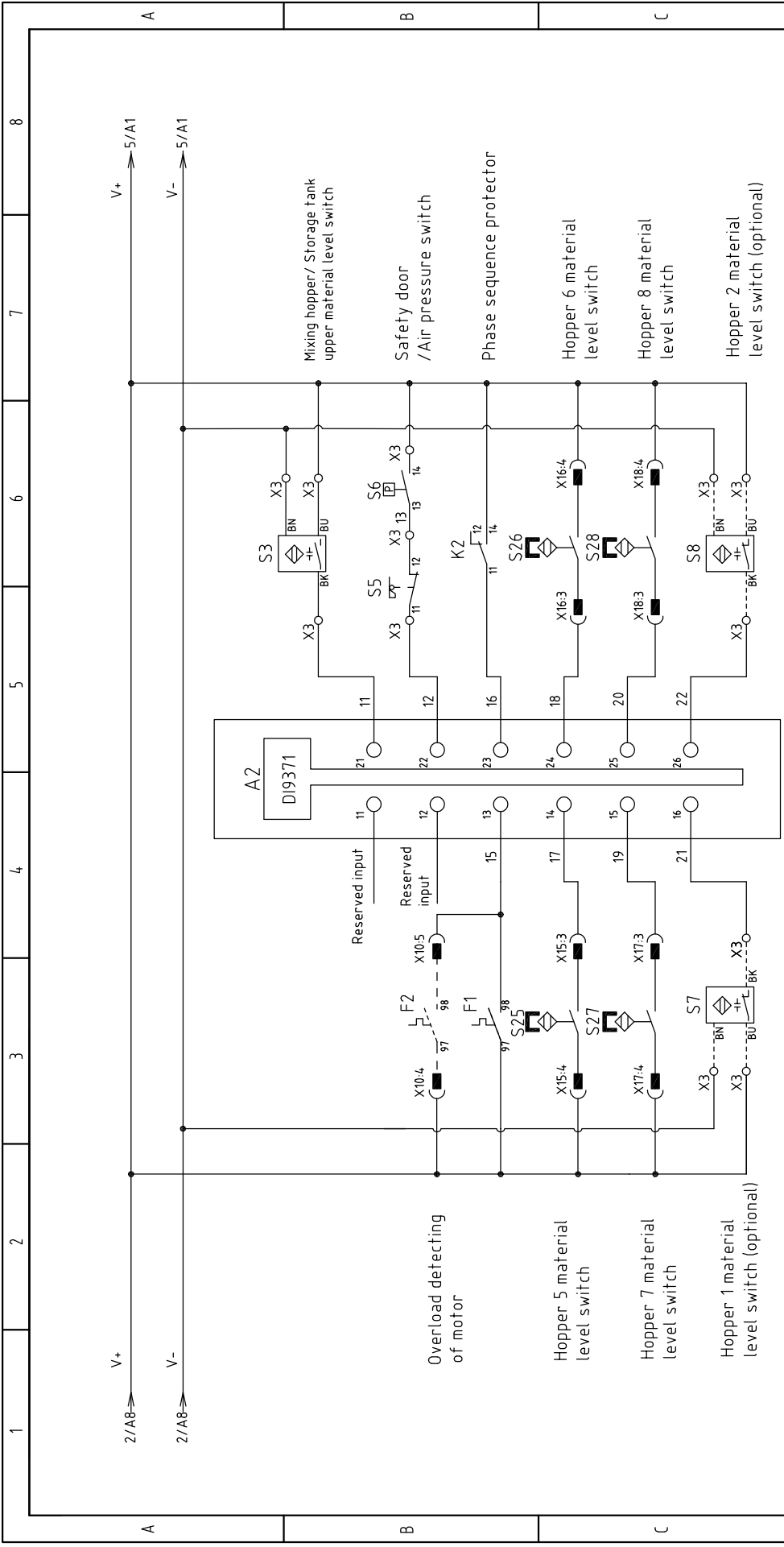


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Shini Plastics Technologies, Inc.



机型版本 Ver.B

Title		SGB-3000-8		Drawing NO.		SGB-3000-8-CE-400V-E-2		Scale		Page 2	
Electrical Diagram 2		E		Version		Standard		CE		Totally 14 Pages	
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信易电热机械股份有限公司		20200314		Date		Frequency		50HZ		8	
Mark		Modified by		Modified date		Checked by		Date		20200314	



机型版本	Ver.B
Mark	Before modification
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Modify date	
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Date	20200314
Proofread by	
Approved by	
Version	E

Drawer	
Designer	
Proofread by	
Checked by	
Date	20200314
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Version	E
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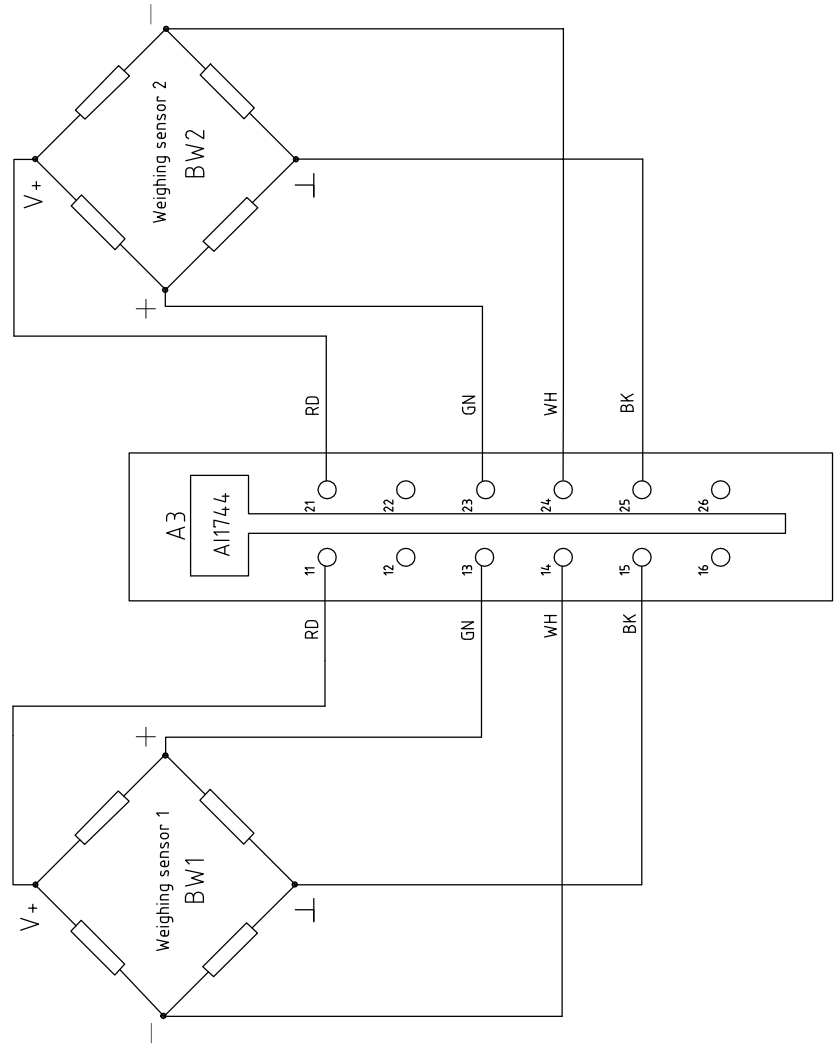
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Standard	CE		Totally	14
Pages			Pages	
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Frequency				



Drawing NO.

SGB-3000-8-CE-400V-E-3

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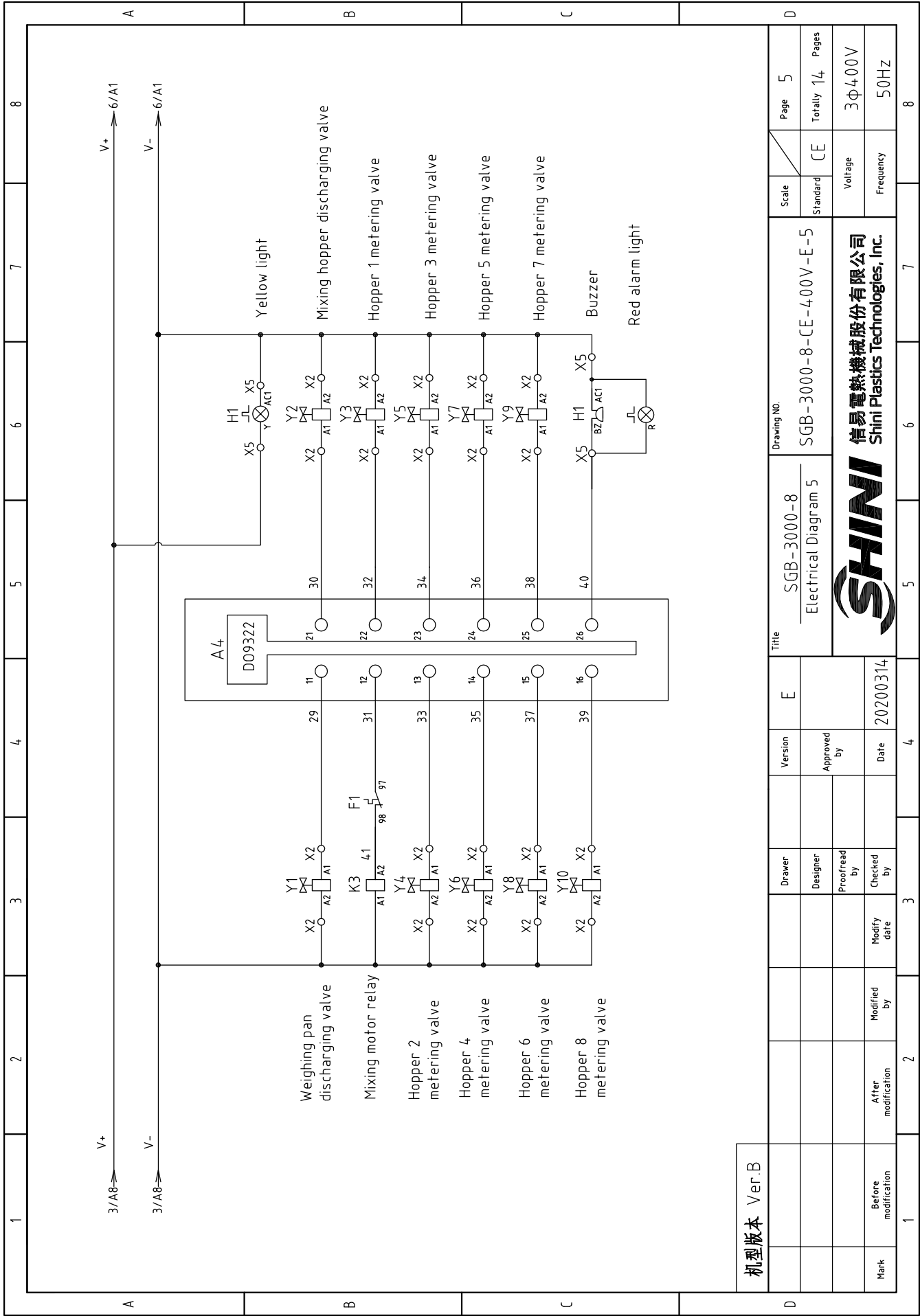


机型版本 Ver.B

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														Totally
														14
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Shini Plastics Technologies, Inc.

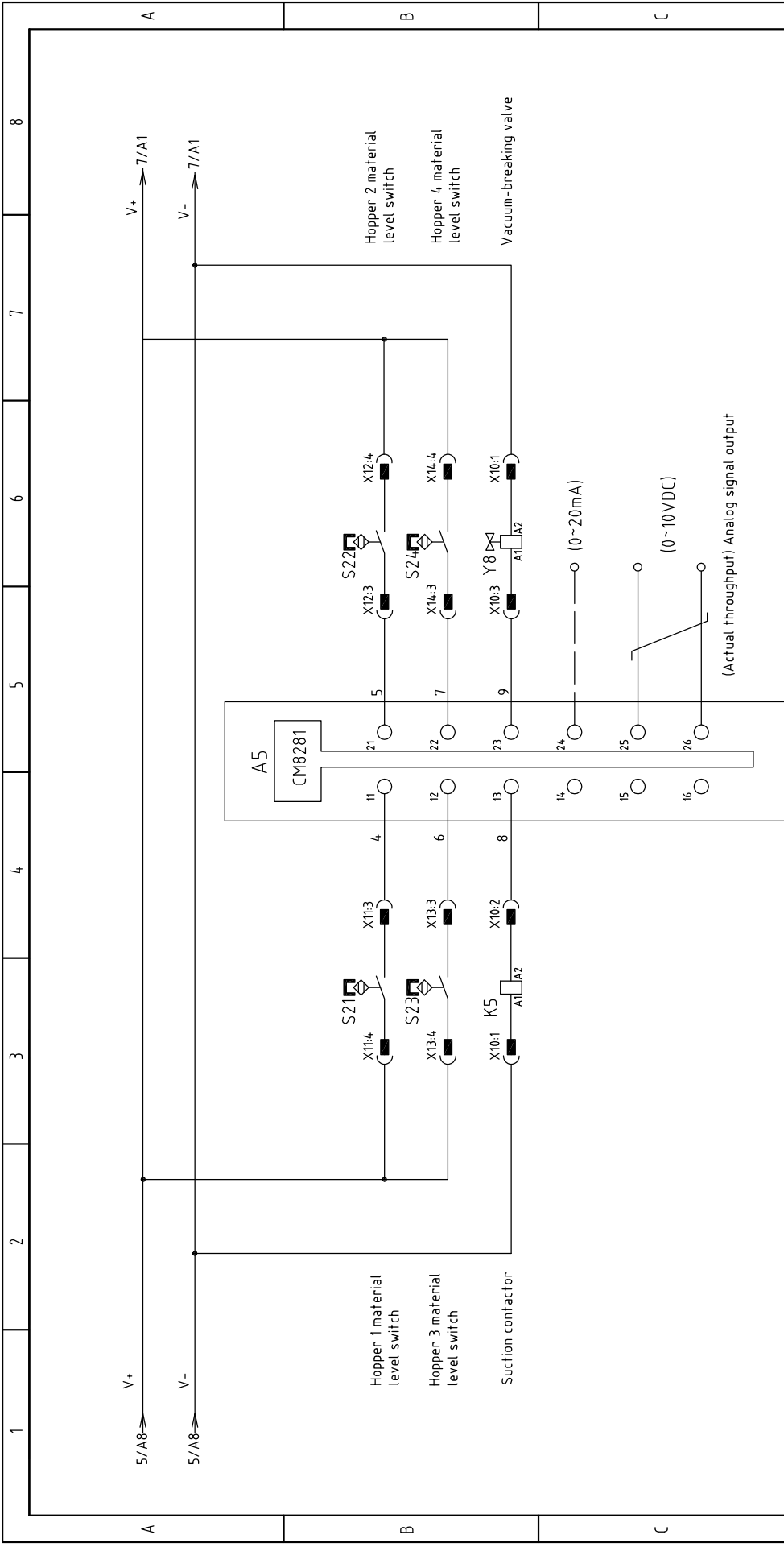


机型版本 Ver.B

D	Title		Drawing NO.		Scale	Page							
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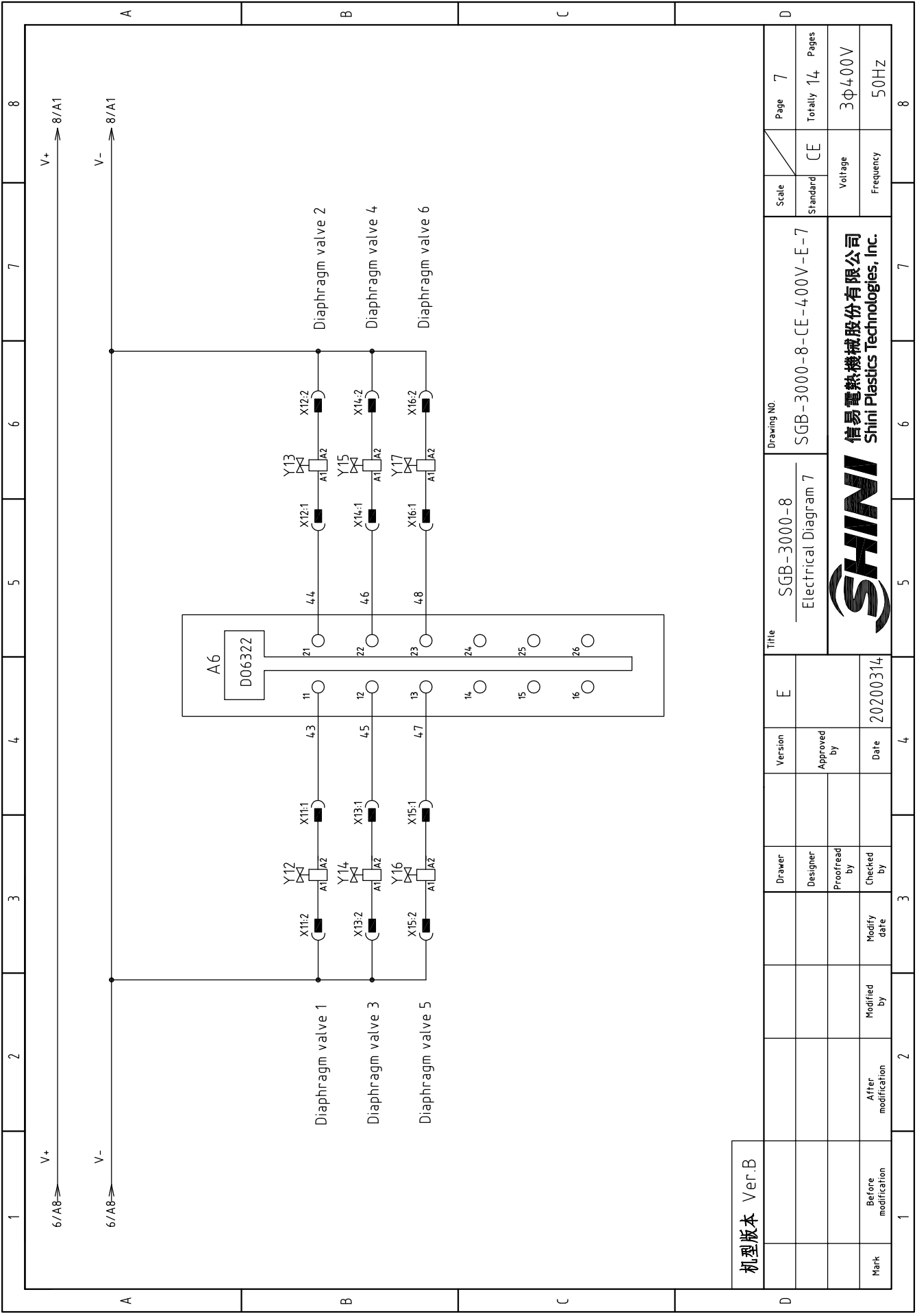
信易电热机械股份有限公司
Shini Plastics Technologies, Inc.



机型版本	Ver.B
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Version	E
Title	SGB-3000-8 Electrical Diagram 6
Scale	Standard
Standard	CE
Page	6
Totally	14
Pages	3Φ400V
Voltage	50HZ
Frequency	

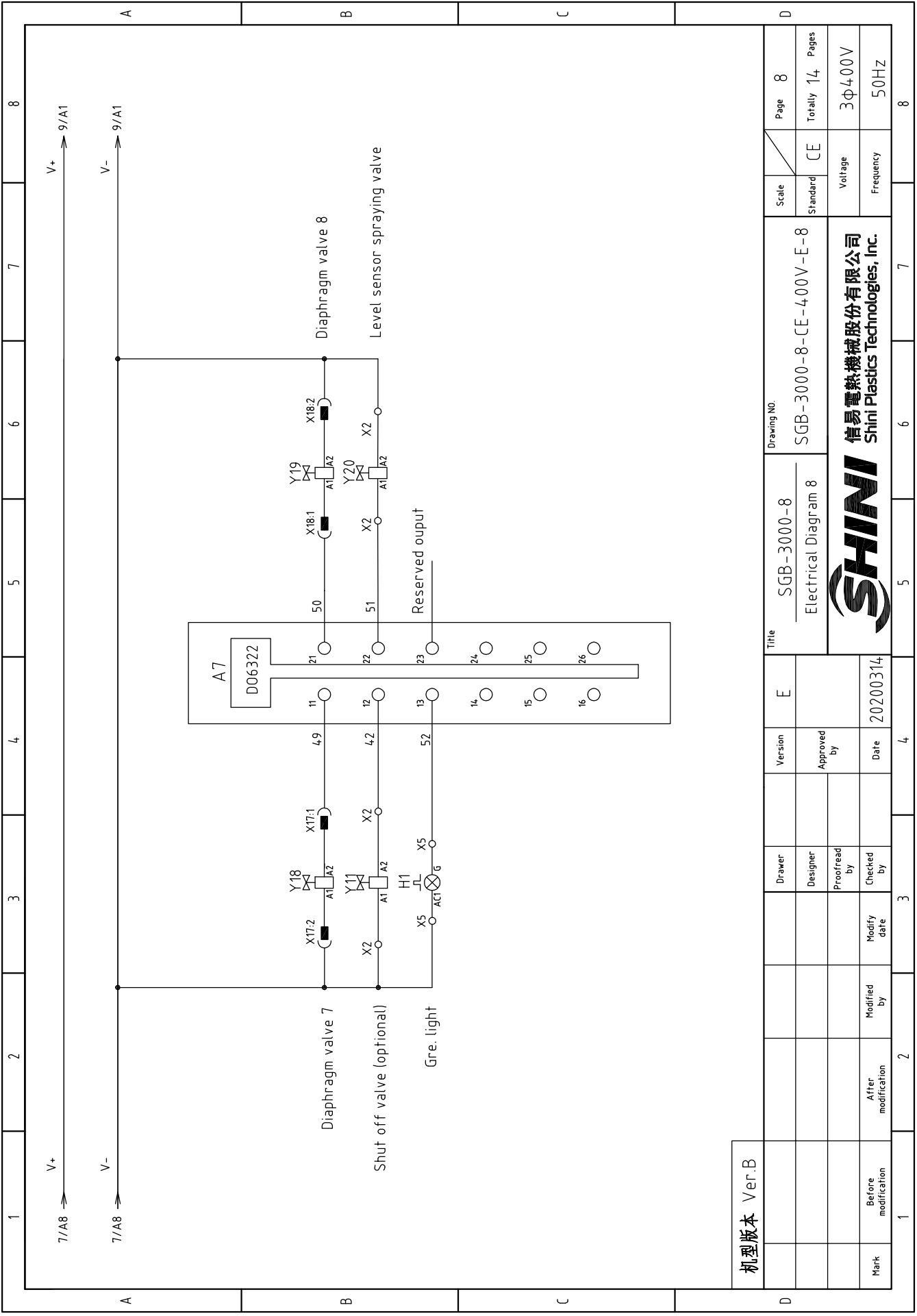
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 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.	



机型版本 Ver.B

D	Scale	Page 7	
		Standard	CE
Title		Drawing NO.	
SGB-3000-8		SGB-3000-8-CE-400V-E-7	
Electrical Diagram 7		Voltage	
E		Frequency	
Version		Totally 14 Pages	
Approved by		3Φ400V	
Date		50HZ	
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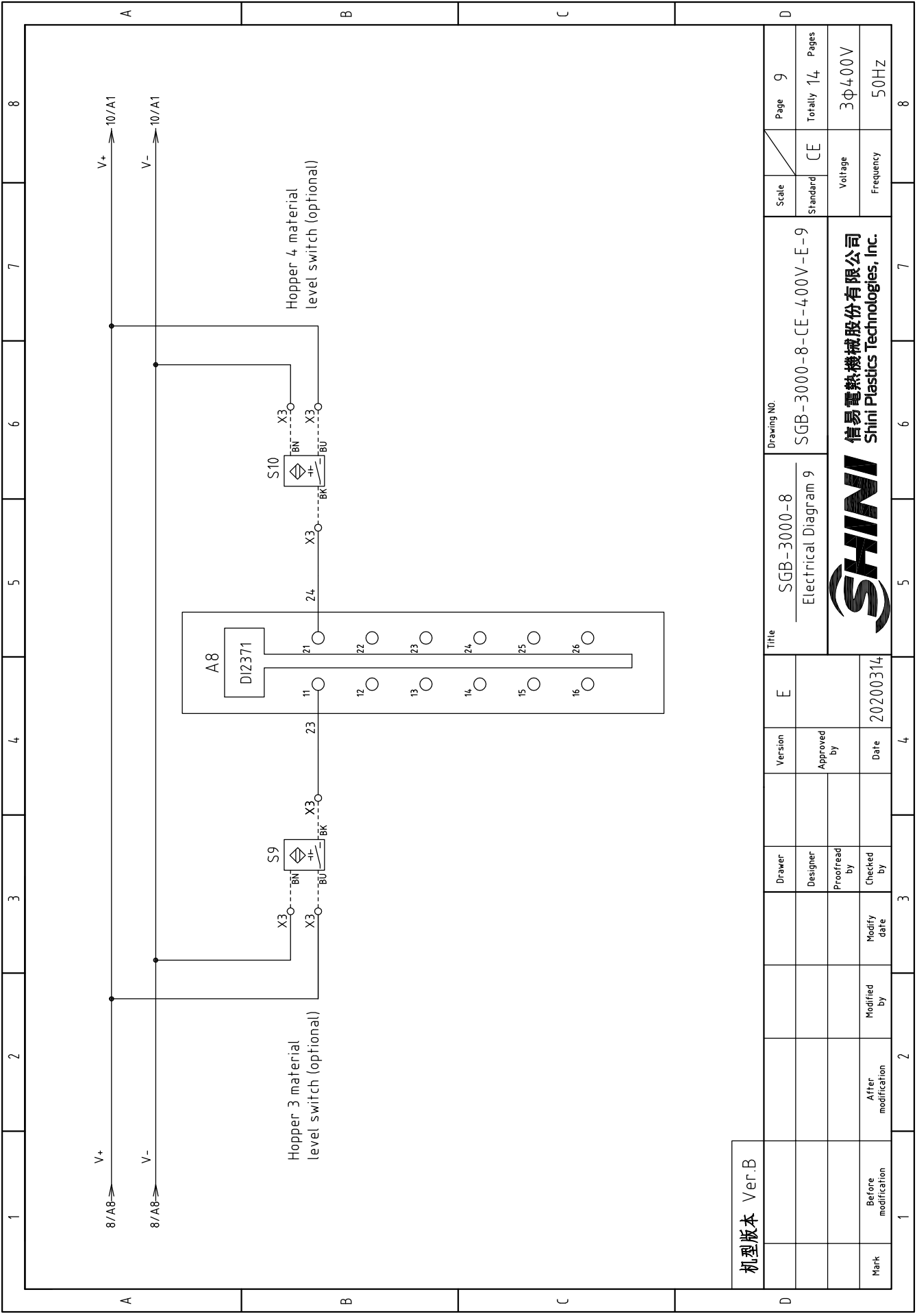


机型版本	Ver.B
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	Drawer
Version	E
Approved by	
Date	20200314

Title		SGB-3000-8 Electrical Diagram 8		Drawing NO.		SGB-3000-8-CE-400V-E-8	
Scale		CE		Page		8	
Standard		CE		Totally		14	
Voltage		3Φ400V		Frequency		50HZ	
Mark		Before modification		After modification		Modify date	
Checked by		Date		20200314			
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Approved by		Version		E			
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Shini Plastics Technologies, Inc.

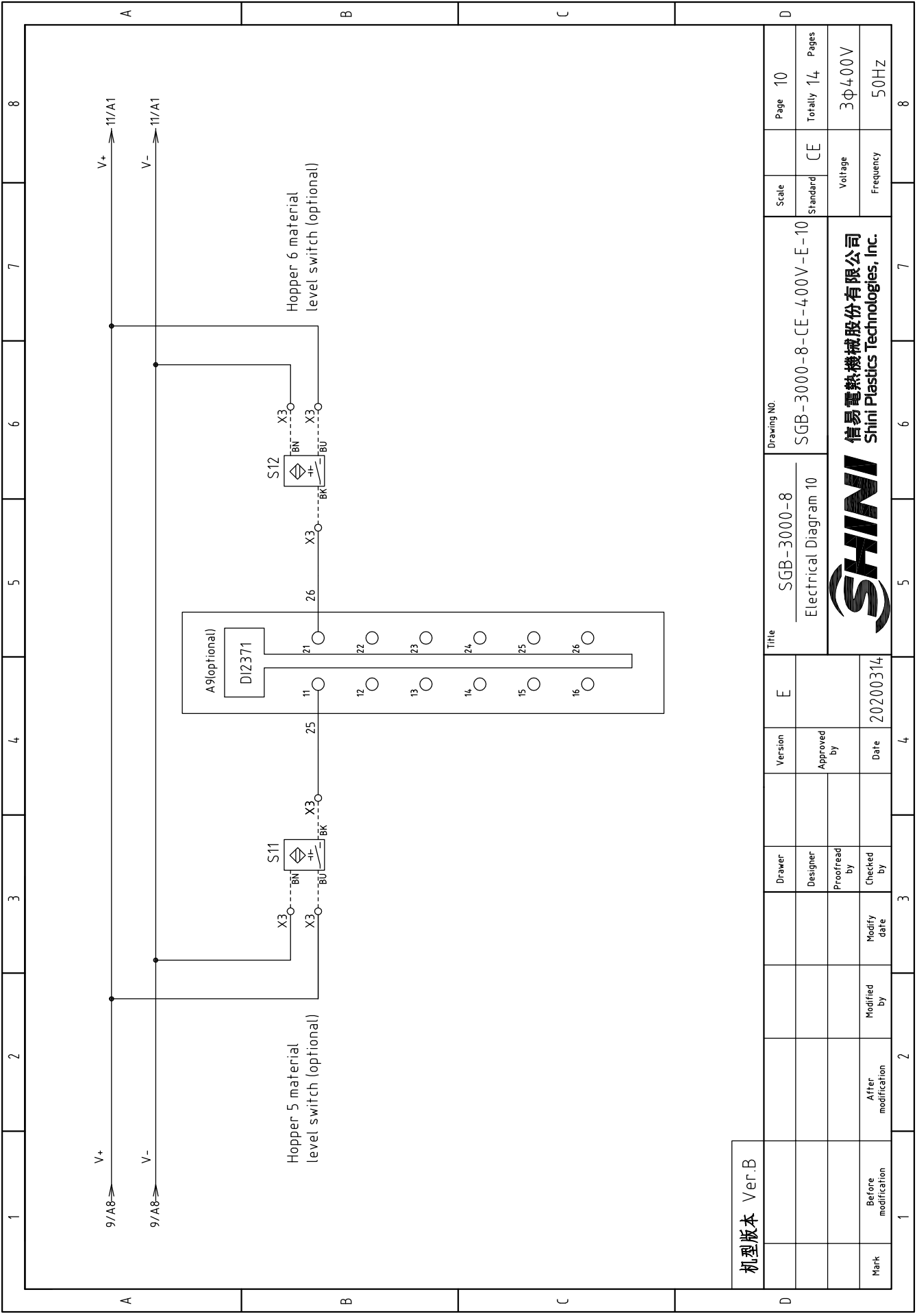


机型版本 Ver.B

D	Version	E	Title	Drawing NO.		Page	9	
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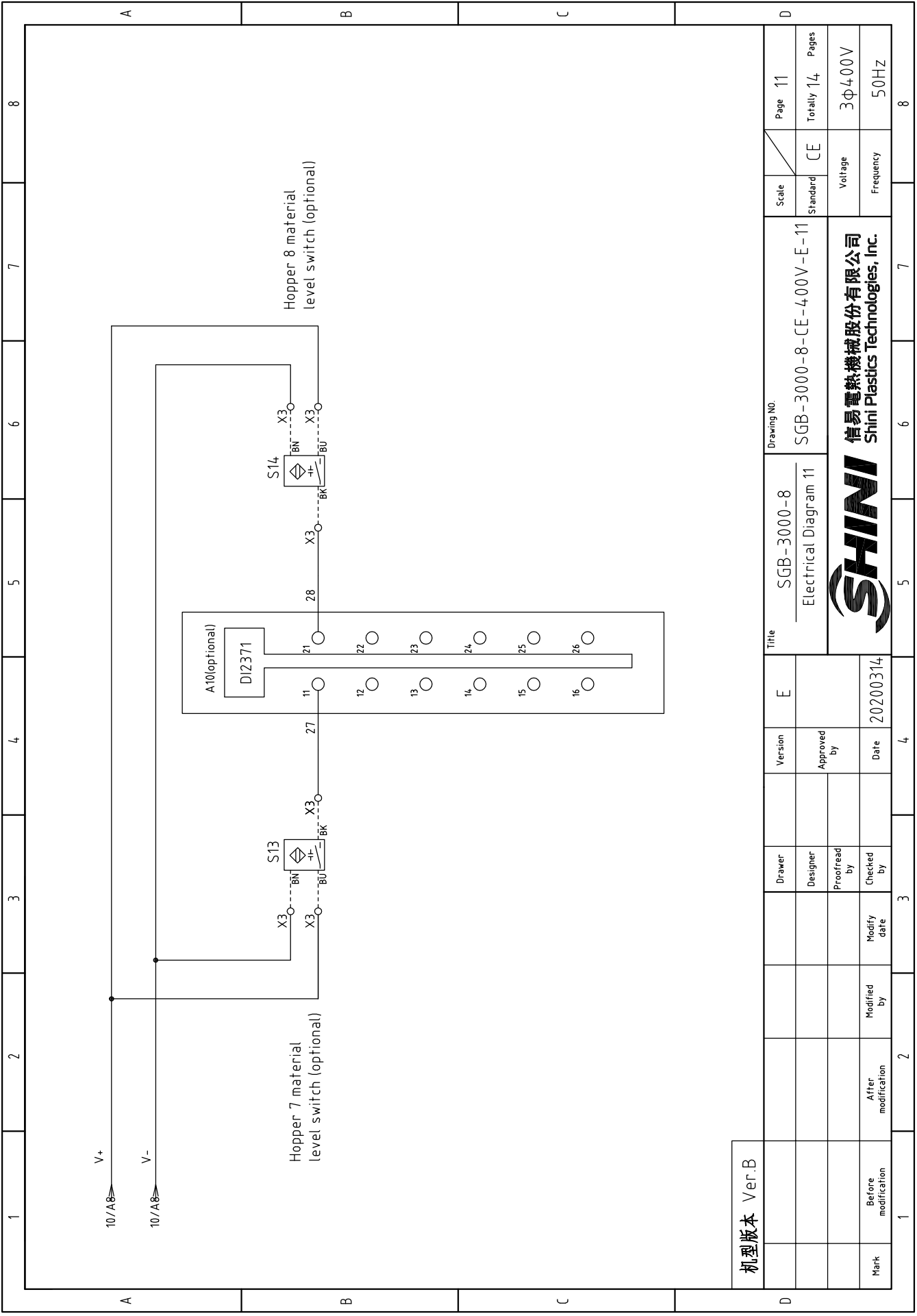
信易電熱機械股份有限公司
Shini Plastics Technologies, Inc.



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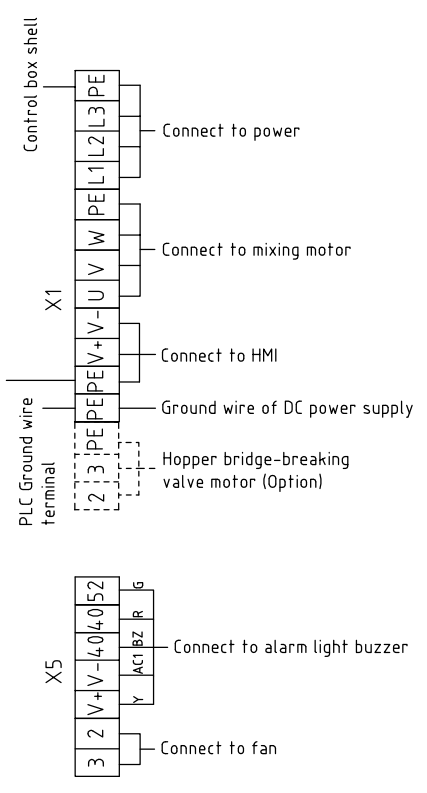
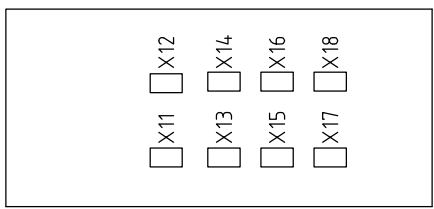
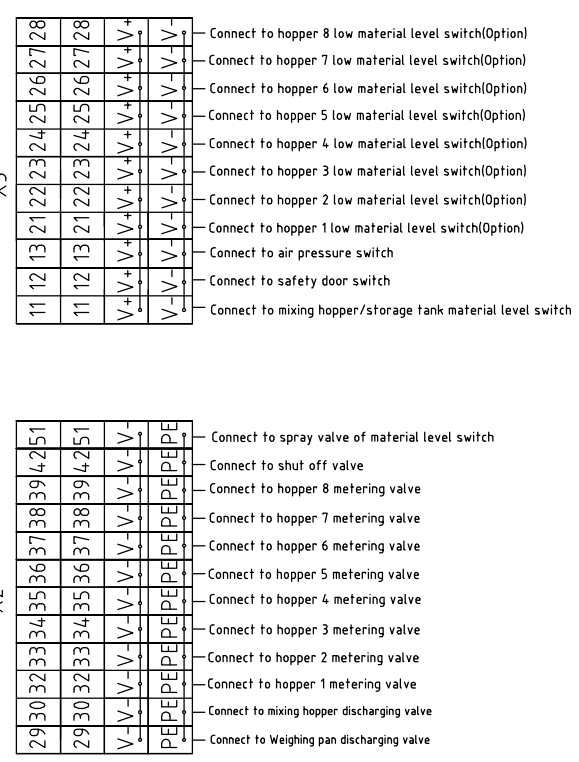
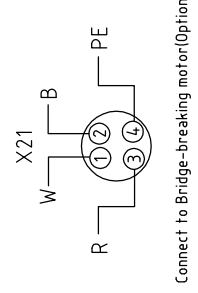
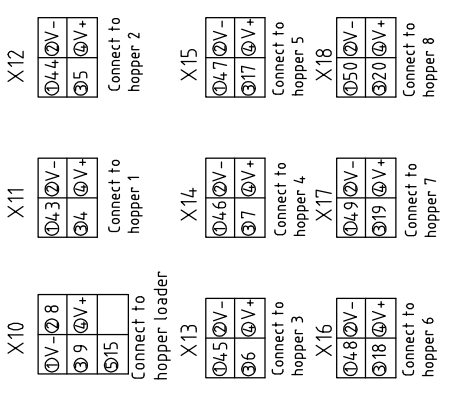
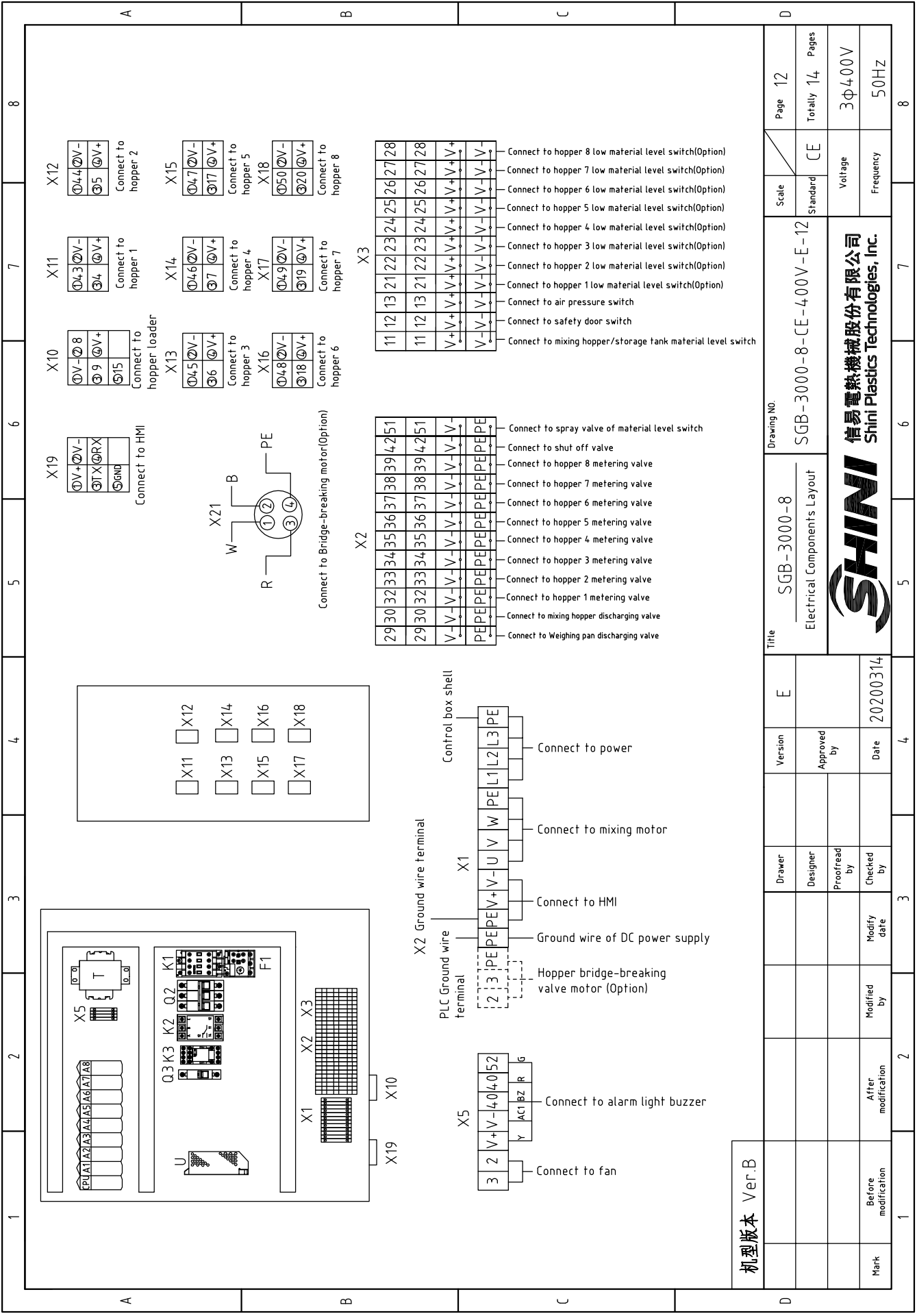
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Version	E		
Approved by			
Date	20200314		
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Modified date			
Mark	Before modification		
Mark	After modification		
Voltage		3Φ400V	
Frequency		50HZ	
1	2	3	4
5	6	7	8






机型版本 Ver.B

D	Version	E	Title	SGB-3000-8		Scale	Page 11								
				Electrical Diagram 11				Standard	CE						
Mark	Before modification	After modification	Modified by	Modify date	Checked by	Proofread by	Voltage								
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SGB-3000-8-CE-400V-E-11		SHINI		信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		3Φ400V									
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1		2		3		4		5		6		7		8	



机型版本	Ver.B
Mark	Before modification
Modified by	
Modify date	
Checked by	20200314
Date	
Approved by	
Designer	
Drawer	
Version	E
Title	SGB-3000-8 Electrical Components Layout

Page	12
Totally	14
Pages	
Scale	CE
Standard	
Voltage	3Φ400V
Frequency	50Hz
Drawing NO.	SGB-3000-8-CE-400V-E-12
 信易电热机械股份有限公司 Shini Plastics Technologies, Inc.	

1	2		3	4	5	6	7	8
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark
1	Q1	Main power switch	EATON	TO-2-1/EA/SVB	20A	1	YE10021160000	
2	Q2	Circuit-Breakers	TECO	BM-63C/ 3006S	6A	1	YE40603000000	
3	Q3	Circuit breaker	TECO	BM-63C	3A	1	YE40100203000	
4	S3	Capacitive proximity switch	IFM	KI 5082	10~36VDC	1	----	(1)
5	S7~S14	Capacitive proximity switch	IFM	KI 5082	10~36VDC	8	----	(1) (2)
6	S5	Safety switch	SCHMERSRC	AZ152VK-1476	AC-15	1	----	(1)
7	S6	Pressure switch	FOX	K4SA02	1~12KG	1	----	(1)
8	K1	Contactors	SIEMENS	3RT6015-1AN21	230V 50/60HZ	1	YE00601521000	
9	K2	Phase sequence protector	CHAOSHI	ABJ-10W	400V	1	YE03103800000	
10	K3	Mid-relay	WEIDMULLER	DRM270024LT	24VDC 12A	1	YE03272400000	
11	F1	Thermo overload relay	SIEMENS	3RU6116-1CB0	1.8~2.5A	1	YE01160180000	
12	T	Transformer	JIUXIN	IN=400/415V OUT=230V	500mA	1	YE70040005200	
13	U	DC power	MEAN WELL	S-100-24	+24V 4.5A	1	YE71102400000	
14	CPU,A1,A2,A3 A4,A5,A6,A8	4-component gravimetric Controller	B&R	----	----	1	YE80024000100	
15	A10,A9	Digital input mouldle	B&R	X20 DI2371	----	2	YE80237100000	(2)
16		Terminal block	B&R	X20 TB12	----	2	YE80201100000	(2)
17		Bus mouldle	B&R	X20 BM11	----	2	YE80200100000	(2)
18	A7	Digital output mouldle	B&R	X20 DO6322	----	1	YE80632200000	
19		Terminal block	B&R	X20 TB12	----	1	YE80201100000	
20		Bus mouldle	B&R	X20 BM11	----	1	YE80200100000	
21	H1	3-color alarm lamp with buzzer	----	PK-27A	24VDC	1	BL90242201520	
22	HMI	Human-machine interface	SCHNEIDER	GXUJ3512	24VDC	1	YE80351200100	
23	BW1BW2	Weighing sensor	ZHONGHANG	L6D-C3-50kg-2.4B	10VDC 2mV/V	2	----	(1)
24	X1	Terminal	Honeywell	SK2.5	2.5mm ²	8	YE60002503200	
25	X1	Terminal	----	GK2.5PE	2.5mm ² PE	3	YE60002503400	
机型版本 Ver.B								
Note: (1) means not part of control box. (2) Optional low material level switch. (3)Optional shut off valve.								
				Version	E	Drawing NO.		Page 13
				Approved by		SGB-3000-8		Totally 14
				Proofread by		Electrical Components List 1		Pages
				Checked by	20200314	SGB-3000-8-CE-400V-E-13		CE
				Modify date		Voltage		3Φ400V
				After modification		Frequency		50HZ
				Before modification				



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Shini Plastics Technologies, Inc.

