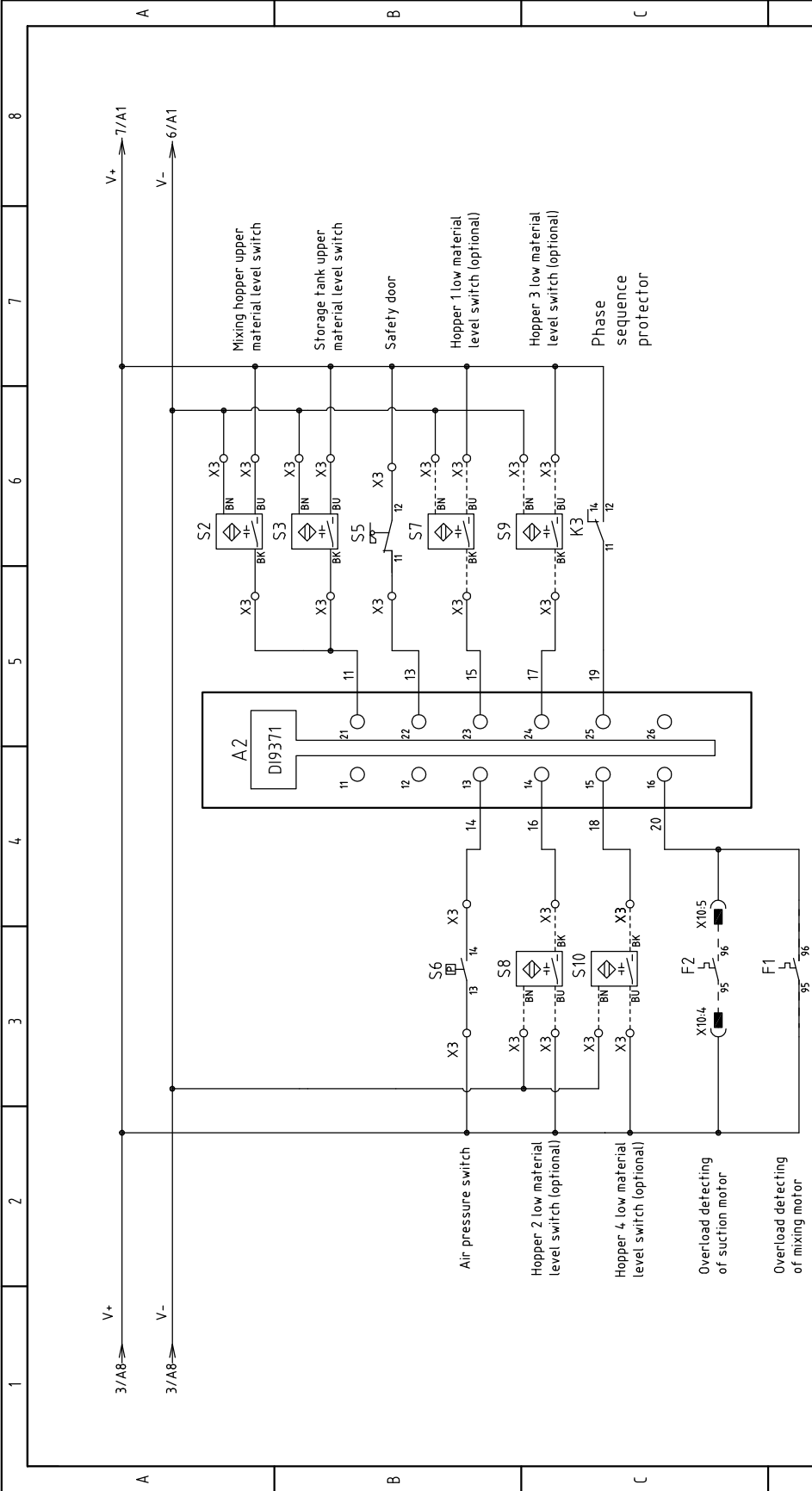


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												SGB-40~600-4		SGB-40~600-4-CE-400V-E-3		Standard	3
												Electrical Diagram 2				Standard	Totally 15 Pages
																Voltage	3/400V
																Frequency	50Hz

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

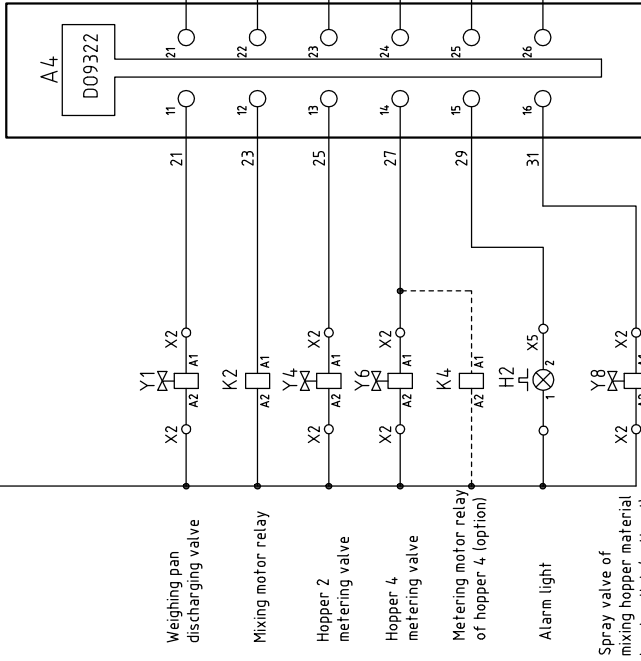


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		Version		E		Title		Drawing NO.		Scale		Page	
						SGB-40~600-4		SGB-40~600-4-CE-400V-E-6		Standard		CE	
		Approved by				Electrical Diagram 5						Totally	
												15	
												Pages	
												3/400V	
												Frequency	
												50Hz	

SHINI

信易电热机械股份有限公司

Shini Plastics Technologies, Inc.

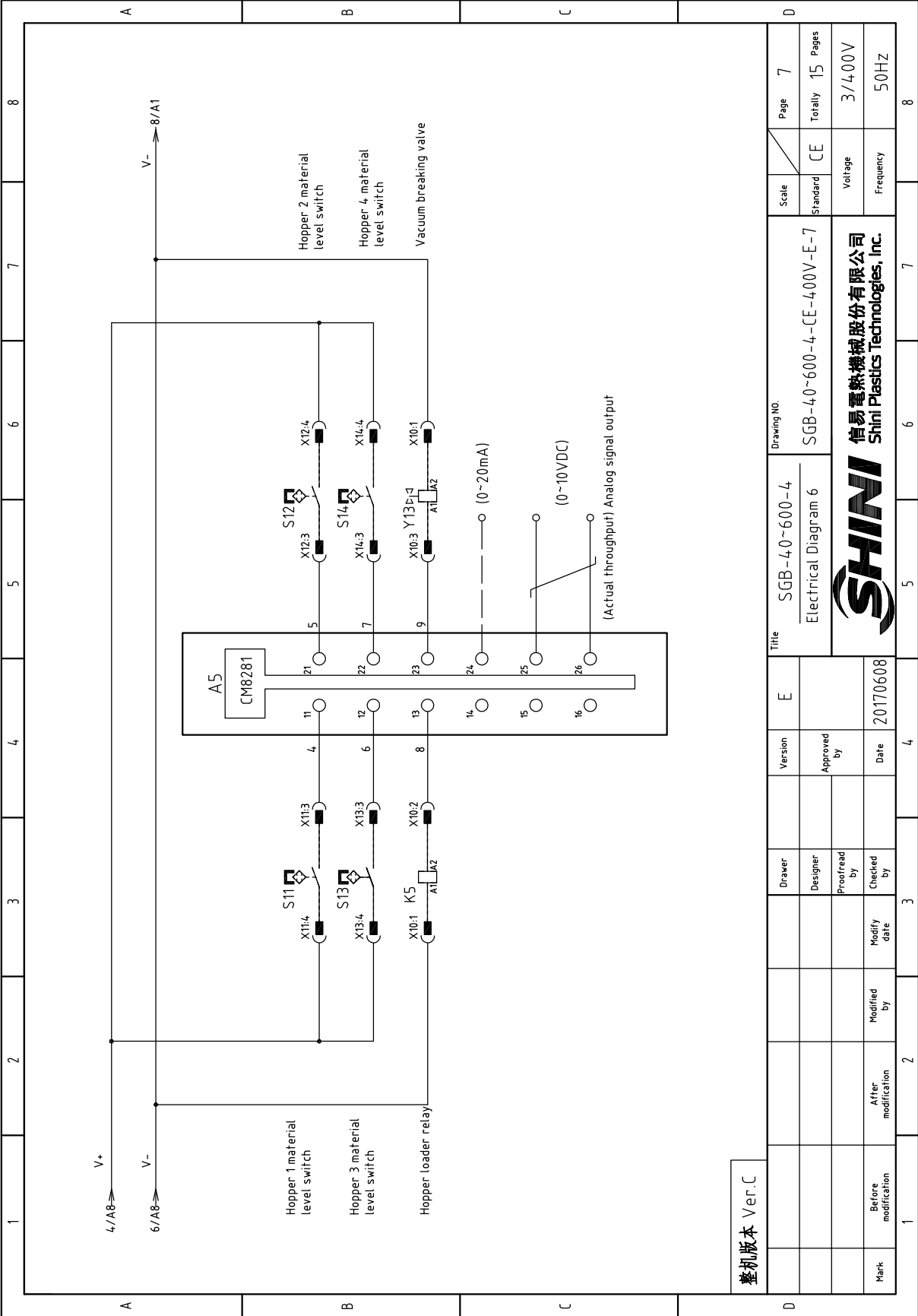
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Title		Drawing NO.		Scale	Page	7
SGB-40~600-4		SGB-40~600-4-CE-400V-E-7		Standard	Totally	15 Pages
Electrical Diagram 6				CE	Voltage	3/400V
					Frequency	50Hz
Version		E		SHINI 信易电热机械股份有限公司 Shini Plastics Technologies, Inc.		
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1		2		3		4		5		6		7		8	
N0.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark							
1	Q1	Main switch	MOELLER	T0-2-1/EA/SVB	16A	1	YE10021160000								
2	Q2	Circuit breakers	TECO	BM-63C 3P	6A	1	YE40300603000								
3	S2 S3	Capacitive proximity switch	IFM	KI 5082	10~36VDC	2	YE15508200000	(1)							
4	S7~S10	Capacitive proximity switch	IFM	KI 5082	10~36VDC	4	YE15508200000	(1) (2)							
5	S5	Safety switch	SCHMERSRC	AZ152VK-1476	AC-15	1	YE16147600100	(1)							
6	S6	Pressure switch	FOX	K4SA02	1~12KG	1	YE15401000000	(1)							
7	K1	Contactors	SIEMENS	3RT6015-1AN21	230V 50/60Hz	1	YE00601521000								
8	K3	Phase sequence protector	CHAO SHI	ABJ-10W	400V	1	YE03103800000								
9	K2	Middle relay	WEIDMULLER	DRM270024LT	24VDC 12A	1	YE03272400000								
10	F1	Overload relays	SIEMENS	3RU6116-0JB0	0.7-1.0A	1	YE01160700000								
11	FU1	Fuse base	CHINT	RT18-32	2P	1	YE41032200000								
12		Fuse	CHINT	10x38 500V	2A	2	YE46002000100								
13	FU2	Fuse base	YINDA	FS-10	内置250V 2A熔芯	1	YE41001000000								
14	T	Transformer	BAIYUN	IN=400V OUT=230V	800mA	1	YE704023000900								
15	U	DC power	MEAN WELL	S-100-24	+24V 4.5A	1	YE71102400000								
16	CPU,A1~A6	Controller	B&R	----	----	1	YE80024000100								
17	HMI	Human-machine interface	SCHNEIDER	GXU3512	24VDC	1	YE80351200100								
18	H1	Buzzer	SHINI	PK-27A	24VDC 50Hz	1	YE840027000000								
19	H2	Indicator	---	LTE-3051	24VDC 50Hz	1	YE83305100300								
20	BW1 BW2	Dose transducer	VISHAY	LPS	10VDC 2mV/V	2	----	(1)							
21	X1	Terminal	Honeywell	SK2.5	2.5mm ²	8	YE60002503200								
22			----	GK2.5PE	2.5mm ² PE	4	YE60002503400								
23	X2	Terminal		SK2.5-TL	250V 2.5	7	YE60002503600								
24	X2	Terminal		SK2.5-TL	250V 2.5	2	YE60002503600	(2)							
25	X3			SK2.5-TL	250V 2.5	4	YE60002503600								
整机版本 Ver.C									Note: (1) means not part of control box. (2)stands for optional						
				D		Drawing NO.		Scale		Page					
						SGB-40-4		SGB-40-4-CE-400V-E-10		CE		10			
						Electrical Components List 1		Standard		Voltage		15			
								Frequency		3/400V		50Hz			
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								Version		E		4			
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						Proofread by		Checked by		Modified by		3			
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1		2		3		4		5		6		7		8	
N0.	Symbol	Name		Manufacturer		Type	Specification		Number	Material number		Remark			
26	X3					SK2.5-TL	250V 2.5		4	YE60002503600		(2)			
27	X5	Terminal		----		SK2.5	2.5mm ²		6	YE60002503200					
28	X11-X14	Heavy duty plug-in		SIBAS		HA-004-F	4P 10A		4	YE60000040000					
29	X10 X15	Heavy duty plug-in		SIBAS		HDC-HQ-005	5P 10A		2	YE68000500000		A			
30	WS	Communication cable		SHINI		----	1.5M 0.5×5C+ 9pin 母头串口		1	----					
31	FM	Cooling fan		----		----	220~230VAC 50/60HZ		1	YM60121200400		(1)			
32	M1	Mixing motor		----		0.25kW	400V 50/60Hz		1	----		(1)			
33	Y1 Y3~Y6	Solenoid valve		FESTO		----	24VDC		5	----		(1)			
34	Y2	Solenoid valve		FESTO		----	24VDC		1	----		(1)			
35	Y7~Y8	Solenoid valve		FESTO		----	24VDC		2	----		(1)(2)			
36		Power cable		----		----	2.5mm ² ×4C		4M	BE51250400450		B			
37		Motor cable		----		----	1.5mm ² ×4C		1.5M	YE50150400000		(1)			
38	WS1	Ethernet line		----		----	----		1.0M	YE90000101600					
		Ethernet connector		----		RJ45F71	----		1	YE64457100000					

1		2		3		4		5		6		7		8															
N0.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark																					
1	Q1	Main switch	MOELLER	TO-2-1/EA/SVB	16A	1	YE10021160000																						
2	Q2	Circuit breakers	TECO	BM-63C 3P	6A	1	YE40300603000																						
3	S2 S3	Capacitive proximity switch	IFM	KI 5082	10~36VDC	2	YE15508200000	(1)																					
4	S7~S10	Capacitive proximity switch	IFM	KI 5082	10~36VDC	4	YE15508200000	(1) (2)																					
5	S5	Safety switch	SCHMERSRC	AZ152VK-1476	AC-15	1	YE16147600100	(1)																					
6	S6	Pressure switch	FOX	K4SA02	1~12KG	1	YE15401000000	(1)																					
7	K1	Contactors	SIEMENS	3RT6015-1AN21	230V 50/60Hz	1	YE00601521000																						
8	K3	Phase sequence protector	CHAOSHI	ABJ-10W	400V	1	YE03103800000																						
9	K2	Middle relay	WEIDMULLER	DRM270024LT	24VDC 12A	1	YE03272400000																						
10	K4	Relay	CARLO GAVAZZI	RS1A40D40E	20~48VDC	1	YE03404000000	(2)																					
11	F1	Overload relays	SIEMENS	3RU6116-0JB0	0.7~1.0A	1	YE01160700000	B																					
12	FU1	Fuse base	CHINT	RT18-32	2P	1	YE41032200000																						
13		Fuse	CHINT	10x38 500V	2A	2	YE46002000100																						
14	FU2	Fuse base	YINDA	FS-10	内置250V 2A熔芯	1	YE41001000000																						
15	T	Transformer	BAIYUN	IN=400V OUT=230V	800mA	1	YE70402300900																						
16	U	DC power	MEAN WELL	S-100-24	+24V 4.5A	1	YE71102400000																						
17	CPU,A1~A6	Controller	B&R	----	----	1	YE80024000100																						
18	HMI	Human-machine interface	SCHNEIDER	GXU3512	24VDC	1	YE80351200100																						
19	H1	Buzzer	SHINI	PK-27A	24VDC 50Hz	1	YE84002700000	C																					
20	H2	Indicator	---	LTE-30S1	24VDC 50Hz	1	YE83305100300																						
21	BW1 BW2	Dose transducer	VISHAY	LPS	10VDC 2mV/V	2	----	(1)																					
22	X1	Terminal	Honeywell	SK2.5	2.5mm ²	8	YE60002503200																						
23			----	GK2.5PE	2.5mm ² PE	4	YE60002503400																						
24	X2	Terminal		SK2.5-TL	250V 2.5	7	YE60002503600																						
25	X2	Terminal		SK2.5-TL	250V 2.5	2	YE60002503600	(2)																					
整机版本 Ver.C															Note: (1) means not part of control box. (2)stands for optional														
D															Drawing NO.														
															Title SGB-200-4														
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															信易电热机械股份有限公司 Shini Plastics Technologies, Inc.														
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															50Hz														

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1		2		3		4		5		6		7		8	
N0.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark							
1	Q1	Main Switch	MOELLER	TO-2-1/EA/SVB	16A	1	YE10021160000								
2	Q2	Circuit-Breakers	TECO	BM-63C 3P	6A	1	YE40300603000								
3	S2 S3	Capacitive proximity switch	IFM	KI 5082	10~36VDC	2	YE15508200000	(1)							
4	S7~S10	Capacitive proximity switch	IFM	KI 5082	10~36VDC	4	YE15508200000	(1) (2)							
5	S5	Safety switch	SCHMERSRC	AZ152VK-1476	AC-15	1	YE16147600100	(1)							
6	S6	Pressure switch	FOX	K4SA02	1~12KG	1	YE15401000000	(1)							
7	K1	Contactors	SIEMENS	3RT6015-1AN21	230V 50/60Hz	1	YE00601521000								
8	K3	Phase sequence protector	CHAO SHI	ABJ-10W	400V	1	YE03103800000								
9	K2	Middle relay	WEIDMULLER	DRM270024LT	24VDC 12A	1	YE03272400000								
10	K4	Relay	CARLO GAVAZZI	RS1A40D40E	20~48VDC	1	YE03404000000	(2)							
11	F1	Overload Relays	SIEMENS	3RU6116-1BB0	14~2A	1	YE01160140000								
12	FU1	Fuse base	CHINT	RT18-32	2P	1	YE41032200000								
13		Fuse	CHINT	10x38 500V	2A	2	YE46002000100								
14	FU2	Fuse base	YINDA	FS-10	内置250V 2A熔芯	1	YE41001000000								
15	T	Transformer	BAIYUN	IN=400V OUT=230V	800mA	1	YE70402300900								
16	U	DC power	MEAN WELL	S-100-24	+24V 4.5A	1	YE71102400000								
17	CPU,A1~A6	Controller	B&R	----	----	1	YE80024000100								
18	HMI	Human-machine interface	SCHNEIDER	GXU3512	24VDC	1	YE80351200100								
19	H1	Buzzer	SHINI	PK-27A	24VDC 50Hz	1	YE84002700000								
20	H2	Indicator	---	LTE-3051	24VDC 50Hz	1	YE83305100300								
21	BW1 BW2	Dose transducer	VISHAY	LPS	10VDC 2mV/V	2	----	(1)							
22	X1	Terminal	Honeywell	SK2.5	2.5mm ²	8	YE60002503200								
23			----	GK2.5PE	2.5mm ² PE	4	YE60002503400								
24	X2	Terminal		SK2.5-TL	250V 2.5	7	YE60002503600								
25	X2	Terminal		SK2.5-TL	250V 2.5	2	YE60002503600	(2)							
整机版本 Ver.C									Note: (1) means not part of control box. (2)stands for optional						
D		Title		SGB-600-4		Drawing NO.		SGB-600-4-CE-400V-E-14		Scale		Page		14	
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		SHINI								Voltage		3/400V			
Mark		Before modification		After modification		Modified by		Modify date		Checked by		Date		20170608	
										Version		E			
										Drawer		Designer		Proofread by	
										Approved by					
										Date					
										Frequency		50Hz			

1		2	3	4	5	6	7	8
NO.		Symbol	Name	Manufacturer	Type	Specification	Number	Material number
A	26	X3			SK2.5-TL	250V 2.5	4	YE60002503600
	27	X3			SK2.5-TL	250V 2.5	4	YE60002503600
	28	X5	Terminal	----	SK2.5	2.5mm ²	6	YE60002503200
	29	X11-X14	Heavy duty plug-in	SIBAS	HA-004-F	4P 10A	4	YE60000040000
	30	X10 X15	Heavy duty plug-in	SIBAS	HDC-HQ-005	5P 10A	2	YE68000500000
B	31	W/S	Communication cable	SHINI	----	1.5M 0.5×5C+ 9pin 母头串口	1	----
	32	FM	Cooling fan	----	----	220~230VAC 50/60HZ	1	YM60121200400
	33	M1	Mixing motor	----	0.55kW	400V 50/60Hz	1	----
	34	M2	Motor	----	0.015kW	230V 50/60Hz	1	----
	35	Y1 Y3-Y6	Solenoid valve	FESTO	----	24VDC	5	----
C	36	Y2	Solenoid valve	FESTO	----	24VDC	1	----
	37	Y7-Y8	Solenoid valve	FESTO	----	24VDC	2	----
	38		Power cable	----	----	2.5mm ² ×4C	4M	BE51250400450
	39		Motor cable	----	----	1.5mm ² ×4C	1.5M	YE50150400000
	40	WS1	Ethernet line	----	----	----	1.0M	YE90000101600
D			Ethernet connector	----	RJ45F71	----	1	YE64457100000
整机版本 Ver.C		Note: (1) means not part of control box. (2)stands for optional						
		Drawer	Version	E	Title	SGB-600-4	Drawing NO.	Scale
		Designer	Approved by		Electrical Components List 2		SGB-600-4-CE-400V-E-15	Standard
		Proofread by			 信易电热机械股份有限公司 Shini Plastics Technologies, Inc.		CE	
		Checked by	Date	20170608			Voltage	
Mark	Before modification	After modification	Modified by	Modify date			Frequency	
1	2	3	4	5	6	7	8	
								Page 15
								Totally 15 Pages
								3/400V
								50Hz