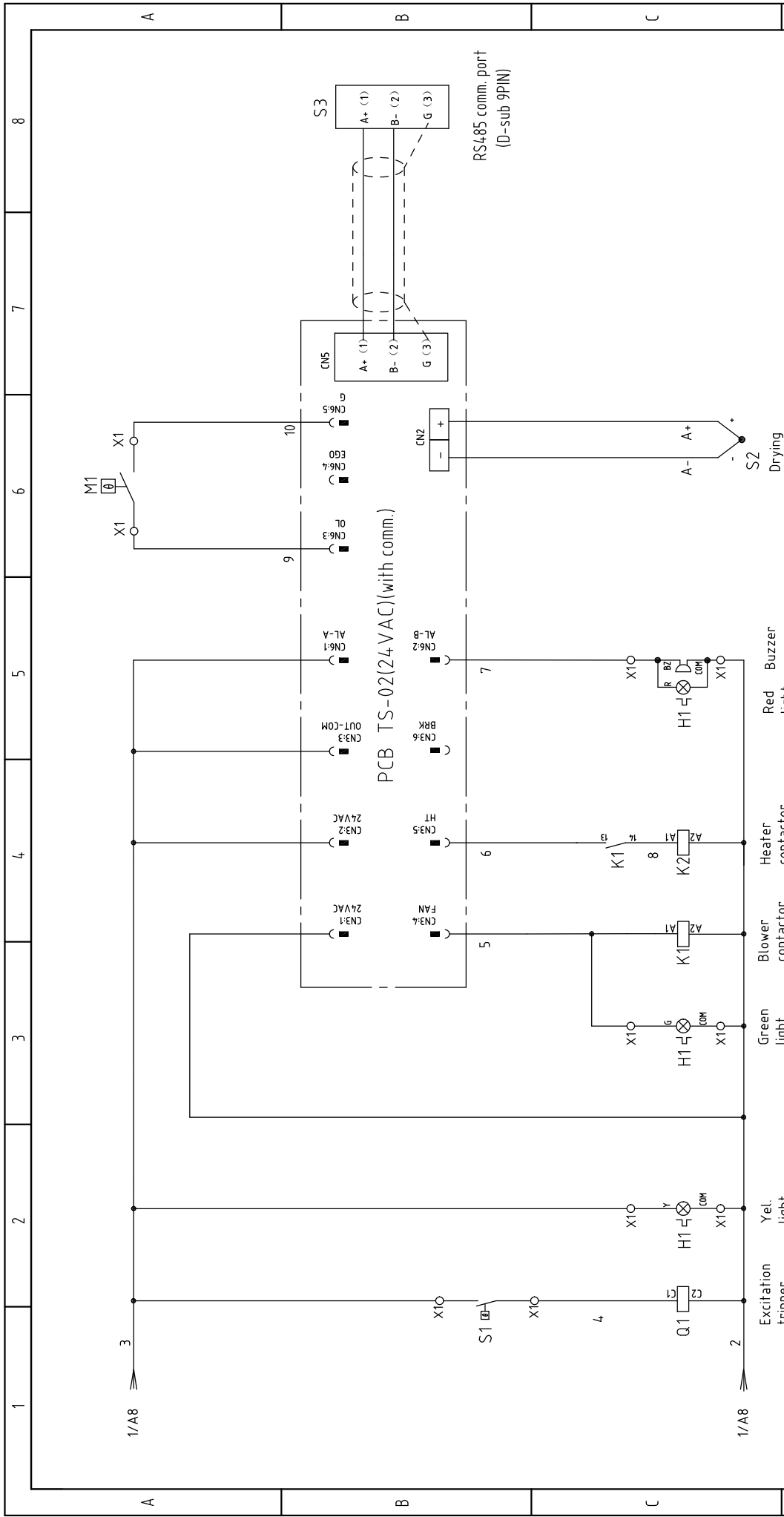


机型版本 Ver.B

Drawer	Version	0	Title	SHD-12E	Drawing No.	SHD-12E-CE-400V-0-1
Designer	Approved by		Main Circuit Diagram			
Proofread by	Date	20201231				
Checked by	Modify date					
After modification	Modified by					
Before modification	Modify date					



Scale	Page	1
Standard	CE	Totally 4
Pages	3φ400V	
Voltage	50Hz	
Frequency		



机型版本 Ver.B

Notes: M1 is the overheat protector of the drying blower.

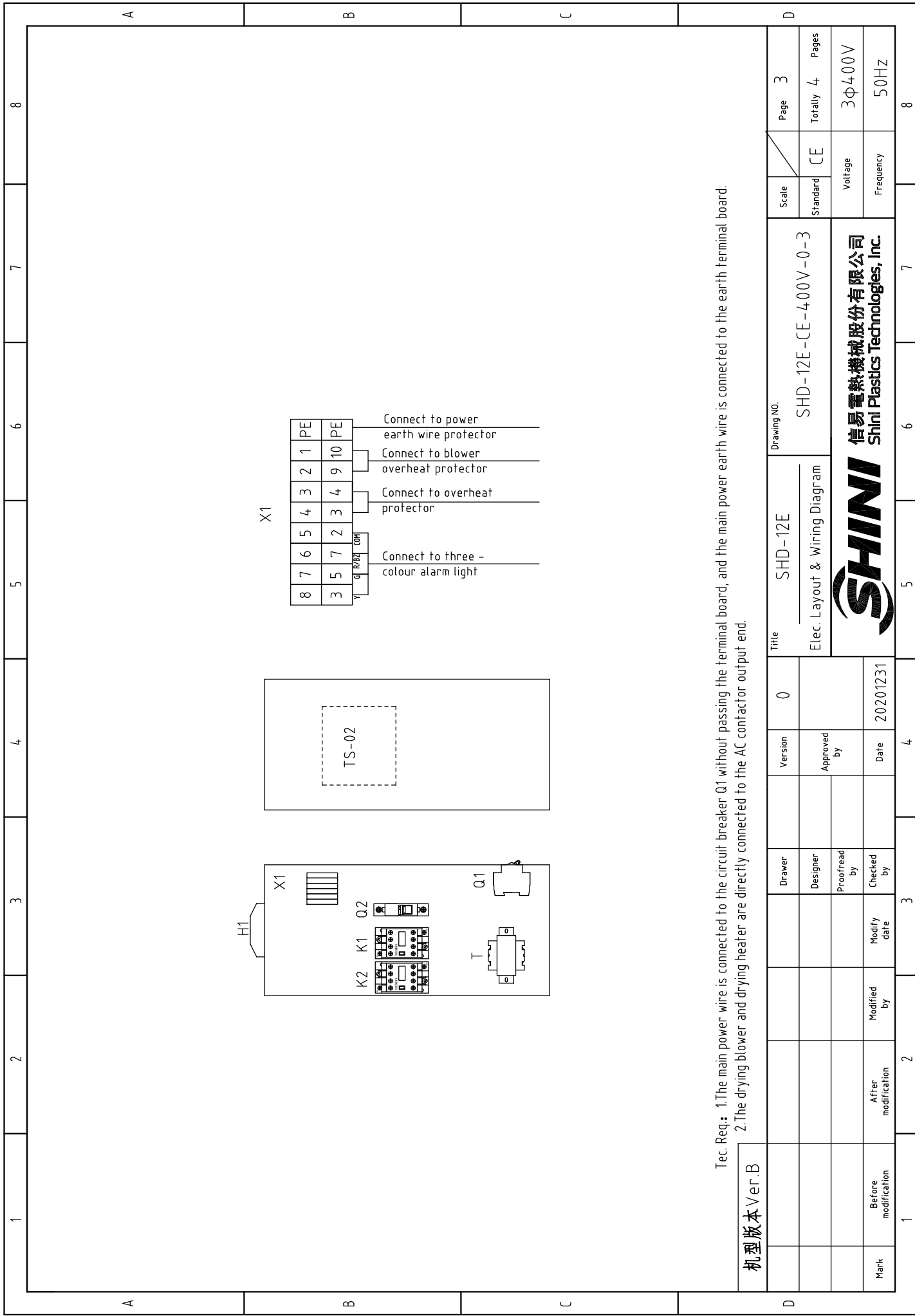
Drawer	Version	0
Designer	Approved by	
Proofread by	Date	20201231
Checked by	Modify date	
After modification	Modified by	
Before modification	Modify date	

Title SHD-12E
Electrical Principle

Drawing NO. SHD-12E-CE-400V-0-2

Scale	Page	2
Standard	Totally	4
	CE	
Voltage	3 ϕ 400V	
Frequency	50Hz	





Tec. Req.: 1.The main power wire is connected to the circuit breaker Q1 without passing the terminal board, and the main power earth wire is connected to the earth terminal board.
 2.The drying blower and drying heater are directly connected to the AC contactor output end.

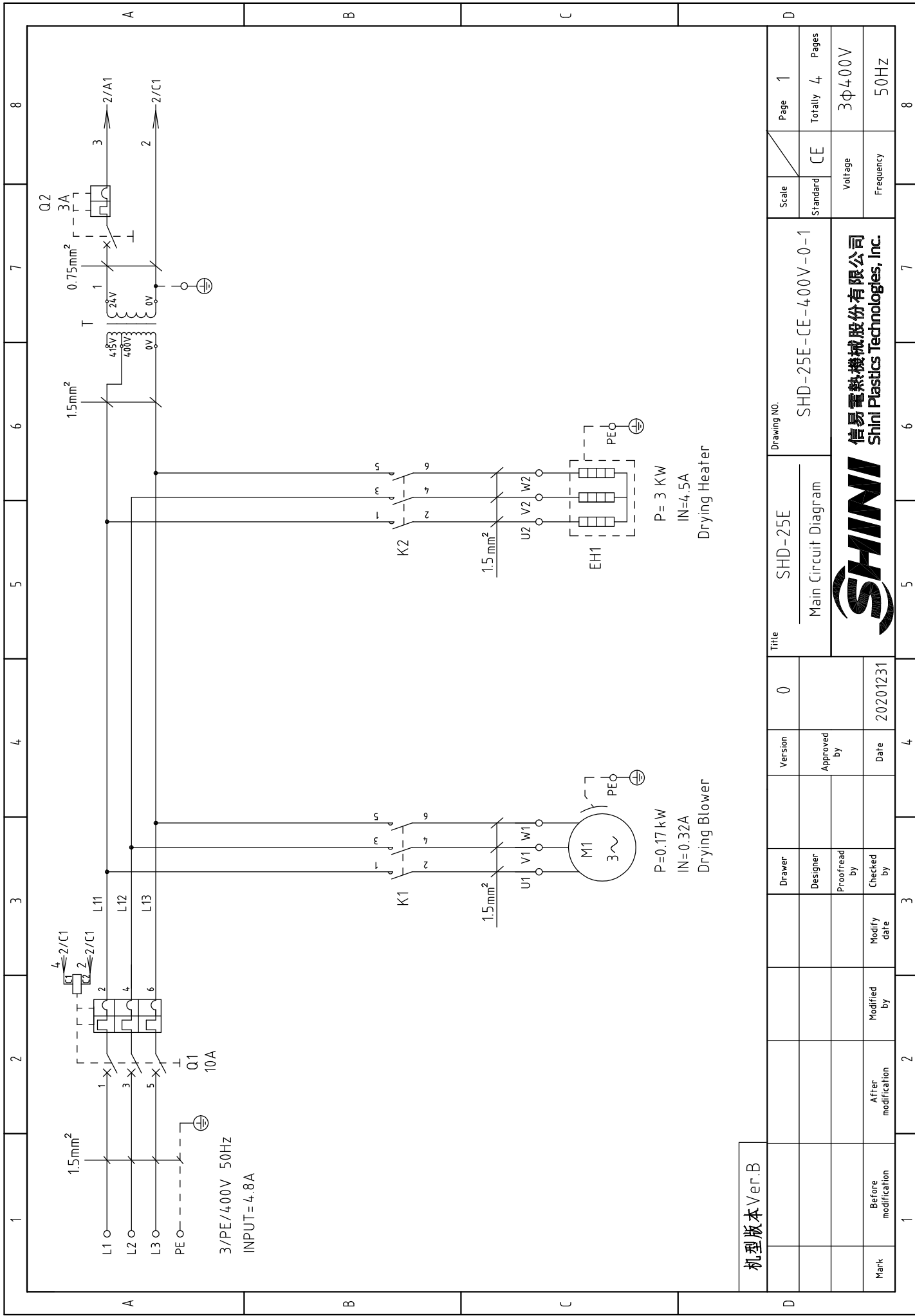
机型版本 Ver.B

Mark	Before modification	Modified by	Modify date	Checked by	Date	Version	0	Title	SHD-12E	Drawing NO.	SHD-12E-CE-400V-0-3	Scale	Page	3
	After modification	Modified by	Modify date	Checked by	Date		Approved by		0		Elec. Layout & Wiring Diagram		SHD-12E-CE-400V-0-3	Standard
												Voltage	3Φ400V	
												Frequency	50HZ	
												Page	3	
												Totally	4	
												Pages	8	



1	2		3	4	5	6	7	8
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark
1	Q1	Circuit breaker	TECO	BM-63C/3010S	10A 3P	1	YE40301003000	
2		Excitation tripper	----	MX	24V 50/60Hz	1	YE40024000000	
3	Q2	Circuit breaker	TECO	BM-63C/1003S	3A 1P	1	YE40100203000	A
4	K1	Contacto	SIEMENS	3RT6015-1AB01	24V 7A 50/60Hz 1N0	1	YE00601502500	
5	K2	Contacto	SIEMENS	3RT6016-1AB01	24V 9A 50/60Hz	1	YE00601602500	
6	T	Transformer	JIUXIN	IN=400V/415V OUT=24V	80VA	1	YE700400006500	
7	PCB	Dryer controller/PCB	YuYun	TS-02(24VAC)(with comm.)	24V 50/60Hz	1	YE80022401200	
8	S1	Overheat protector	----	----	130 °C	1	----	(1)
9	S2	Thermocouple	SHINI	KTYPE	----	1	----	(1)
10	S3	Communication interface board RS-485 (double Dsub-9pin connector)		----	----	1	YE90048501200	
11		Shell RS485(SAL-700G-A-19)ver.0	BINCHEG	----	----	1	YR40048500000	B
12	M1	Blower	----	----	400V 50HZ	1	----	(1)
13	EH1	Heater	SHINI	----	0.1kW 400V 50HZ	1	----	(1)
14	X1	Spring wiring terminal SK2.5 (Honeywell)	Honeywell	SK2.5	2.5mm ²	8	YE60002503200	
15		Wiring terminal SK2.5(Honeywell)	Honeywell	GK2.5PE	2.5mm ² PE	1	YE60002503400	
16		Terminal fittings E/GK series (Honeywell)	Honeywell	E	GK series	2	YE60000003900	
17	H1	3-color alarm lamp	SHINI	red.yel.green+ buzzer	24V AC/DC	1	BL90002401520	
C								
D								
机型版本 Ver.B								
Note: (1) Materials not in the control box;								
Title				SHD-12E		Drawing NO.		Page
Elec. Parts List 1				SHD-12E-CE-400V-0-4		Scale		4
Version				0		Standard		CE
Approved by						Voltage		3Φ400V
Date				20201231		Frequency		50HZ
Total				4		Page		8
Mark				Before modification		After modification		Modified by
Modified date						Checked by		
Proofread by						Designer		
Drawer						Designer		

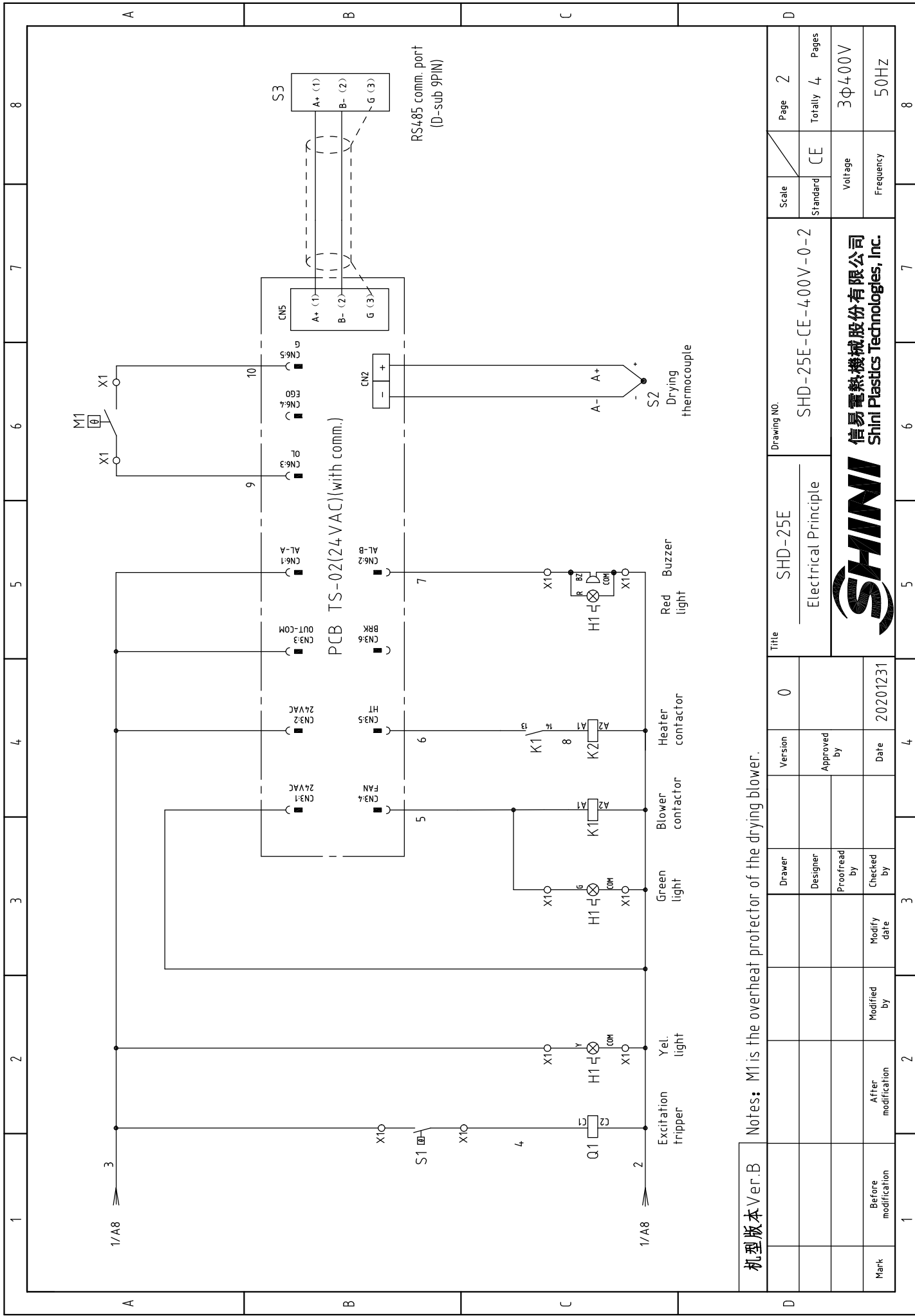




机型版本 Ver.B

Mark	Before modification	Modified by	Modify date	Checked by	Date	Approved by	Version	0	Title	SHD-25E	Drawing NO.	SHD-25E-CE-400V-0-1	Scale	CE	Page	1	
	After modification				20201231				Main Circuit Diagram				Standard	CE	Totally	4	
																Pages	
																Voltage	3φ400V
																Frequency	50Hz





机型版本 Ver.B

Notes: M1 is the overheat protector of the drying blower.

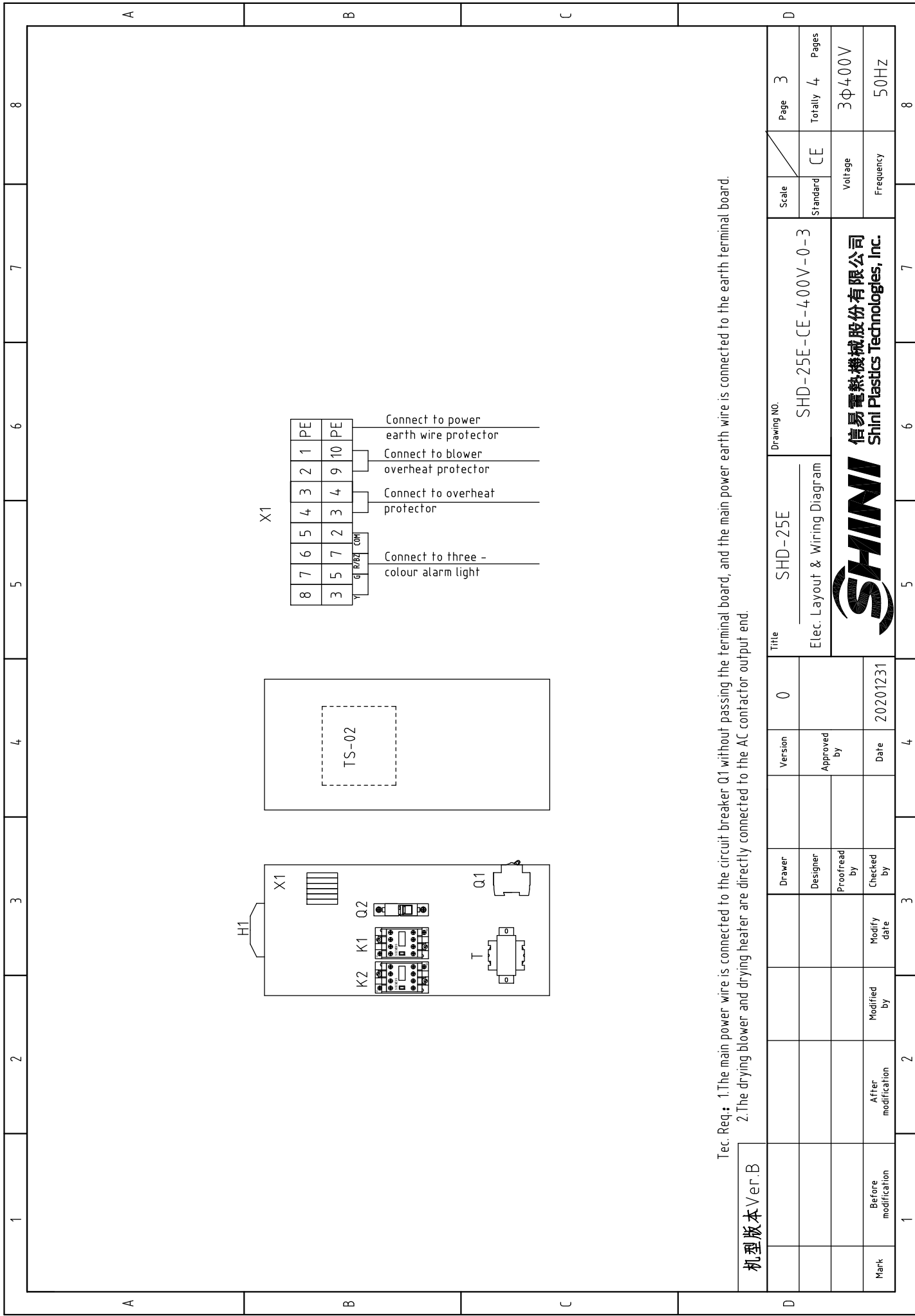
Drawer	Version	0
Designer	Approved by	
Proofread by	Date	20201231
Checked by	Modify date	
After modification	Modified by	
Before modification	Modify date	

Title SHD-25E
Electrical Principle

Drawing NO. SHD-25E-CE-400V-0-2

Scale	Page	2
Standard	Totally	4
	Pages	
Voltage	3φ400V	
Frequency	50Hz	





Tec. Req: 1.The main power wire is connected to the circuit breaker Q1 without passing the terminal board, and the main power earth wire is connected to the earth terminal board.
 2.The drying blower and drying heater are directly connected to the AC contactor output end.

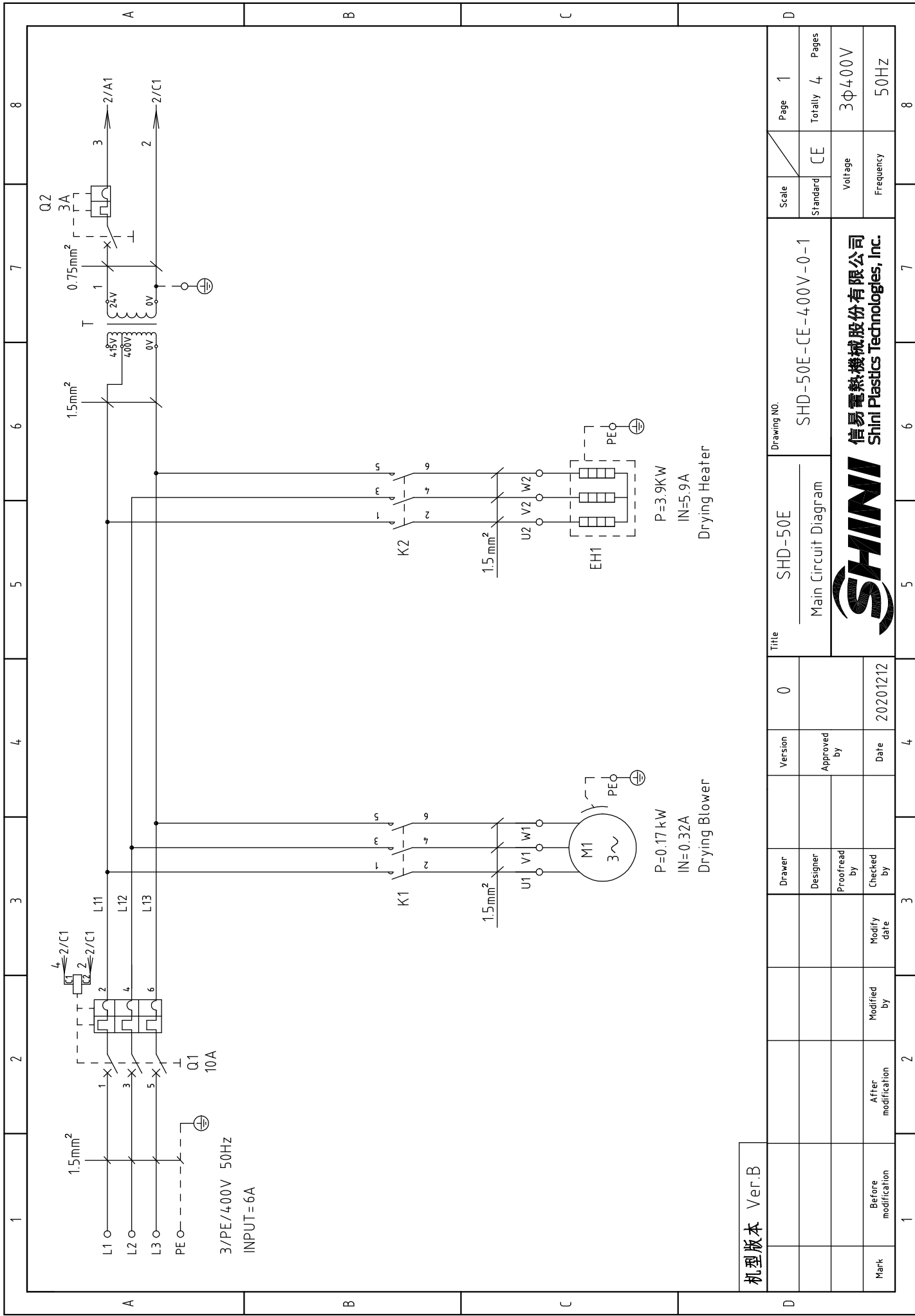
机型版本 Ver.B

Mark	Before modification	Modified by	Modify date	Checked by	Date	Version	0	Title	SHD-25E	Drawing NO.	SHD-25E-CE-400V-0-3	Scale	Page	3
	After modification	Modified by	Modify date	Checked by	Date		Approved by		0		Elec. Layout & Wiring Diagram		SHD-25E-CE-400V-0-3	Standard
												Voltage	3φ400V	
												Frequency	50HZ	
												Page		3
												Totally		4
												Pages		8



1	2		3	4	5	6	7	8
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark
1	Q1	Circuit-breaker	TECO	BM-63C/3010S	10A 3P	1	YE40301003000	
2		Excitation tripper	---	MX	24V 50/60Hz	1	YE40024-000000	
3	Q2	Circuit breaker	TECO	BM-63C/1003S	3A 1P	1	YE40100203000	A
4	K1	Contact	SIEMENS	3RT6015-1AB01	24V 7A 50/60Hz INO	1	YE00601502500	
5	K2	Contact	SIEMENS	3RT6016-1AB01	24V 9A 50/60Hz	1	YE00601602500	
6	T	Transformer	JIUXIN	IN=400V/415V OUT=24V	80VA	1	YE7004-0006500	
7	PCB	Dryer controller/PCB	YuYun	TS-02(24VAC)(with comm.)	24V 50/60Hz	1	YE800224-01200	
8	S1	Overheat protector	---	---	130 °C	1	---	(1)
9	S2	Thermocouple	SHINI	KTYPE	---	1	---	(1)
10	S3	Communication interface board RS-485 (double D-sub-9pin connector)	---	---	---	1	YE9004-8501200	
11		Shell RS485(SAL-700G-A-19)ver.0	---	---	---	1	YR4004-8500000	B
12	M1	Blower	---	---	0.17kW 400V 50HZ	1	---	(1)
13	EH1	Heater	SHINI	---	3kW 400V	1	---	(1)
14	X1	Spring wiring terminal SK2.5 (Honeywell)	Honeywell	SK2.5	2.5mm ²	8	YE60002503200	
15	X1	Wiring terminal SK2.5(Honeywell)	Honeywell	GK2.5PE	2.5mm ² PE	1	YE60002503400	
16		Terminal fittings E/GK series (Honeywell)	Honeywell	---	PCS	2	YE60000003900	
17	H1	3-color alarm lamp	SHINI	red, yel.green+ buzzer	24V AC/DC	1	BL900024-01520	
C								
D								
机型版本 Ver.B								
Note: (1) Materials not in the control box;								
			Drawer	Version	Title	Drawing NO.		Scale
			Designer	0	SHD-25E	SHD-25E-CE-400V-0-4		Page 4
			Proofread by	Approved by	Elec. Parts List 1		Standard	Totally 4 Pages
			Checked by	Date			Voltage	Frequency
			Modify date	20201231			3φ400V	50HZ
Mark			After modification	Modified by				
1			2	3	4	5	6	7
								8





机型版本 Ver.B

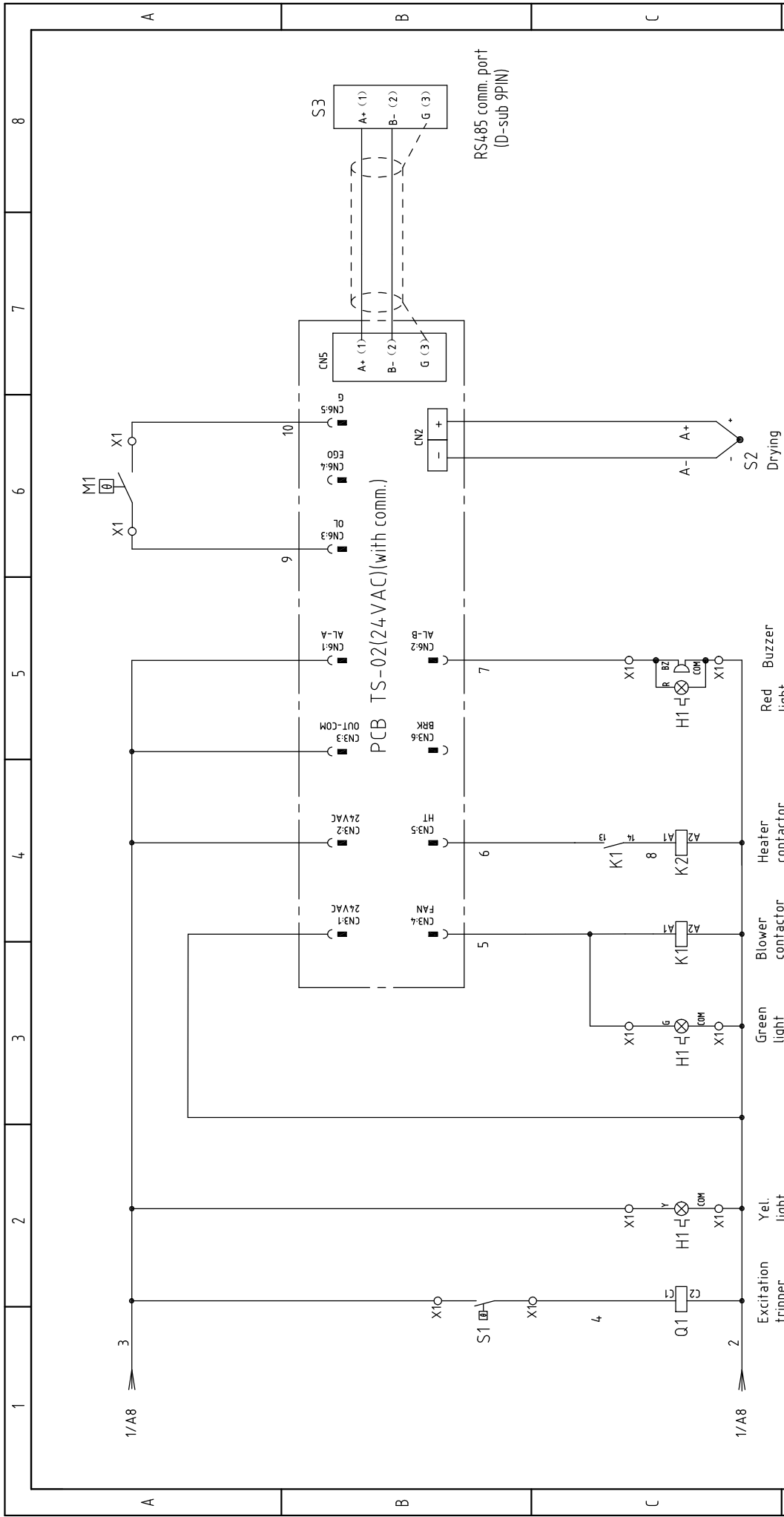
Mark	Before modification	Modified by	Modify date	Checked by	Date	20201212
	After modification	Modified by	Modify date	Checked by	Date	
Drawer	Designer	Proofread by	Approved by	Version	0	

Title SHD-50E
Main Circuit Diagram

Drawing NO. SHD-50E-CE-400V-0-1

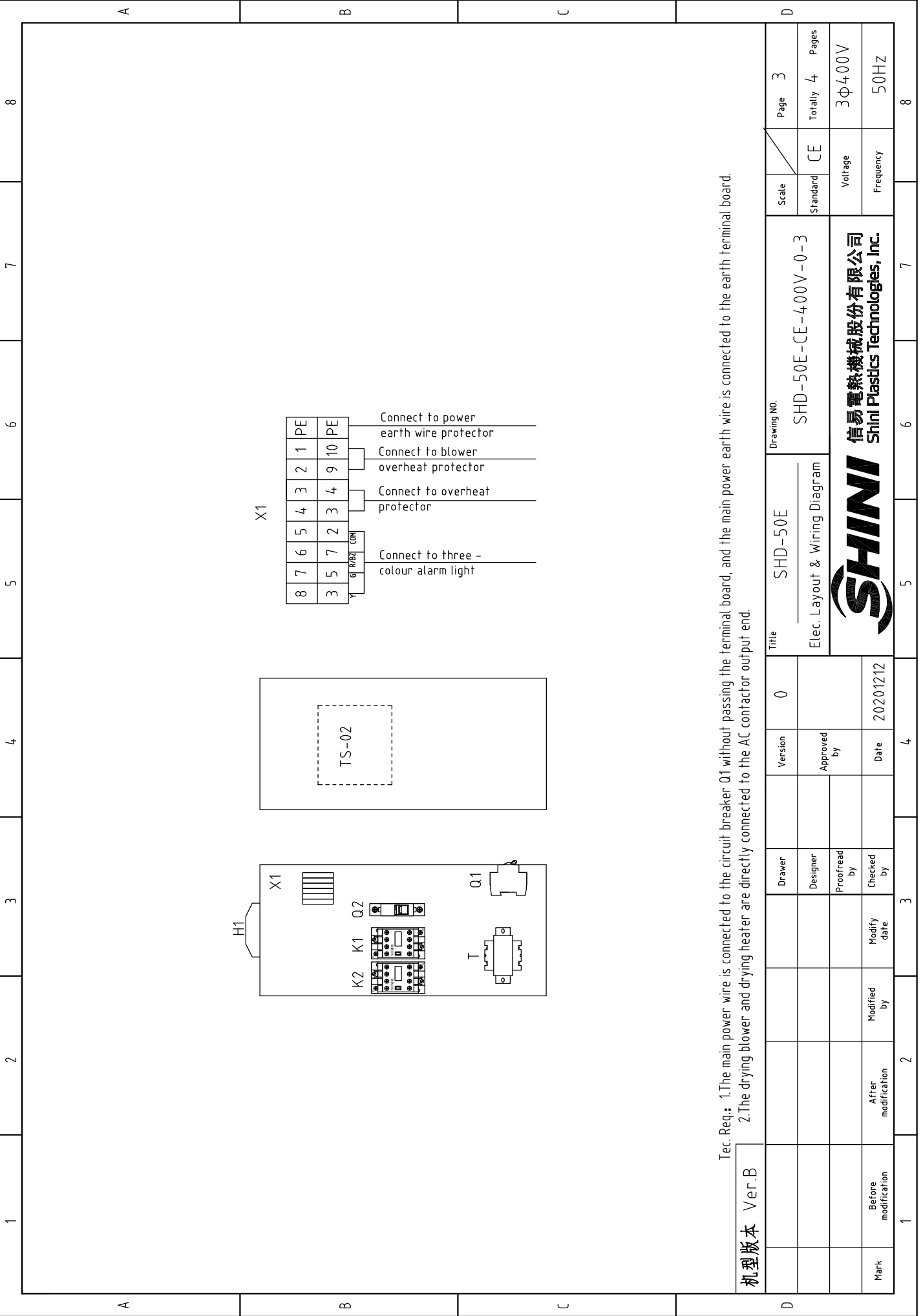
Scale	Page 1
Standard CE	Totally 4 Pages
Voltage	3Φ400V
Frequency	50Hz

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机型版本 Ver.B		Notes: M1 is the overhear protector of the drying blower.		Drawing NO. SHD-50E-CE-400V-0-2		Page 2	
		Title SHD-50E Electrical Principle		Standard CE		Totally 4 Pages	
		Version 0		Voltage 3Φ400V		Frequency 50HZ	
		Approved by		Date 20201212			
		Designer		Checked by			
		Proofread by		Modify date			
		Modified by		After modification			
		Before modification					
Mark							





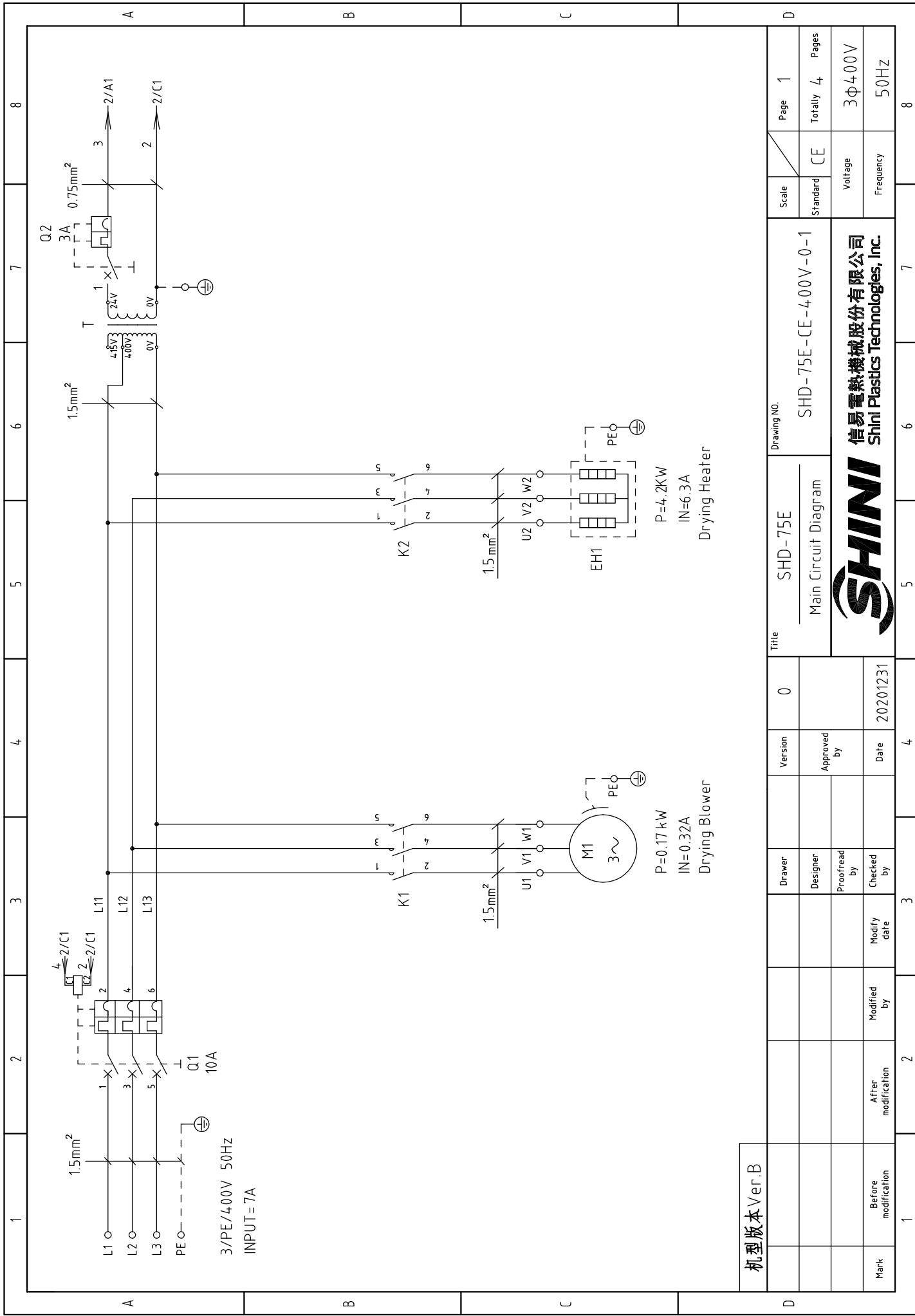
Tec. Req.: 1.The main power wire is connected to the circuit breaker Q1 without passing the terminal board, and the main power earth wire is connected to the earth terminal board.
 2.The drying blower and drying heater are directly connected to the AC contactor output end.

机型版本 Ver.B

1	2	3	4	5	6	7	8
Title				SHD-50E		Drawing NO.	
Version				0		Scale	
Approved by						Standard	
Date				20201212		CE	
Drawer						Voltage	
Designer						Frequency	
Proofread by						3φ400V	
Checked by						50HZ	
Modify date						Page	
After modification						3	
Before modification						Totally	
Mark						4	
						Pages	
						3φ400V	
						50HZ	
						8	



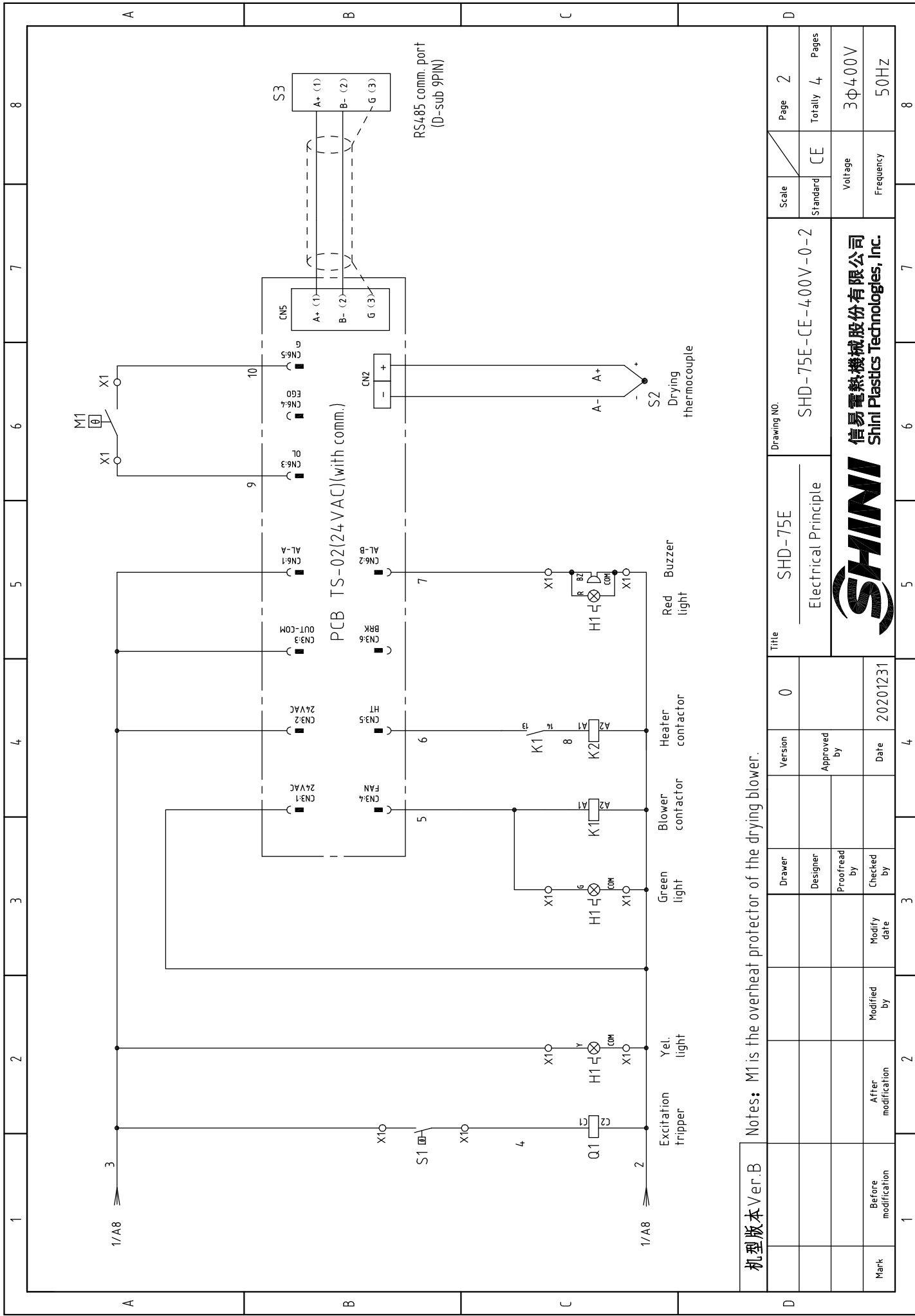
1	2		3	4	5	6	7	8
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark
1	Q1	Circuit breaker	TECO	BM-63C/3010S	10A 3P	1	YE40301003000	
2		Excitation tripper	---	MX	24V 50/60Hz	1	YE40024-000000	
3	Q2	Circuit breaker	TECO	BM-63C/1003S	3A 1P	1	YE40100203000	A
4	K1	Contact	SIEMENS	3RT6015-1AB01	24V 7A 50/60Hz IN0	1	YE00601502500	
5	K2	Contact	SIEMENS	3RT6016-1AB01	24V 9A 50/60Hz	1	YE00601602500	
6	T	Transformer	JIUXIN	IN=400V/415V OUT=24V	80VA	1	YE7004-0006500	
7	PCB	Dryer controller/PCB	YuYun	TS-02(24VAC)(with comm.)	24V 50/60Hz	1	YE800224-01200	
8	S1	Overheat protector	---	---	130 °C	1	---	(1)
9	S2	Thermocouple	SHINI	KTYPE	---	1	---	(1)
10	S3	Communication interface board RS-485 (double D-sub-9pin connector)	YUYUN	---	---	1	YE9004-8501200	
11		Shell RS485(SAL-700G-A-19)ver.0	BINGCHEN	---	---	1	YR4004-8500000	B
12	M1	Blower	---	---	0.17kW 400V 50HZ	1	---	(1)
13	EH1	Heater	SHINI	---	3.9kW 400V	1	---	(1)
14	X1	Spring wiring terminal SK2.5 (Honeywell)	Honeywell	SK2.5	2.5mm ²	8	YE60002503200	
15		Wiring terminal SK2.5(Honeywell)	Honeywell	GK2.5PE	2.5mm ²	1	YE60002503400	
16	H1	3-color alarm lamp	SHINI	red, ye,green+ buzzer	24V AC/DC	1	BL900024-01520	
17		Terminal fittings E/GK series (Honeywell)	Honeywell	E	GK series	2	YE60000003900	
C								
D								
机型版本 Ver.B				Note: (1) Materials not in the control box;				
Drawer		Version		Title		Scale		Page
		0		SHD-50E		SHD-50E-CE-400V-0-4		4
Designer		Approved by		Elec. Parts List 1		Standard		Totally
						CE		4
Proofread by		Date		SHINI		Voltage		3φ400V
		20201212		信易電熱機械股份有限公司		Frequency		50HZ
Checked by				SHINI		Frequency		50HZ
Modify date				SHINI		Frequency		50HZ
Modified by				SHINI		Frequency		50HZ
After modification				SHINI		Frequency		50HZ
Before modification				SHINI		Frequency		50HZ
Mark				SHINI		Frequency		50HZ
1	2		3	4	5	6	7	8



机型版本 Ver.B

Title	SHD-75E		Drawing NO.		SHD-75E-CE-400V-0-1		Scale		Page 1		
	Main Circuit Diagram						Standard		CE		
Version		0		Approved by		Date		Voltage		3φ400V	
Designer				Checked by		20201231		Frequency		50Hz	
Proofread by				Modify date				Totaly		4	
Modified by				1		2		Pages		8	
Before modification				3		4		Totally		4	
After modification				1		2		Voltage		3φ400V	
Mark				1		2		Frequency		50Hz	





机版本 Ver.B

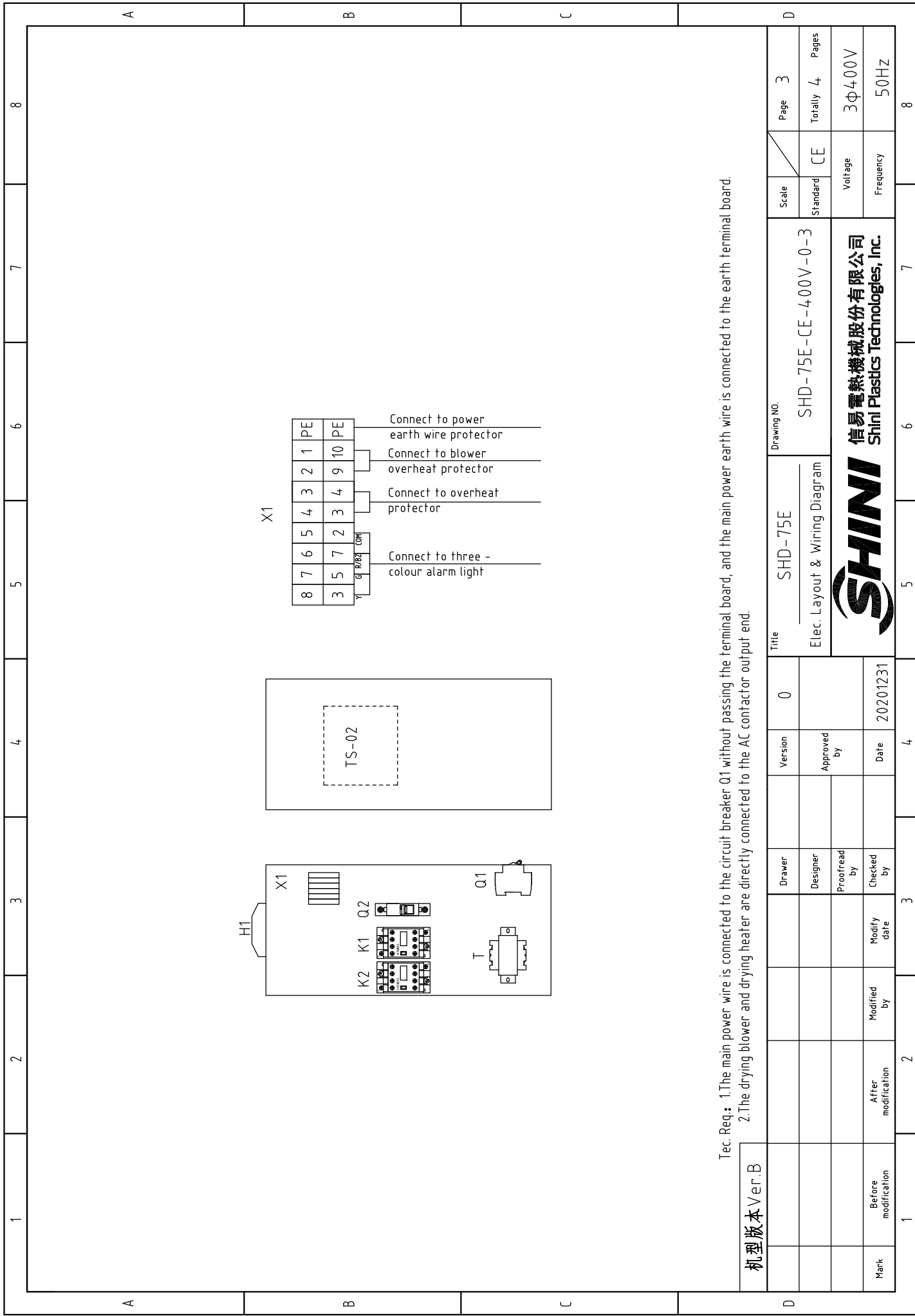
Notes: M1 is the overheat protector of the drying blower.

Mark	Before modification	Modified by	Modify date	Checked by	Date
					20201231
		Proofread by		Approved by	
		Designer			
		Drawer	Version	0	

Title
SHD-75E
Electrical Principle

Scale	Page 2
Standard	Totally 4
	CE
Voltage	3φ400V
Frequency	50Hz

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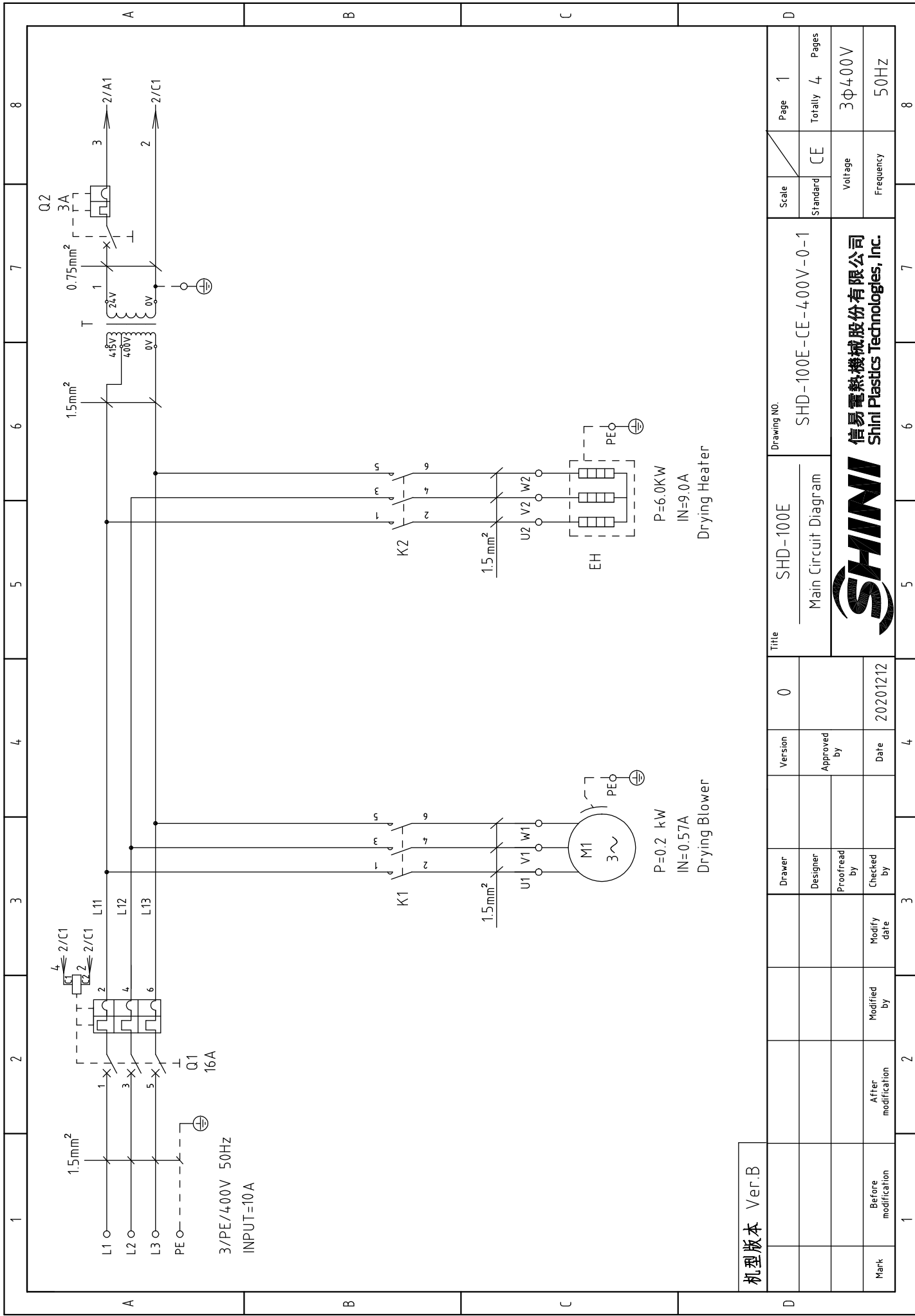
Tec. Req.: 1. The main power wire is connected to the circuit breaker Q1 without passing the terminal board, and the main power earth wire is connected to the earth terminal board.
 2. The drying blower and drying heater are directly connected to the AC contactor output end.

机型版本 Ver.B

Mark	Before modification	Modified by	Modify date	Checked by	Date	Version	0	Title	SHD-75E	Drawing NO.	SHD-75E-CE-400V-0-3	Scale	Page 3	
	After modification	Modified by	Modify date	Checked by	Date		Approved by		0		Elec. Layout & Wiring Diagram		CE	Totally 4
											Voltage	3φ400V		
											Frequency	50Hz		
											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	Circuit breaker	TECO	BM-63C/3010S	10A 3P	1	YE40301003000									
2		Excitation tripper	---	MX	24V 50/60Hz	1	YE40024-000000									
3	Q2	Circuit breaker	TECO	BM-63C/1003S	3A 1P	1	YE40100203000									
4	K1	Contact	SIEMENS	3RT6015-1AB01	24V 7A 50/60Hz 1NO	1	YE00601502500									
5	K2	Contact	SIEMENS	3RT6016-1AB01	24V 9A 50/60Hz	1	YE00601602500									
6	T	Transformer	JIUXIN	IN=400V/415V OUT=24V	80VA	1	YE7004-00006500									
7	PCB	Dryer controller/PCB	YuYun	TS-02(24VAC)(with comm.)	24V 50/60Hz	1	YE800224-01200									
8	S1	Overheat protector	---	---	130 °C	1	---	(1)								
9	S2	Thermocouple	SHINI	KTYPE	---	1	---	(1)								
10	S3	Communication interface board RS-485 (double D-sub-9pin connector)	---	---	---	1	YE9004-8501200									
11		Shell RS485(SAL-700G-A-19)Ver.0	---	---	---	1	YR4004-8500000									
12	M1	Blower	---	---	0.17kW 400V 50HZ	1	---	(1)								
13	EH1	Heater	SHINI	---	4.2kW 400V	1	---	(1)								
14	X1	Spring wiring terminal SK2.5 (Honeywell)	Honeywell	SK2.5	PCS	8	YE60002503200									
15	X1	Wiring terminal SK2.5(Honeywell)	Honeywell	GK2.5PE	PCS	1	YE60002503400									
16		Terminal fittings E/GK series (Honeywell)	Honeywell	E	GK series	2	YE60000003900									
17	H1	3-color alarm lamp	SHINI	red, yel,green+ buzzer	24V AC/DC	1	BL-900024-01520									
C																
D																
机 型 版 本 Ver.B																
Note: (1) Materials not in the control box;																
		Drawer	Version	0	Title		SHD-75E		Drawing NO.		SHD-75E-CE-400V-0-4		Scale	Page	4	
		Designer	Approved by		Elec. Parts List 1								Standard	Totally	4	
		Proofread by	Date	20201231									Voltage	3Φ400V		
		Checked by	Modify date										Frequency	50HZ		
Mark	Before modification	After modification	Modified by	Modified date											8	

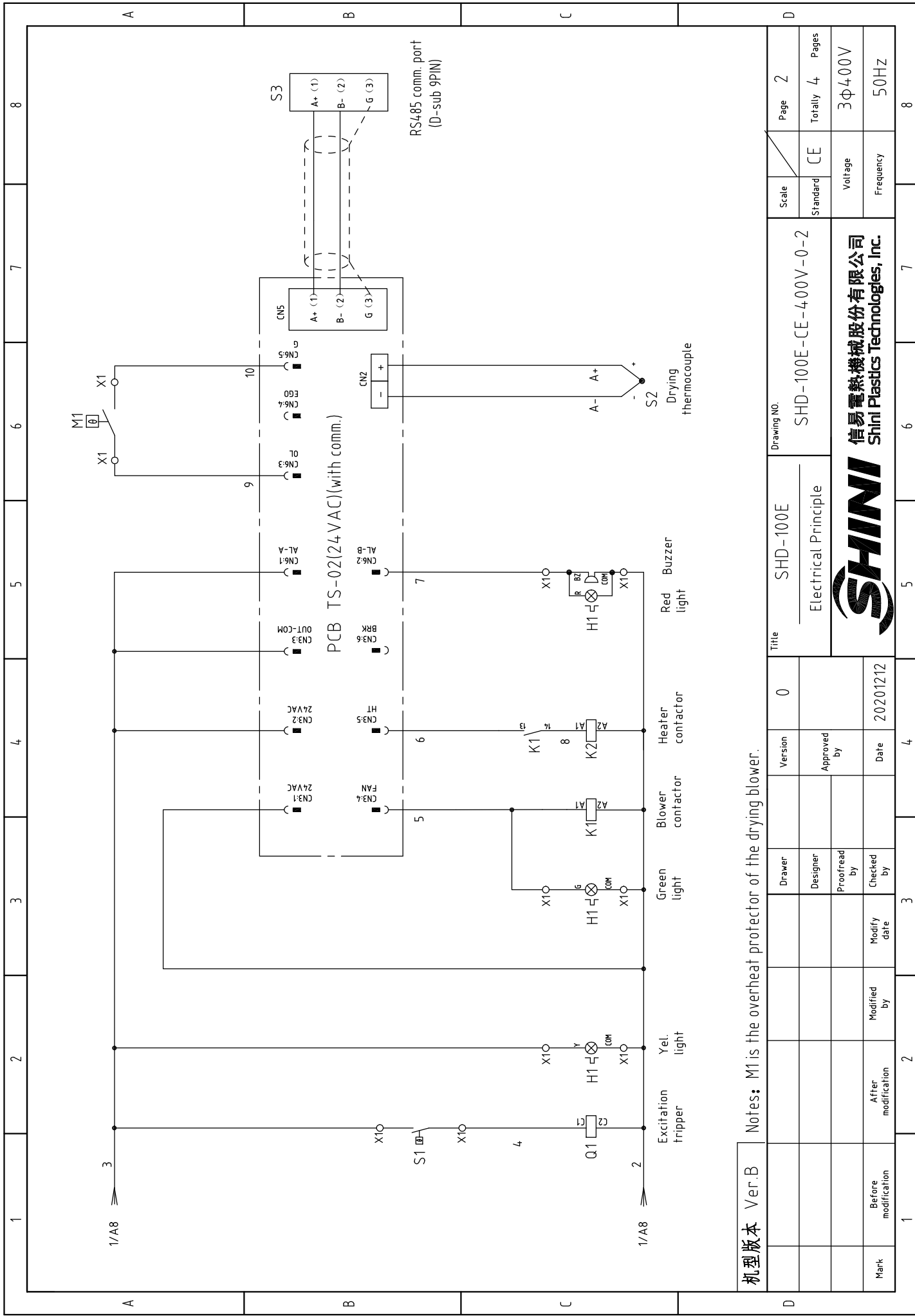




机型版本 Ver.B

Mark	Before modification	Modified by	Modify date	Checked by	Date	Approved by	Version	0	Title	SHD-100E Main Circuit Diagram		Drawing NO.	SHD-100E-CE-400V-0-1	
	After modification				20201212								Scale	CE
													Standard	CE
													Pages	Page 1
													Voltage	3Φ400V
													Frequency	50HZ
													Totally	4
													Page	1

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机型版本 Ver.B

Notes: M1 is the overheat protector of the drying blower.

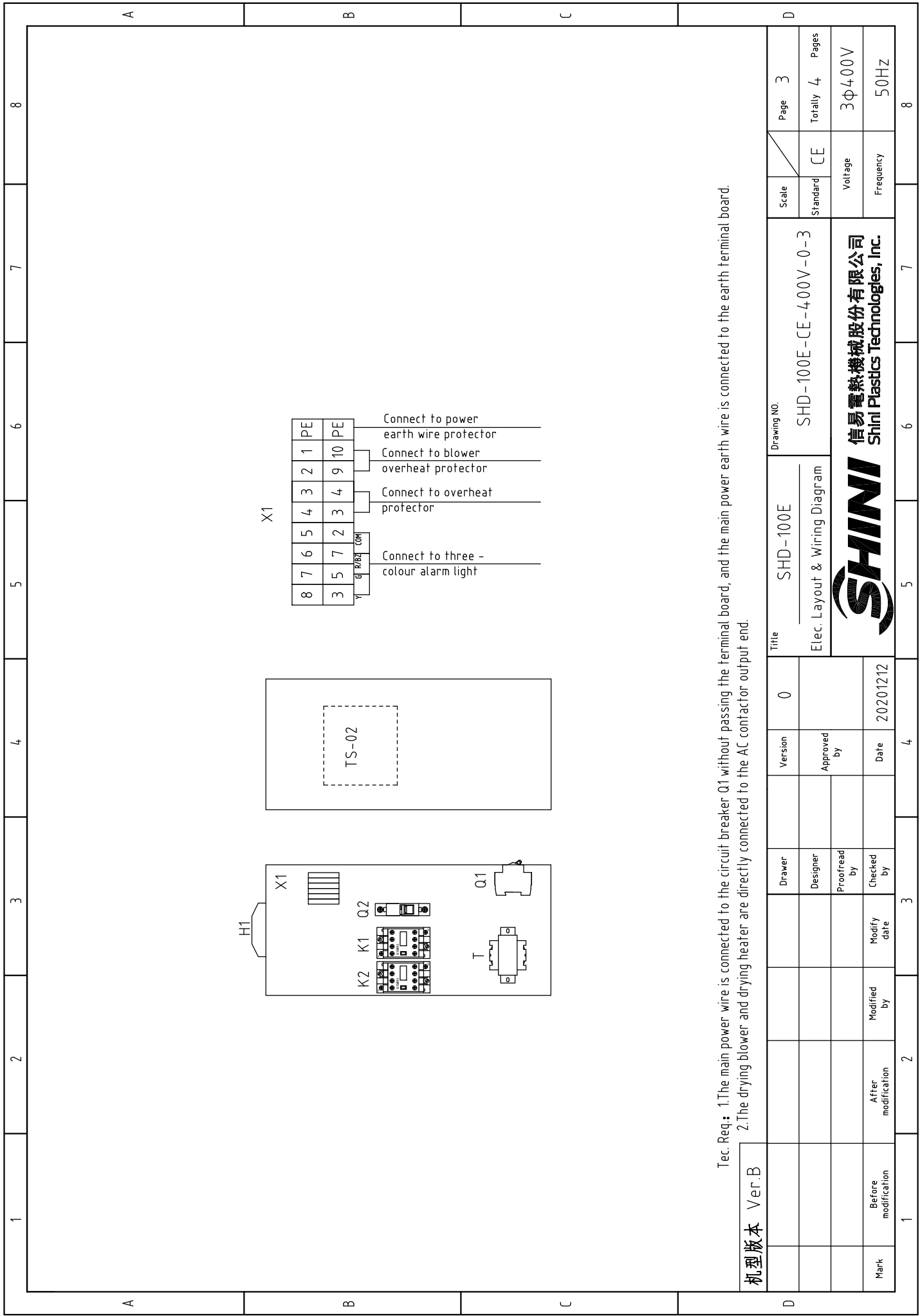
Drawer	Version	0
Designer	Approved by	
Proofread by	Date	20201212
Checked by	Modify date	
After modification	Modified by	
Before modification	Modify date	

Title SHD-100E
Electrical Principle

SHD-100E-CE-400V-0-2

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Scale	Page 2
Standard	Totally 4 Pages
Voltage	3Φ400V
Frequency	50HZ



8	7	6	5	4	3	2	1	PE
3	5	7	2	3	4	9	10	PE
								COM

- Connect to power earth wire protector
- Connect to blower overheat protector
- Connect to overheat protector
- Connect to three - colour alarm light

Tec. Req.: 1.The main power wire is connected to the circuit breaker Q1 without passing the terminal board, and the main power earth wire is connected to the earth terminal board.
 2.The drying blower and drying heater are directly connected to the AC contactor output end.

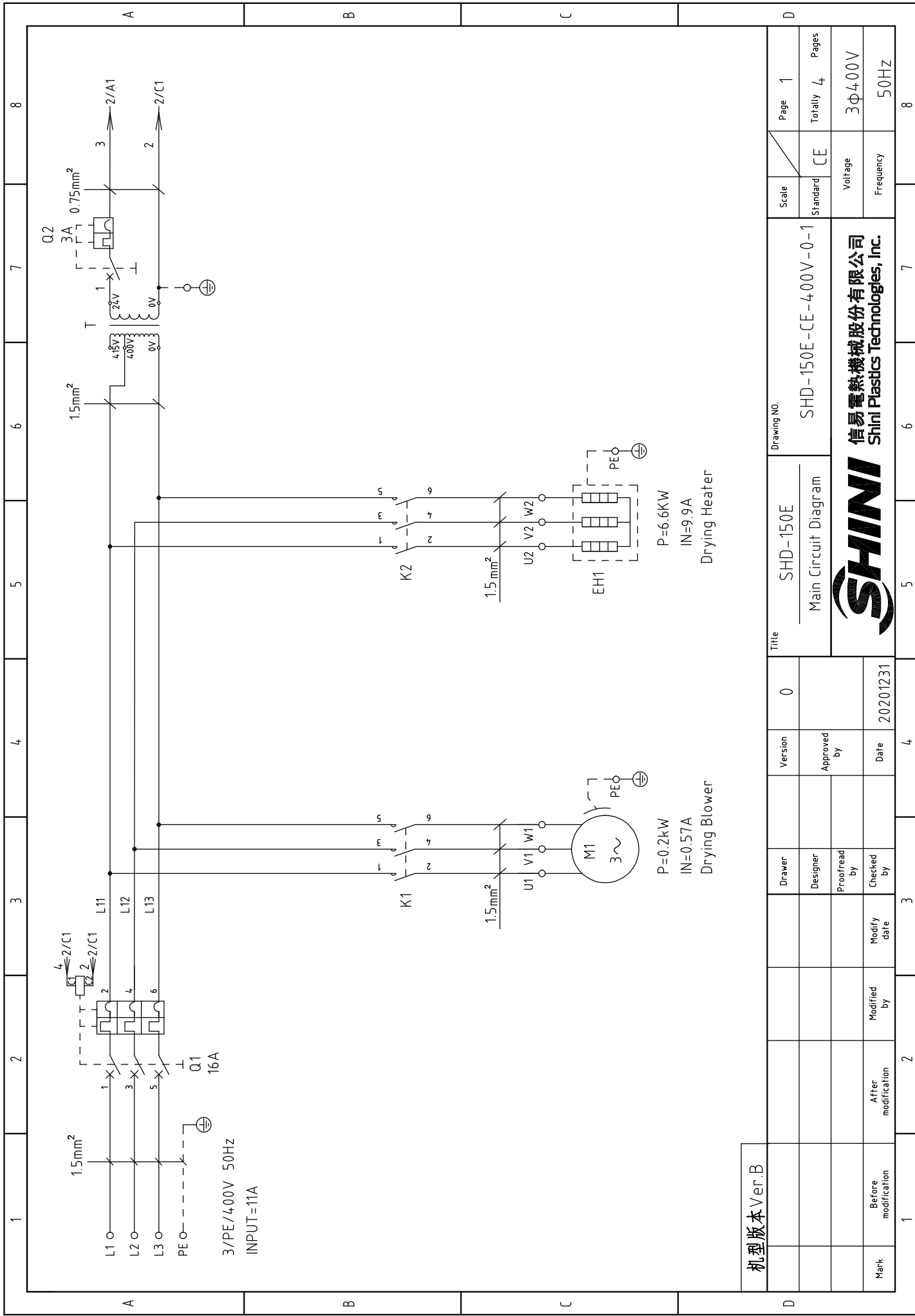
机型版本	Ver.B
Mark	Before modification
	After modification
	Modified by
	Modify date
	Checked by
	Proofread by
	Designer
	Drawer
	Version
	0
	Approved by
	Date
	20201212

Scale	Standard	CE	Page	3
			Totally	4
			Voltage	3Φ400V
			Frequency	50Hz

Drawing NO.	SHD-100E-CE-400V-0-3
Title	SHD-100E
Elec. Layout & Wiring Diagram	



1		2		3		4		5		6		7		8						
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark												
1	Q1	Circuit breaker	TECO	BM-63C/3016S	16A 3P	1	YE40301603000													
2		Excitation tripper	---	MX	24V 50/60Hz	1	YE40024-000000													
3	Q2	Circuit breaker	TECO	BM-63C/1003S	3A 1P	1	YE40100203000													
4	K1	Contact	SIEMENS	3RT16015-1AB01	24V 7A 50/60Hz 1NO	1	YE00601502500													
5	K2	Contact	SIEMENS	3RT16018-1AB01	24V 16A 50/60Hz	1	YE00601802500													
6	T	Transformer	JIUXIN	IN=400V/415V OUT=24V	80VA	1	YE7004-00006500													
7	PCB	Dryer controller/PCB	YuYun	TS-02(24VAC)(with comm.)	24V 50/60Hz	1	YE800224-01200													
8	S1	Overheat protector	---	---	130 °C	1	---	(1)												
9	S2	Thermocouple	SHINI	KTYPE	---	1	---	(1)												
10	S3	Communication interface board RS-485 (double Disub-9pin connector)	---	---	---	1	YE90048501200													
11		Shell RS485(SAL-700G-A-19)ver.0	---	---	---	1	YR40048500000													
12	M1	Blower	---	---	0.2kW 400V 50HZ	1	---	(1)												
13	EH	Heater	SHINI	---	6kW 400V	1	---	(1)												
14	X1	Spring wiring terminal SK2.5 (Honeywell)	Honeywell	SK2.5	2.5mm ²	8	YE60002503200													
15		Wiring terminal GK2.5(Honeywell)	Honeywell	GK2.5PE	2.5mm ²	1	YE60002503400													
16		Terminal fittings E/GK series (Honeywell)	Honeywell	E	GK series	2	YE60000003900													
17	H1	3-color alarm lamp	SHINI	red, yel,green+ buzzer	24V AC/DC	1	BL900024-01520													
C																				
D																				
机型版本 Ver.B		Note: (1) Materials not in the control box;																		
		Drawer	Version	Title		Drawing NO.		Scale	Page											
		Designer	Approved by	SHD-100E		SHD-100E-CE-400V-0-4		Standard	Totally											
		Proofread by	Date	Elec. Parts List 1				Voltage	Frequency											
		Checked by	20201212	SHINI		信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		3Φ400V	50HZ											
Mark	Before modification	After modification	Modified by	Modify date	1		2		3		4		5		6		7		8	



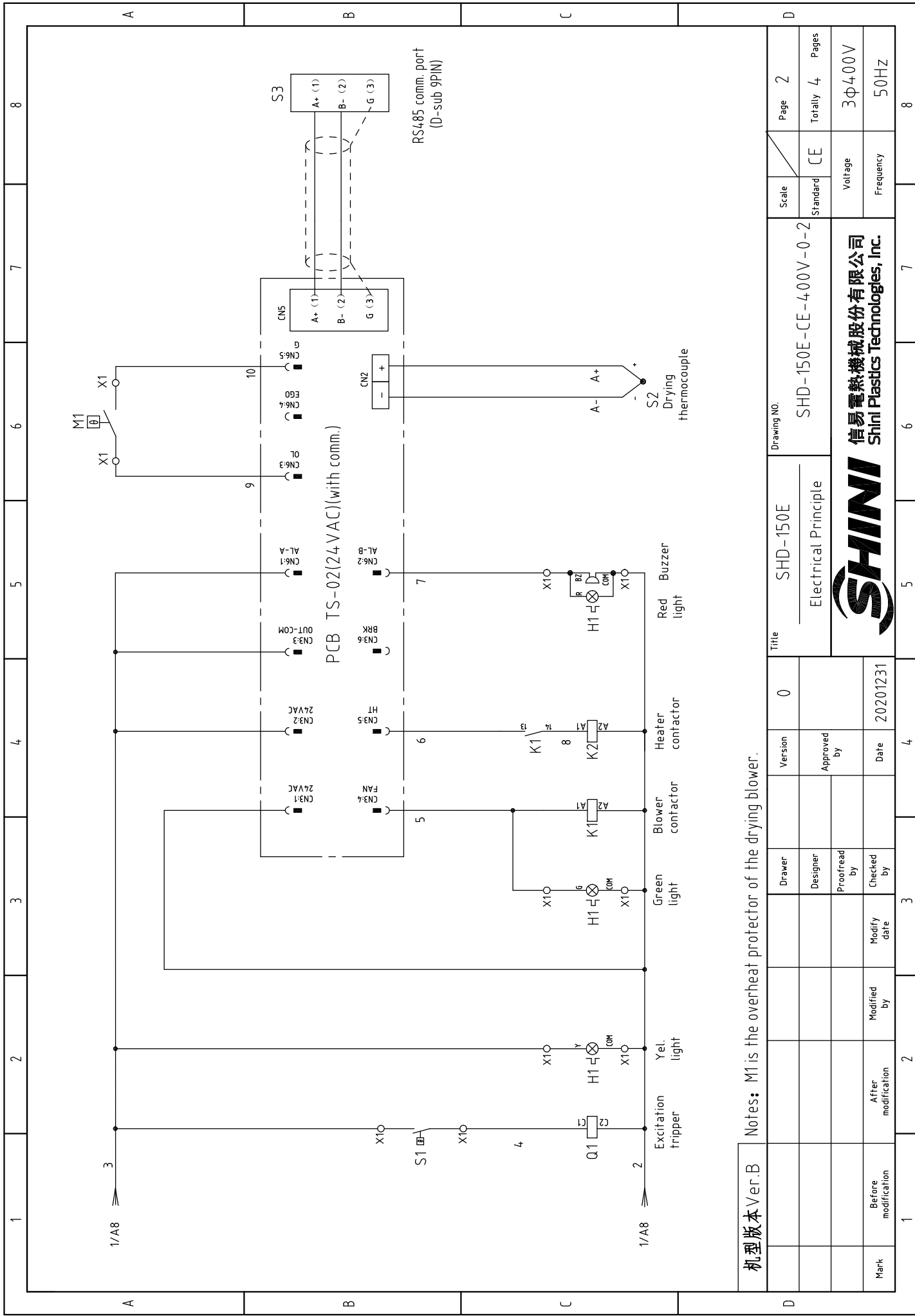
机型版本 Ver.B

D	Title		Drawing No.		Scale		Page	
	SHD-150E		SHD-150E-CE-400V-0-1		CE		1	
Main Circuit Diagram			Standard		Voltage		Pages	
					3Φ400V		4	
Mark			After modification		Frequency		Totally	
			Modify date		50Hz		3Φ400V	
			Checked by				8	
			Date				7	
			Approved by				6	
			Version				5	
			0				4	



P=0.2kW
IN=9.57A
Drying Blower

P=6.6kW
IN=9.9A
Drying Heater



机型版本 Ver.B

Notes: M1 is the overheat protector of the drying blower.

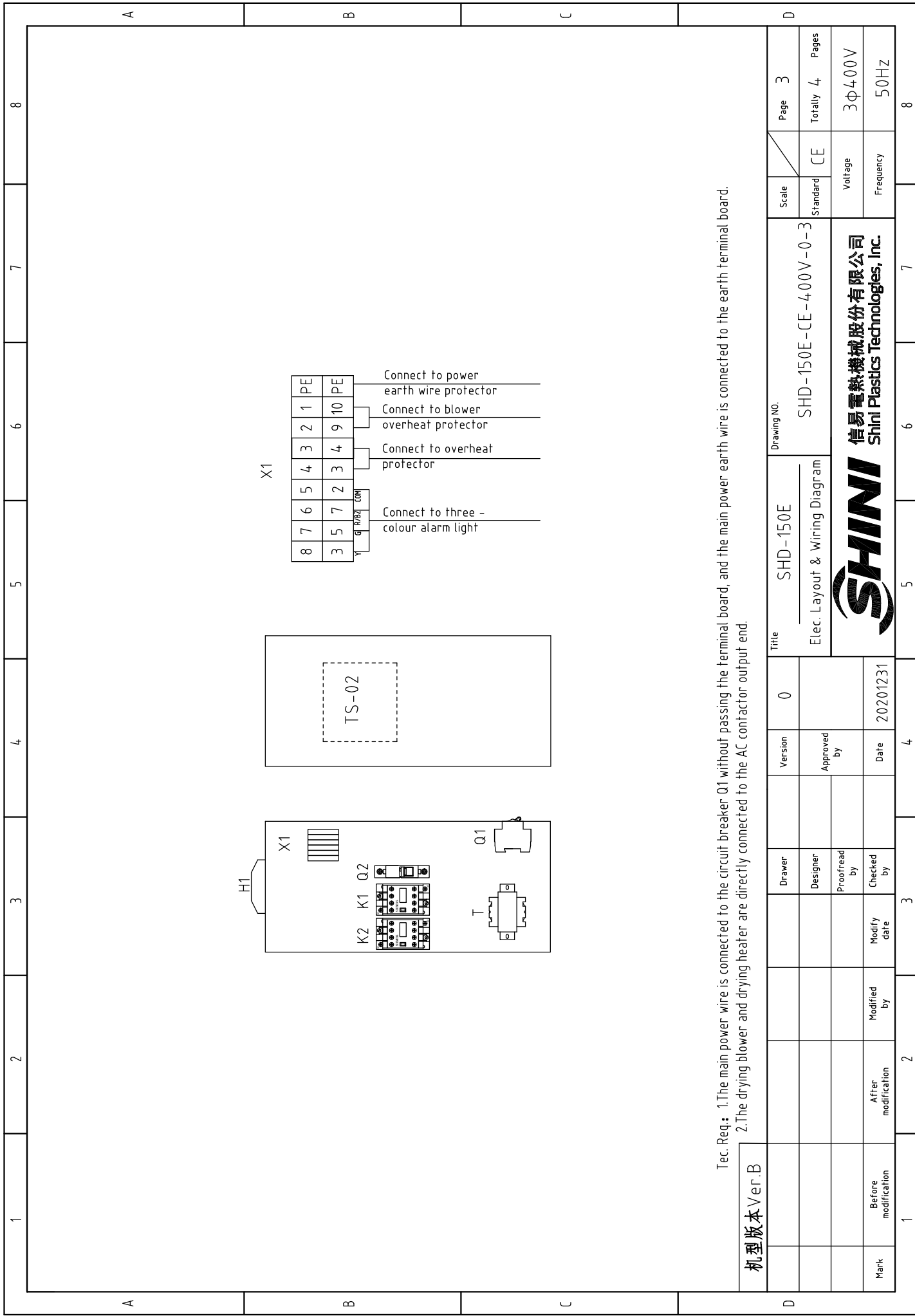
Drawer	Version	0
Designer	Approved by	
Proofread by	Date	20201231
Checked by	Modify date	
After modification	Modified by	
Before modification	Modify date	

Title SHD-150E
Electrical Principle

Drawing NO. SHD-150E-CE-400V-0-2



Scale	Page	2
Standard	Totally	4
	CE	
Voltage	3φ	400V
Frequency	50	Hz



Tec. Req.: 1.The main power wire is connected to the circuit breaker Q1 without passing the terminal board, and the main power earth wire is connected to the earth terminal board.
 2.The drying blower and drying heater are directly connected to the AC contactor output end.

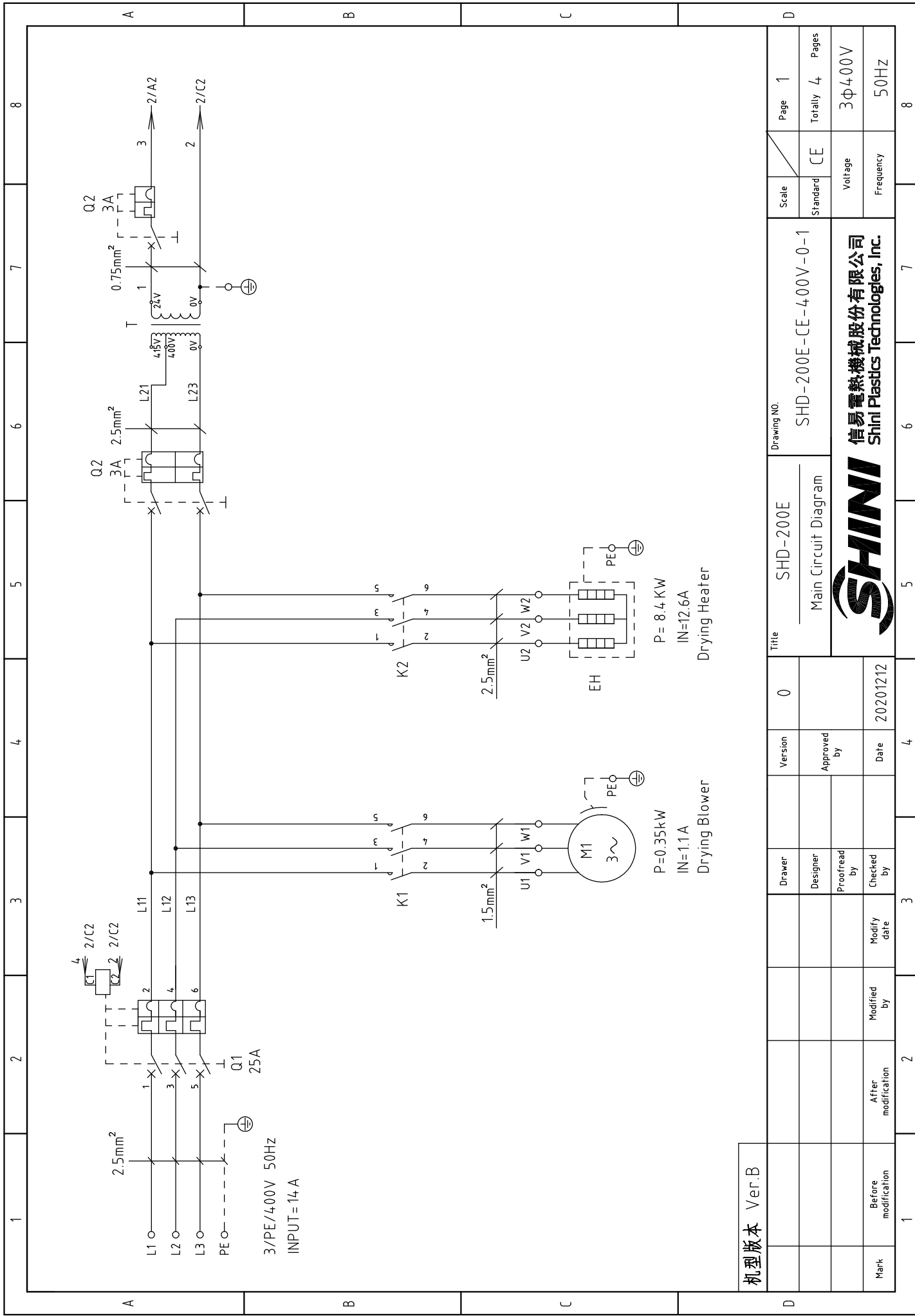
机型版本 Ver.B

Mark	Before modification	Modified by	Modify date	Checked by	Date	Version	0	Title	SHD-150E		Drawing NO.	SHD-150E-CE-400V-0-3		Scale	Page	3
	After modification	Modified by	Modify date	Checked by	Date		Approved by		Elec. Layout & Wiring Diagram			SHD-150E-CE-400V-0-3			Standard	CE
													Voltage	3φ400V		
													Frequency	50Hz		



1	2		3	4	5	6	7	8
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark
1	Q1	Circuit breaker	TECO	BM-63C/3016S	16A 3P	1	YE40301603000	
2		Excitation tripper	---	MX	24V 50/60Hz	1	YE40024-000000	
3	Q2	Circuit breaker	TECO	BM-63C/1003S	3A 1P	1	YE40100203000	
4	K1	Contact	SIEMENS	3RT6015-1AB01	24V 7A 50/60Hz INO	1	YE00601502500	
5	K2	Contact	SIEMENS	3RT6018-1AB01	24V 16A 50/60Hz	1	YE00601802500	
6	T	Transformer	JIUXIN	IN=400V/415V OUT=24V	80VA	1	YE7004-00006500	
7	PCB	Dryer controller/PCB	YuYun	TS-02(24VAC)(with comm.)	24V 50/60Hz	1	YE800224-01200	
8	S1	Overheat protector	---	---	130 °C	1	---	(1)
9	S2	Thermocouple	SHINI	KTYPE	---	1	---	(1)
10	S3	Communication interface board RS-485 (double Dsub-9pin connector)	---	---	---	1	YE9004-8501200	
11		Shell RS485(SAL-700G-A-19)ver.0	---	---	---	1	YR4004-8500000	
12	M1	Blower	---	---	0.2kW 400V 50HZ	1	---	(1)
13	EH1	Heater	SHINI	---	6.6kW 400V	1	---	(1)
14	X1	Spring wiring terminal SK2.5 (Honeywell)	Honeywell	SK2.5	2.5mm ²	8	YE60002503200	
15	X1	Wiring terminal GK2.5(Honeywell)	Honeywell	GK2.5PE	2.5mm ²	1	YE600025034-00	
16		Terminal fittings E/GK series (Honeywell)	Honeywell	E	GK series	2	YE600000003900	
17	H1	3-color alarm lamp	SHINI	red, yel,green+ buzzer	24V AC/DC	1	BL900024-01520	
C								
D								
机型版本 Ver.B				Title		Scale		Page
Note: (1) Materials not in the control box;				SHD-150E		SHD-150E-CE-400V-0-4		4
Version				Elec. Parts List 1		Standard		Totally
0				SHINI		CE		4
Approved by				Date		Voltage		Pages
				20201231		3Φ4.00V		50HZ
Checked by				Date		Frequency		8
						3Φ4.00V		50HZ
Mark				Date		Frequency		8
						3Φ4.00V		50HZ

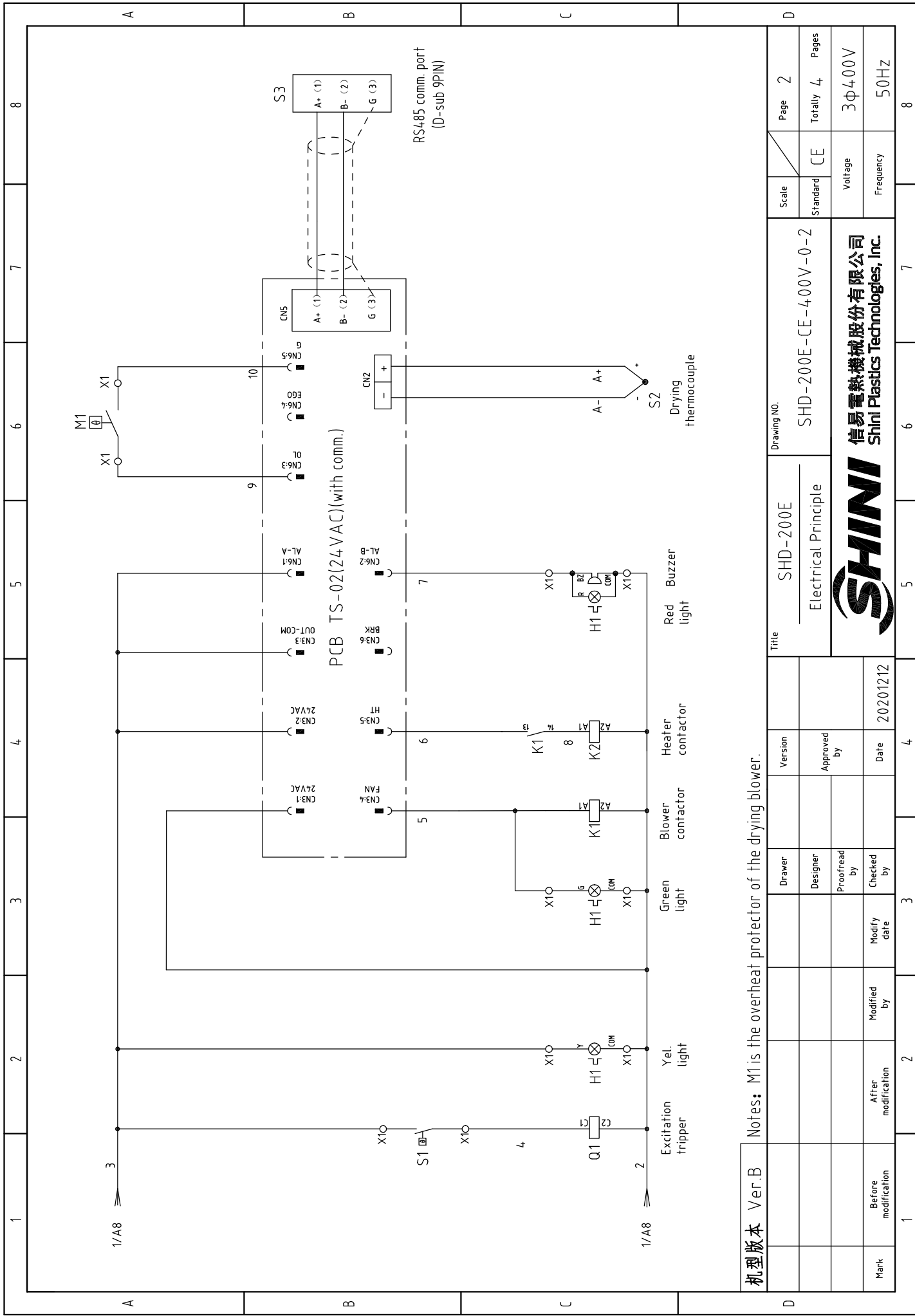




机型版本	Ver.B
Mark	Before modification
	After modification
	Modify date
	Checked by
	Proofread by
	Designer
	Drawer
	Version
	Approved by
	Date
	20201212

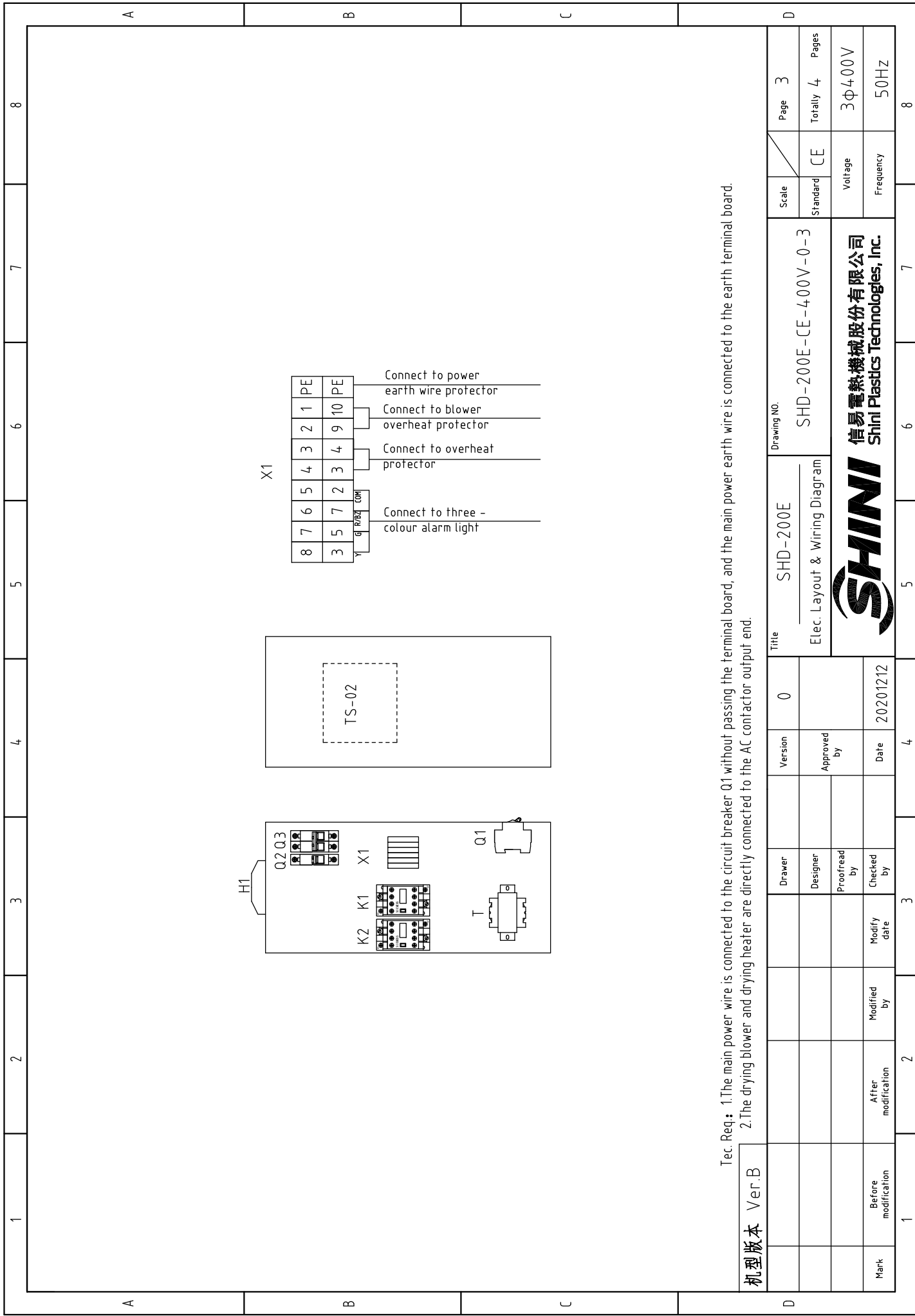
Title	SHD-200E	Drawing NO.	SHD-200E-CE-400V-0-1
	Main Circuit Diagram		
Scale	Standard	CE	Page 1
	Voltage	Frequency	Totally 4 Pages
	3Φ400V		50HZ





机型版本	Ver.B	Notes: M1 is the overheat protector of the drying blower.
Drawer		Version
Designer		Approved by
Proofread by		Date
Checked by		20201212
Modify date		
Modified by		
After modification		
Before modification		
Mark		

Title		SHD-200E		Drawing NO.		SHD-200E-CE-400V-0-2	
Electrical Principle		Scale		Page		2	
SHINI		Standard		CE		Totally 4	
信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Voltage		3φ400V		Frequency	
		Frequency		50HZ			

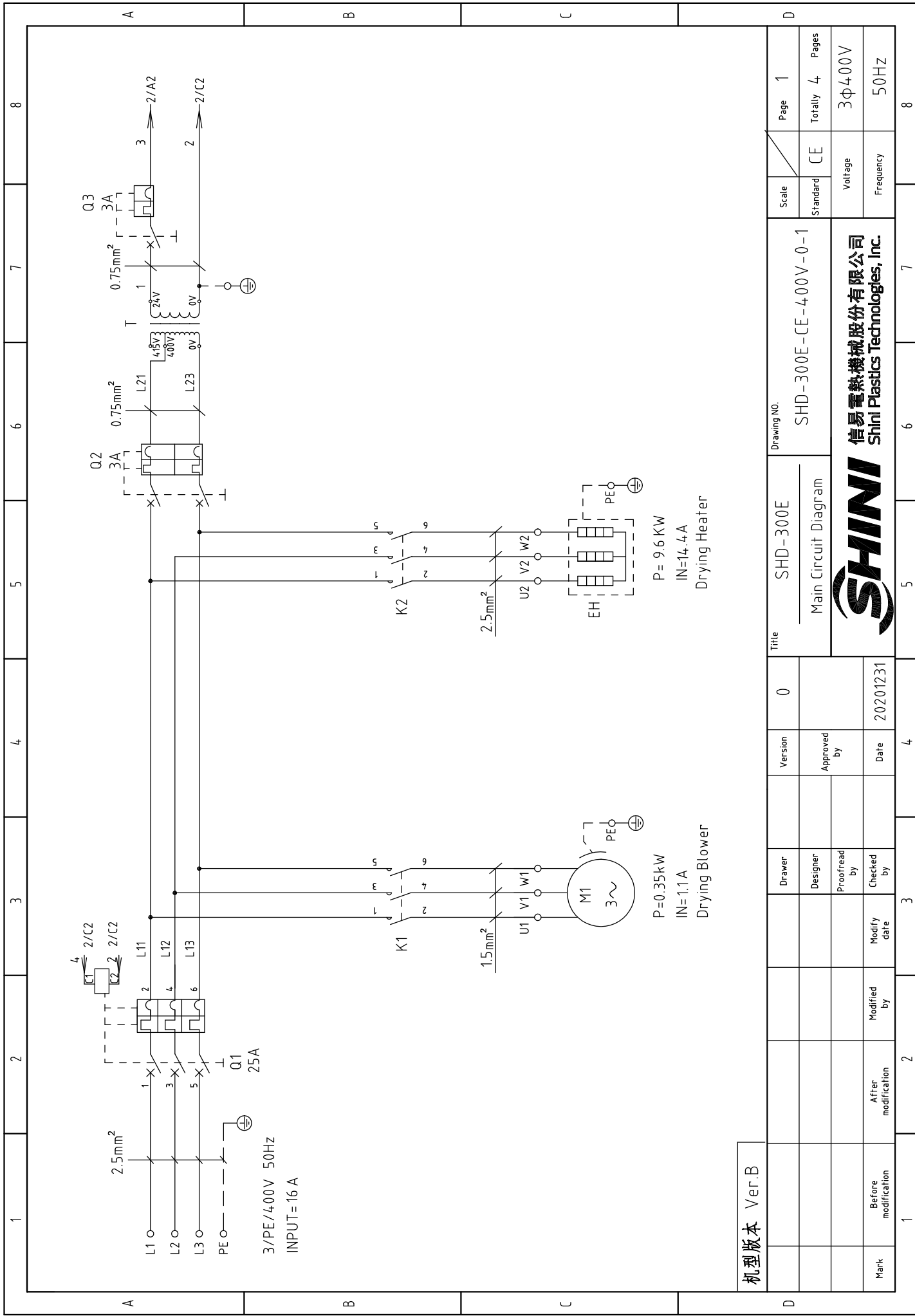


Tec. Req: 1.The main power wire is connected to the circuit breaker Q1 without passing the terminal board, and the main power earth wire is connected to the earth terminal board.
 2.The drying blower and drying heater are directly connected to the AC contactor output end.

机型版本	Ver.B
Mark	Before modification
	After modification
	Modified by
	Modify date
	Checked by
	Proofread by
	Designer
	Drawer
	Version
	0
	Approved by
	Date
	20201212

Title	SHD-200E	Scale	Page	3	
	Elec. Layout & Wiring Diagram		Totally	4	
Drawing NO.		Standard	CE	Voltage	3Φ400V
SHD-200E-CE-400V-0-3		Frequency		50Hz	
信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		SHINI			

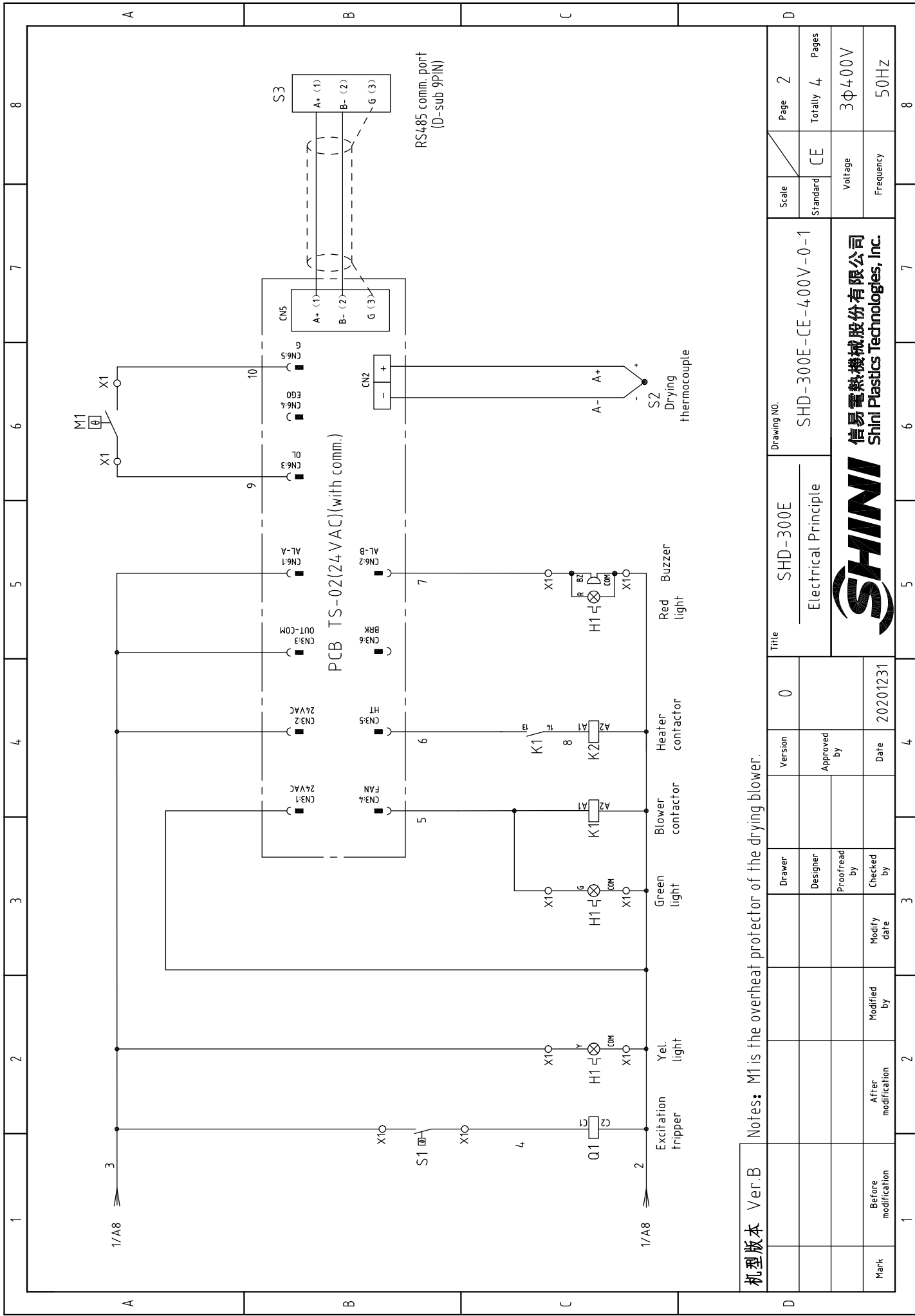
1	2		3	4	5	6	7	8
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark
1	Q1	Circuit breaker	TECO	BM-63C/3025S	25A 3P	1	YE40302503000	
2		Excitation tripper	---	MX	24V 50/60Hz	1	YE40024000000	
3	Q2	Circuit breaker	TECO	BM-63C/2003S	3A 2P	1	YE40200203000	
4	Q3	Circuit breaker	TECO	BM-63C/1003S	3A 1P	1	YE40100203000	
5	K1	Contacto	SIEMENS	3RT6015-1AB01	24V 7A 50/60Hz 1NO	1	YE00601502500	
6	K2	Contacto	SIEMENS	3RT6026-1AB01	24V 25A 50/60Hz	1	YE00602602600	
7	T	Transformer	JIUXIN	IN=400V/415V OUT=24V	80VA	1	YE70040006500	
8	PCB	Dryer controller/PCB	YUYUN	TS-02(24VAC)(with comm.)	24V 50/60Hz	1	YE80022401200	(1)
9	S1	Overheat protector	---	---	130 °C	1	---	(1)
10	S2	Thermocouple	SHINI	KTYPE		1	---	
11	S3	Communication interface board RS-485 (double Dsub-9pin connector)	---	---	---	1	YE90048501200	
12		Shell RS485(SAL-700G-A-19)ver.0	---	---	---	1	YR40048500000	(1)
13	M1	Blower	---	---	0.35kW 400V 50Hz	1	---	(1)
14	EH	Heater	SHINI	---	8.4kW 400V	1	---	
15	X1	Spring wiring terminal SK2.5 (Honeywell)	Honeywell	SK2.5	2.5mm ²	8	YE60002503200	
16		Wiring terminal GK2.5(Honeywell)	Honeywell	GK2.5PE	2.5mm ²	1	YE60002503400	
17		Terminal fittings E/GK series (Honeywell)	Honeywell		PCS	4	YE60000003900	
18	H1	3-color alarm lamp	SHINI	red.yel.green+ buzzer	24V AC/DC	1	BL90002401520	
C								
D								
机型版本 Ver.B				Note: (1) Materials not in the control box;				
		Drawer	Version	0	Title SHD-200E		Scale	
		Designer	Approved by		SHD-200E-CE-400V-0-4		Standard CE	
		Proofread by	Date	20201212	Elec. Parts List 1		Voltage	
		Checked by			SHINI		Frequency	
Mark		After modification	Modified by	Modify date	信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		3Φ400V	
1		2	3	4	5	6	7	8
					SHINI		Page 4	
					SHINI		Totally 4	
					SHINI		Pages	



机型版本 Ver.B

Mark	Before modification	Modified by	Modify date	Checked by	Date	Approved by	Version	0	Title	SHD-300E	Drawing NO.	SHD-300E-CE-400V-0-1	Scale	CE	Page	1
	After modification				20201231				Main Circuit Diagram				Standard		Totally	4
															Voltage	3Φ400V
															Frequency	50Hz

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



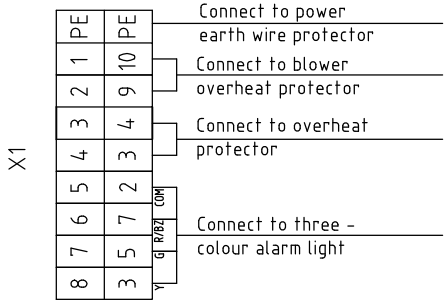
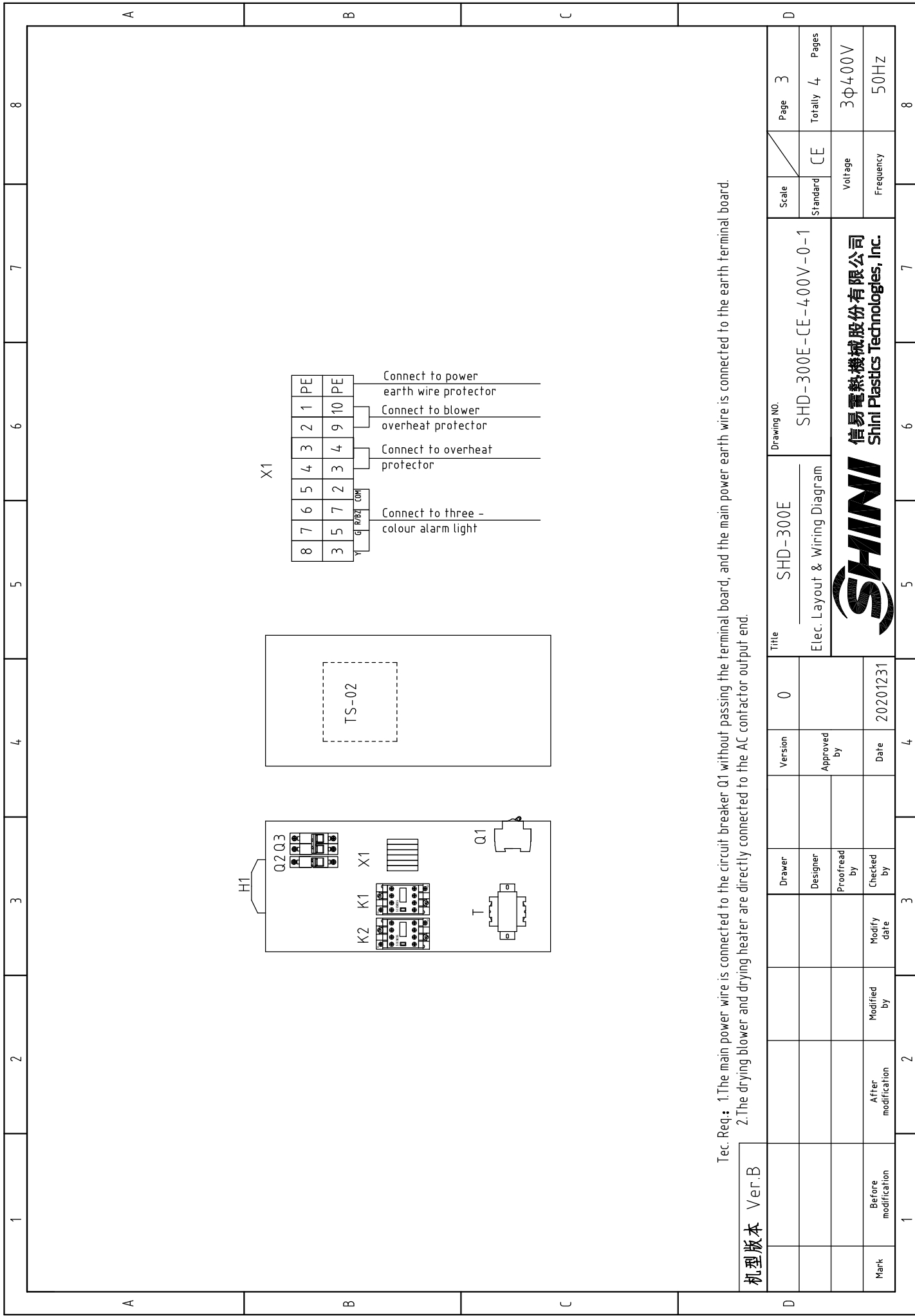
机型版本	Ver.B
Mark	Before modification
	After modification
	Modified by
	Modify date
	Checked by
	Proofread by
	Designer
	Approved by
	Date
	20201231

Notes: M1 is the overheat protector of the drying blower.	
Drawer	Version
	0

Title	
SHD-300E	Electrical Principle

Drawing NO.	
SHD-300E-CE-400V-0-1	
Scale	Page
Standard	CE
Voltage	
3Φ400V	
Frequency	
50Hz	
Totally	
4	
Pages	
2	



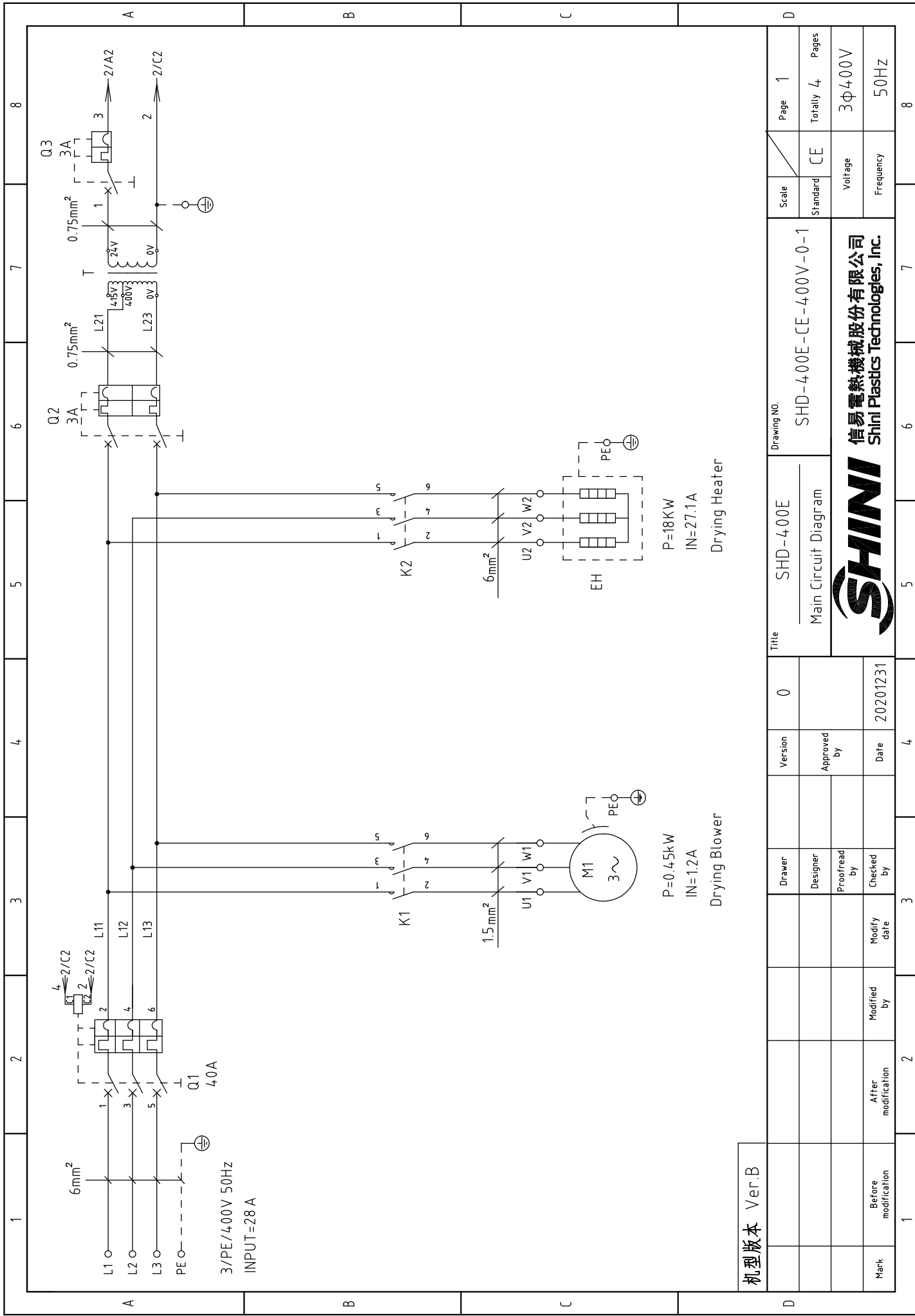


Tec. Req: 1. The main power wire is connected to the circuit breaker Q1 without passing the terminal board, and the main power earth wire is connected to the earth terminal board.
 2. The drying blower and drying heater are directly connected to the AC contactor output end.

机 型 版 本	Ver.B	Title	SHD-300E		Drawing NO.	SHD-300E-CE-400V-0-1		Scale	Page	3	
			Elec. Layout & Wiring Diagram			Standard	CE		Totally	4	Pages
Mark	Before modification	After modification	Modified by	Modify date	Checked by	Proofread by	Designer	Drawer	Voltage		3Φ400V
									Frequency		50Hz
1	2	3	4	5	6	7	8	Version		0	
		Approved by		Date		20201231		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	Remark							
1	Q1	Circuit breaker	TECO	BM-63C/3025S	25A 3P	1	YE40302503000								
2		Excitation tripper	---	MX	24V 50/60Hz	1	YE40024000000								
3	Q2	Circuit breaker	TECO	BM-63C/2003S	3A 2P	1	YE40200203000								
4	Q3	Circuit breaker	TECO	BM-63C/1003S	3A 1P	1	YE40100203000								
5	K1	Contact	SIEMENS	3RT6015-1AB01	24V 7A 50/60Hz 1NO	1	YE00601502500								
6	K2	Contact	SIEMENS	3RT6026-1AB01	24V 25A 50/60Hz	1	YE00602602600								
7	T	Transformer	JIUXIN	IN=400V/415V OUT=24V	80VA	1	YE70040006500								
8	PCB	Dryer controller/PCB	YUYUN	TS-02(24VAC)(with comm.)	24V 50/60Hz	1	YE80022401200								
9	S1	Overheat protector	---	---	130 °C	1	---	(1)							
10	S2	Thermocouple	SHINI	KTYPE	---	1	---	(1)							
11	S3	Communication interface board RS-485 (double Dsub-9pin connector)	---	---	---	1	YE90048501200								
12		Shell RS485(SAL-700G-A-19)ver.0	---	---	---	1	YR40048500000								
13	M1	Blower	---	---	0.35kW 400V 50HZ	1	---	(1)							
14	EH1	Heater	SHINI	---	9.6kW 400V	1	---	(1)							
15	X1	Spring wiring terminal SK2.5 (Honeywell)	Honeywell	SK2.5	2.5mm ²	8	YE60002503200								
16		Wiring terminal GK2.5(Honeywell)	Honeywell	GK2.5PE	2.5mm ²	1	YE60002503400								
17		Terminal fittings E/GK series (Honeywell)	Honeywell	--	PCS	2	YE60000003900								
18	H1	3-color alarm lamp	SHINI	red. yel.green+ buzzer	24V AC/DC	1	BL90002401520								
C															
D															
机型版本 Ver.B Note: (1) Materials not in the control box;															
		Drawer	Version	0	Title		SHD-300E		Drawing No.		SHD-300E-CE-400V-0-1		Scale	Page	4
		Designer	Approved by		Elec. Parts List 1								Standard	Totally	4
		Proofread by	Date	20201231									Voltage	3φ4.00V	
Mark		After modification	Modified by	Modify date									Frequency	50HZ	
1		2		3		4		5		6		7		8	



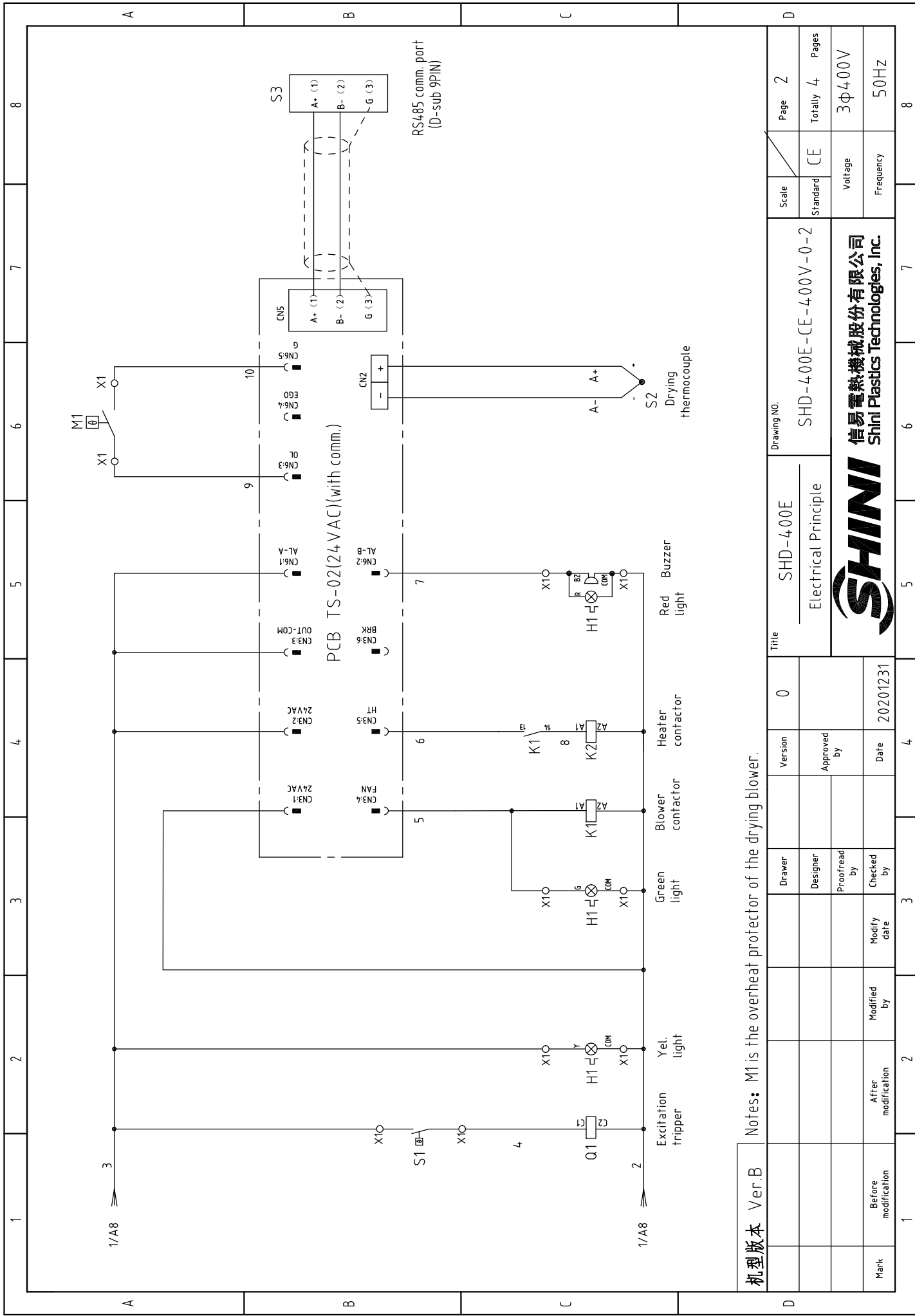


机型版本 Ver.B

Mark	Before modification	Modified by	Modify date	Checked by	Date	Approved by	Version	0	Title	SHD-400E Main Circuit Diagram		Drawing NO.	SHD-400E-CE-400V-0-1		Scale	CE	Page	1
	After modification				20201231					SHINI 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.					Standard	Voltage	Totally	4
															Frequency	3φ400V	Pages	8

P=18KW
IN=27.1A
Drying Heater

P=0.45kW
IN=1.2A
Drying Blower

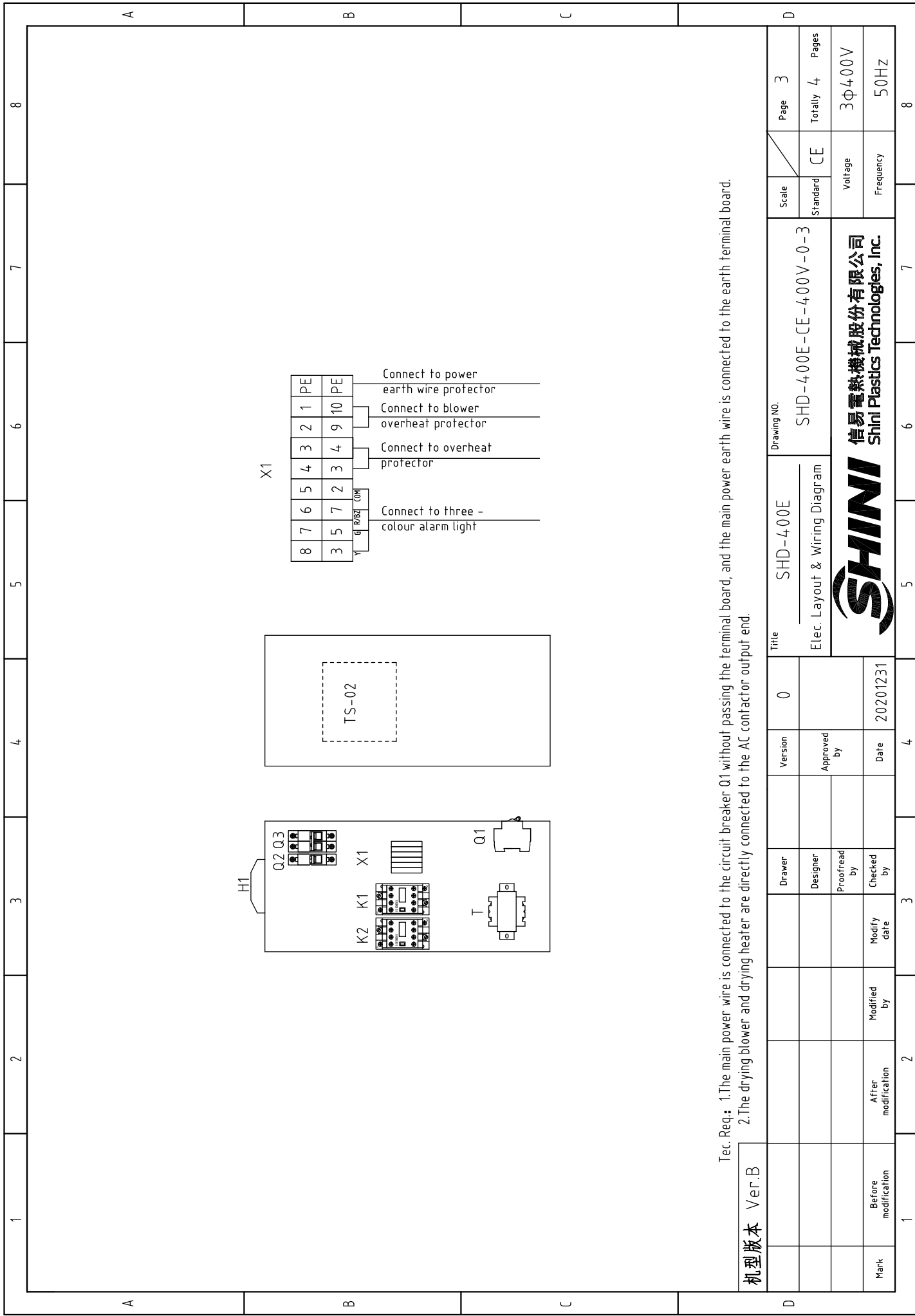


机型版本	Ver.B	Notes: M1 is the overheat protector of the drying blower.	
Mark	Before modification	Modified by	Modify date
	After modification	Checked by	Date
		Proofread by	20201231
		Designer	Approved by
		Drawer	Version
	0		

Title		SHD-400E	
Electrical Principle		SHD-400E-CE-400V-0-2	
Drawing NO.		SHD-400E-CE-400V-0-2	

Scale	Page	2
Standard	Totally	4
CE	Pages	
Voltage	3Φ400V	
Frequency	50HZ	

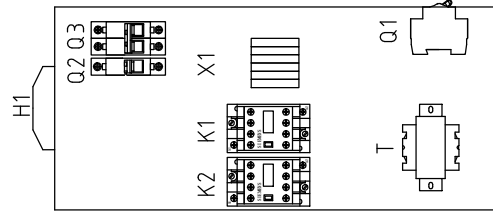
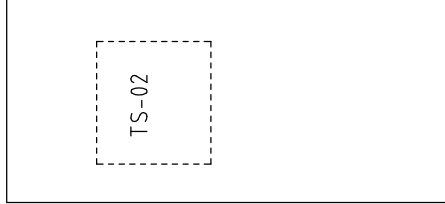




8	7	6	5	4	3	2	1	PE
3	5	7	2	3	4	9	10	PE

X1

Connect to power earth wire protector
 Connect to blower overheat protector
 Connect to overheat protector
 Connect to three - colour alarm light



Tec. Req.: 1.The main power wire is connected to the circuit breaker Q1 without passing the terminal board, and the main power earth wire is connected to the earth terminal board.
 2.The drying blower and drying heater are directly connected to the AC contactor output end.

机 型 版 本	Ver.B	Title	SHD-400E		Drawing NO.	SHD-400E-CE-400V-0-3		Scale	Page	3
			Elec. Layout & Wiring Diagram			Standard	CE		Totally	4
Mark	Before modification	After modification	Modified by	Modify date	Checked by	Proofread by	Designer	Drawer	Voltage	
									3Φ400V	
									Frequency	
									50HZ	
										8



1		2		3		4		5		6		7		8	
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark							
1	Q1	Circuit-breaker	TECO	BM-63C/3040S	40A 3P	1	YE40304003000								
2		Excitation tripper	---	MX	24V 50/60Hz	1	YE40024000000								
3	Q2	Circuit breaker	TECO	BM-63C/2003S	3A 2P	1	YE40200203000								
4	Q3	Circuit breaker	TECO	BM-63C/1003S	3A 1P	1	YE40100203000								
5	K1	Contact	SIEMENS	3RT6015-1AB01	24V 7A 50/60Hz 1NO	1	YE00601502500								
6	K2	Contact	SIEMENS	3RT6028-1AB01	24V 38A 50/60Hz	1	YE00602802600								
7	T	Transformer	JIUXIN	IN=400V/415V OUT=24V	80VA	1	YE70040006500								
8	PCB	Dryer controller/PCB	YUYUN	TS-02(24VAC)(with comm.)	24V 50/60Hz	1	YE80022401200								
9	S1	Overheat protector	---	---	130 °C	1	---	(1)							
10	S2	Thermocouple	SHINI	KTYPE	---	1	---	(1)							
11	S3	Communication interface board RS-485 (double Dsub-9pin connector)	---	---	---	1	YE90048501200								
12		Shell RS485(SAL-700G-A-19)ver.0	---	---	---	1	YR40048500000								
13	M1	Blower	---	---	0.45kW 400V 50Hz	1	---	(1)							
14	EH	Heater	SHINI	---	18kW 400V	1	---	(1)							
15	X1	Spring wiring terminal SK2.5 (Honeywell)	Honeywell	SK2.5	2.5mm ²	8	YE60002503200								
16		Wiring terminal GK6(Honeywell)	Honeywell	GK6PE	6mm ²	1	YE60002503500								
17		Terminal fittings E/GK series (Honeywell)	Honeywell	---	PCS	4	YE60000003900								
18	H1	3-color alarm lamp	SHINI	red.yel.green+ buzzer	24V AC/DC	1	BL90002401520								
C															
D															
机型版本 Ver.B Note: (1) Materials not in the control box;															
		Drawer		Version		0		Title		SHD-400E		Drawing NO.		SHD-400E-CE-400V-0-4	
		Designer		Approved by				Elec. Parts List 1		Standard		CE		Page 4	
		Proofread by		Date		20201231				Voltage		3Φ400V		Pages	
Mark		After modification		Modified by		Modify date				Frequency		50HZ		Totally 4	
1		2		3		4		5		6		7		8	

