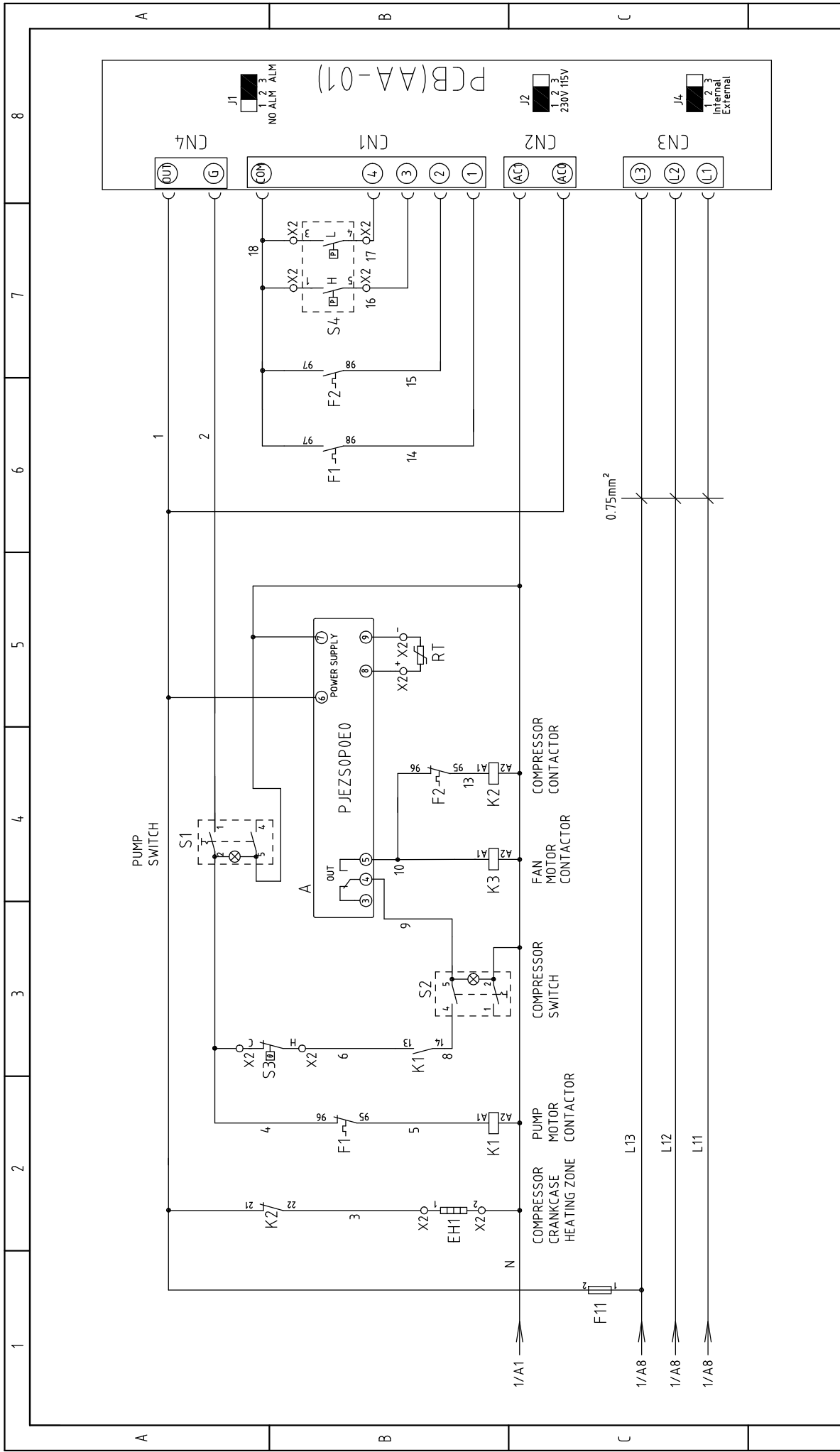
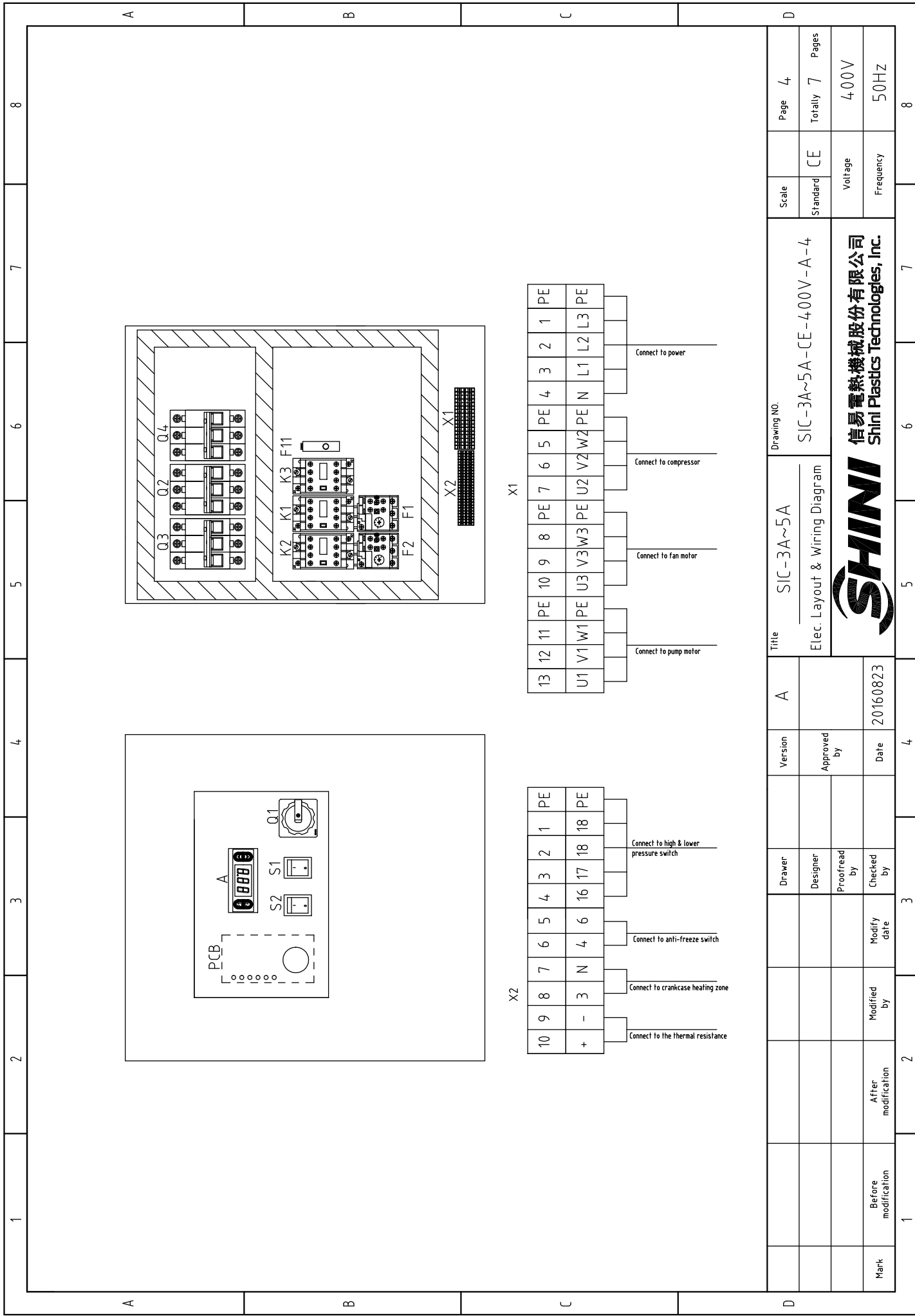


Title		SIC-3A		Drawing NO.		SIC-3A~5A-CE-400V-A-1	
Version		A		Scale		Page 1	
Designer		Approved by		Standard		CE	
Proofread by		Checked by		Voltage		400V	
Modify date		Date		Frequency		50Hz	
After modification		Modified by		Totally		7	
Before modification		Modify date		Pages		8	
Mark		Date		Voltage		400V	
		Date		Frequency		50Hz	

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Drawing NO.															
SIC-3A~5A															
Control Circuit Diagram															
SIC-3A~5A-CE-400V-B-3															
Voltage															
Frequency															
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Page 3															
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Date															
20200119															
Approved by															
Version															
B															
Title															
SIC-3A~5A															
Control Circuit Diagram															
SIC-3A~5A-CE-400V-B-3															
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A B C D

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1 2 3 4 5 6 7 8

A B C D

1 2 3 4 5 6 7 8

A B C D

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A B C D

1 2 3 4 5 6 7 8

Scale	Page	4
Standard	Totally	7
Voltage	Frequency	400V 50HZ

Drawing NO.
SIC-3A~5A-CE-400V-A-4

Title
SIC-3A~5A
Elec. Layout & Wiring Diagram

Version	Approved by	Date
A		20160823

Drawer	Designer	Proofread by	Checked by

Modify date	Modified by

After modification	Modified by

Before modification	Modified by

Mark	After modification	Modified by

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Shini Plastics Technologies, Inc.

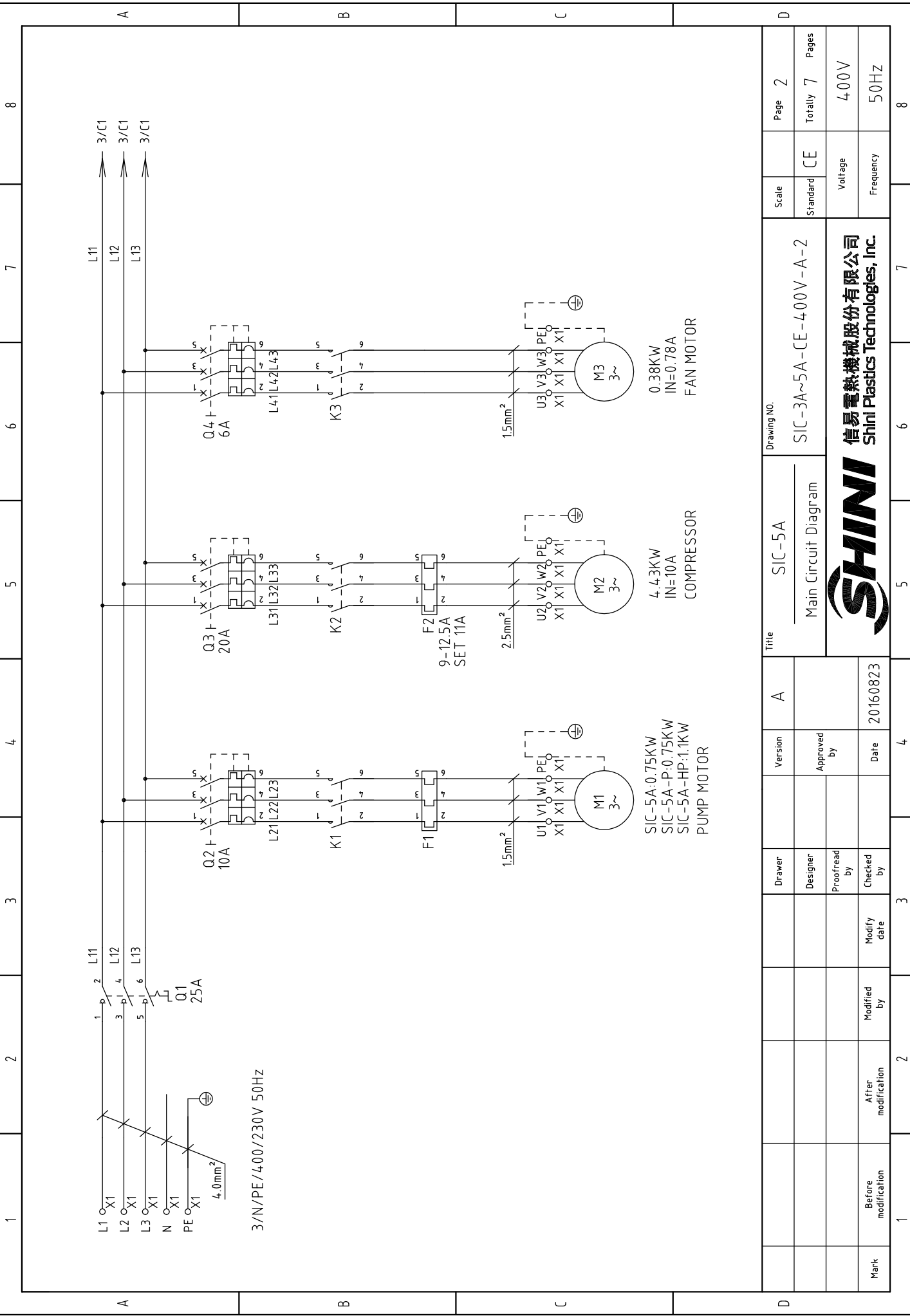


X1	13	12	11	10	9	8	7	6	5	4	3	2	1	PE			
	U1	V1	W1	PE	U3	V3	W3	PE	U2	V2	W2	PE	N	L1	L2	L3	PE

X2	10	9	8	7	6	5	4	3	2	1	PE
	+	-	3	N	4	6	16	17	18	18	PE

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 breaker	TECO	BM-63C 3P	10A	1	YE40301003000	----							
3	Q3	Circuit breaker	TECO	BM-63C 3P	16A	1	YE40301603000	----							
4	Q4	Circuit breaker	TECO	BM-63C 3P	6A	1	YE40300603000	----							
5	K1	Contactor	SIEMENS	3RT16015-1AN21	230V 50/60Hz	1	YE00601521000	----							
6	K2	Contactor	SIEMENS	3RT16017-1AN22	230V 50/60Hz	1	YE00601722000	----							
7	K3	Contactor	SIEMENS	3RT16015-1AN21	230V 50/60Hz	1	YE00601521000	----							
8	A	Temperature controller	CAREL	PJEZ50P0E0	230VAC 50/60Hz	1	YE80000001400	----							
9	RT	Thermal resistance	CAREL	INTC025HP00	----	1	YE10250000000	----							
10	F1	Thermal overload relay	SIEMENS	3RU6116-1CB0	1.8-2.5A	1	YE01160180000	----							
11	F2	Thermal overload relay	SIEMENS	3RU6116-1GB0	4.5-6.32A	1	YE01160450000	----							
12	F11	Fuse	YINDA	FS-10	2A	1	YE41001000000	----							
13	S1 S2	Alternative switch	MOLVETNO	R210-C5LBW 4P	250V 10(I)A 4P WH	2	YE10210400000	----							
14	S3	Anti-frozen switch	PADOIGY	TR/711-N	250V~16(4)A	1	----	(1)							
15	S4	High-Low pressure switch	FENSHEN	P830HLM	H:5-30bar L:~0.7-6bar	1	----	(1)							
16	PCB	Control board	YUYUN	AA-01	230V 50Hz	1	YE80000100000	----							
17	X1	Terminal board	----	2.5mm ²	----	13	YE60002503200	----							
18			----	2.5mm ² PE	----	4	YE61002500500	----							
19	X2	Terminal board	----	2.5mm ²	----	10	YE60002503200	----							
20			----	2.5mm ² PE	----	1	YE61002500500	----							
21	M1	Pump motor	----	----	400V 50Hz	1	See the appendix	(1)							
22	M2	Compressor	----	----	400V 50Hz 2.68KW	1	----	(1)							
23	M3	Fan motor	----	----	400V 50Hz 0.25KW	1	----	(1)							
24	EH1	Crankcase heating zone	----	----	230V 50/60Hz 35W	1	----	(1)							
Note: (1) Materials not in the control box;															
				D		C		Title		Drawing NO.		Scale		Page	
				Version		Elec. Parts List		SIC-3A		SIC-3A~5A-CE-400V-C-5		Standard		Page 5	
				Approved by				Elec. Parts List				CE		Totally 7 Pages	
				Date		20200119						Voltage		400V	
Mark		Before modification		Modified by		Modified date						Frequency		50HZ	
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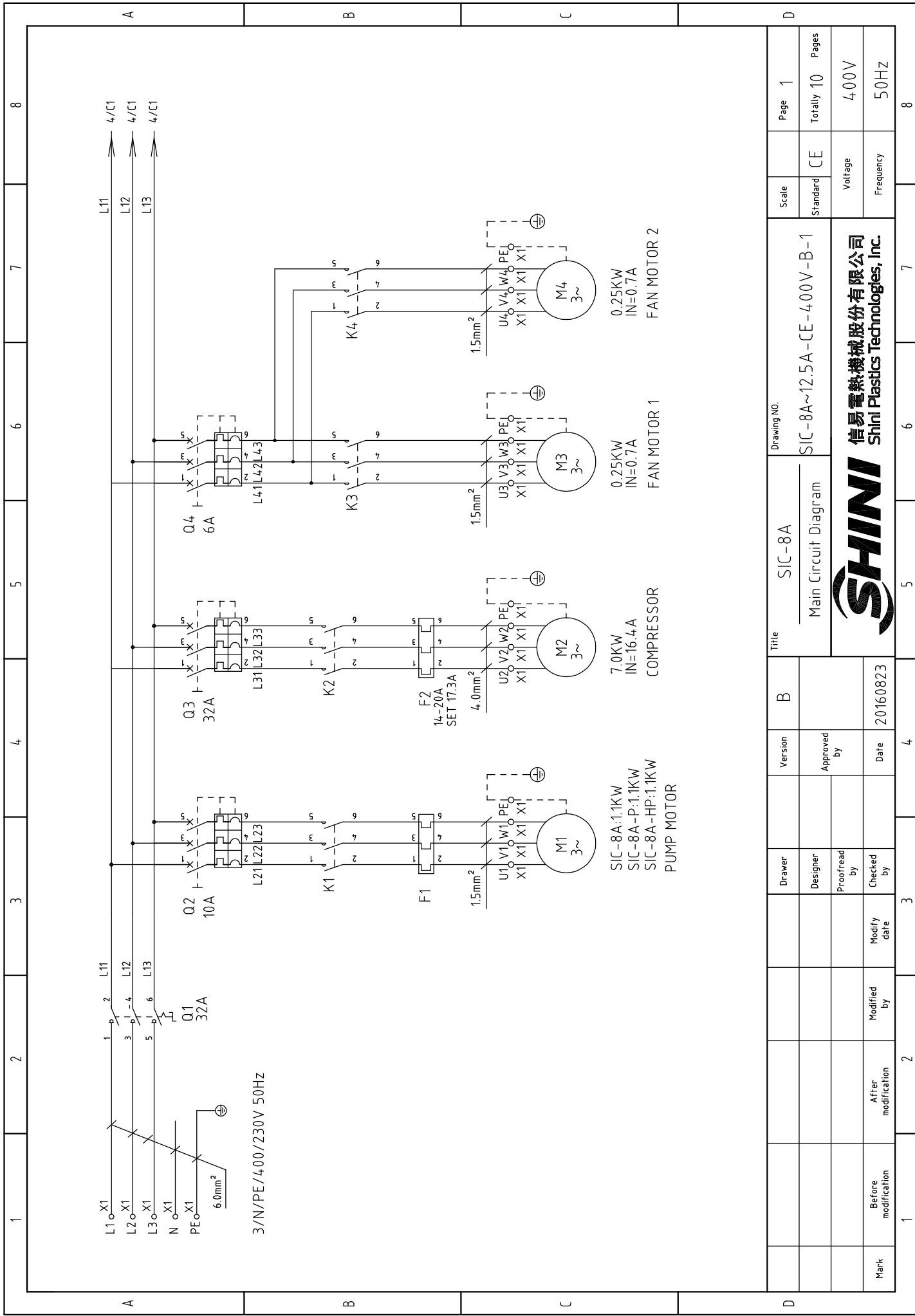




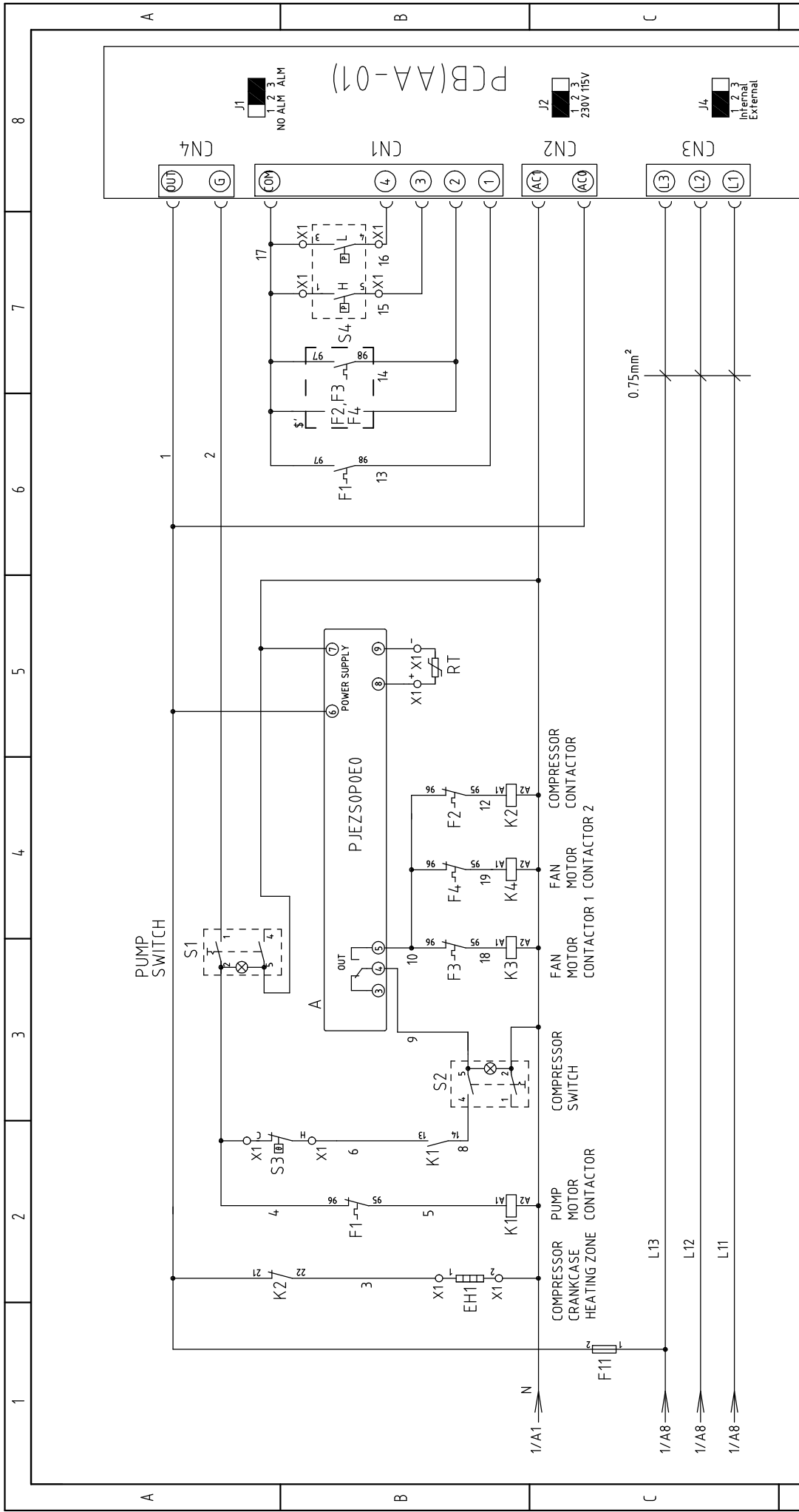
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												Voltage	400V
												Frequency	50HZ
												SHINI 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.	
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1		2		3		4		5		6		7		8	
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark							
1	Q1	Main power switch	EATON	T0-2-1/EA/SVB	25A	1	YE10125250000	----							
2	Q2	Circuit breaker	TECO	BM-63C 3P	10A	1	YE40301003000	----							
3	Q3	Circuit breaker	TECO	BM-63C 3P	20A	1	YE40302003000	----							
4	Q4	Circuit breaker	TECO	BM-63C 3P	6A	1	YE40300603000	----							
5	K1	Contactor	SIEMENS	3RT16015-1AN21	230VAC 50/60Hz	1	YE00601521000	----							
6	K2	Contactor	SIEMENS	3RT16025-1AN20	230VAC 50/60Hz	1	YE00602522000	----							
7	K3	Contactor	SIEMENS	3RT16015-1AN21	230VAC 50/60Hz	1	YE00601521000	----							
8	A	Temperature controller	CAREL	PJEZ50P0E0	230VAC 50/60Hz	1	YE80000001400	----							
9	RT	Thermal resistance	CAREL	NTC025HP00	----	1	YE10250000000	----							
10	F1	Thermal overload relay	SIEMENS	3RU6116-1CB0	1.8-2.5A	1	YE01160180000	----							
11	F2	Thermal overload relay	SIEMENS	3RU6126-1KB0	9-12.5A	1	YE01260900000	----							
12	F11	Fuse	YINDA	FS-10	2A	1	YE41001000000	----							
13	S1 S2	Alternative switch	MOLVETNO	R210-C5LBW 4P	250V~10(5)A 4P WH	2	YE10210400000	----							
14	S3	Anti-frozen switch	PADOIGY	TR/711-N	250V~16(4)A	1	----	(1)							
15	S4	High-Low pressure switch	FENSHEN	P830HLM	H:5-30bar L:-0.7-6bar	1	----	(1)							
16	PCB	Control board	YUYUN	AA-01	230V 50Hz	1	YE80000100000	----							
17	X1	Terminal board	----	2.5mm ²	----	9	YE60002503200	----							
18			----	2.5mm ² PE	----	3	YE61002500500	----							
19			----	4.0mm ²	----	4	YE60000403200	----							
20			----	4.0mm ² PE	----	1	YE61041000000	----							
21	X2	Terminal board	----	2.5mm ²	----	10	YE60002503200	----							
22			----	2.5mm ² PE	----	1	YE61002500500	----							
23	M1	Pump motor	----	----	400V 50Hz	1	See the appendix	(1)							
24	M2	Compressor	----	----	400V 50Hz 4.43KW	1	----	(1)							
25	M3	Fan motor	----	----	400V 50Hz 0.34KW	1	----	(1)							
Note:(1)Materials not in the control box;															
				Drawer		Version		Title		Drawing No.		Scale		Page 6	
				Designer		Approved by		SIC-5A		SIC-3A~5A-CE-400V-C-6		Standard		Page 7	
				Proofread by		Date		Elec. Parts List 1				CE		Voltage	
				Checked by		20200119		SHINI		信易電熱機械股份有限公司		Voltage		400V	
Mark		Before modification		Modified by		Modify date		SHINI		Shini Plastics Technologies, Inc.		Frequency		50Hz	
1		2		3		4		5		6		7		8	

1	2		3	4	5	6	7	8
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark
26	EH1	Crankcase heating zone	----	----	230V 50/60Hz 35W	1	----	(1)
A								
B								
C								
D								
Note:(1)Materials not in the control box;								
			Version	A	Title		Scale	
			Approved by		SIC-5A		Page 7	
			Date	20160823	Elec. Parts List 2		Standard CE	
			Proofread by		Drawing NO.		Voltage 400V	
			Checked by		SIC-3A~5A-CE-400V-A-7		Frequency 50HZ	
			Modify date		信易電熱機械股份有限公司		Totally 7 Pages	
			Modified by		SHINI		Shini Plastics Technologies, Inc.	
			After modification		5		7	
			Before modification		6		8	
			1	2	3	4	5	6



1		2		3		4		5		6		7		8	
A															
B															
C															
D															
Drawing NO. SIC-8A~12.5A-CE-400V-B-1															
Title SIC-8A Main Circuit Diagram															
Version B															
Approved by															
Date 20160823															
Drawer															
Designer															
Proofread by															
Checked by															
Modify date															
After modification															
Before modification															
Mark															
Scale Standard CE															
Page 1															
Totally 10 Pages															
Voltage 400V															
Frequency 50Hz															
SHINI 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.															



Note: "\$"Only SIC-12.5A has F3, F4.

Title		SIC-8A~12.5A		Drawing NO.		SIC-8A~12.5A-CE-400V-C-4		Page		4	
Version		C		Control Circuit Diagram		Standard		CE		Totally 10	
Approved by		20200119		Date		Voltage		400V		Pages	
Proofread by		20200119		Date		Frequency		50HZ		Standard	
Checked by		20200119		Date		Voltage		400V		Pages	
Modified by		20200119		Date		Frequency		50HZ		Standard	
Before modification		20200119		Date		Voltage		400V		Pages	
After modification		20200119		Date		Frequency		50HZ		Standard	



1		2		3		4		5		6		7		8	
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark							
1	Q1	Main power switch	EATON	P1-32/EA/SVB	32A	1	YE10323200000	----							
2	Q2	Circuit breaker	TECO	BM-63C 3P	10A	1	YE40301003000	----							
3	Q3	Circuit breaker	TECO	BM-63C 3P	32A	1	YE40303203000	----							
4	Q4	Circuit breaker	TECO	BM-63C 3P	6A	1	YE40300603000	----							
5	K1	Contacto	SIEMENS	3RT6016-1AN21	230VAC 50/60Hz	1	YE00601621000	----							
6	K2	Contacto	SIEMENS	3RT6026-1AN20	230VAC 50/60Hz	1	YE00602622000	----							
7	K3 K4	Contacto	SIEMENS	3RT6016-1AN21	230VAC 50/60Hz	2	YE00601621000	----							
8	A	Temperature controller	CAREL	PJZS0P0E0	230VAC 50/60Hz	1	YE800000001400	----							
9	RT	Thermal resistance	CAREL	NTC025HP00	----	1	YE102500000000	----							
10	F1	Thermal overload relay	SIEMENS	3RU6116-1EB0	2.8-4A	1	YE01160280000	----							
11	F2	Thermal overload relay	SIEMENS	3RU6126-4BB0	14-20A	1	YE01260140000	----							
12	F11	Fuse	YINDA	FS-10	2A	1	YE410010000000	----							
13	S1 S2	Alternative switch	MOLVETNO	R210-C5LBW 4P	250V~10(5)A 4P WH	2	YE102104000000	----							
14	S3	Anti-frozen switch	PADOIGY	TR/711-N	250V~16(4)A	1	----	(1)							
15	S4	High-Low pressure switch	FENSHEN	P830HLM	H:5-30bar L:0.7-6bar	1	----	(1)							
16	PCB	Control board	YUYUN	AA-01	230V 50Hz	1	YE800001000000	----							
17	X1	Terminal board	----	2.5mm ²	----	19	YE60002503200	----							
18			----	2.5mm ² PE	----	4	YE61002500500	----							
19		Terminal board	----	4.0mm ²	----	3	YE60000403200	----							
20			----	4.0mm ² PE	----	1	YE61041000000	----							
21		Terminal board	----	6.0mm ²	----	4	YE60000603200	----							
22			----	6.0mm ² PE	----	1	YE60000603500	----							
23	M1	Pump motor	----	----	400V 50Hz	1	See the appendix	(1)							
24	M2	Compressor	----	----	400V 50Hz 7.0KW	1	----	(1)							
25	M3 M4	Fan motor	----	----	400V 50Hz 0.25KW	2	----	(1)							

Note:(1)Materials not in 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	Drawer	Version	D	Title	Drawing NO.		Scale	Page
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											Elec. Parts List 1		Standard	Page 10	
													Voltage		400V
													Frequency		50Hz
															8

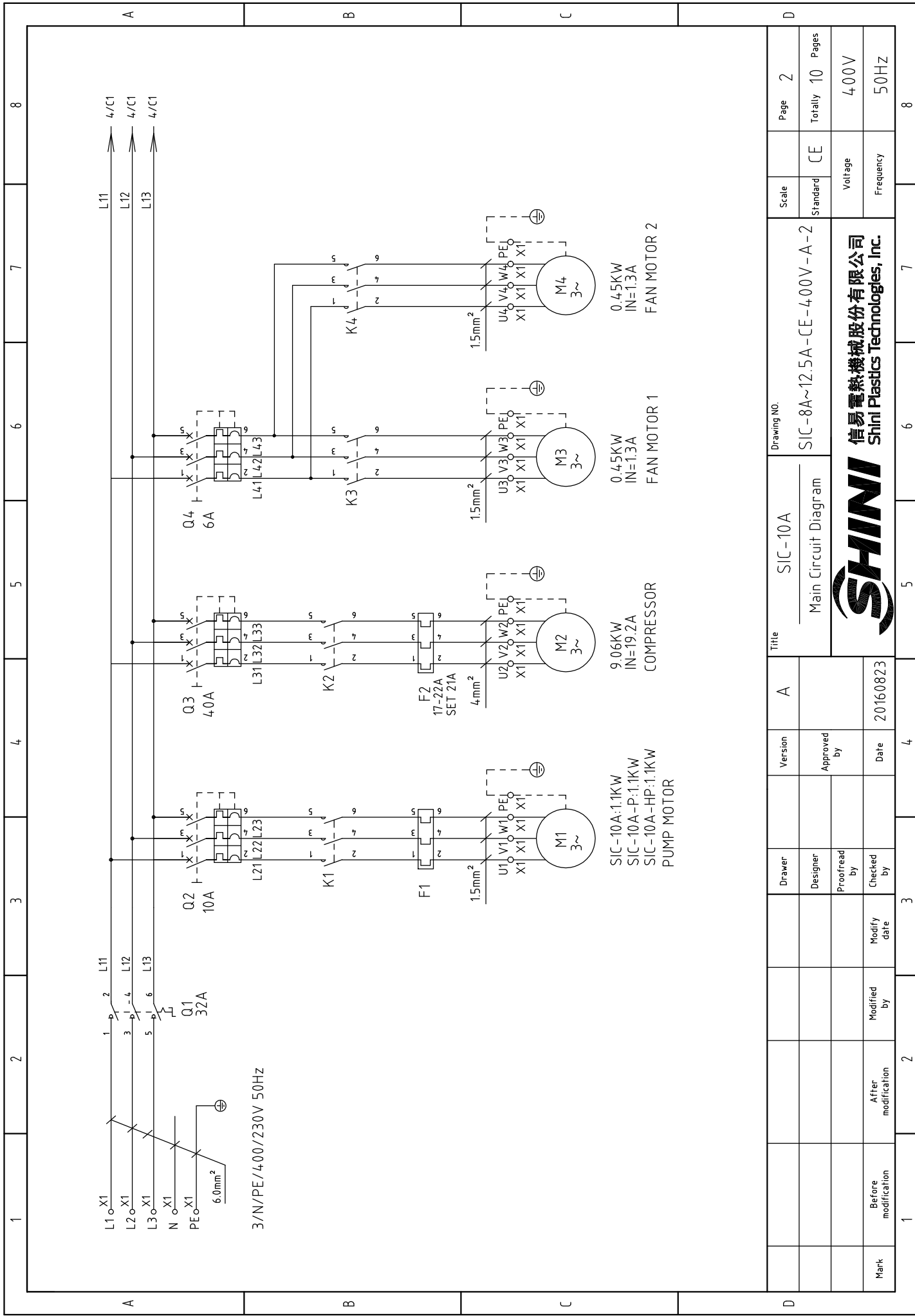


1		2		3		4		5		6		7		8	
No.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark							
26	EH1	Crankcase heating zone	----	----	230V 50/60Hz 45W	1	----	(1)							
A															
B															
C															
D															

Note: (1) Materials not in the control box;

Title		SIC-8A		Drawing NO.		SIC-8A~12.5A-CE-400V-A-7		Scale		Page 7	
Elec. Parts List 2		A		Version		Approved by		Standard		Voltage	
Date		20160823		Checked by		Modify date		Frequency		400V	
Mark		Before modification		After modification		Modified by		Totally		10 Pages	
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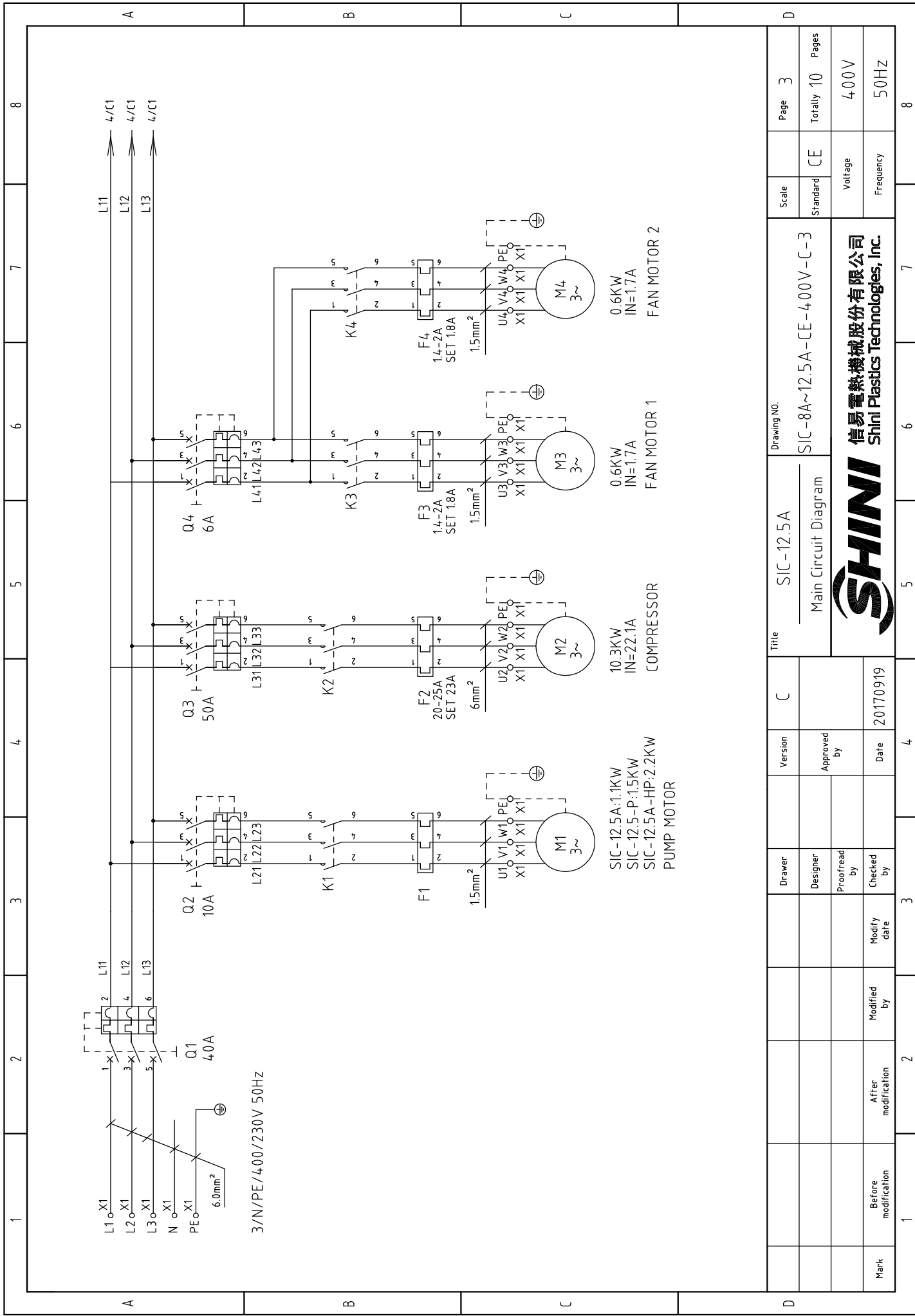
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	Frequency	50Hz
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Title SIC-10A Main Circuit Diagram		
Version	A	
Approved by		
Date	20160823	
Mark	Before modification	Modified by
	After modification	Modify date
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Designer		
Proofread by		
Checked by		
Page	2	
Totally	10	
Pages	10	



1	2	3	4	5	6	7	8	
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark
26	EH1	Crankcase heating zone	----	----	230V 50/60Hz 45W	1	----	(1)
A								
B								
C								
D								
Note: (1) Materials not in the control box;								
			Version		Title		Scale	
			A		SIC-10A		Page 9	
			Approved by		Elec. Parts List 2		Standard CE	
			Date		SIC-8A~12.5A-CE-400V-A-9		Voltage 400V	
			20160823				Frequency 50Hz	
Mark			Before modification		Modified by		After modification	
1			2		3		4	
5			6		7		8	



Scale	Page 9
Standard	Totally 10 Pages
Voltage	400V
Frequency	50Hz



Scale		Page 3	8	
Standard		CE	Totally 10 Pages	
Voltage		400V		
Frequency		50HZ		
Title		SIC-12.5A		
Drawing NO.		SIC-8A~12.5A-CE-400V-C-3		
Version		Main Circuit Diagram		
Approved by				
Date		20170919		
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Before modification				
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Drawer				

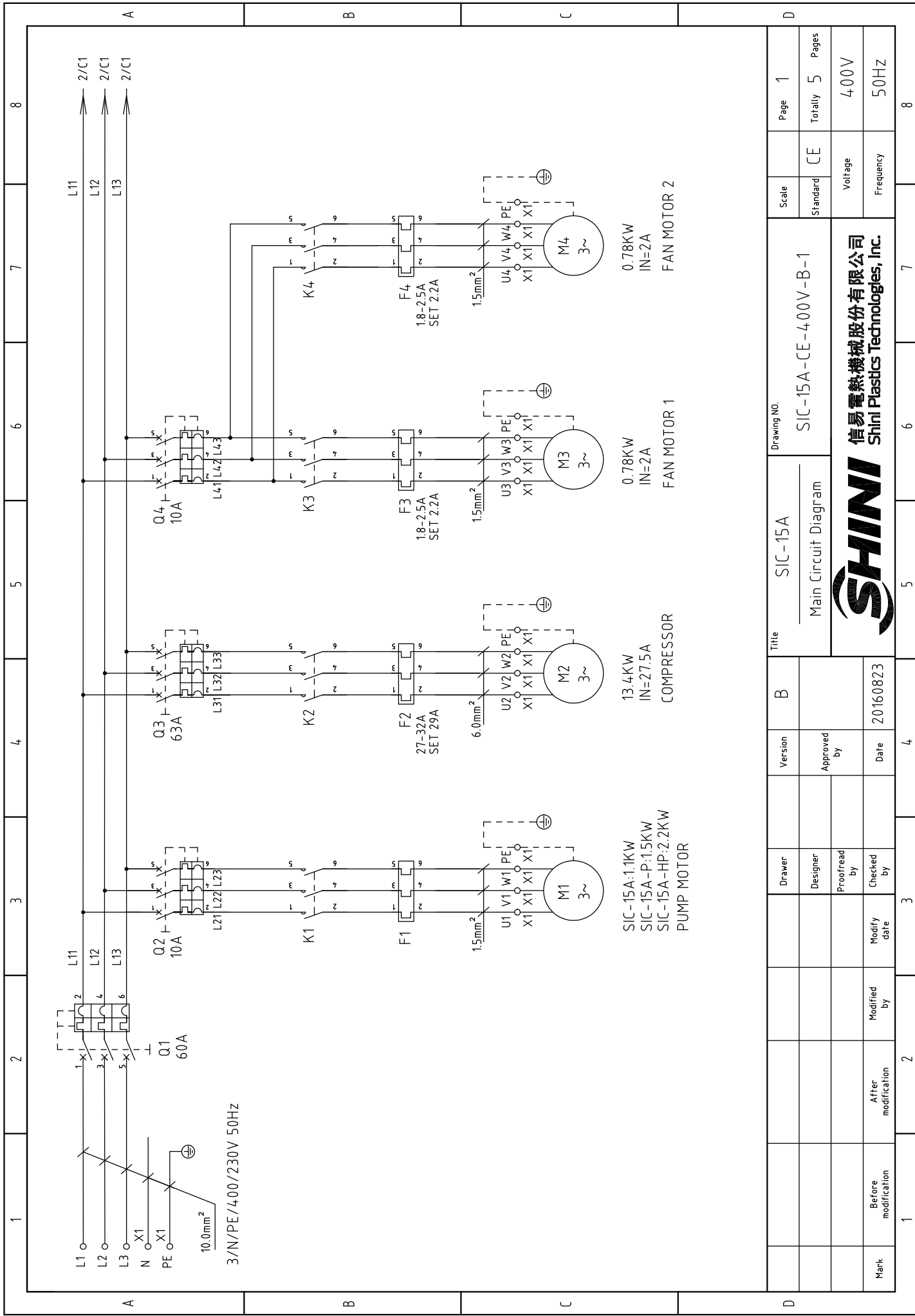


1		2		3		4		5		6		7		8	
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark							
1	Q1	Breaker interlock	ABB	A1A125TMF 40/4003PFF	40A	1	YE4110420000	----							
2	Q2	Circuit breaker	TECO	BM-63C 3P	10A	1	YE40301003000	----							
3	Q3	Circuit breaker	TECO	BM-63C 3P	50A	1	YE40305003000	----							
4	Q4	Circuit breaker	TECO	BM-63C 3P	6A	1	YE40300603000	----							
5	K1	Contactor	SIEMENS	3RT6016-1AN21	230V 50/60Hz	1	YE00601621000	----							
6	K2	Contactor	SIEMENS	3RT6027-1AN20	230V 50/60Hz	1	YE00602722000	----							
7	K3 K4	Contactor	SIEMENS	3RT6016-1AN21	230V 50/60Hz	2	YE00601621000	----							
8	A	Temperature controller	CAREL	PJEZS0P0E0	230VAC 50/60Hz	1	YE80000001400	----							
9	RT	Thermal resistance	CAREL	NTC025HP00	----	1	YE10250000000	----							
10	F1	Thermal overload relay	SIEMENS	3RU6116-1FB0	3.5-5A	1	YE01160350000	----							
11	F2	Thermal overload relay	SIEMENS	3RU6126-4DB0	20-25A	1	YE01260200000	----							
12	F3 F4	Thermal overload relay	SIEMENS	3RU6116-1BB0	1.4-2A	2	YE01160140000	----							
13	F11	Fuse	YINDA	FS-10	2A	1	YE41001000000	----							
14	S1 S2	Alternative switch	MOLVETNO	R210-C5LBW 4P	250V~10(5)A 4P WH	2	YE10210400000	----							
15	S3	Anti-frozen switch	----	----	----	1	----	(1)							
16	S4	High-Low pressure switch	----	----	----	1	----	(1)							
17	PCB	Control board	YUYUN	AA-01	230V 50Hz	1	YE80000100000	----							
18	X1	Terminal board	----	2.5mm ²	----	19	YE60002503200	----							
19			----	2.5mm ² PE	----	4	YE61002500500	----							
20			----	6.0mm ²	----	7	YE60000603200	----							
21			----	6.0mm ² PE	----	2	YE60000603500	----							
22	M1	Pump motor	----	----	400V 50Hz	1	See the appendix	(1)							
23	M2	Compressor	----	----	400V 50Hz 10.3KW	1	----	(1)							
24	M3 M4	Fan motor	----	----	400V 50Hz 0.6KW	2	----	(1)							
25	EH1	Crankcase heating zone	----	----	230V 50/60Hz 45W	1	----	(1)							

Note: (1) Materials not in the control box;

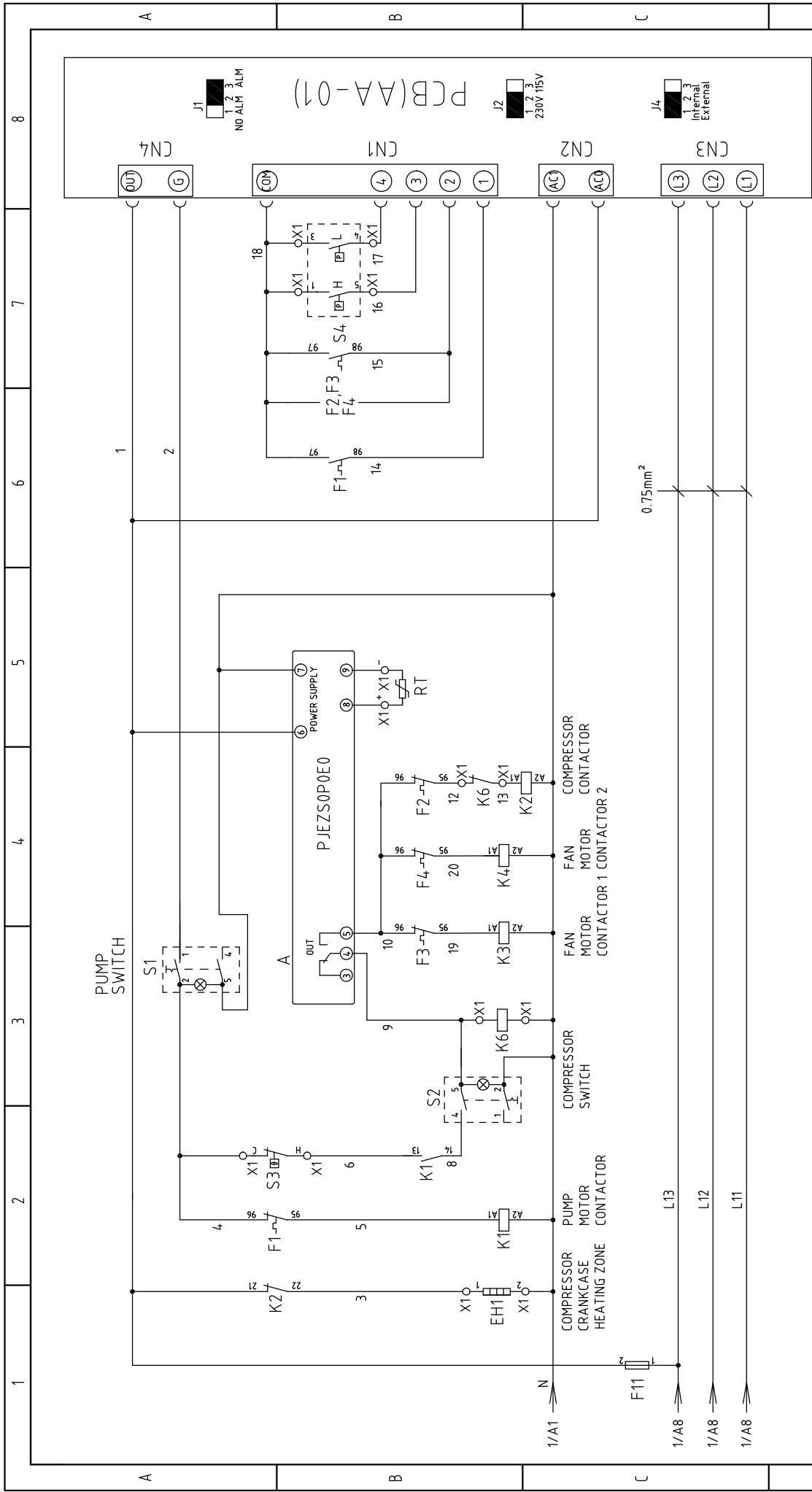
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											Elec. Parts List		Standard	Scale	
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													Frequency	Totally	
													400V	10	
													50HZ	10	
														8	





Mark	Before modification	Modified by	Modify date	Checked by	Date	Version	B	Title	Drawing NO.		Scale	Page
	After modification	Modified by	Modify date						SIC-15A			
					20160823			Main Circuit Diagram	CE	5	400V	1
											Frequency	8
												50HZ

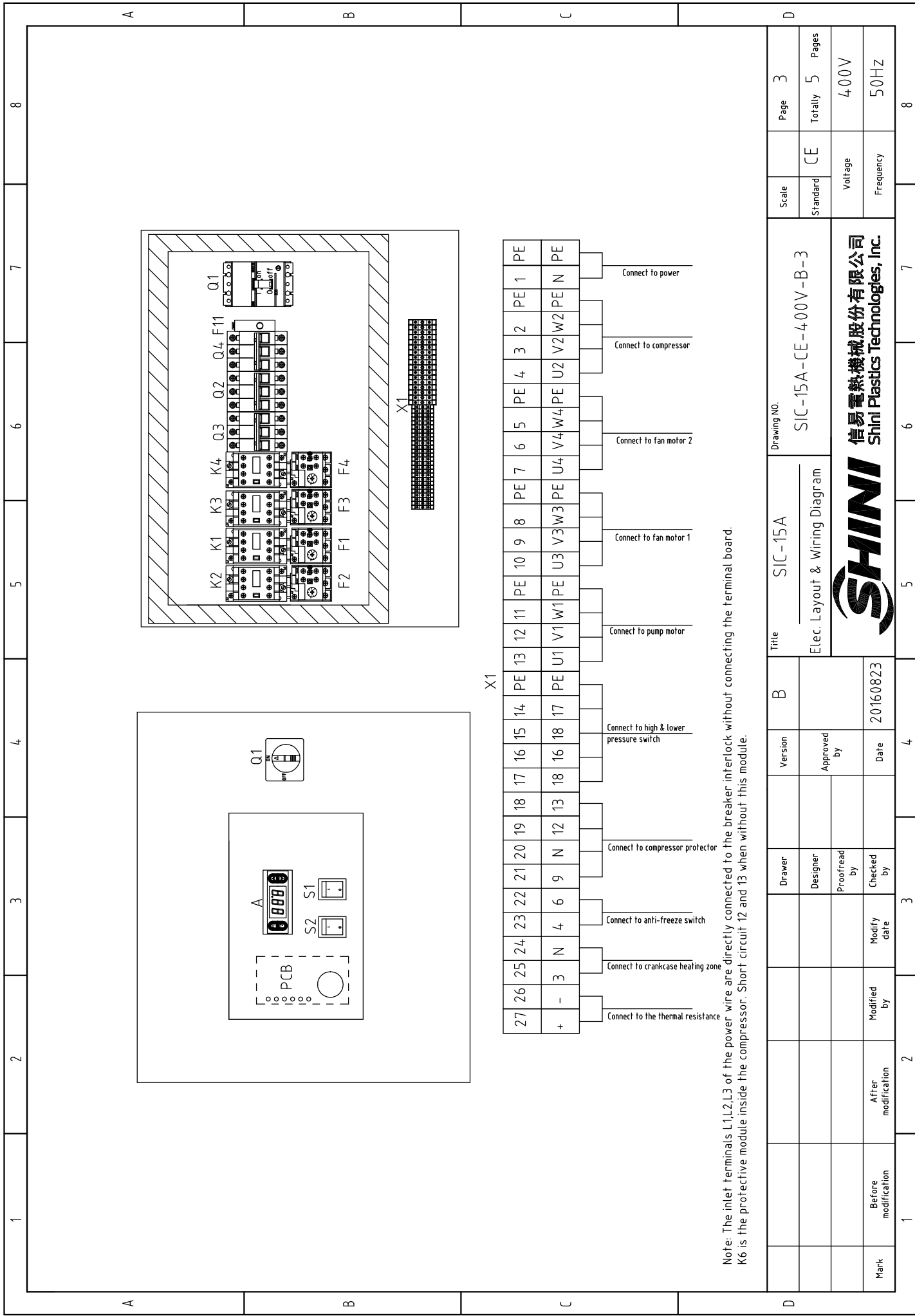
SHINI 信易電熱機械股份有限公司
Shini Plastics Technologies, Inc.



Note: K6 is the protective module inside the compressor.
Please short circuit the 12 and 13 when without this module.

D		Scale		Page 2	
Standard		CE		Totally 5 Pages	
Voltage		400V		Frequency	
Frequency		50HZ		8	
Drawing NO.		SIC-15A-CE-400V-C-2		7	
Title		SIC-15A		5	
Control Circuit Diagram		Version		4	
Approved by		Date		20200119	
Proofread by		Modify date		3	
Checked by		After modification		2	
Mark		Before modification		1	





1 2 3 4 5 6 7 8

A B C D

1 2 3 4 5 6 7 8

A B C D

1 2 3 4 5 6 7 8

A B C D

1 2 3 4 5 6 7 8

A B C D

1 2 3 4 5 6 7 8

A B C D

1 2 3 4 5 6 7 8

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1 2 3 4 5 6 7 8

A B C D

1 2 3 4 5 6 7 8

A B C D

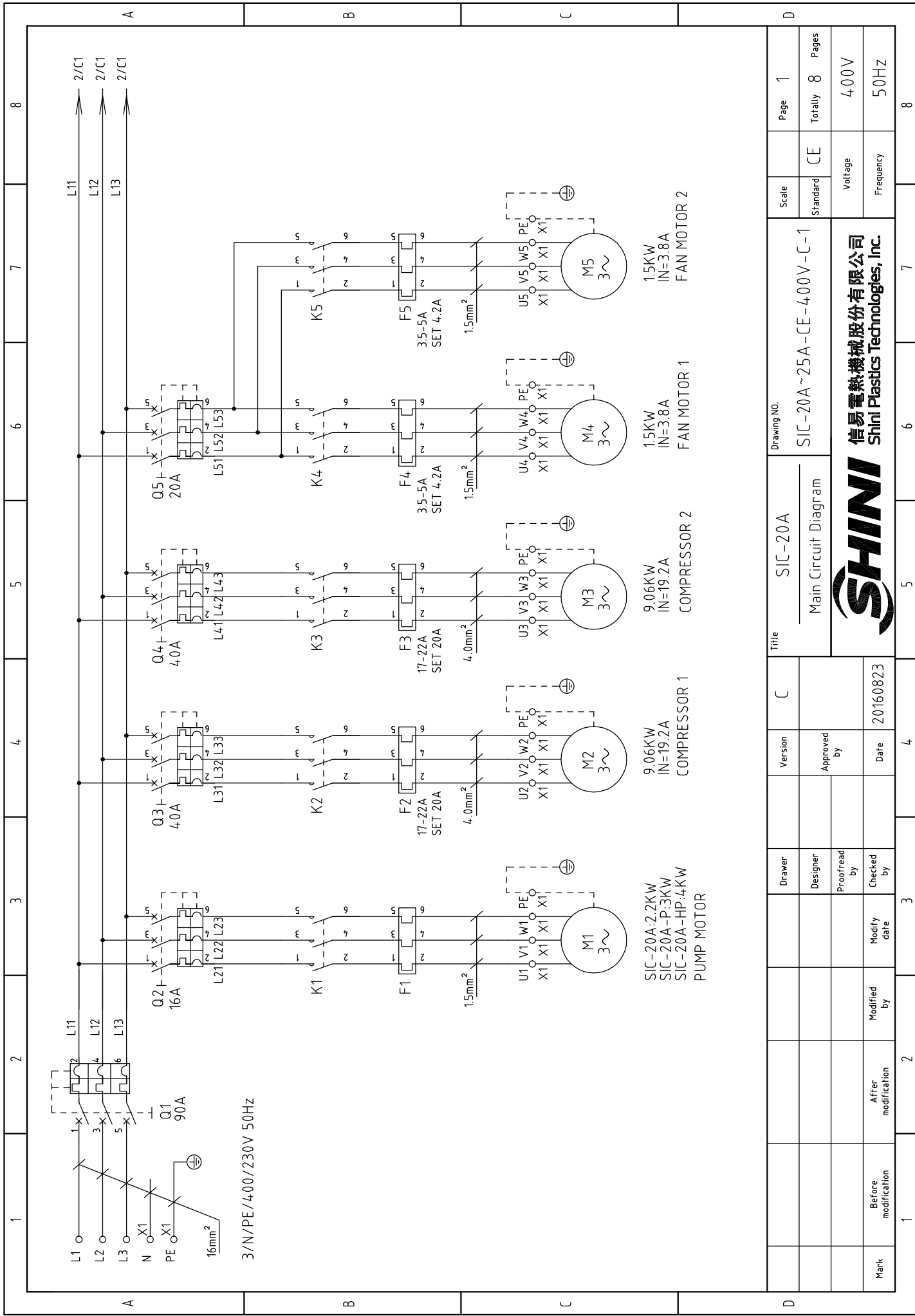
Note: The inlet terminals L1,L2,L3 of the power wire are directly connected to the breaker interlock without connecting the terminal board.
K6 is the protective module inside the compressor. Short circuit 12 and 13 when without this module.

Drawing NO.		SIC-15A-CE-400V-B-3		Scale	Page 3
Title		SIC-15A		Standard	Totally 5 Pages
Elec. Layout & Wiring Diagram		SHINI		Voltage	400V
Version		20160823		Frequency	50HZ
Drawer	Designer	Proofread by	Checked by		
Modified by	After modification	Modify date	Approved by		
Mark	Before modification	Modified by	Date		

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

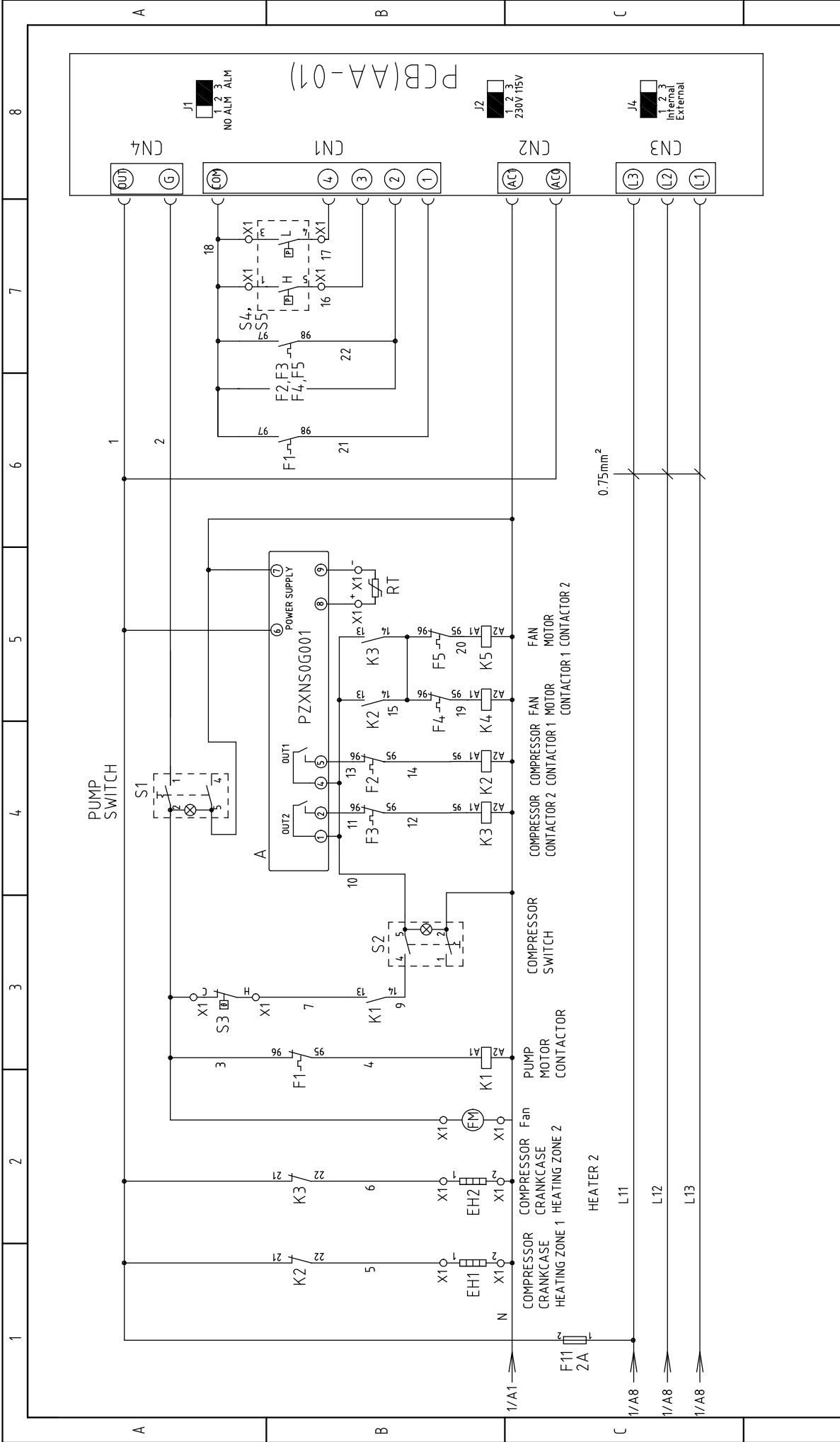
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NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark							
26	M2	Compressor	----	----	400V 50/60Hz 13.4KW	1	----	(1)							
27	M3 M4	Fan motor	----	----	400V 50/60Hz 0.78KW	2	----	(1)							
28	EH1	Crankcase heating zone	----	----	230V 50/60Hz 45W	1	----	(1)							
A															
B															
C															
D															
Note:(1)Materials not in the control box;															
		Drawer		Version		B		Title		Drawing NO.		Scale		Page 5	
		Designer		Approved by				SIC-15A		SIC-15A-CE-400V-B-5		Standard		Page 5	
		Proofread by		Date		20160823		Elec. Parts List 2				CE		Totally 5	
Mark		Before modification		Modified by		Modify date						Voltage		400V	
		After modification		Modified by								Frequency		50HZ	
1		2		3		4		5		6		7		8	



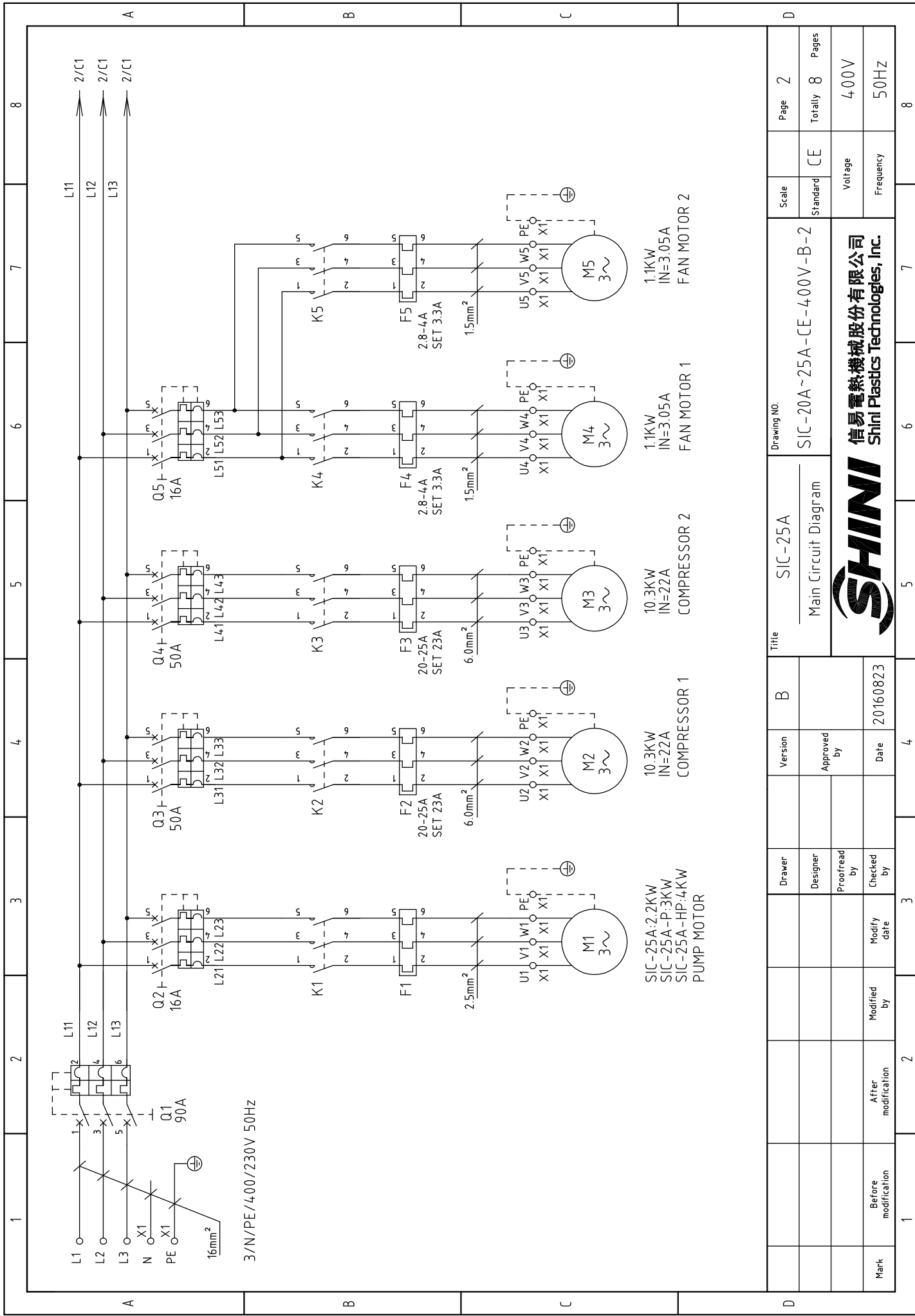


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Title		SIC-20A	
Main Circuit Diagram		Version	
Scale		Approved by	
Standard		Date	
Voltage		20160823	
Frequency		Modified by	
400V		Modify date	
50HZ		Before modification	
Page 1		After modification	
Totally 8 Pages		Mark	
CE		1	
Voltage		2	
Frequency		3	
400V		4	
50HZ		5	
Page 1		6	
Totally 8 Pages		7	
CE		8	
Voltage		9	
Frequency		10	
400V		11	
50HZ		12	



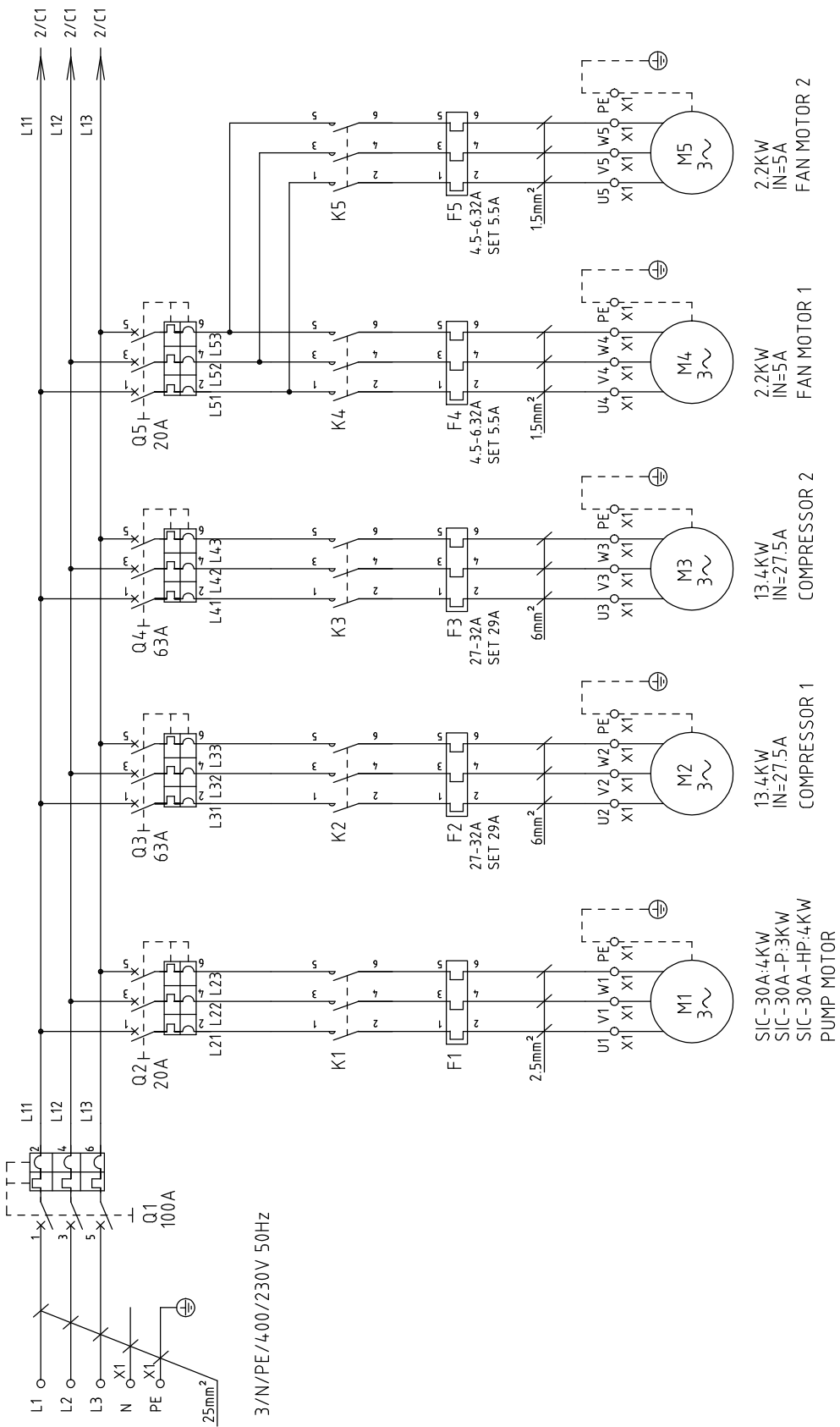


Drawing NO.		SIC-20A~25A-CE-400V-C-3	
Title		Control Circuit Diagram	
Version	C	Scale	Page 3
Approved by		Standard	Totally 8 Pages
Date	2021021	Voltage	400V
Checked by		Frequency	50HZ
Modify date		信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.	
Modified by		SHINI	
After modification		0.75mm ²	
Before modification		1 2 3 Internal External	
Mark		J2 1 2 3 230V 115V	
		J1 1 2 3 NO ALM ALM	
		PCB(AA-01)	



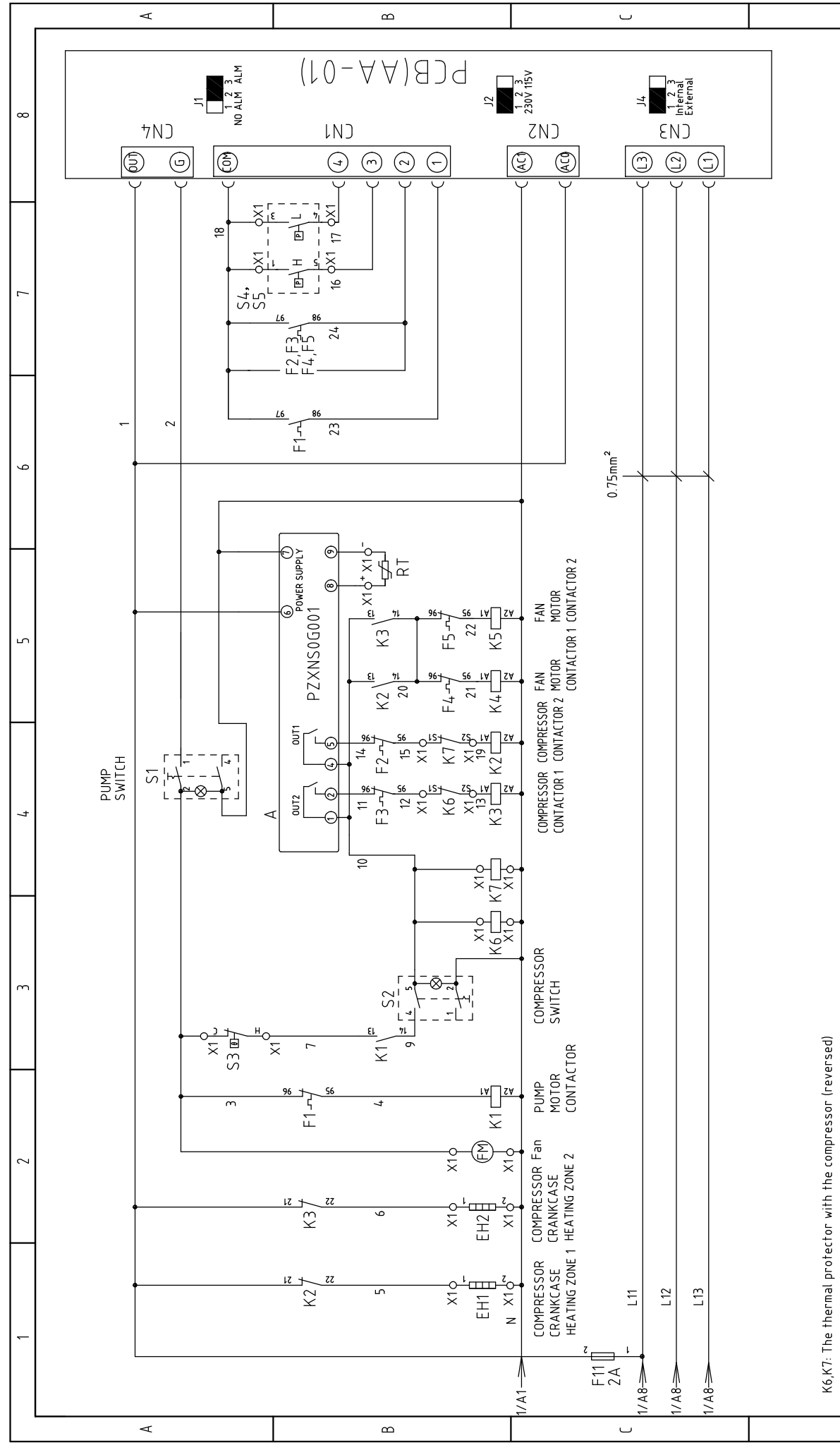
D		Scale		Page 2	
Standard		CE		Totally 8 Pages	
Voltage		400V		Frequency	
Frequency		50HZ		8	
Drawing NO.		SIC-20A~25A-CE-400V-B-2		7	
Title		SIC-25A		5	
Main Circuit Diagram		Version		B	
Approved by		Date		20160823	
Checked by		Modify date		3	
After modification		Modified by		2	
Before modification		Checked by		4	
Mark		Date		1	





Mark	Before modification	Modified by	Modify date	Checked by	Proofread by	Designer	Drawer	Version	C	Title	SIC-30A	Drawing NO	SIC-30A-CE-400V-C-1	Standard	CE	Page	Page 1
	After modification																
													Voltage		400V		
													Frequency		50HZ		
													Totally		5		
													Pages		8		






K6,K7: The thermal protector with the compressor (reversed)

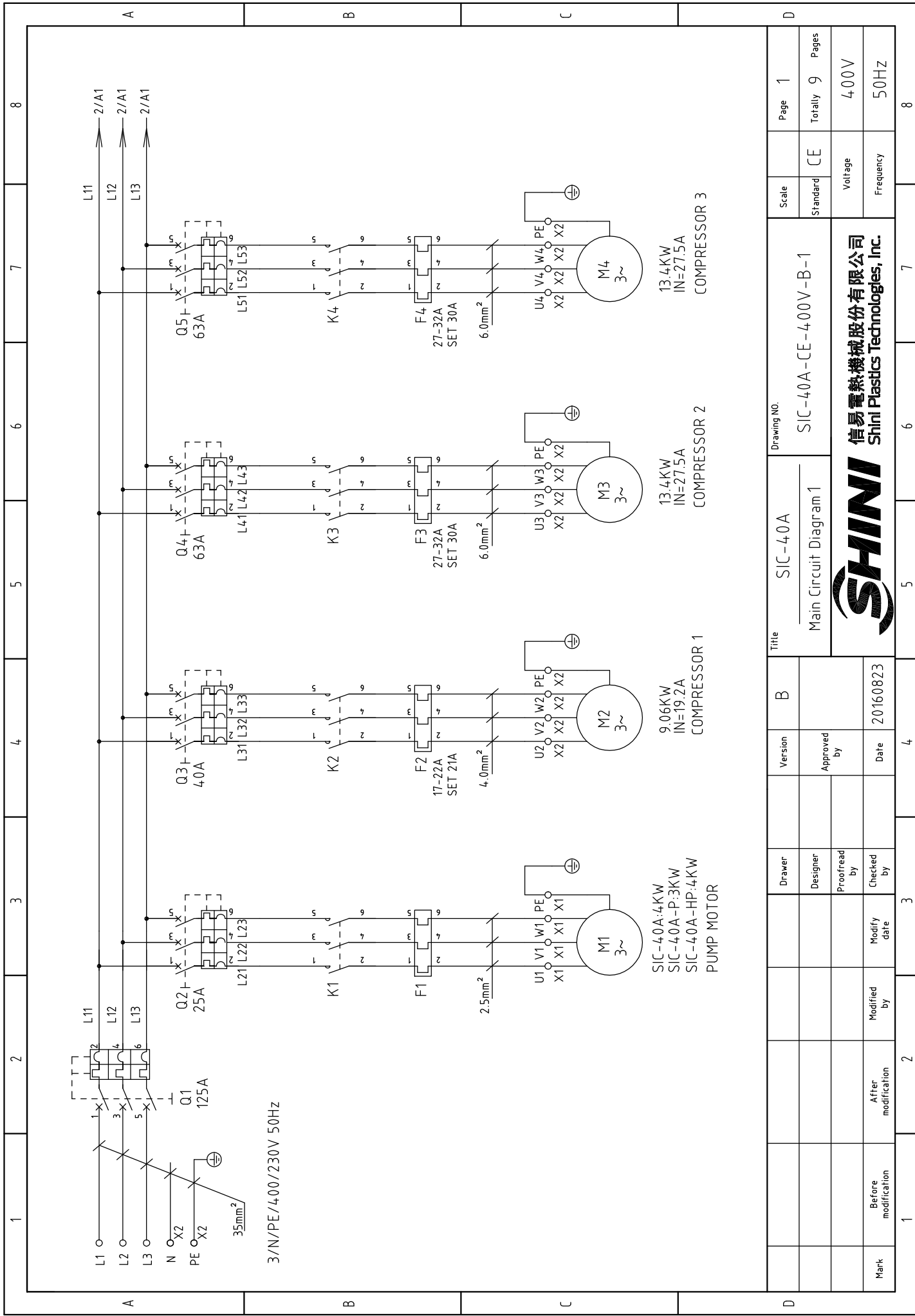
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Title		Control Circuit Diagram		Standard		CE	
Version		C		Voltage		400V	
Approved by		Date		Frequency		50HZ	
Date		20210121		Totally		5 Pages	
Modified by		Modify date		Voltage		400V	
After modification		Modify date		Frequency		50HZ	
Before modification		Modify date		Voltage		400V	
Mark		Modify date		Frequency		50HZ	



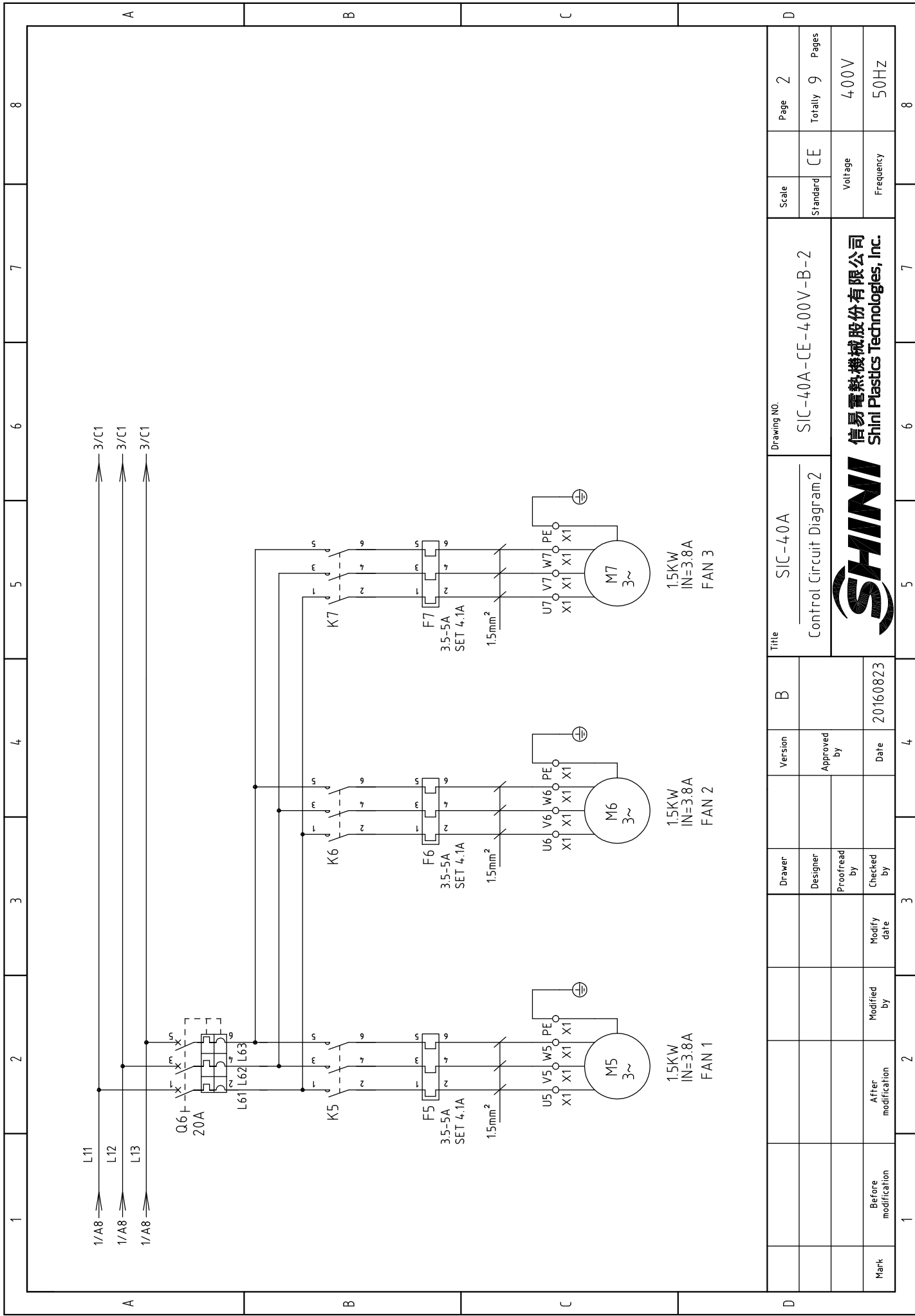
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NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark							
1	Q1	Breaker interlock	ABB	A1A125TMF100/10003PFF	100A	1	YE41110200000	----							
2	Q2	Circuit breaker	TECO	BM-63C 3P	20A	1	YE40302003000	----							
3	Q3 Q4	Circuit breaker	TECO	BM-63C 3P	63A	2	YE40306303000	----							
4	Q5	Circuit breaker	TECO	BM-63C 3P	20A	1	YE40302003000	----							
5	K1	Contacto	SIEMENS	3RT6017-1AN21	230V 50/60Hz	1	YE00601721000	----							
6	K2 K3	Contacto	SIEMENS	3RT6027-1AN20	230V 50/60Hz	2	YE00602722000	----							
7	K4 K5	Contacto	SIEMENS	3RT6017-1AN21	230V 50/60Hz	2	YE00601721000	----							
8	K6 K7	Compressor protector	----	----	230V 50/60Hz	2	----	----							
9	A	Temperature controller	CAREL	PZXNS0G001	230VAC 50/60Hz	1	YE80000100100	----							
10	RT	Thermal resistance	CAREL	NTC025HP00	----	1	YE10250000000	----							
11	F1	Thermal overload relay	SIEMENS	3RU6116-1JB0	7-10A	1	YE01167100000	----							
12	F2 F3	Thermal overload relay	SIEMENS	3RU6126-4EB0	27-32A	2	YE01612600600	----							
13	F4 F5	Thermal overload relay	SIEMENS	3RU6116-1FB0	3.5-5A	2	YE01160350000	----							
14	F11	Fuse	YINDA	FS-10	2A	1	YE41001000000	----							
15	S1 S2	Alternative switch	MOL VETNO	R210-C5LBW 4P	250V~10(5)A 4P WH	2	YE10210400000	----							
16	S3	Anti-frozen switch	PADOIGY	TR/711-N	250V 16(4)A	1	----	(1)							
17	S4, S5	HI-LO pressure switch	FENSHEN	P830HLM	H:5-30bar L:-0.7-6bar	2	----	(1)							
18	PCB	Control board	YUYUN	AA-01	230V 50Hz	1	YE80000100000	----							
19	X1	Terminal board	----	2.5mm ²	----	37	YE60002503200	----							
20		Terminal board	----	2.5mm ² PE	----	5	YE61002500500	----							
21		Terminal board	----	6.0mm ²	----	6	YE60000603200	----							
22		Terminal board	----	6.0mm ² PE	----	2	YE60000603500	----							
23		Terminal board	DINKLE	DKB100(115A)	----	2	YE60100006900	----							
24	FAN	Fan	----	----	230V 50/60Hz	1	----	(1)							
25	M1	Pump motor	----	----	400V 50/60Hz	1	See the appendix	(1)							

Note: (1) Materials not in the control box;

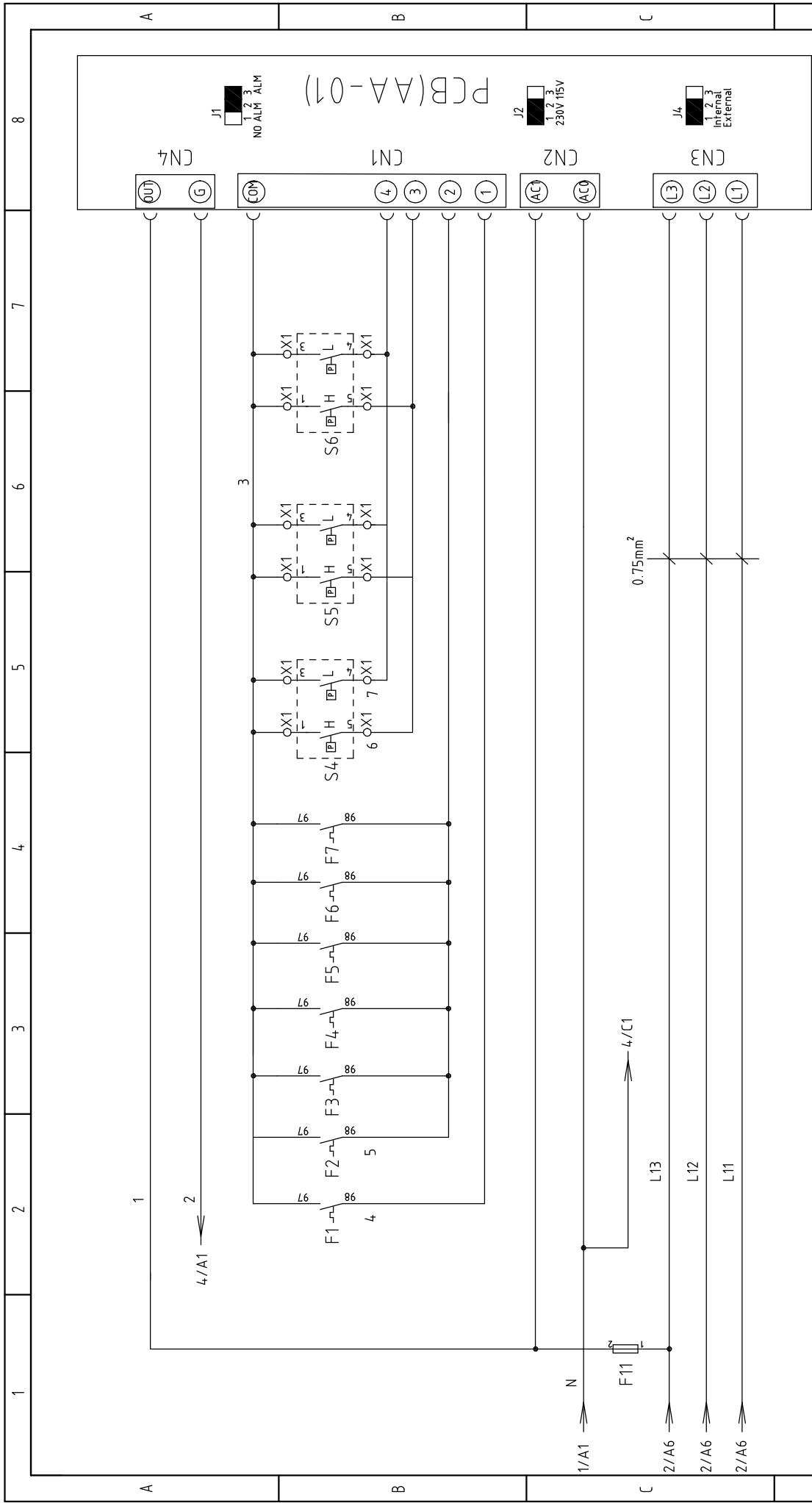
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											 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Scale	Page	
											Standard	CE	Totally	4	
											Voltage	400V	5	Pages	
											Frequency	50Hz	8		



D	Scale	Page	1
		Totally	9
Standard	Voltage	Standard	CE
		Frequency	400V
Drawing NO.	Title	SIC-40A-CE-400V-B-1	
		Main Circuit Diagram 1	
Mark	Before modification	After modification	Modified by
Proofread by	Date	20160823	4
Drawer	Version	Approved by	Date
Standard	Voltage	Frequency	8
Scale	Standard	Voltage	Frequency
Main Circuit Diagram 1	SIC-40A-CE-400V-B-1	信易电热机械股份有限公司 Shini Plastics Technologies, Inc.	7
Main Circuit Diagram 1	SIC-40A-CE-400V-B-1	信易电热机械股份有限公司 Shini Plastics Technologies, Inc.	8

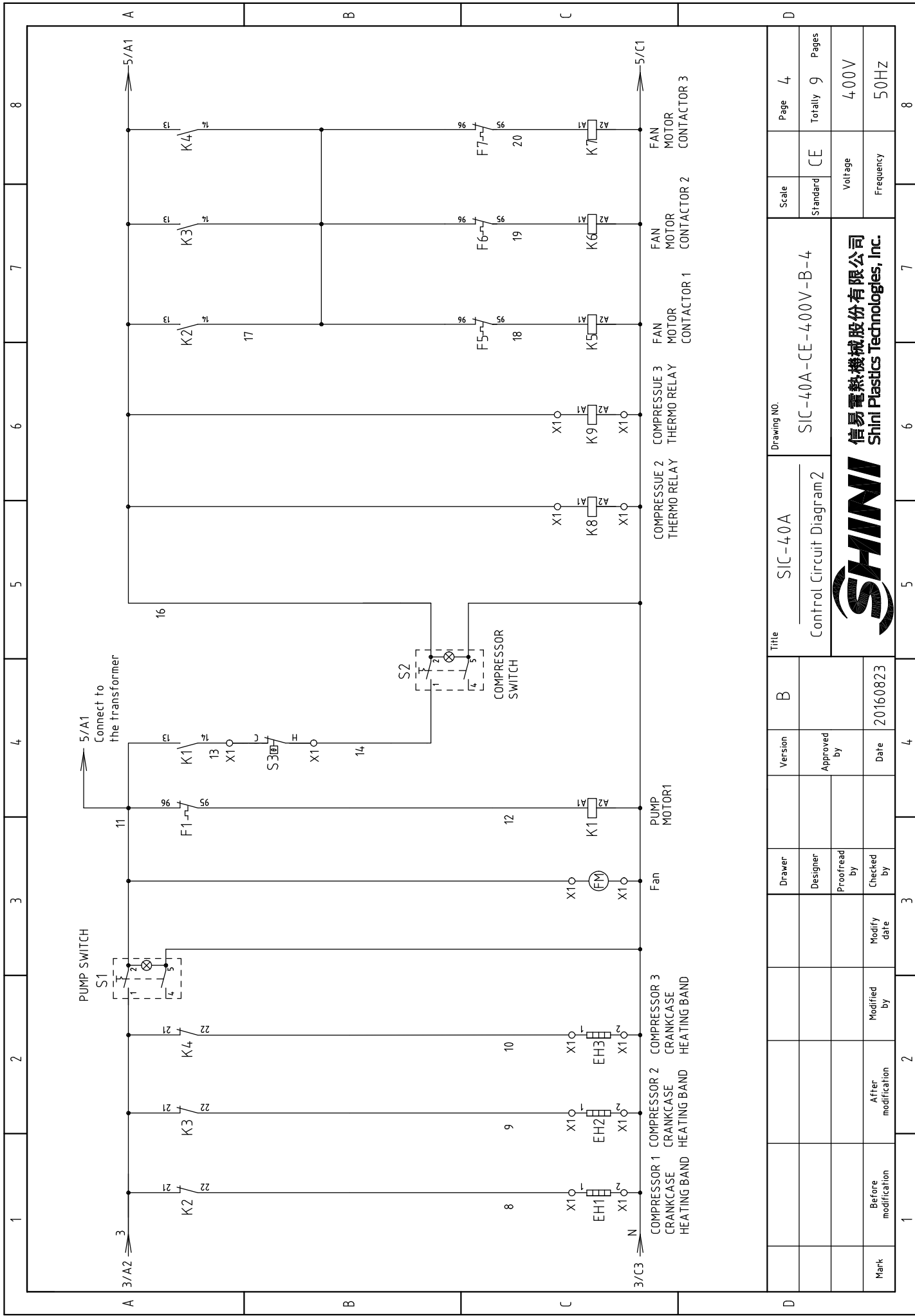


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	After modification	Modified by	Modify date							Standard	CE	Totally	9
										Voltage	400V		
										Frequency	50Hz		
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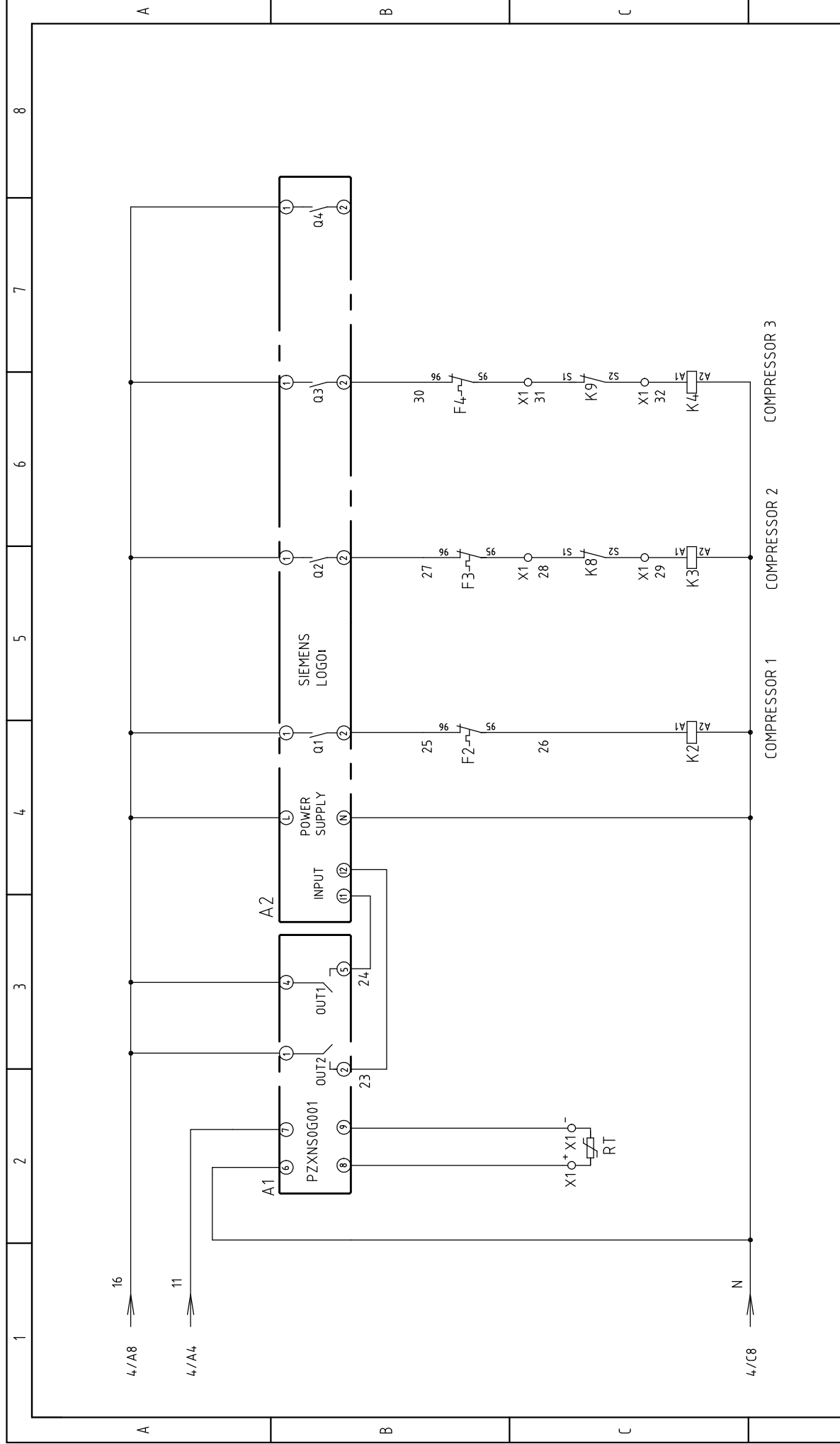
Title		SIC-40A		Drawing NO.		SIC-40A-CE-4.00V-B-3		Page 3	
Version		B		Control Circuit Diagram 1		Standard		CE	
Approved by		Date		20160823		Voltage		400V	
Checked by		Modify date				Frequency		50HZ	
After modification		Modified by				Totally		9 Pages	
Before modification		Modified by				Voltage		400V	
Mark		Date		20160823		Frequency		50HZ	



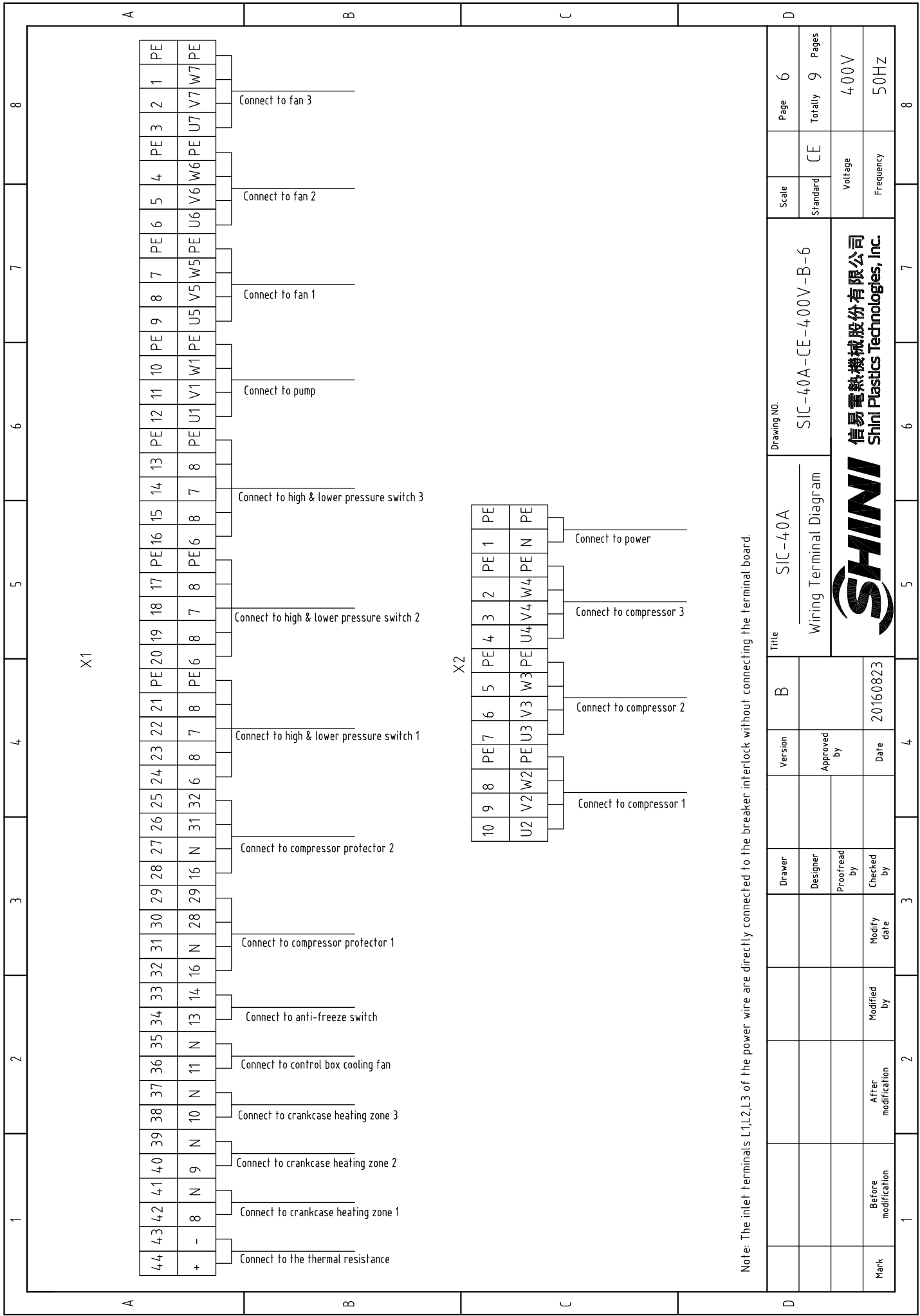


Title		SIC-40A		Drawing NO.		SIC-40A-CE-400V-B-4		Scale	Page	4
Control Circuit Diagram 2								Standard	Totally	9
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								Frequency	50HZ	
Mark	Before modification	After modification	Modified by	Modify date	Checked by	Proofread by	Designer	Drawer	Version	B
									Approved by	
									Date	20160823
										8





Mark	Before modification	After modification	Modified by	Modify date	Checked by	Proofread by	Designer	Drawer	Version	C	Title SIC-40A Control Circuit Diagram 3		Drawing No. SIC-40A-CE-400V-C-5		Scale	Page 5
									Approved by			Standard	CE	Totally 9	Pages	5
									Date	20210121		Voltage	400V			
												Frequency	50Hz			
												SHINI 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.				



X1

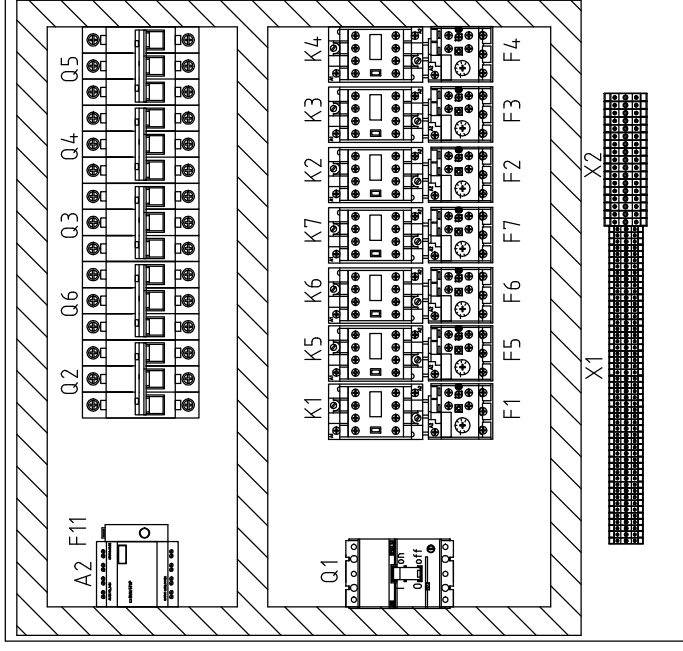
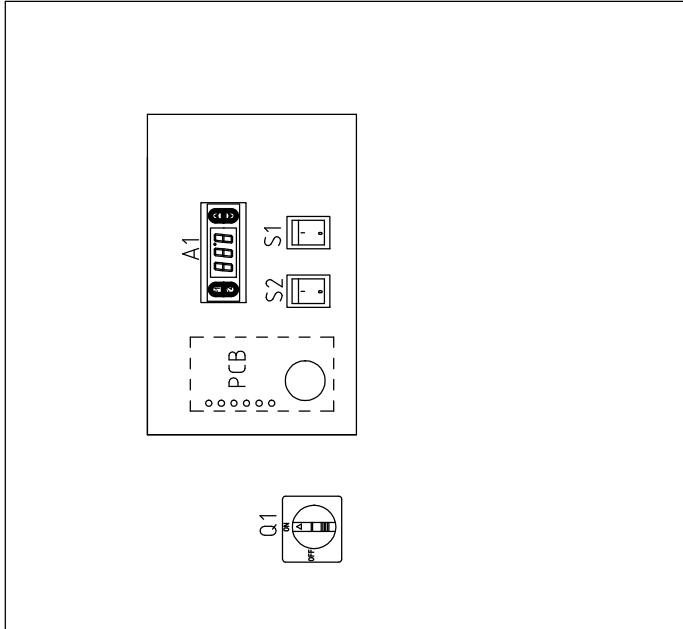
X2

Note: The inlet terminals L1,L2,L3 of the power wire are directly connected to the breaker interlock without connecting the terminal board.

Drawing NO.		SIC-40A-CE-400V-B-6		Page	6
Title		SIC-40A		Scale	
Wiring Terminal Diagram		Version		Standard	CE
SHINI		Approved by		Voltage	400V
信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Date		Frequency	50HZ
20160823		Checked by		Totally	
20160823		Modify date		9	
2		Modified by		Pages	
1		After modification		8	
3		Before modification		8	
4		Mark		8	
5		1		8	
6		2		8	
7		3		8	
8		4		8	

1 2 3 4 5 6 7 8

A A B C D



Mark	Before modification	Modified by	Modify date	Checked by	Proofread by	Designer	Drawer	Version	B	Title SIC-40A Elec. Component Layout		Drawing NO. SIC-40A-CE-400V-B-7		Scale	Page 7
	After modification	Modified by	Modify date	Checked by	Proofread by	Designer	Drawer	Version	B	Title SIC-40A Elec. Component Layout		Drawing NO. SIC-40A-CE-400V-B-7		Standard CE	Totally 9 Pages
														Voltage 400V	
														Frequency 50Hz	



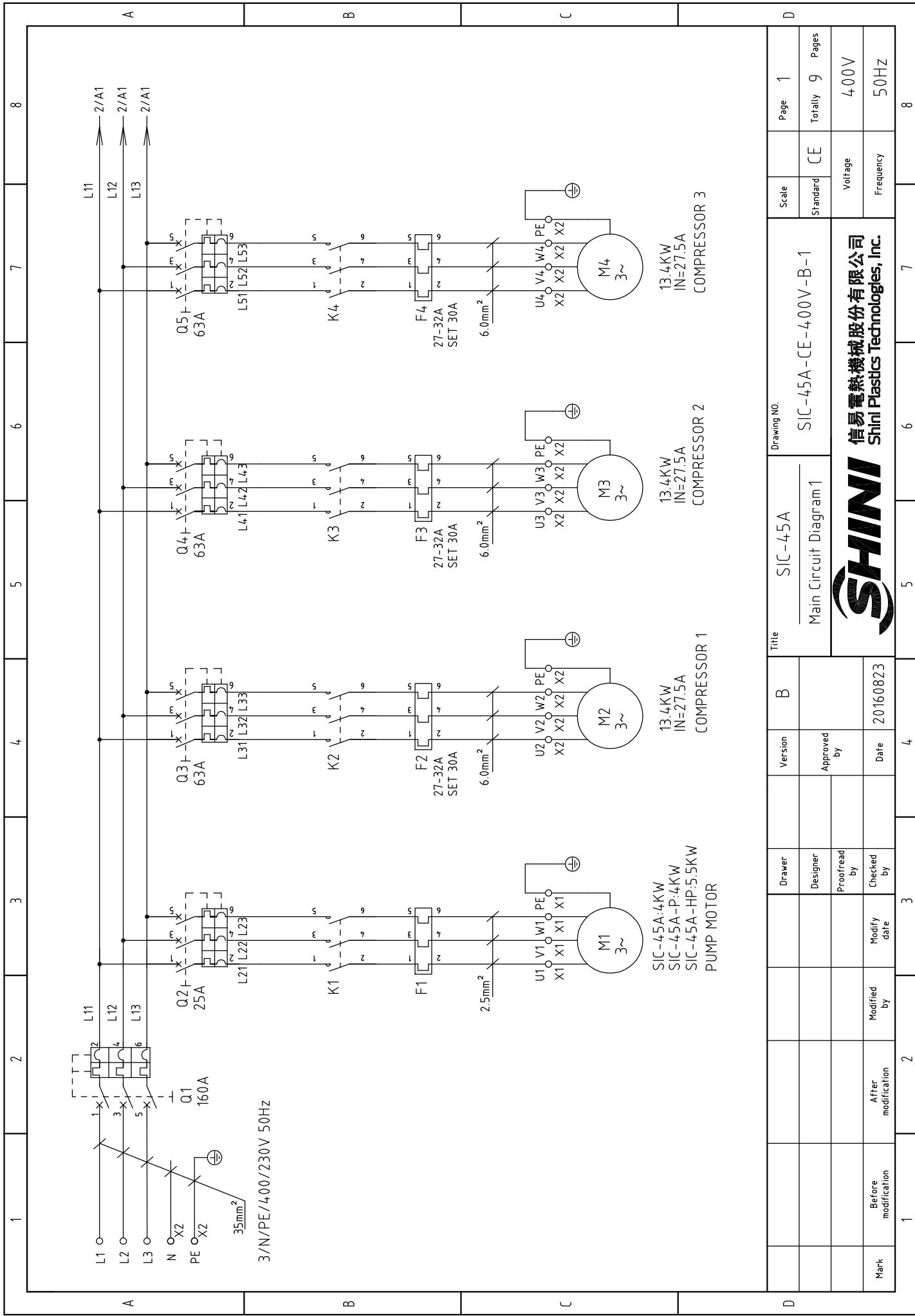
1 2 3 4 5 6 7 8

1	2		3	4	5	6	7	8
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark
1	Q1	Breaker interlock	ABB	A1A125TMF125/12503PFF	125A	1	YE41161400000	----
2	Q2	Circuit breaker	TECO	BM-63C 3P	25A	1	YE40302503000	----
3	Q3	Circuit breaker	TECO	BM-63C 3P	40A	1	YE40304003000	----
4	Q4 Q5	Circuit breaker	TECO	BM-63C 3P	63A	2	YE40306303000	----
5	Q6	Circuit breaker	TECO	BM-63C 3P	20A	1	YE40302003000	----
6	K1	Contacto	SIEMENS	3RT6017-1AN21	230V 50/60Hz	1	YE00601721000	----
7	K2	Contacto	SIEMENS	3RT6026-1AN20	230V 50/60Hz	1	YE00602622000	----
8	K3 K4	Contacto	SIEMENS	3RT6027-1AN20	230V 50/60Hz	2	YE00602722000	----
9	K5 K6 K7	Contacto	SIEMENS	3RT6017-1AN21	230V 50/60Hz	3	YE00601721000	----
10	K8 K9	Compressor protector	----	----	230V 50/60Hz	2	----	----
11	A1	Temperature controller	CAREL	PZXNS0G001	230VAC 50/60Hz	1	YE80000100100	----
12	A2	LOGO! Controller	SIEMENS	LOGO! 230RC0	AC115V-230V	1	YE81023000600	----
13	RT	Thermal resistance	CAREL	NTC025HP00	----	1	YE10250000000	----
14	F1	Thermal overload relay	SIEMENS	3RU6116-1JB0	7-10A	1	YE01167100000	----
15	F2	Thermal overload relay	SIEMENS	3RU6126-4CB0	17-22A	1	YE01260170000	----
16	F3 F4	Thermal overload relay	SIEMENS	3RU6126-4EB0	27-32A	2	YE01612600600	----
17	F5 F6 F7	Thermal overload relay	SIEMENS	3RU6116-1FB0	3-5-5A	3	YE01160350000	----
18	F11	Fuse	YINDA	FS-10	2A	1	YE41001000000	----
19	S1 S2	Alternative switch	MOLVETNO	R210-C5LBW 4P	250V~10(5)A 4P WH	2	YE10210400000	----
20	S3	Anti-frozen switch	PADOIGY	TR/711-N	250V 16(4)A	1	----	(1)
21	S4, S5, S6	HI-LO pressure switch	FENSHEN	P830HLM	HI-5-30bar L:-0.7-6bar	3	----	(1)
22	PCB	Control board	YUYUN	AA-01	230V 50Hz	1	YE80000100000	----
23	X1	Terminal board	----	2.5mm ²	----	44	YE60002503200	----
24			----	2.5mm ² PE	----	7	YE61002500500	----
25	X2	Terminal board	----	4.0mm ²	----	3	YE60000403200	----

Note: (1) Materials not in the control box; (2) Options;

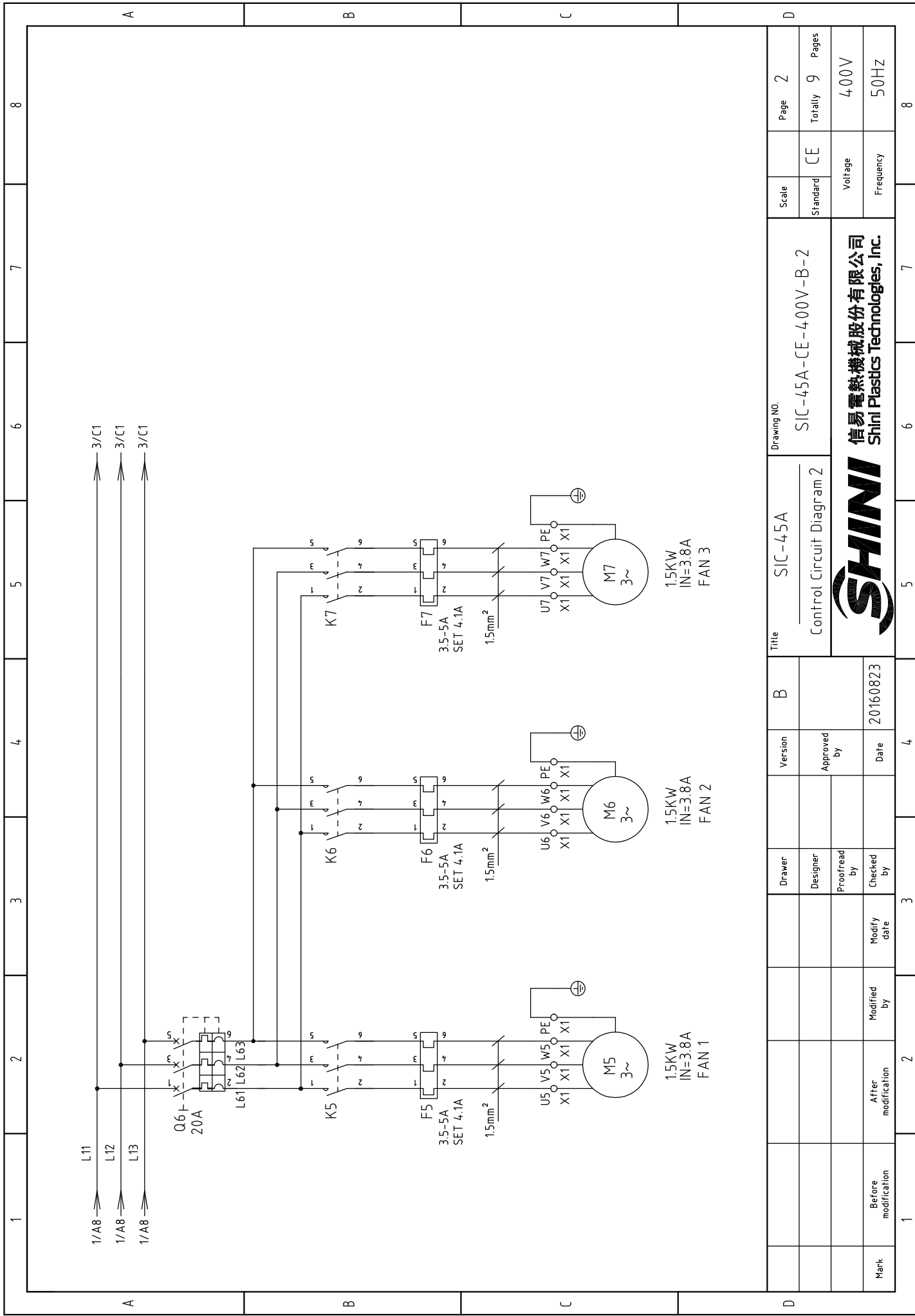
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					Approved by			
					Version			
					C			
					Title		Drawing No.	
					SIC-40A		SIC-40A-CE-400V-C-8	
					Elec. Parts List 1		Scale	
							Standard	
							Voltage	
							Frequency	
							Page	
							Totally	
							Pages	
							400V	
							50HZ	
							8	





Title		SIC-45A		Drawing NO.		SIC-45A-CE-400V-B-1		Page 1	
Main Circuit Diagram 1		Approved by		Version		B		Standard	
Date		20160823		Checked by		Date		Voltage	
Modified by		Modified date		Proofread by		Designer		Frequency	
After modification		Modify date		Checked by		Drawn		400V	
Before modification		Modify date		Checked by		Designer		50HZ	
Mark		Modified by		Proofread by		Designer		Totally	
		Modified date		Proofread by		Designer		9	
		Modify date		Proofread by		Designer		Pages	
		Modify date		Proofread by		Designer		4	
		Modify date		Proofread by		Designer		8	





Mark	Before modification	Modified by	Modify date	Checked by	Date	Approved by	Version	B	Title	Drawing NO.	Scale	Page
	After modification	Modified by	Modify date								Standard	Totally
SIC-45A										SIC-45A-CE-400V-B-2	CE	2
SHINI										信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.	Voltage	400V
										Frequency	50HZ	
										Voltage		400V
										Frequency		50HZ
										Standard		CE
										Totally		9
										Page		2
										Voltage		400V
										Frequency		50HZ



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

SIC-45A
Control Circuit Diagram 2

SIC-45A-CE-400V-B-2

Scale

Standard

Voltage

Frequency

Drawing NO.

Title

Version

Drawer

Designer

Proofread by

Checked by

Modify date

Modified by

After modification

Before modification

Date

Approved by

20160823

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50HZ

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2

400V

50HZ

CE

9

400V

50HZ

CE

2

400V

50HZ

CE

9

400V

50HZ

CE

2

400V

50HZ

CE

9

400V

50HZ

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400V

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CE

2

400V

50HZ

CE

9

400V

50HZ

CE

2

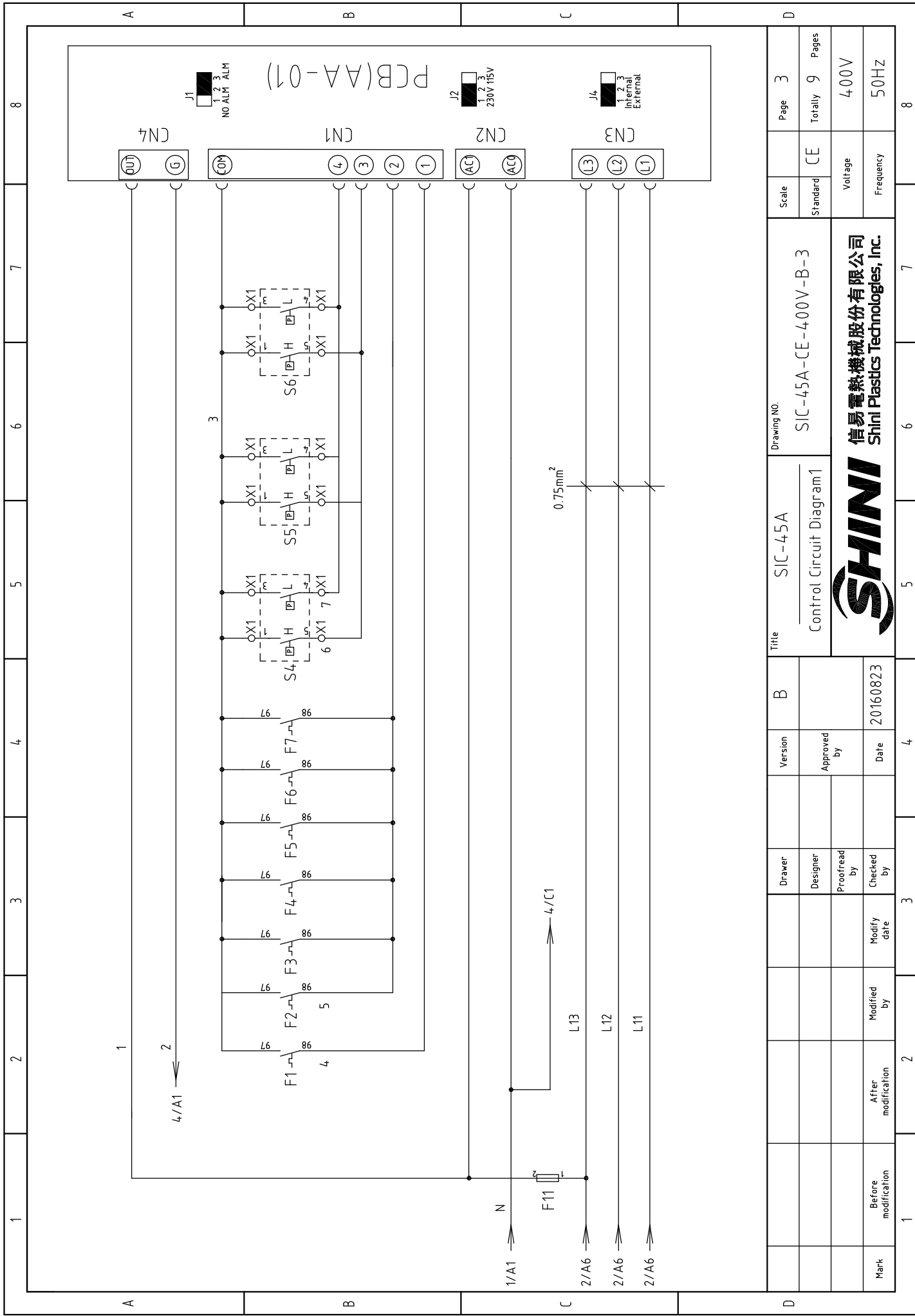
400V

50HZ

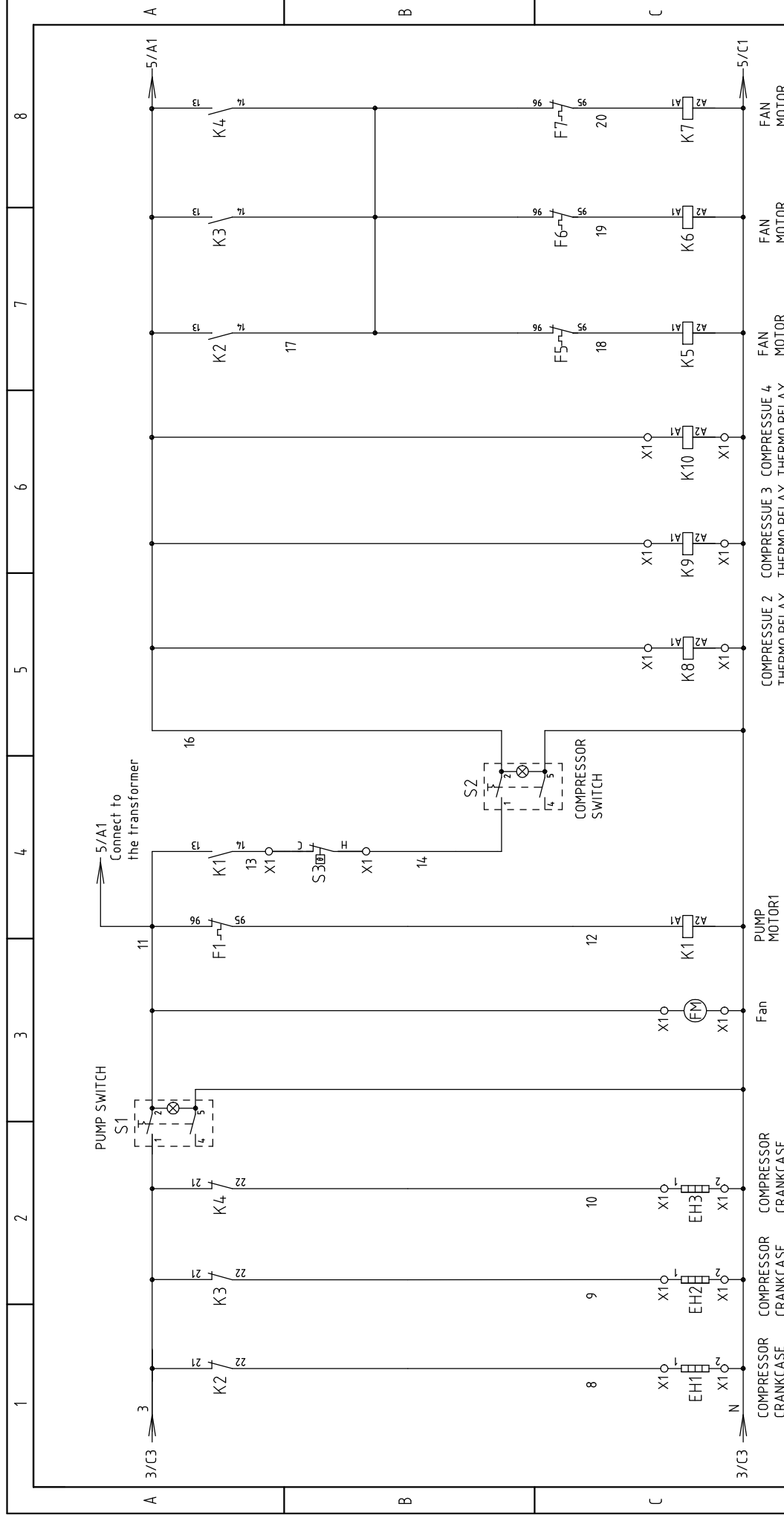
CE

9

400V



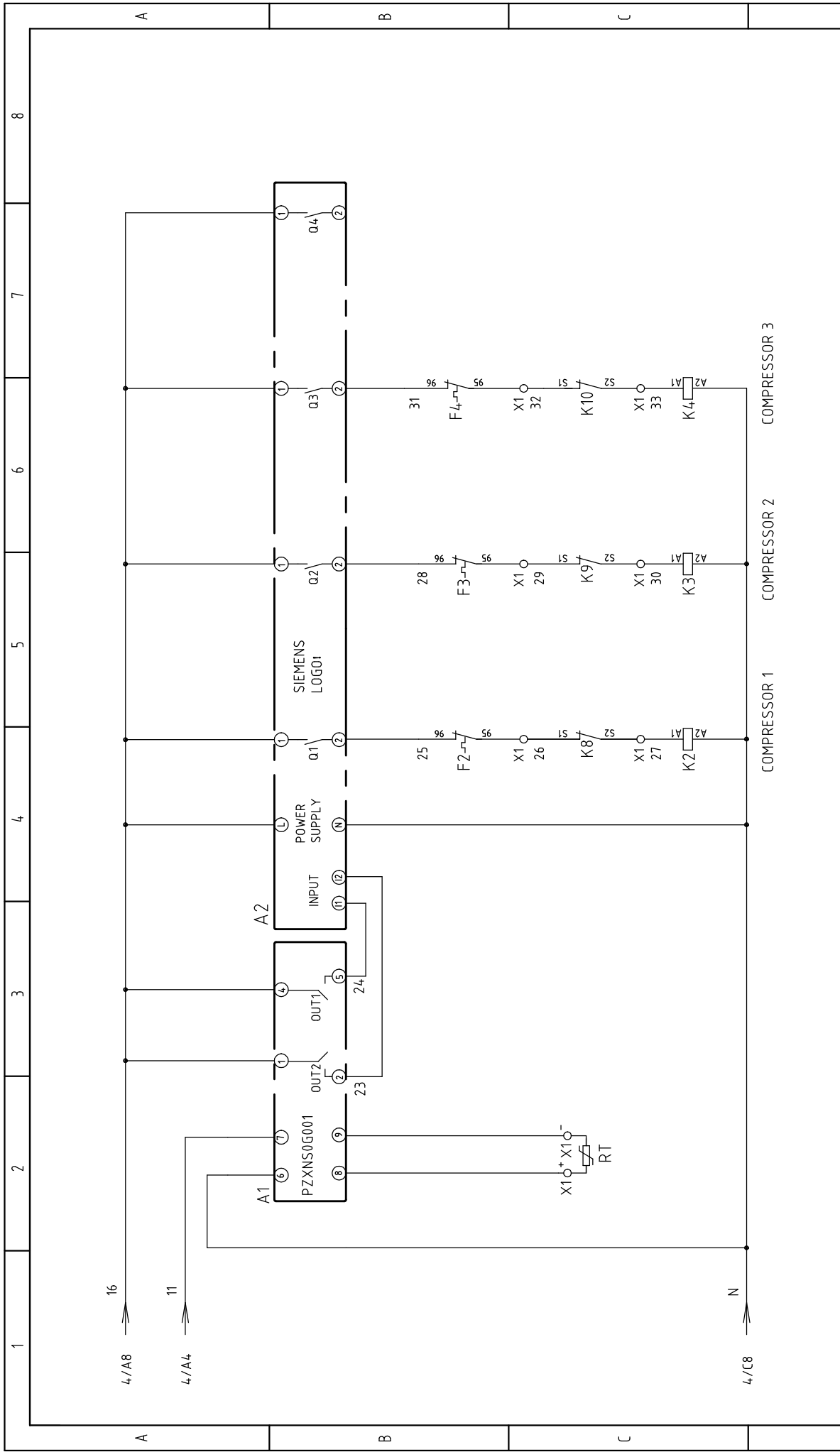
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Version		B		Control Circuit Diagram 1		Standard		Scale		CE	
Approved by				SHINI		Voltage		Frequency		400V 50HZ	
Date		20160823		信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Totally		Pages		9	
Checked by				SHINI		Modified by		Modified date		After modification	
Modify date				SHINI		Before modification		Before modification		After modification	



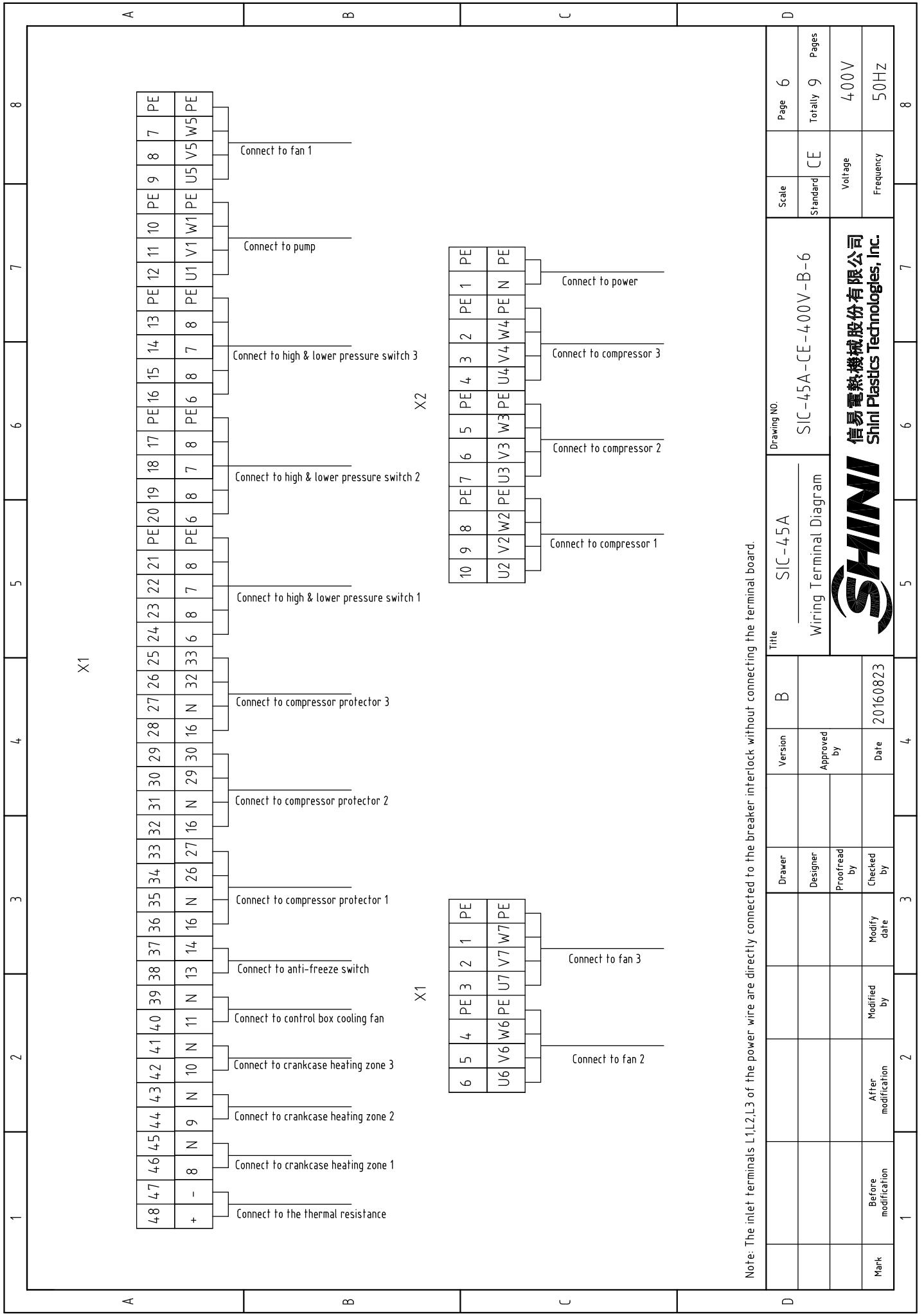
Title		SIC-45A		Drawing No.		SIC-45A-CE-400V-B-4		Page		4	
Control Circuit Diagram 2		Version		Approved by		Date		Standard		CE	
Mark		Before modification		After modification		Modified by		Voltage		400V	
Fan		PUMP MOTOR1		COMPRESSION 2 THERMO RELAY		COMPRESSION 3 THERMO RELAY		Frequency		50HZ	
Fan		PUMP MOTOR1		COMPRESSION 4 THERMO RELAY		FAN MOTOR CONTACTOR 1		Scale		Totally 9 Pages	
Fan		PUMP MOTOR1		COMPRESSION 4 THERMO RELAY		FAN MOTOR CONTACTOR 2		Standard		CE	
Fan		PUMP MOTOR1		COMPRESSION 4 THERMO RELAY		FAN MOTOR CONTACTOR 3		Voltage		400V	
Fan		PUMP MOTOR1		COMPRESSION 4 THERMO RELAY		FAN MOTOR CONTACTOR 3		Frequency		50HZ	

Note: The K8,K9,K10 are the normally closed contact of the protector reserved, which are short circuits when without the protector.





1	2	3	4	5	6	7	8
A	B	C	D				
Title			Version		Drawing NO.		
SIC-45A			C		SIC-45A-CE-400V-C-5		
Control Circuit Diagram 3			Approved by		Standard		
SHINI			Date		Voltage		
信易電熱機械股份有限公司			20210121		Frequency		
Shini Plastics Technologies, Inc.			4		400V		
Mark			3		50HZ		
Before modification			2		8		
After modification			1		Page		
Modified by			1		5		
Modify date			1		Totally		
Proofread by			1		9		
Designer			1		Pages		
Drawer			1		400V		



X1

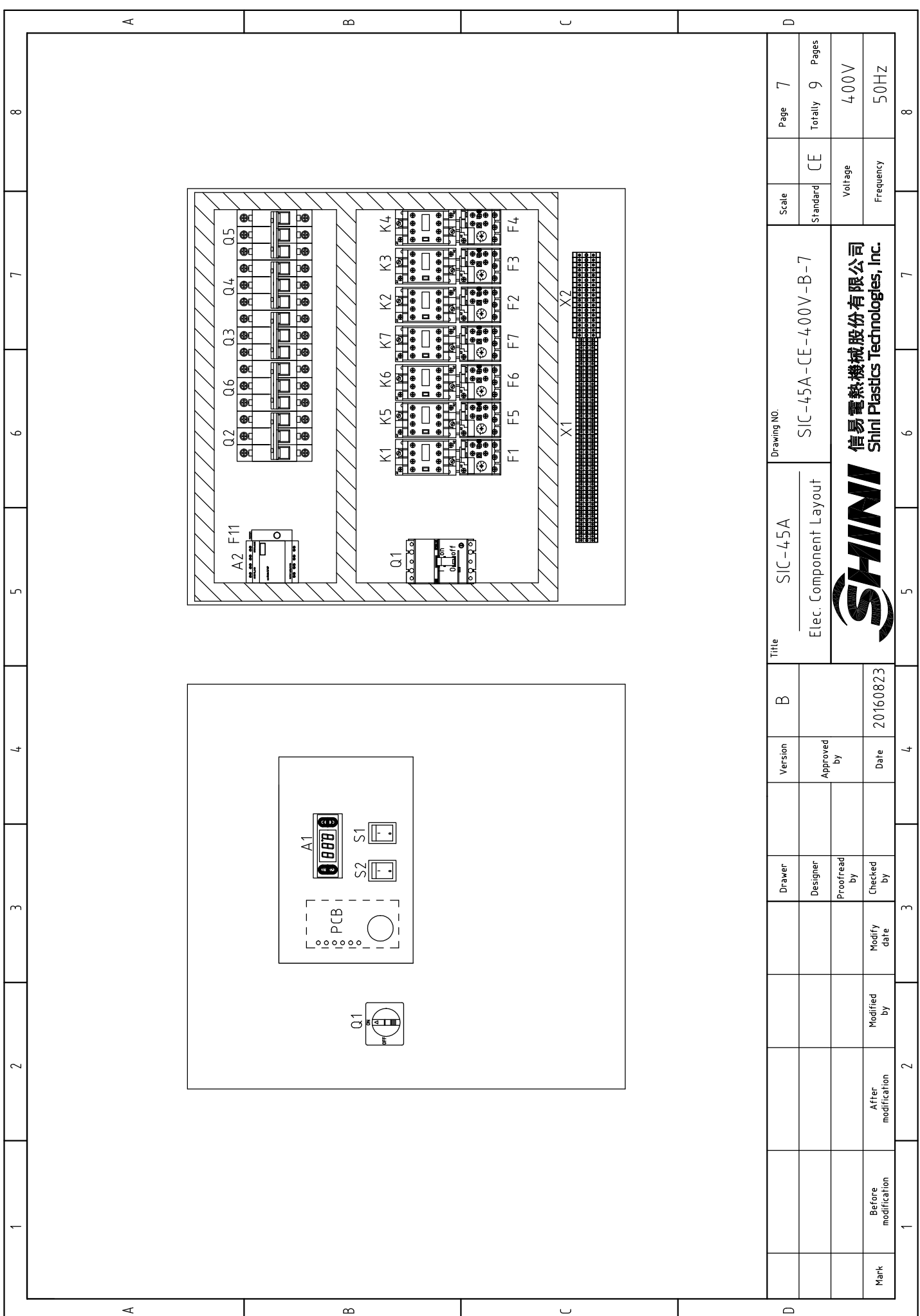
X2

X1

Note: The inlet terminals L1,L2,L3 of the power wire are directly connected to the breaker interlock without connecting the terminal board.

Title		SIC-45A		Drawing NO.		SIC-45A-CE-400V-B-6		Page		6	
Wiring Terminal Diagram								Scale		CE	
		Version		Approved by		Date		Standard		Voltage	
						20160823		CE		400V	
Mark		After modification		Modified by		Modify date		Frequency		50HZ	
								Voltage		400V	
								Frequency		50HZ	





Mark	Before modification	Modified by	Modify date	Checked by	Proofread by	Designer	Drawer	Version	B	Title SIC-45A		Drawing No. SIC-45A-CE-400V-B-7		Scale	Page 7
	After modification	Modified by	Modify date	Checked by	Proofread by	Designer	Drawer	Version	B	Elec. Component Layout		SIC-45A-CE-400V-B-7		Standard CE	Totally 9 Pages
											Date 20160823			Voltage 400V	
											Date 20160823			Frequency 50HZ	



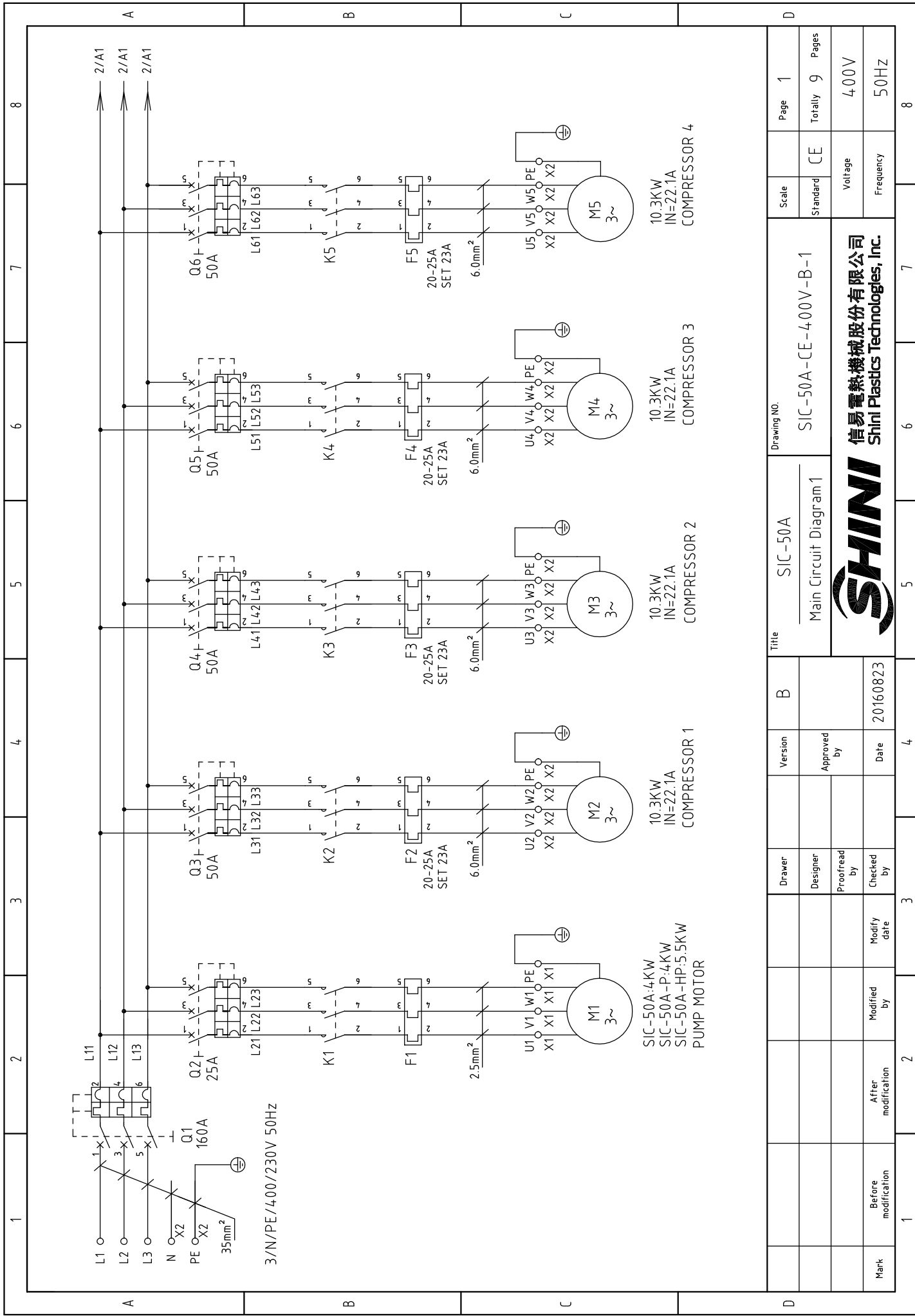
信易電熱機械股份有限公司
Shini Plastics Technologies, Inc.

1		2		3		4		5		6		7		8	
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark							
1	Q1	Breaker interlock	ABB	A2B250TMF160/16003PFF	160A	1	YE41161500000	----							
2	Q2	Circuit breaker	TECO	BM-63C 3P	25A	1	YE40302503000	----							
3	Q3 Q4 Q5	Circuit breaker	TECO	BM-63C 3P	63A	3	YE40306303000	----							
4	Q6	Circuit breaker	TECO	BM-63C 3P	20A	1	YE40302003000	----							
5	K1	Contacto	SIEMENS	3RT6017-1AN21	230V 50/60Hz	1	YE00601721000	----							
6	K2 K3 K4	Contacto	SIEMENS	3RT6027-1AN20	230V 50/60Hz	3	YE00602722000	----							
7	K5 K6 K7	Contacto	SIEMENS	3RT6017-1AN21	230V 50/60Hz	3	YE00601721000	----							
8	K8 K9	Compressor protector	----	----	230V 50/60Hz	2	----	----							
9	A1	Temperature controller	CAREL	PZXNS0G001	230VAC 50/60Hz	1	YE80000100100	----							
10	A2	LOGO! Controller	SIEMENS	LOGO! 230RCo	AC115V-230V	1	YE81023000600	----							
11	RT	Thermal resistance	CAREL	NTC025HP00	----	1	YE10250000000	----							
12	F1	Thermal overload relay	SIEMENS	3RU6116-1KB0	9-12.5A	1	YE01169125000	----							
13	F2 F3 F4	Thermal overload relay	SIEMENS	3RU6126-4EB0	27-32A	3	YE01612600600	----							
14	F5 F6 F7	Thermal overload relay	SIEMENS	3RU6116-1FB0	3.5-5A	3	YE01160350000	----							
15	F11	Fuse	YINDA	FS-10	2A	1	YE41001000000	----							
16	S1 S2	Alternative switch	MOLVETNO	R210-C5LBW 4P	250V~10(5)A 4P WH	2	YE10210400000	----							
17	S3	Anti-frozen switch	PADOIGY	TR/711-N	250V 16(4)A	1	----	(1)							
18	S4, S5, S6	HI-LO pressure switch	FENSHEN	P830HLM	Hi-5-30bar L:-0.7-6bar	3	----	(1)							
19	PCB	Control board	YUYUN	AA-01	230V 50Hz	1	YE80000100000	----							
20	X1	Terminal board	----	2.5mm ²	----	48	YE60002503200	----							
21	X2	Terminal board	----	2.5mm ² PE	----	7	YE61002500500	----							
22	X2	Terminal board	----	6.0mm ²	----	9	YE60000603200	----							
23	X2	Terminal board	----	6.0mm ² PE	----	3	YE60000603500	----							
24	FAN	Terminal board	DINKLE	DKB100(115A)	----	2	YE60100006900	----							
25	FAN	Fan	----	----	230V 50/60Hz	1	----	(1)							

Note:(1)Materials not in the control box;(2) Options;

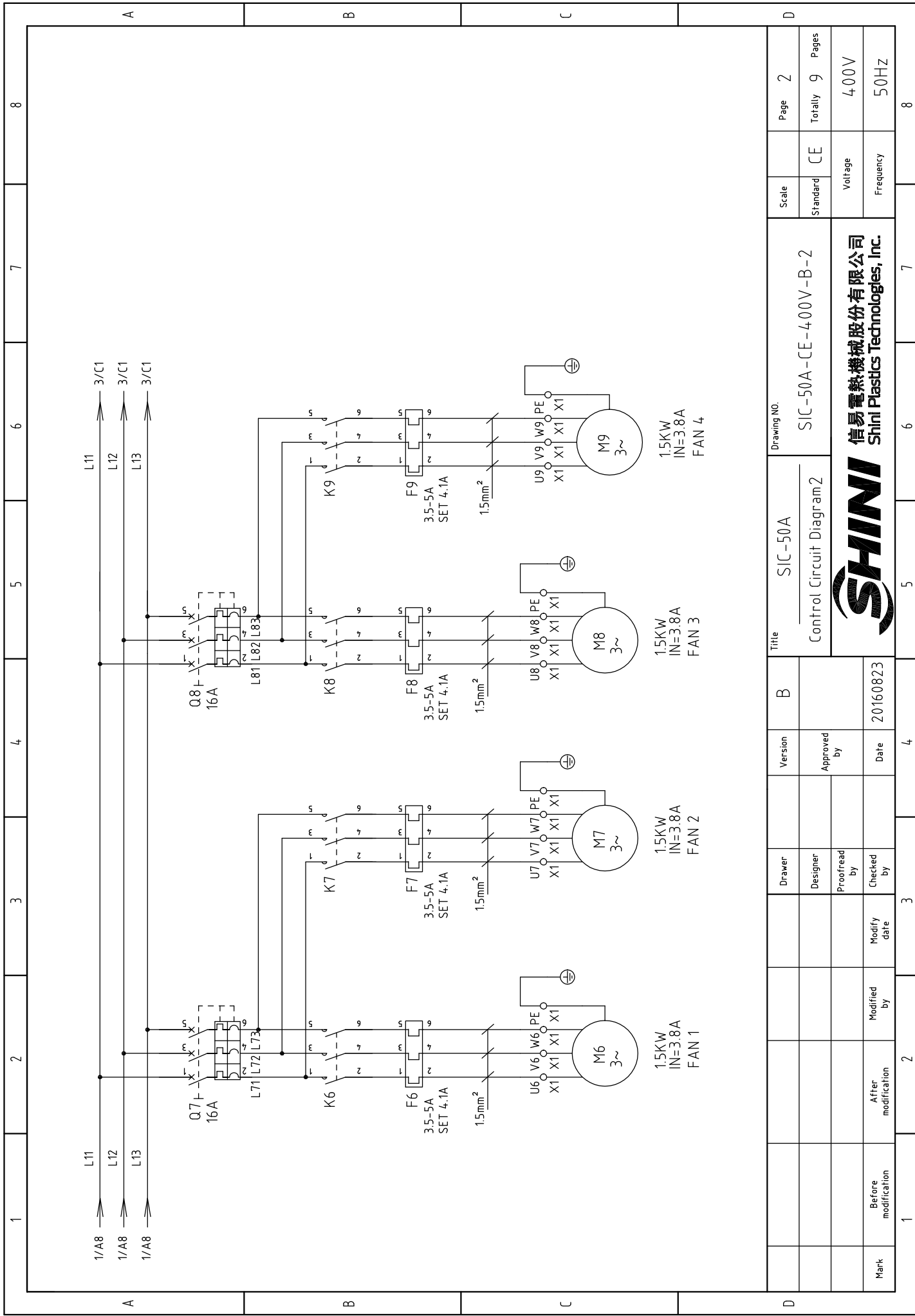
1		2		3		4		5		6		7		8	
Mark	Before modification	After modification	Modified by	Modify date	Checked by	Proofread by	Designer	Version	Title		Drawing NO.		Scale	Page	
									SIC-45A	SIC-45A	SIC-45A-CE-400V-C-8		CE	8	
				20210121					Elec. Parts List 1				Standard	Totally 9	
													Voltage	400V	
													Frequency	50Hz	
														8	





Drawing NO.		SIC-50A		SIC-50A-CE-400V-B-1		Page 1	
Title		Main Circuit Diagram 1		Standard		CE	
Version		B		Voltage		400V	
Approved by		20160823		Frequency		50HZ	
Date		20160823		Totally		9	
Checked by				Pages		1	
Modified by				Voltage		400V	
After modification				Frequency		50HZ	
Before modification				Totally		9	
Mark				Pages		1	





Scale	Page 2
Standard	Totally 9 Pages
Voltage	400V
Frequency	50HZ

Drawing NO.	SIC-50A-CE-400V-B-2
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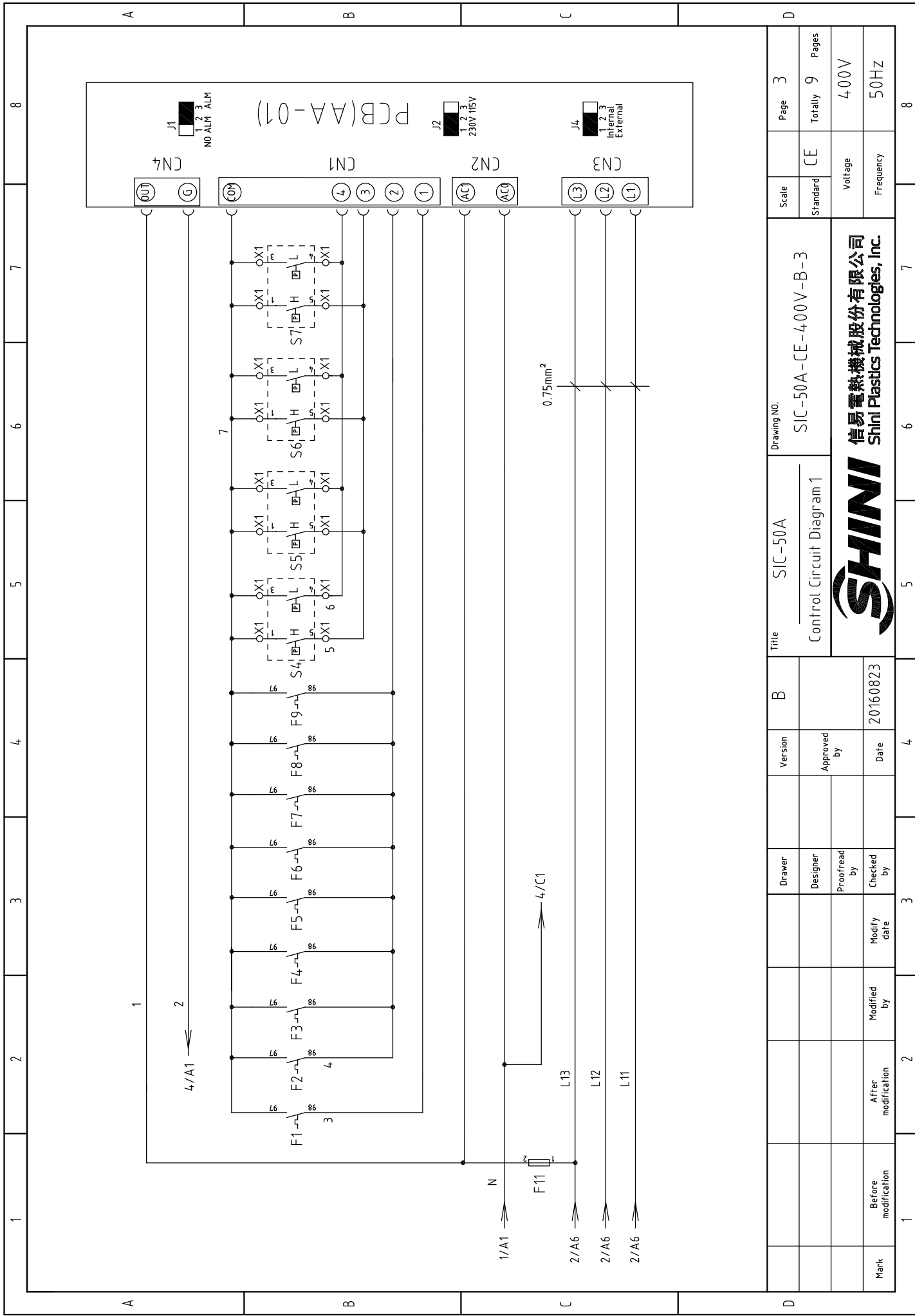
Title	SIC-50A
Control Circuit Diagram 2	


Version	B
Approved by	
Date	20160823

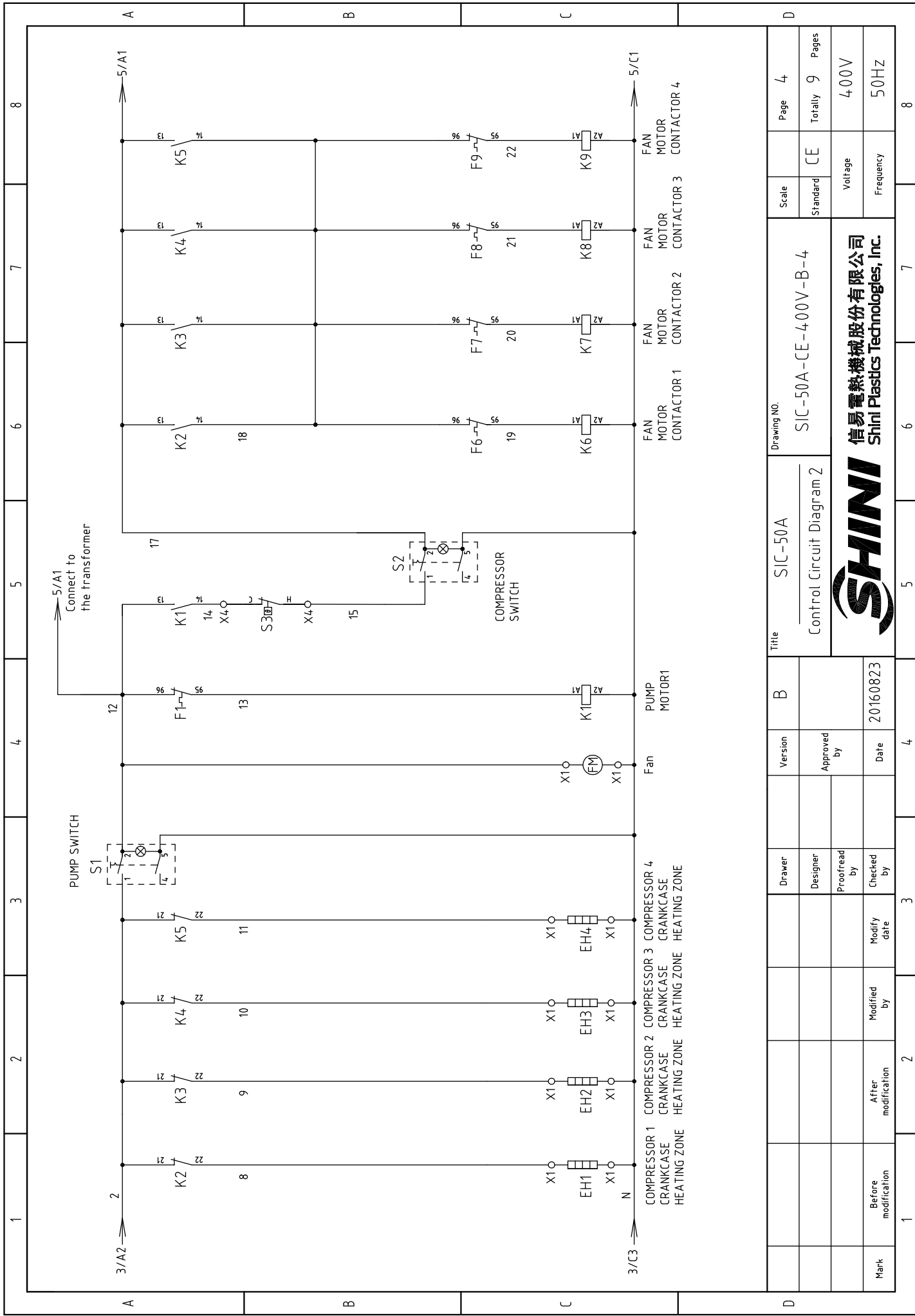
Drawer	
Designer	
Proofread by	
Checked by	
Modify date	

Mark	Before modification	After modification
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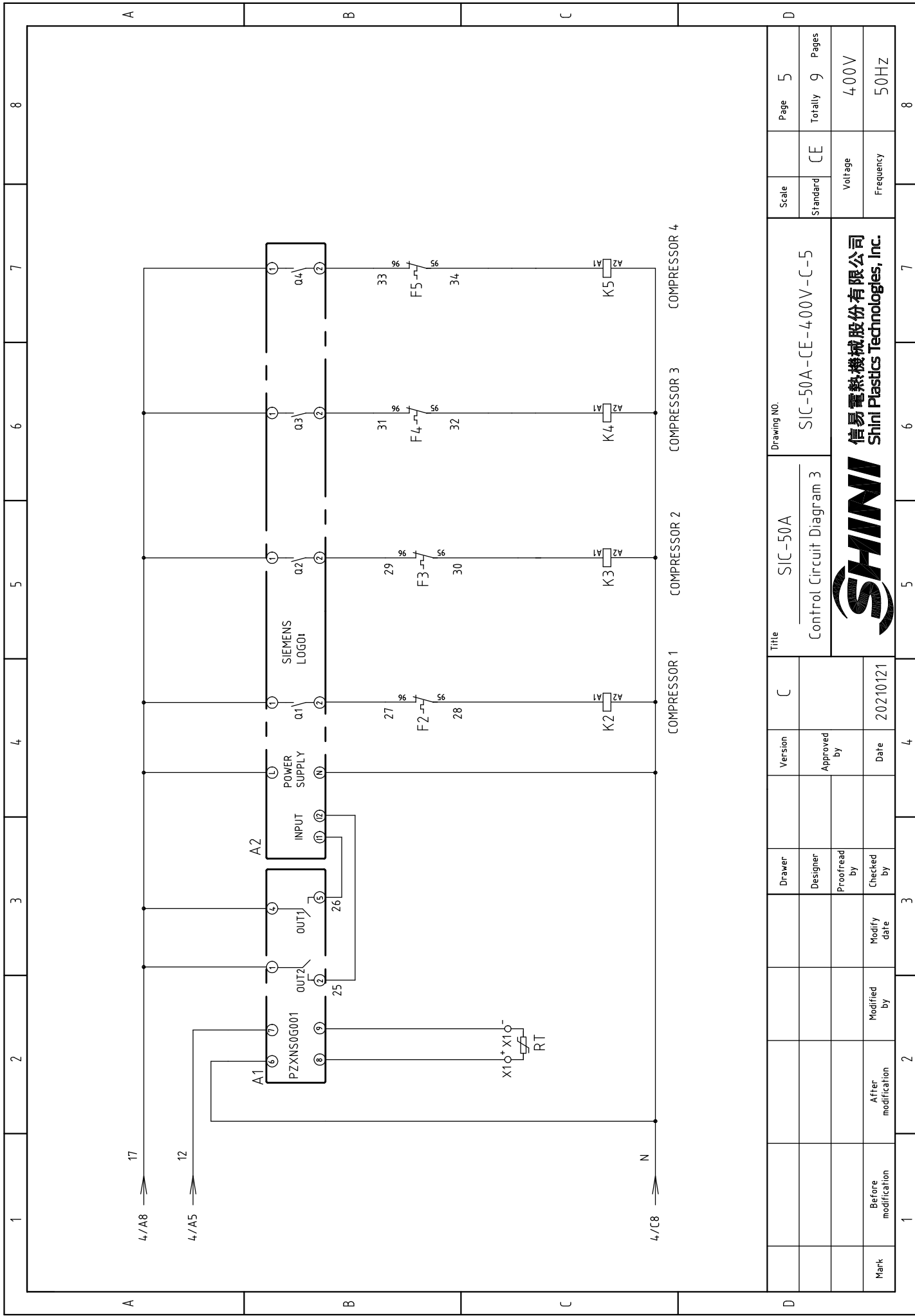
SHINI
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Shini Plastics Technologies, Inc.



Mark	Before modification	Modified by	Modify date	Checked by	Date	Approved by	Version	B	Title	Drawing NO.		Page	3	
	After modification	Modified by	Modify date							SIC-50A-CE-400V-B-3				Standard
 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.										Voltage		400V		
										Frequency		50Hz		
1	2	3	4	5	6	7	8							

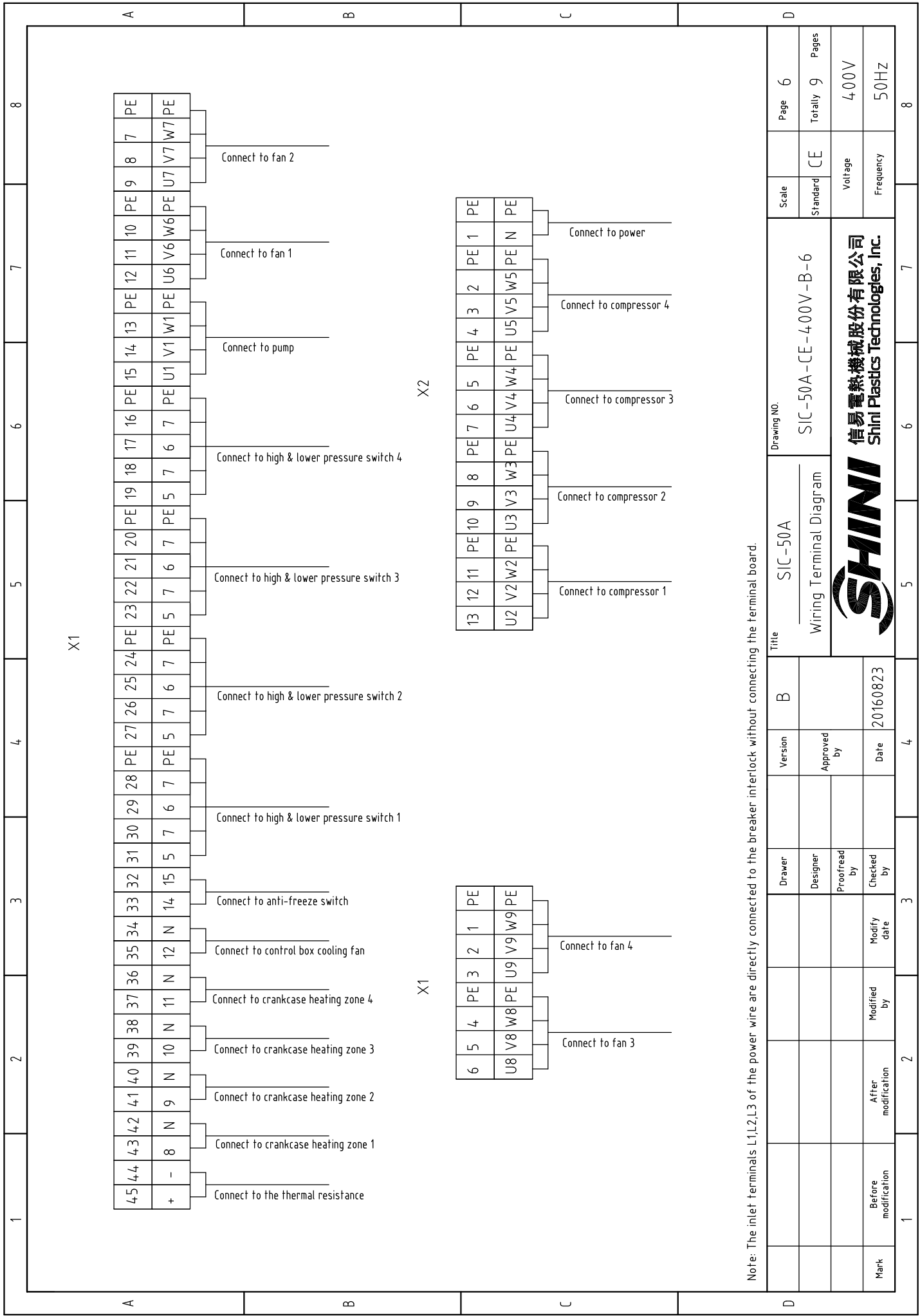


Title		SIC-50A		Drawing No.		SIC-50A-CE-400V-B-4		Scale		Page 4	
Version		B		Control Circuit Diagram 2		Standard		CE		Totally 9 Pages	
Approved by				Voltage		400V		Frequency		50HZ	
Date		20160823		SHINI		信易電熱機械股份有限公司		Shini Plastics Technologies, Inc.		8	
Drawer				5		6		7		8	
Designer				4		5		6		7	
Proofread by				3		4		5		6	
Checked by				3		4		5		6	
Modify date				3		4		5		6	
Modified by				2		3		4		5	
After modification				1		2		3		4	
Before modification				1		2		3		4	



Mark	Before modification	Modified by	Modify date	Checked by	Date	Version	C	Title	SIC-50A Control Circuit Diagram 3	Drawing NO. SIC-50A-CE-400V-C-5	Scale	Page	
	After modification				20210121						Standard	CE	Standard
											Voltage	400V	
											Frequency	50Hz	
											Totally		9
											Pages		8





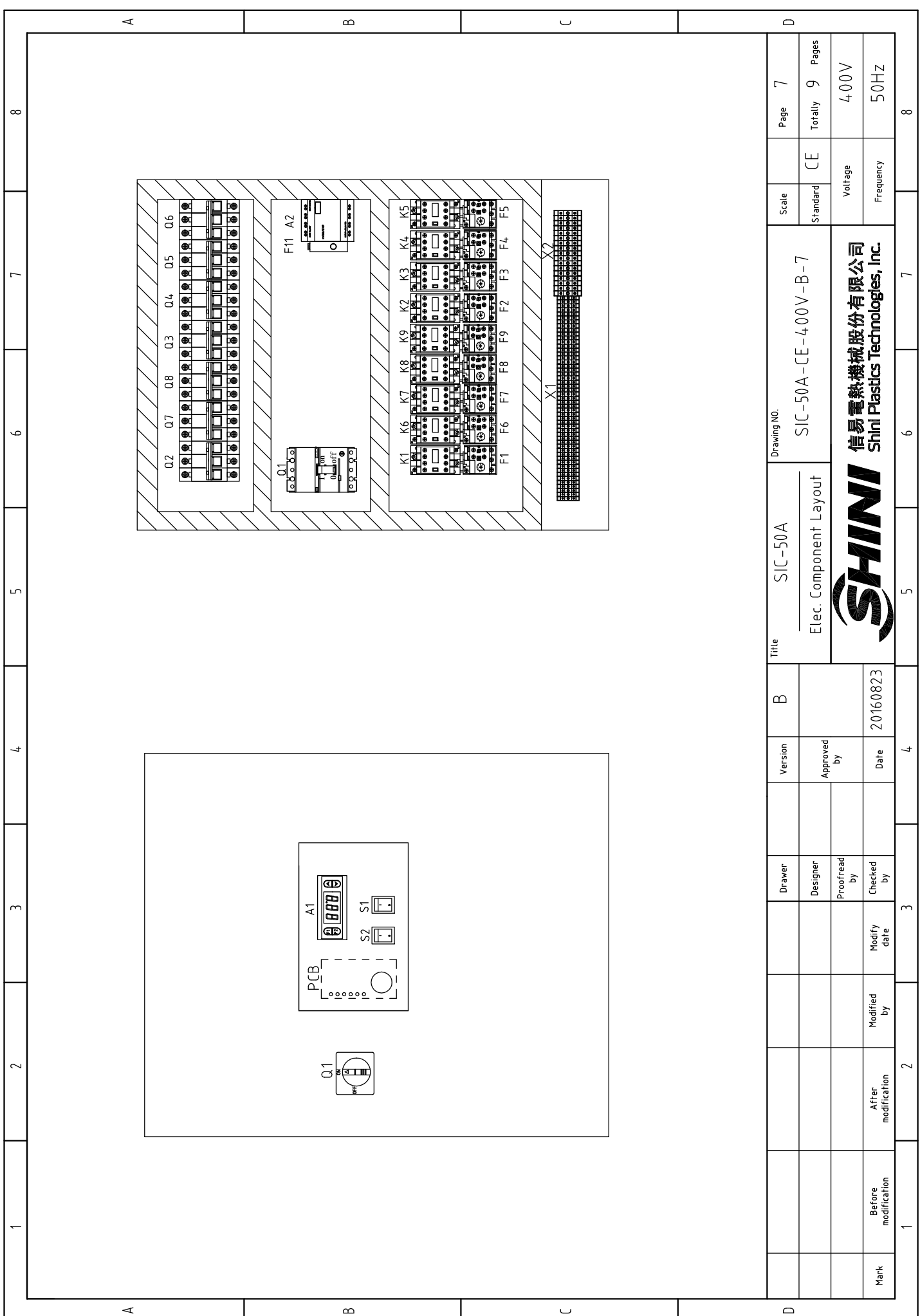
X1

X2

X1

Note: The inlet terminals L1,L2,L3 of the power wire are directly connected to the breaker interlock without connecting the terminal board.


Title		SIC-50A		Drawing No.		SIC-50A-CE-400V-B-6		Page		6	
Wiring Terminal Diagram		Version		Approved by		Standard		Voltage		400V	
SHINI		Date		Checked by		Frequency		Totally		9	
信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		20160823		Modify date		Voltage		Frequency		50HZ	
Mark		Before modification		After modification		Modify by		1		2	
1		2		3		4		5		6	
7		8		9		10		11		12	



Mark	Before modification	Modified by	Modify date	Checked by	Proofread by	Designer	Drawer	Version	B	Title	Drawing No.	Scale	Page	7
	After modification	Modified by	Modify date	Checked by	Proofread by	Designer	Drawer						Standard	CE
											Voltage	400V		
											Frequency	50HZ		
											SIC-50A-CE-400V-B-7			
											Elec. Component Layout			
											SIC-50A			
											Date		20160823	
											Approved by			
											Date		20160823	
											SHINI			
											信易電熱機械股份有限公司			
											Shini Plastics Technologies, Inc.			

1		2		3		4		5		6		7		8	
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark							
1	Q1	Breaker interlock	ABB	A2B250TMF160/16003PFF	160A	1	YE41161500000	----							
2	Q2	Circuit breaker	TECO	BM-63C 3P	25A	1	YE40302503000	----							
3	Q3 Q4 Q5 Q6	Circuit breaker	TECO	BM-63C 3P	50A	4	YE40305003000	----	A						
4	Q7 Q8	Circuit breaker	TECO	BM-63C 3P	16A	2	YE40301603000	----							
5	K1	Contact	SIEMENS	3RT6017-1AN21	230V 50/60Hz	1	YE00601721000	----							
6	K2 K3 K4 K5	Contact	SIEMENS	3RT6027-1AN20	230V 50/60Hz	4	YE00602722000	----							
7	K6 K7 K8 K9	Contact	SIEMENS	3RT6017-1AN21	230V 50/60Hz	4	YE00601721000	----							
8	A1	Temperature controller	CAREL	PZXNS0G001	230VAC 50/60Hz	1	YE80000100100	----							
9	A2	LOGO! Controller	SIEMENS	LOGO! 230RC0	AC115V-230V	1	YE81023000600	----							
10	RT	Thermal resistance	CAREL	NTC025HP00	----	1	YE10250000000	----							
11	F1	Thermal overload relay	SIEMENS	3RU6116-1KB0	9-12.5A	1	YE01169125000	----	B						
12	F2 F3 F4 F5	Thermal overload relay	SIEMENS	3RU6126-4DB0	20-25A	4	YE01260200000	----							
13	F6 F7 F8 F9	Thermal overload relay	SIEMENS	3RU6116-1FB0	3.5-5A	4	YE01160350000	----							
14	F11	Fuse	YINDA	FS-10	2A	1	YE41001000000	----							
15	S1 S2	Alternative switch	MOLVETNO	R210-C5LBW 4P	250V~10(5)A 4P WH	2	YE10210400000	----							
16	S3	Anti-frozen switch	PADOIGY	TR/711-N	250V 16(4)A	1	----	(1)							
17	S4	HI-LO pressure switch	FENSHEN	P830HLM	H:5-30bar L:-0.7-6bar	1	----	(1)							
18	PCB	Control board	YUYUN	AA-01	230V 50Hz	1	YE80000100000	----							
19	X1	Terminal board	----	2.5mm ²	----	45	YE60002503200	----	C						
20			----	2.5mm ² PE	----	9	YE61002500500	----							
21	X2	Terminal board	----	6.0mm ²	----	12	YE60000603200	----							
22			----	6.0mm ² PE	----	4	YE60000603500	----							
23	FAN	Terminal board	DINKLE	DKB100(115A)	----	2	YE60100006900	----							
24	FAN	Fan	----	----	230V 50/60Hz	1	----	(1)							
25	M1	Pump motor	----	----	400V 50Hz	1	See appendix	(1)							

Note:(1)Materials not in the control box;(2) Options;

1		2		3		4		5		6		7		8			
Mark	Before modification	After modification	Modified by	Modify date	Checked by	Proofread by	Designer	Drawer	Version	C		Title		Drawing NO.			
										SIC-50A		SIC-50A-CE-400V-C-8		Scale	Page 8		
										Elec. Parts List 1		CE		Standard	Totally 9 Pages		
										20210121		Voltage		400V			
										Date		Frequency		50Hz			
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