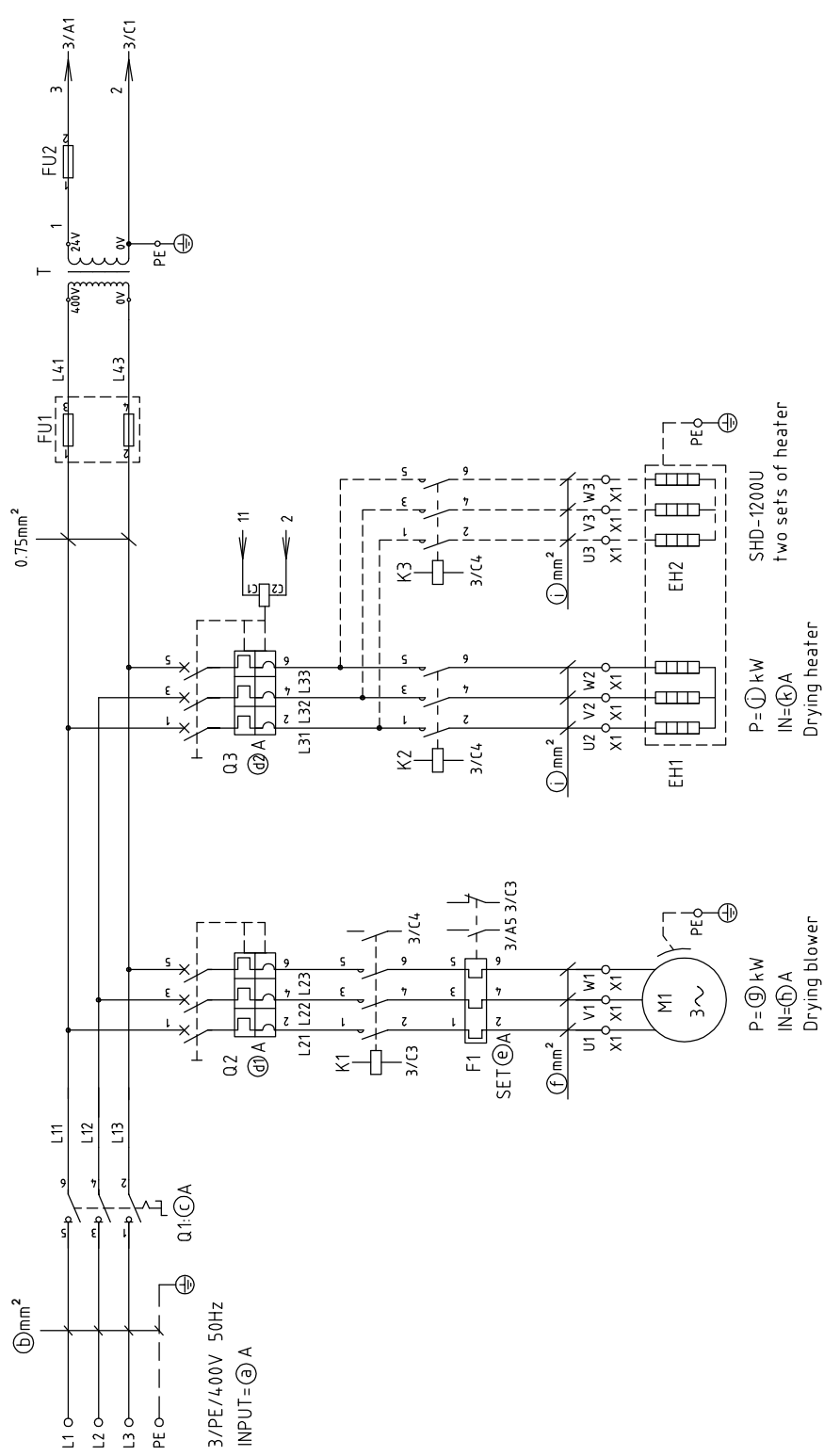


- (a) Total input current
- (b) Main power wire dia.
- (c) Main power switch
- (d) Drying blower circuit breaker
- (e) Default drying blower overload relay
- (f) Drying blower wire dia.
- (g) Drying heater breaker
- (h) Drying blower current
- (i) Heater wire dia.
- (j) Heater power
- (k) Heater current

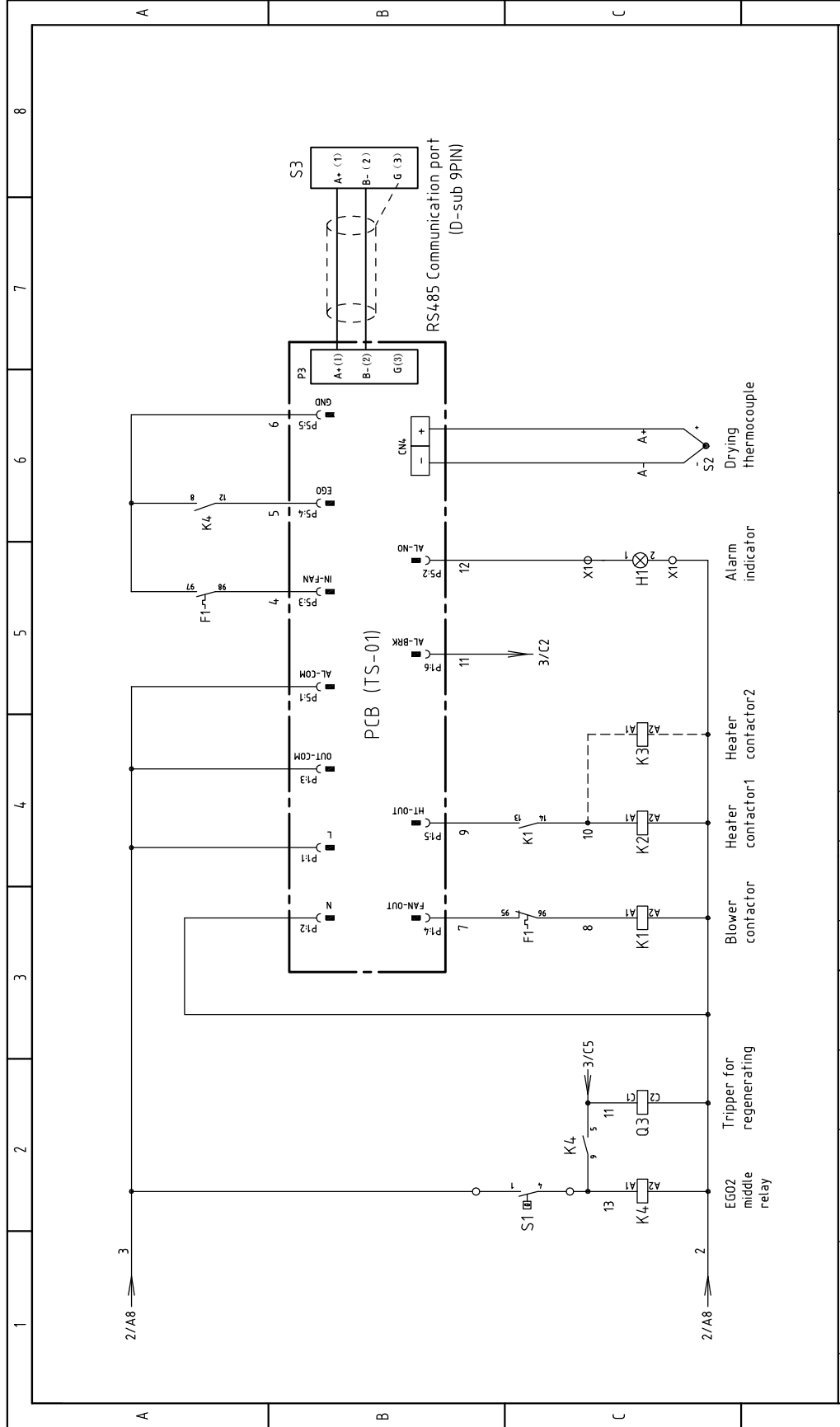
Mode	Symbol	Ver.	(a)	(b)	(c)	(d)	(d1)	(d2)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
SHD-20U		Ver.B	3.5	2.5	16	6	6	10	0.18	1.5	0.05	0.18	2.5	2.2	3.3
SHD-40U		Ver.C	4.9	2.5	16	6	6	10	0.4	1.5	0.12	0.4	2.5	3.0	4.5
SHD-80U		Ver.C	6.3	2.5	16	6	6	10	0.4	1.5	0.12	0.4	2.5	3.9	5.9
SHD-120U		Ver.C	6.3	2.5	16	6	6	10	0.4	1.5	0.12	0.4	2.5	3.9	5.9
SHD-160U		Ver.B	9.4	2.5	16	6	6	16	0.4	1.5	0.12	0.4	2.5	6.0	9.0
SHD-230U		Ver.B	9.4	2.5	16	6	6	16	0.4	1.5	0.12	0.4	2.5	6.0	9.0
SHD-300U		Ver.B	18.5	4.0	25	6	6	25	0.5	1.5	0.18	0.5	4.0	12.0	18.0
SHD-450U		Ver.B	18.5	4.0	25	6	6	25	0.5	1.5	0.18	0.5	4.0	12.0	18.0
SHD-600U		Ver.B	28.2	6.0	32	6	6	40	1.2	1.5	0.55	1.13	6.0	18.0	27.0
SHD-750U		Ver.B	28.2	6.0	32	6	6	40	1.2	1.5	0.55	1.13	6.0	18.0	27.0
SHD-900U		Ver.C	28.2	6.0	32	6	6	40	1.2	1.5	0.55	1.13	6.0	18.0	27.0
SHD-1200U		Ver.C	38.5	10.0	63	6	6	50	2.5	1.5	1.1	2.5	4.0	12.0x2	18x2

Title		Version		Drawing NO.		Scale		Page	
SHD-20-1200U		G		SHD-U-CE-400V-G-1		Standard		Page 1	
Parameter List of Circuit Diagram		Approved by		SHINI		Voltage		Totally 12 Pages	
SHINI		Date		Shini Plastics Technologies, Inc.		Frequency		400V	
20170721		20170721		5		18x2		50HZ	
Mark		Before modification		After modification		1		8	



Mark	Before modification	After modification	Modify date	Checked by	20170721	Date	20170721	Date	20170721	Date	20170721
Designer				Approved by		Version	G	Title	SHD-20-12000 Main Circuit Diagram	Drawing NO.	SHD-U-CE-400V-G-2
Scale	Standard	CE	Page	2	Totally	12	Pages	400V	Voltage	50Hz	Frequency

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 Shini Plastics Technologies, Inc.



Title		Drawing No.		Scale	Page
SHD-20-1200U		SHD-U-CE-400V-G-3		Standard	Totally 12
Control Circuit Diagram				CE	Pages
				Voltage	400V
				Frequency	50HZ
Version		G			
Drawer	Designer	Proofread by	Approved by		
				Before modification	After modification
		Modify date	Date	20170721	
Mark					
1		2		3	
4		5		6	
7		8			



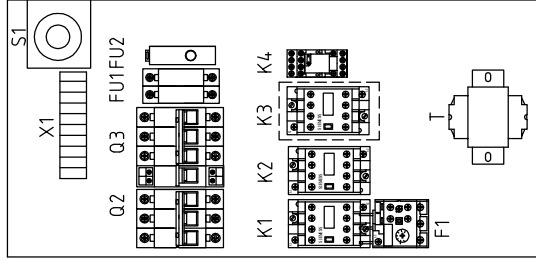
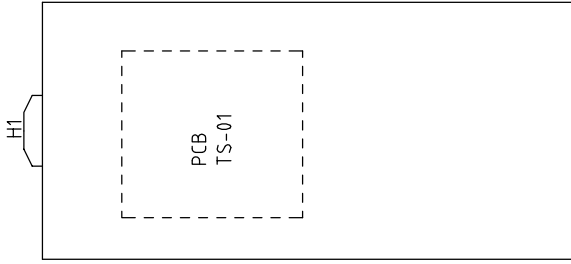
1 2 3 4 5 6 7 8

A

B

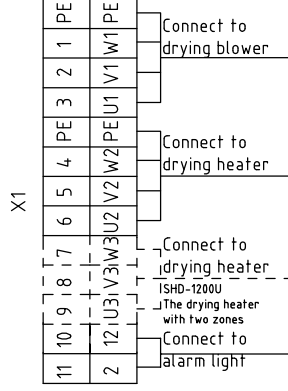
C

D



Panel

Control box



Title		SHD-20-1200U		Drawing NO.		SHD-U-CE-400V-G-4		Scale		Page 4	
Electrical Components Layout								Standard		CE	
								Voltage		4.00V	
								Frequency		50HZ	
Mark		Before modification		After modification		Modify date		Checked by		Date	
								Approved by		Date	
								Version		G	
								Drawer			
								Designer			
								Proofread by			
								Checked by		20170721	


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1 2 3 4 5 6 7 8

B

C

D

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/16A	16A 3P 690V 50/60Hz	1	YE10021160000								
2	Q3	Circuit-breaker	TECO	BM-63C/3010S	10A 3P	1	YE40301003000								
3		Excitation release	CHINT	MX	24V AC	1	YE40024000000								
4	Q2	Circuit-breaker	TECO	BM-63C/3006S	6A 3P	1	YE40300603000								
5	K1	Contact	SIEMENS	3RT6015-1AB01	7A 3P 1NO 24V AC	1	YE00601502500								
6	K2	Contact	SIEMENS	3RT6015-1AB01	7A 3P 24V AC	1	YE00601502500								
7	K4	Middle relay	HONEYWELL	GR-2C-AC24V配座 PGR-2C-E	24V 50/60Hz	1	YE03022400300								
8	F1	Overload relay	SIEMENS	3RU6116-0CB0	0.18-0.25A 690V 50/60Hz	1	YE01618200000								
9	FU1	Fuse base	CHINT	RT28-32	2P/32A/500V/10x38	1	YE41032200000								
10		Fuse core	CHINT	10x38 500V/gG型	2A	2	YE46002000100								
11	FU2	Fuse	YINDA	FS-10	6x30mm 2A 250V	1	YE41001000000/YE46630200000								
12	T	Transformer	BAIYUN	--	IN=400V OUT=24V 80VA	1	YE70040005900								
13	PCB	PCB	YUYUN	TS-012xVAC(include communicator)	24V 50/60Hz	1	YE80012400400								
14		Control box SSMD(SHD-40U-C-02)ABS-PC(30%)				1	YR40400200000								
15		Lampshade(SIC-015)/Dust-proof washer of lampshade 44.8MMx13.6MMx1MM		<b>3M PC9448-8Y</b>		1	YR90441300000/YR90044800000								
16		Panel for SHD20U-1200U(Ch&Eng.)Version sickness >65MV/Pressing plate of		display screen for SHD-80U-A-43(88x53x0.3x1.0) 0		1	YR01000000100/YR90000003300								
17	S1	Temperature protector	EGO	--	115-320 °C	1	BH90115000150								
18	S2	Thermocouple	SHINI	K TYPE	--	1	----	(1)							
19	H1	Alarm indicator	SHINI	LED-3051紅白色	24V AC	1	YE83305100900								
20	X1	Terminal		--	4mm <sup>2</sup>	6	YE61040000000								
21					4mm <sup>2</sup> PE	2	YE61043500000								
22					2.5mm <sup>2</sup>	2	YE61250040000								
23	M1	Blower	--	--	0.05kW	1	----	(1)							
24	EH1	Heater	SHINI	--	2.2kW	1	----	(1)							
25	S3	Communication interface board RS-485 (double Dsub-9pin connector)				1	YE90048501200								
<b>版本 Ver.B</b> Notes: (1)Means it's not the material inside the control box.															
				Drawer	Version	G	Title		Drawing NO.		Scale	Page	5		
				Designer	Approved by		SHD-20U		SHD-U-CE-400V-G-5		Standard	CE	Voltage		400V
				Proofread by			Electrical Components List						Frequency		50Hz
				Checked by	Date	20170721	 <b>信易電機機械股份有限公司</b> <b>Shini Plastics Technologies, Inc.</b>						Totally		12
				Modified by	Modify date								Pages		8
				Before modification									Page		8
				After modification									Page		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	T0-2-1/EA/SVB/16A	16A 3P 690V 50/60Hz	1	YE10021160000		
2	Q3	Circuit-breaker	TECO	BM-63C/3010S	10A 3P	1	YE40301003000		
3		Excitation release	CHINT	MX	24V 50/60Hz	1	YE40024000000	A	
4	Q2	Circuit-breaker	TECO	BM-63C/3006S	6A 3P	1	YE40300603000		
5	K1	Contact	SIEMENS	3RT6015-1AB01	7A 3P 1NO 24V AC	1	YE00601502500		
6	K2	Contact	SIEMENS	3RT6016-1AB01	9A 3P 24V AC	1	YE00601602500		
7	K4	Middle relay	HONEYWELL	GR-2C-AC24V配産 PGR-2C-E	24V 50/60Hz	1	YE03022400300		
8	F1	Overload relay	SIEMENS	3RU6116-0FB0	0.35-0.5A 690V 50/60Hz	1	YE01161350000		
9	FU1	Fuse base	CHINT	RT28-32	2P/32A/500V/10x38	1	YE41032200000		
10		Fuse core	CHINT	10x38 500V/gG型	2A	2	YE46002000100		
11	FU2	Fuse	YINDA	FS-10	6x30mm 2A 250V	1	YE41001000000/YE46630200000	B	
12	T	Transformer	BAIYUN	--	IN=400V OUT=24V 80VA	1	YE70040005900		
13	PCB	PCB	YUYUN	TS-012x(VAC)(include communication)	24V 50/60Hz	1	YE80012400400		
14		Control box SSMD(SHD-40U-C-02)ABS+PC(30%)				1	YR40400200000		
15		Lampshade(SIC-015)/Dust-proof washer of lampshade 44.8MMx13.6MMx1MM				1	YR90441300000/YR90044800000		
16		Panel for SHD20U-1200U(Ch&Eng.)Version sickness >65N/Pressing plate of display screen for SHD-80U-A-43(88+53x0.3x10.10)				1	YR01000000100/YR90000003300		
17	S1	Temperature protector	EGO	--	115-320 °C	1	BH90115000150		
18	S2	Thermocouple	SHINI	K TYPE	--	1	----	(1)	
19	H1	Alarm indicator	SHINI	LED-3051紅白色	24V AC	1	YE83305100900	C	
20	X1	Terminal		--	4mm <sup>2</sup>	6	YE61040000000		
21					4mm <sup>2</sup> PE	2	YE6104-3500000		
22					2.5mm <sup>2</sup>	2	YE61250040000		
23	M1	Blower	--	--	0.12kW	1	----	(1)	
24	EH1	Heater	SHINI	--	3.0kW	1	----	(1)	
25	S3	Communication interface board RS-485 (double Dsub-9pin connector)				1	YE90048501200		
版本Ver.C									
Notes: (1)Means it's not the material inside the control box.									
				Version	Drawing NO.		Page		
				Designer	SHD-40U		Scale	6	
				Approved by	Electrical Components List		Standard	CE	
				Proofread by	SHD-U-CE-400V-G-6		Voltage		
				Checked by	SHINI		Frequency		
				Modify date	20170721		400V		
				Before modification			50Hz		
				After modification					
				SHINI		Shini Plastics Technologies, Inc.			
				SHD-U-CE-400V-G-6		Voltage		400V	
				SHINI		Frequency		50Hz	
				20170721		Totally		12	
						Page		6	
						Standard		CE	
						Voltage		400V	
						Frequency		50Hz	
						Totally		12	
						Page		6	

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/16A	16A 3P 690V 50/60Hz	1	YE10021160000	
2	Q3	Circuit-breaker	TECO	BM-63C/3010S	10A 3P	1	YE40301003000	
3		Excitation release	CHINT	MX	24V 50/60Hz	1	YE40024000000	A
4	Q2	Circuit-breaker	TECO	BM-63C/3006S	6A 3P	1	YE40300603000	
5	K1	Contactor	SIEMENS	3RT6015-1AB01	7A 3P 1NO 24V AC	1	YE00601502500	
6	K2	Contactor	SIEMENS	3RT6017-1AB01	12A 3P 24V AC	1	YE00601702500	
7	K4	Middle relay	HONEYWELL	GR-2C-AC24V配座 PGR-2C-E	24V 50/60Hz	1	YE03022400300	
8	F1	Overload relay	SIEMENS	3RU6116-0FB0	0.35-0.5A 690V 50/60Hz	1	YE01161350000	
9	FU1	Fuse base	CHINT	RT28-32	2P/32A/500V/10x38	1	YE41032200000	
10		Fuse core	CHINT	10x38 500V/gG型	2A	2	YE46002000100	
11	FU2	Fuse	YINDA	FS-10	6x30mm 2A 250V	1	YE41001000000/YE46630200000	B
12	T	Transformer	BAIYUN	--	IN=400V OUT=24V 80VA	1	YE700400005900	
13	PCB	PCB	YUYUN	TS-0124VAC(include communication)	24V 50/60Hz	1	YE80012400400	
14		Control box SSM(SHD-400-C-02)ABS-PC(30%)				1	YR40400200000	
15		Lampshade(SIC-015)/Dust-proof washer of lampshade 44.8mmx13.6mmx1MM				1	YR90441300000/YR90044800000	
16		Panel for SHD20U-1200U(Ch&Eng.)Version sickness >65W/Pressing plate of display screen for SHD-80U-A-43(88±0.3x10.0				1	YR01000000100/YR90000003300	
17	S1	Temperature protector	EGO	---	115-320 °C	1	BH90115000150	
18	S2	Thermocouple	SHINI	K TYPE	--	1	----	(1)
19	H1	Alarm indicator	SHINI	LED-305(紅)白色	24V AC	1	YE83305100900	C
20	X1	Terminal		--	4mm <sup>2</sup>	6	YE61040000000	
21					4mm <sup>2</sup> PE	2	YE61043500000	
22					2.5mm <sup>2</sup>	2	YE61250040000	
23	M1	Blower	--	--	0.12kW	1	----	(1)
24	EH1	Heater	SHINI	--	3.9kW	1	----	(1)
25	S3	Communication interface board RS-485 (double Dsub-9pin connector)		--	--	1	YE90048501200	
版本Ver.C								
Notes: (1)Means it's not the material inside the control box.								
				Version	Drawing NO.		Scale	Page 7
				Designer	SHD-80U/120U		Standard	Totally 12
				Proofread by	Electrical Components List		CE	Pages
				Approved by	SHD-U-CE-400V-G-7		Voltage	400V
				Checked by	SHINI		Frequency	50Hz
				Date	20170721			
Mark	Before modification	Modified by	Modify date					
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/16A	16A 3P 690V 50/60Hz	1	YE10021160000	
2	Q3	Circuit-breaker	TECO	BM-63C/3016S	16A 3P	1	YE40301603000	
3		Excitation release	CHINT	MX	24V 50/60Hz	1	YE40024000000	A
4	Q2	Circuit-breaker	TECO	BM-63C/3006S	6A 3P	1	YE40300603000	
5	K1	Contact	SIEMENS	3RT6015-1AB01	7A 3P 1NO 24V AC	1	YE00601502500	
6	K2	Contact	SIEMENS	3RT6018-1AB01	16A 3P 24V AC	1	YE00601802500	
7	K4	Middle relay	HONEYWELL	GR-2C-AC24V配座 PGR-2C-E	24V 50/60Hz	1	YE03022400300	
8	F1	Overload relay	SIEMENS	3RU6116-0FB0	0.35-0.5A 690V 50/60Hz	1	YE01161350000	
9	FU1	Fuse base	CHINT	RT28-32	2P/32A/500V/10x38	1	YE41032200000	
10		Fuse core	CHINT	10x38 500V/gG型	2A	2	YE46002000100	
11	FU2	Fuse	YINDA	FS-10	6x30mm 2A 250V	1	YE41001000000/YE46630200000	B
12	T	Transformer	BAIYUN	--	IN=400V OUT=24V 80VA	1	YE70040005900	
13	PCB	PCB	YUYUN	TS-012(VAC)(include communication)	24V 50/60Hz	1	YE80012400400	
14		Control box SSM(SHD-40U-C-02)ABS+PC(30%)				1	YR40400200000	
15		Lampshade(SIC-015)/Dust-proof washer of lampshade 44.8MMx13.6MMx1MM				1	YR90441300000/YR90044800000	
16		Panel for SHD20U-1200U(Ch&Eng)Version sicknass >65N/Pressing plate of display screen for SHD-80U-A-43188x53x10x10				1	YR01000000100/YR900000003300	
17	S1	Temperature protector	EGO	--	115-320 °C	1	BH90115000150	
18	S2	Thermocouple	SHINI	K TYPE	--	1	----	(1)
19	H1	Alarm indicator	SHINI	LED-305紅白色	24V AC	1	YE83305100900	C
20	X1	Terminal		--	4mm <sup>2</sup>	6	YE61040000000	
21					4mm <sup>2</sup> PE	2	YE61043500000	
22					2.5mm <sup>2</sup>	2	YE61250040000	
23	M1	Blower	--	--	0.12kW	1	----	(1)
24	EH1	Heater	SHINI	--	6kW	1	----	(1)
25	S3	Communication interface board RS-485 (double Dsub-9pin connector)		--	--	1	YE90048501200	
版本Ver.B Notes: (1)Means it's not the material inside the control box.								
				Version	Title		Drawing NO.	
				Designer	SHD-160U/230U		SHD-U-CE-400V-G-8	
				Approved by	Electrical Components List		Standard CE	
				Proofread by			Voltage 400V	
				Checked by	20170721		Frequency 50Hz	
				Modify date			Totally 12 Pages	
				Before modification			Page 8	
				After modification			Page 8	
				Mark			Page 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/25A	25A 3P 690V 50/60Hz	1	YE10125250000	
2	Q3	Circuit-breaker	TECO	BM-63C/3025S	25A 3P	1	YE40302503000	
3		Excitation release	CHINT	MX	24V 50/60Hz	1	YE40024000000	A
4	Q2	Circuit-breaker	TECO	BM-63C/3006S	6A 3P	1	YE40300603000	
5	K1	Contact	SIEMENS	3RT6015-1AB01	7A 3P 1NO 24V AC	1	YE00601502500	
6	K2	Contact	SIEMENS	3RT6027-1AC20	32A 3P 24V AC	1	YE00602702600	
7	K4	Middle relay	HONEYWELL	GR-2C-AC24V配座PGR-2C-E	24V 50/60Hz	1	YE03022400300	
8	F1	Overload relay	SIEMENS	3RU6116-0GB0	0.4-0.63A 690V 50/60Hz	1	YE01161450000	
9	FU1	Fuse base	CHINT	RT28-32	2P/32A/500V/10x38	1	YE41032220000	
10		Fuse core	CHINT	10x38 500V/gG型	2A	2	YE46002000100	
11	FU2	Fuse	YINDA	FS-10	6x30mm 5A 250V	1	YE41001000000/YE46630500100	B
12	T	Transformer	BAIYUN	--	IN=400V OUT=24V 120VA	1	YE70402400700	
13	PCB	PCB/Plastic box	YUYUN	TS-0124VAC(include communication)	24V 50/60Hz	1	YE80012400400/YR40400200000	
14		Lampshade(SC-015)/Dust-proof washer of lampshade 44.8MMx13.6MMx11MM				1	YR90441300000/YR90044800000	
15		Panel for SHD200-1200U(Ch&Eng)/Version sickness <math>\leq 65N</math>/Pressing plate of display screen for SHD-80U-A-4318x53x0.3x1.0) 0				1	YR01000000100/YR900000003300	
16	S1	Temperature protector	EGO	--	115-320 °C	1	BH90115000150	
17	S2	Thermocouple	SHINI	K TYPE	--	1	----	(1)
18	H1	Alarm indicator	SHINI	LED-3051紅白色	24V AC	1	YE83305100900	
19	X1	Terminal		--	4mm <sup>2</sup>	6	YE61040000000	
20				--	4mm <sup>2</sup> PE	2	YE61043500000	
21				--	2.5mm <sup>2</sup>	2	YE61250040000	
22	M1	Blower	--	--	0.18kW	1	----	(1)
23	EH1	Heater	SHINI	--	12kW	1	----	(1)
24	S3	Communication interface board RS-485 (double D-sub-5pin connector)	--	--	--	1	YE90048501200	
25		Shell RS485(SAL-700G-A-19)0	--	--	--	1	YR40048500000	

版本 Ver.B Notes: (1)Means it's not the material inside the control box.

1	2		3	4	5	6	7	8
Mark	Before modification	After modification	Modified by	Modify date	Checked by	Proofread by	Designer	Version
								G
								Approved by
								Date
								20170721
Title					SHD-300U/4.50U			
Drawing NO.					SHD-U-CE-400V-G-9			
Electrical Components List					CE			
Voltage					400V			
Frequency					50Hz			
Scale					Page 9			
Standard					Totally 12 Pages			





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/32A	32A 3P 690V 50/60Hz	1	YE10323200000	
2	Q3	Circuit-breaker	TECO	BM-63C/3040S	40A 3P	1	YE40304003000	
3		Excitation release	CHINT	MX	24V 50/60Hz	1	YE40024000000	A
4	Q2	Circuit-breaker	TECO	BM-63C/3006S	6A 3P	1	YE40300603000	
5	K1	Contact	SIEMENS	3RT6015-1AB01	7A 3P 1NO 24V AC	1	YE00601502500	
6	K2	Contact	SIEMENS	3RT6028-1AC20	38A 3P 24V AC	1	YE00602802600	
7	K4	Middle relay	HONEYWELL	GR-2C-AC24V配座 PGR-2C-E	24V 50/60Hz	1	YE03022400300	
8	F1	Overload relay	SIEMENS	3RU6116-1AB0	11-16A 690V 50/60Hz	1	YE01160110000	
9	FU1	Fuse base	CHINT	RT28-32	2P/32A/500V/10x38	1	YE41032220000	
10		Fuse core	CHINT	10x38 500V/gG型	2A	2	YE46002000100	
11	FU2	Fuse	YINDA	FS-10	6x30mm 5A 250V	1	YE41001000000/YE4663050100	B
12	T	Transformer	BAIYUN	--	IN=400V OUT=24V 120VA	1	YE70402400700	
13	PCB	PCB/Plastic box	YUYUN	TS-01(2xVAC)(include communication)	24V 50/60Hz	1	YE80012400400/YR40400200000	
14		Lampshade(SIC-015)/Dust-proof washer of lampshade 44.8MMx13.6MMx1MM				1	YR90441300000/YR90044800000	
15		Panel for SHD20U-1200U(Ch&Eng)Version sickness >65W/Pressing plate of display screen for SHD-80U-A-43108453x3x10.10				1	YR01000000100/YR90000003300	
16	S1	Temperature protector	EGO	--	115-320 °C	1	BH90115000150	
17	S2	Thermocouple	SHINI	K TYPE	--	1	----	(1)
18	H1	Alarm indicator	SHINI	LED-3051紅白色	24V AC	1	YE83305100900	
19	X1	Terminal		32A	6mm <sup>2</sup>	3	YE61060000000	C
20					6mm <sup>2</sup> PE	1	YE61063500000	
21	X1	Terminal		32A	4mm <sup>2</sup>	3	YE61040000000	
22					4mm <sup>2</sup> PE	1	YE61043500000	
23					2.5mm <sup>2</sup>	2	YE61250040000	
24	M1	Blower	--	--	0.55kW	1	----	(1)
25	EH1	Heater	SHINI	--	18kW	1	----	(1)
版本Ver.C								
Notes: (1)Means it's not the material inside the control box.								
				D	SHD-900U	Scale	Page 11	8
				G	Electrical Components List	Standard	CE	12
				Version	SHD-U-CE-400V-G-11	Voltage	400V	Pages
				Designer	SHINI	Frequency	50Hz	Totally
				Approved by	信易電熱機械股份有限公司	Shini	Shini	Plastics
				Proofread by	Technologies, Inc.	Technologies, Inc.	Technologies, Inc.	Technologies, Inc.
				Checked by	20170721	20170721	20170721	20170721
				Modified by				
				Modify date				
				Before modification				
				After modification				
				1	2	3	4	5
				6	7	8	9	10

