

机型版本 Ver.B

D					Drawer		Version	0	Title	SHD-12E	Drawing NO.	SHD-12E-CE-400V-0-1	Scale	Page	1
					Designer		Approved by						Standard	CE	Totally
					Proofread by		Date	20201231	Voltage	3φ400V					
	Mark	Before modification	After modification	Modified by	Modify date	Checked by					Frequency	50Hz			

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

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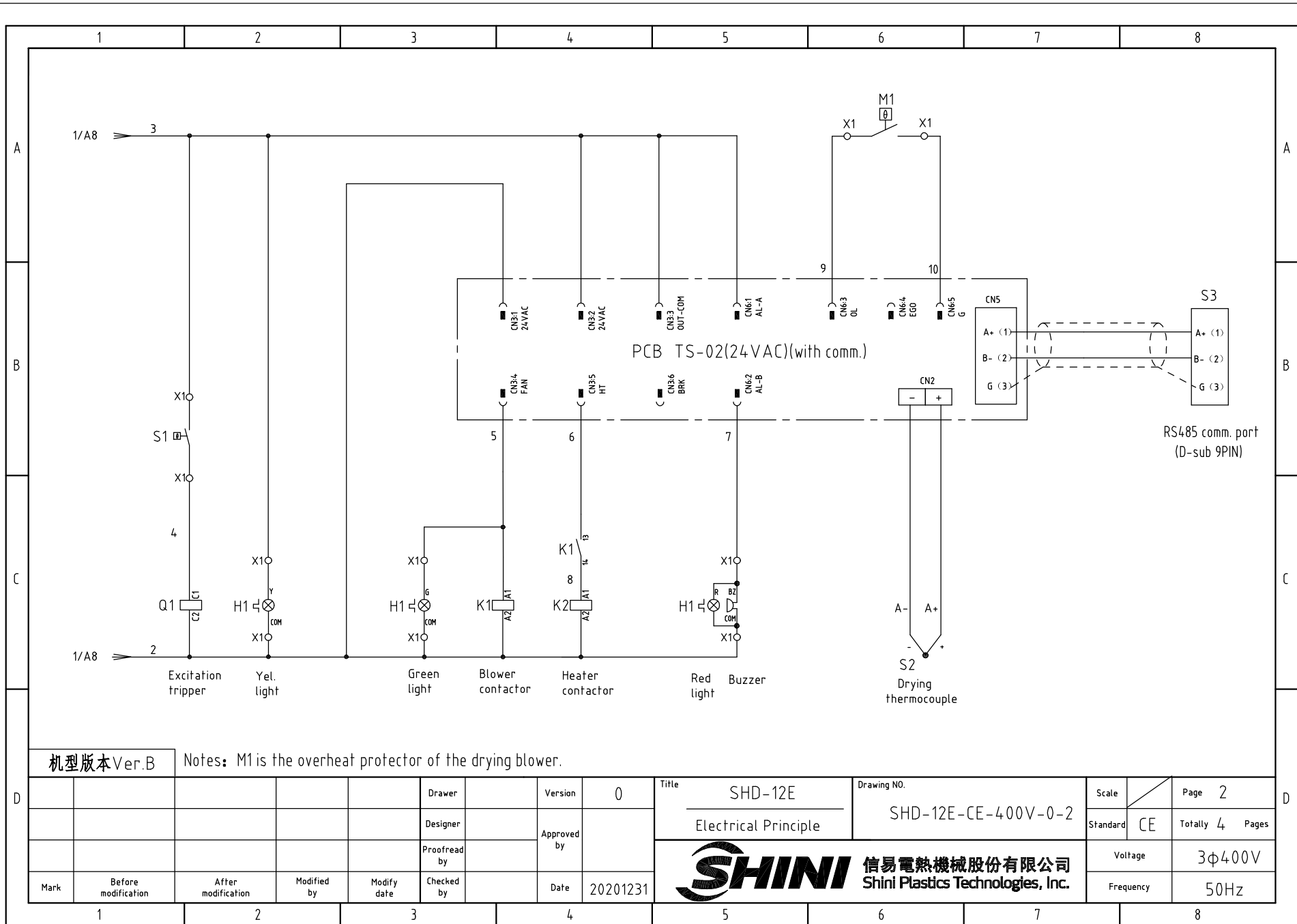
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机型版本 Ver.B

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

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

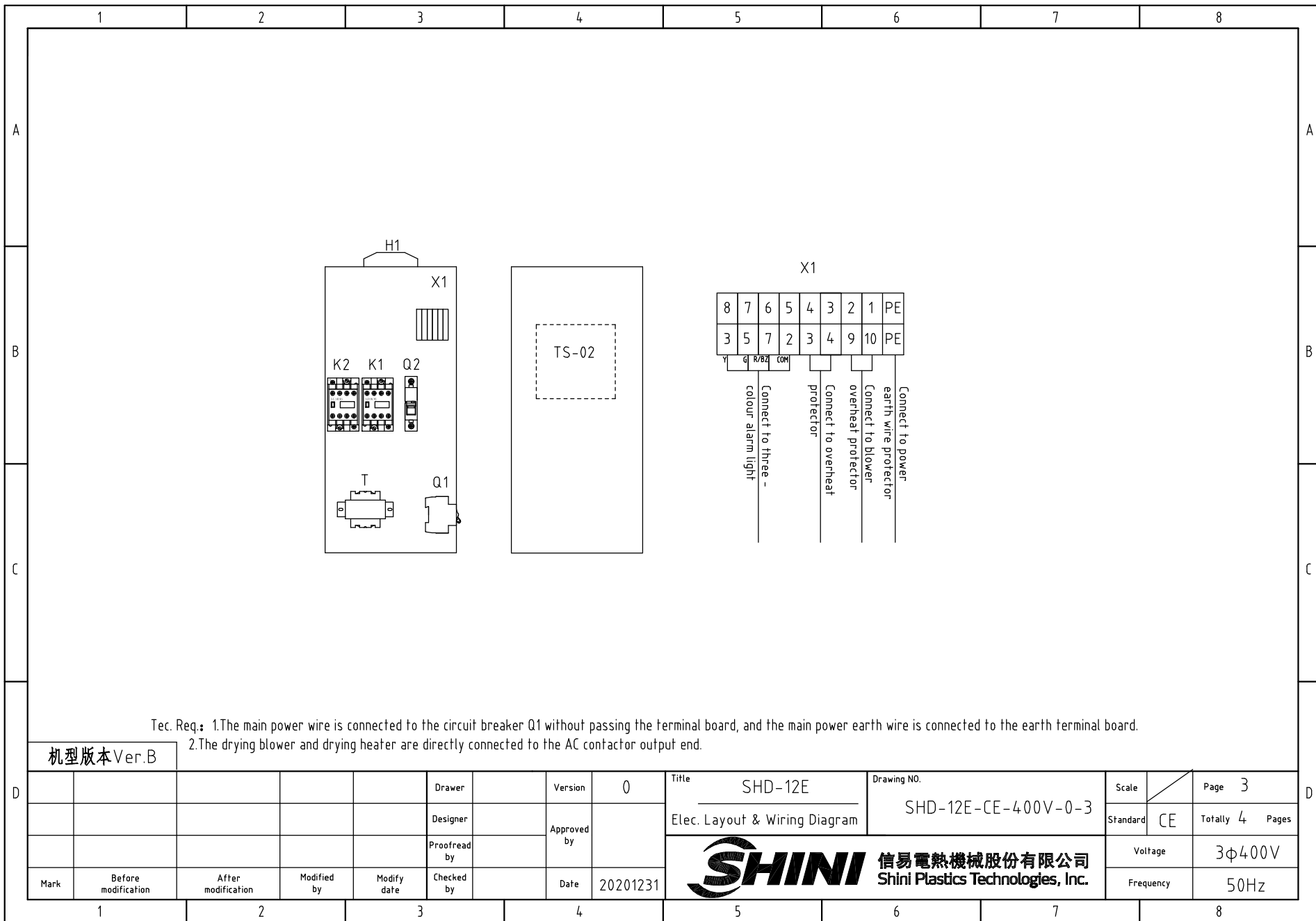
Title SHD-12E
Electrical Principle

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

Scale	Page 2
Standard CE	Totally 4 Pages

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

Voltage	3φ400V
Frequency	50Hz

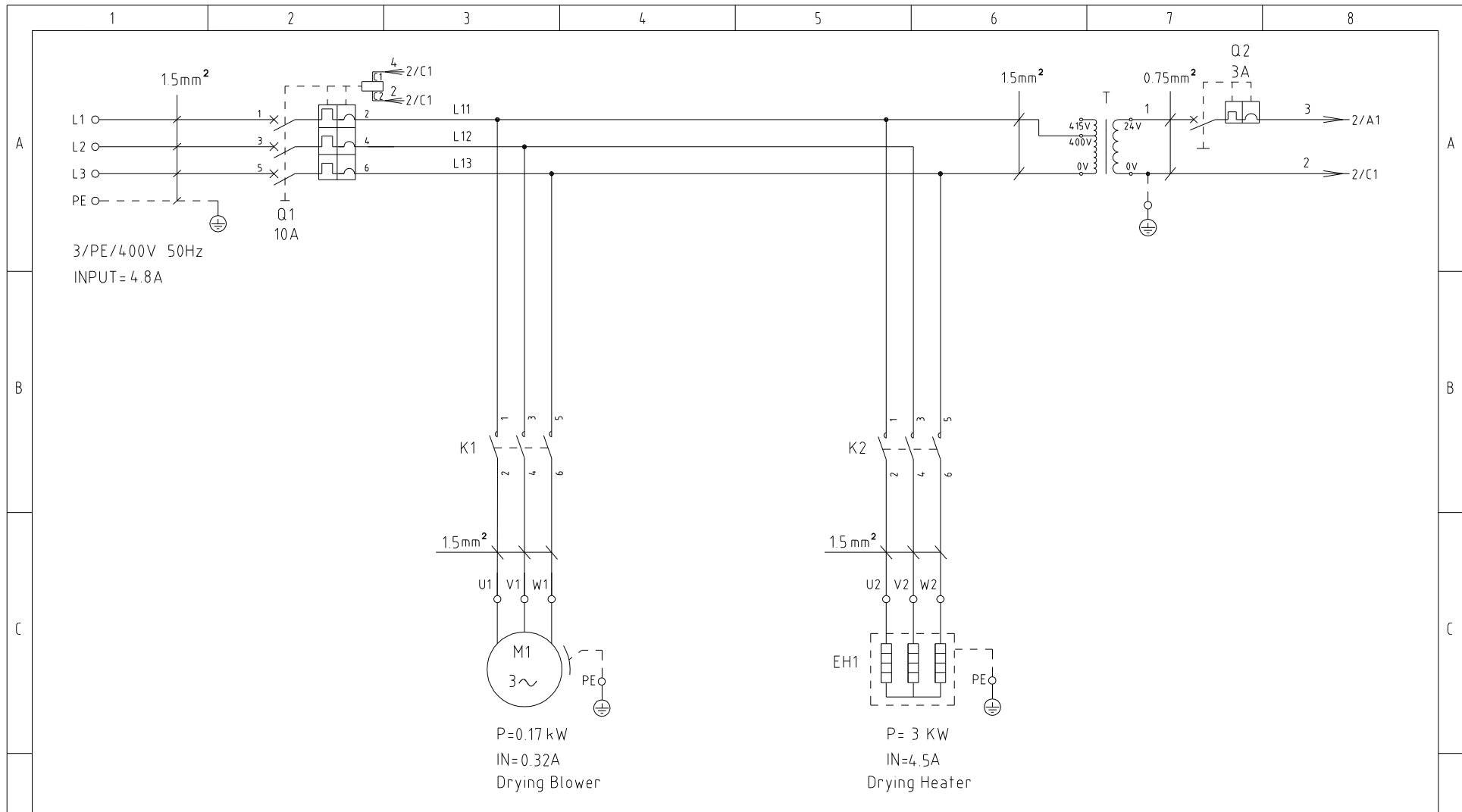


Tec. Req.: 1.The main power wire is connected to the circuit breaker Q1 without passing the terminal board, and the main power earth wire is connected to the earth terminal board.
 2.The drying blower and drying heater are directly connected to the AC contactor output end.


机型版本 Ver.B

D	Drawer		Version	0	Title	SHD-12E	Drawing NO.	SHD-12E-CE-400V-0-3	Scale	Page 3
	Designer		Approved by		Elec. Layout & Wiring Diagram			Standard	CE	Totally 4 Pages
D	Proofread by		Date	20201231	信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.			Voltage	3φ400V	
	Checked by							Frequency	50Hz	

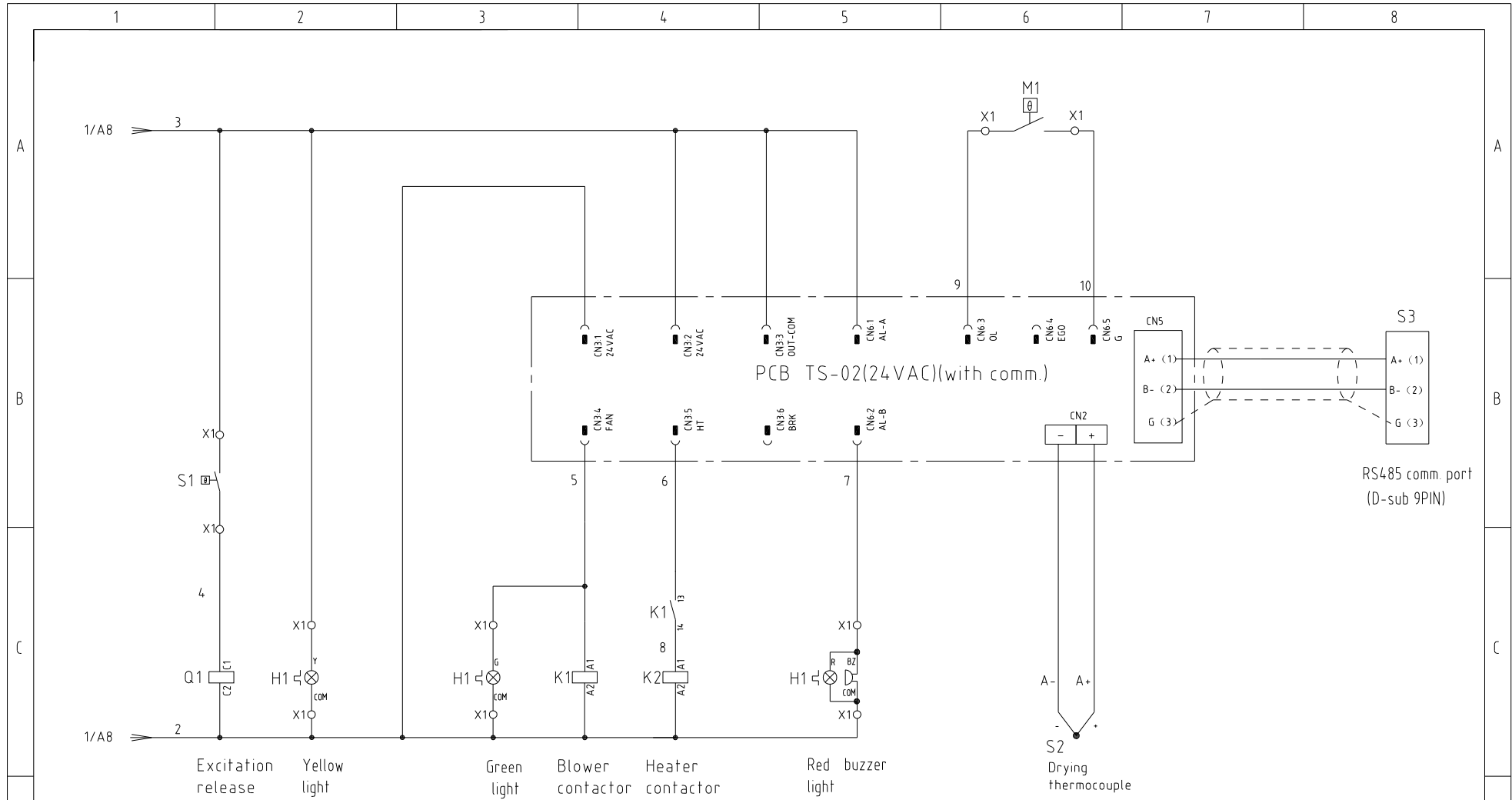
1		2		3		4		5		6		7		8	
NO.	Symbol	Name		Manufacturer		Type		Specification		Number	Material number		Remark		
A	1	Q1	Circuit breaker		TECO		BM-63C/3010S		10A 3P		1	YE40301003000			
	2		Excitation tripper		----		MX		24V 50/60Hz		1	YE40024000000			
	3	Q2	Circuit breaker		TECO		BM-63C/1003S		3A 1P		1	YE40100203000			
	4	K1	Contactor		SIEMENS		3RT6015-1AB01		24V 7A 50/60Hz 1NO		1	YE00601502500			
	5	K2	Contactor		SIEMENS		3RT6016-1AB01		24V 9A 50/60Hz		1	YE00601602500			
	6	T	Transformer		JIUXIN		IN=400V/415V OUT=24V		80VA		1	YE70040006500			
	7	PCB	Dryer controller/PCB		YuYun		TS-02(24VAC)(with comm.)		24V 50/60Hz		1	YE80022401200			
B	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		BINCHENG		----		----		1	YR40048500000			
	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			
C	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 seires		2	YE60000003900			
	17	H1	3-color alarm lamp		SHINI		red, yel.green+ buzzer		24V AC/DC		1	BL90002401520			
D	机型版本 Ver.B		Note: (1) Materials not in the control box;												
					Drawer		Version	0	Title	SHD-12E		Drawing NO.	Scale	Page	4
					Designer		Approved by		Elec. Parts List 1		SHD-12E-CE-400V-0-4		Standard	CE	Totally 4 Pages
	Mark	Before modification	After modification	Modified by	Modify date	Checked by		Date	20201231	 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Voltage	3φ400V		
											Frequency	50Hz			



机型版本 Ver.C

				Drawer	Version	A	Title	SHD-25E	Drawing NO	Scale	Page	1
				Designer	Approved by		Main Circuit Diagram	SHD-25E-CE-400V-A-1	Standard	CE	Totally	4 Pages
				Proofread by	Date	20210719	 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Voltage		3φ400V	
Mark	Before modification	After modification	Modified by	Modify date	Checked by				Frequency		50Hz	

1 2 3 4 5 6 7 8



机型版本 Ver.C

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

				Drawer		Version		Title		Drawing NO		Scale		Page 2	
				Designer		Approved by		SHD-25E		SHD-25E-CE-400V-A-2		Standard		Totally 4 Pages	
				Proofread by		Date		Electrical Drawing				Voltage		3φ400V	
Mark		Before modification		After modification		Modified by		20210719		SHINI 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Frequency		50Hz	

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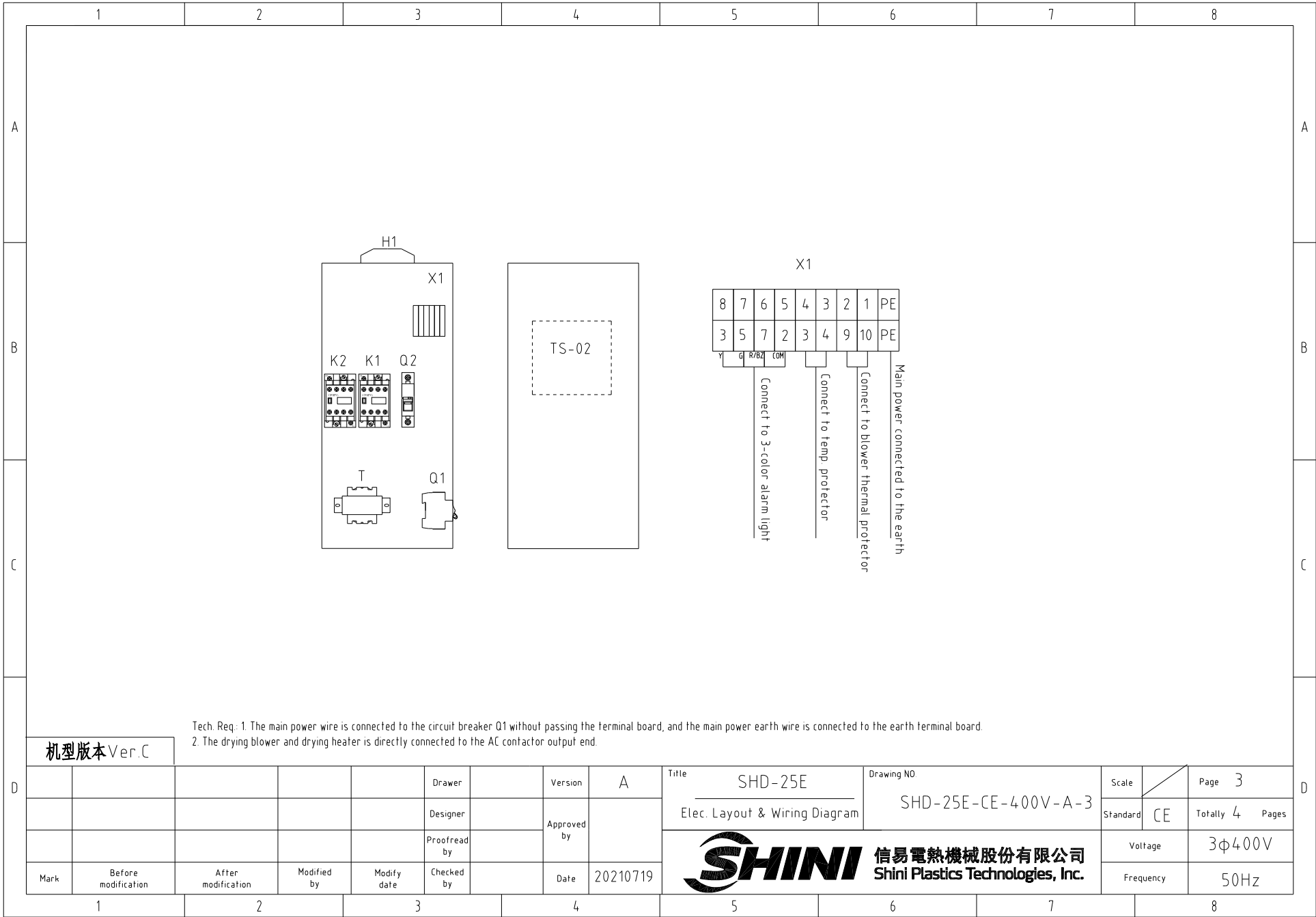
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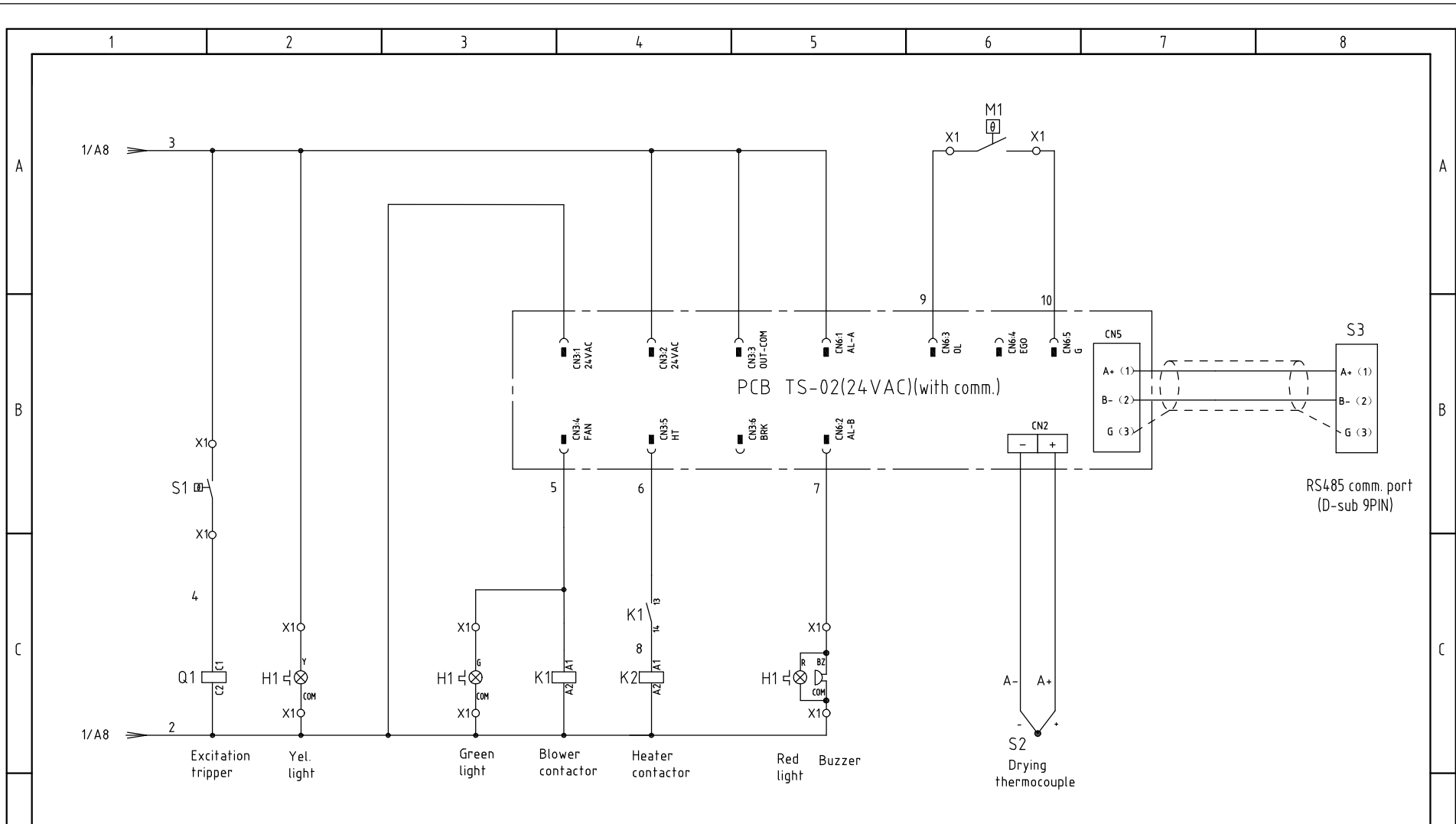
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Tech. Req: 1. The main power wire is connected to the circuit breaker Q1 without passing the terminal board, and the main power earth wire is connected to the earth terminal board.
 2. The drying blower and drying heater is directly connected to the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

机型版本 Ver.C

				Drawer	Version	A	Title	SHD-25E	Drawing NO	SHD-25E-CE-400V-A-3	Scale	Page	3
				Designer	Approved by		Elec. Layout & Wiring Diagram				Standard	CE	Totally 4 Pages
				Proofread by	Date	20210719	 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Voltage		3φ400V		
Mark	Before modification	After modification	Modified by	Modify date	Checked by				Frequency		50Hz		

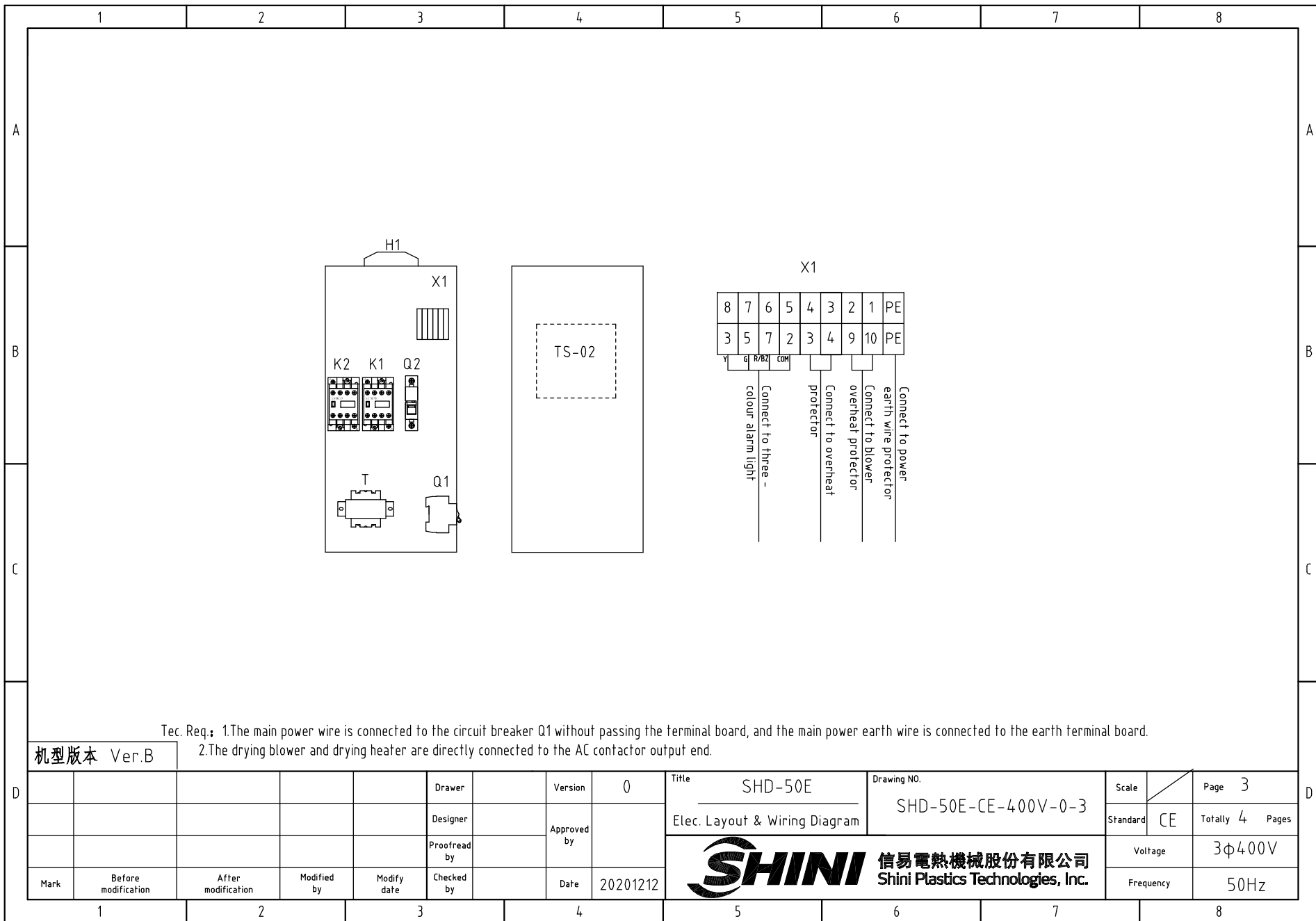


机型版本 Ver.B

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


D	Drawer	Version	0	Title	SHD-50E	Drawing NO.	SHD-50E-CE-400V-0-2	Scale	Page	2
	Designer	Approved by		Electrical Principle		Standard	CE	Totally	4	Pages
Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date	20201212	Voltage	3φ400V	
	1	2	3	4	5	6	7	Frequency	50Hz	



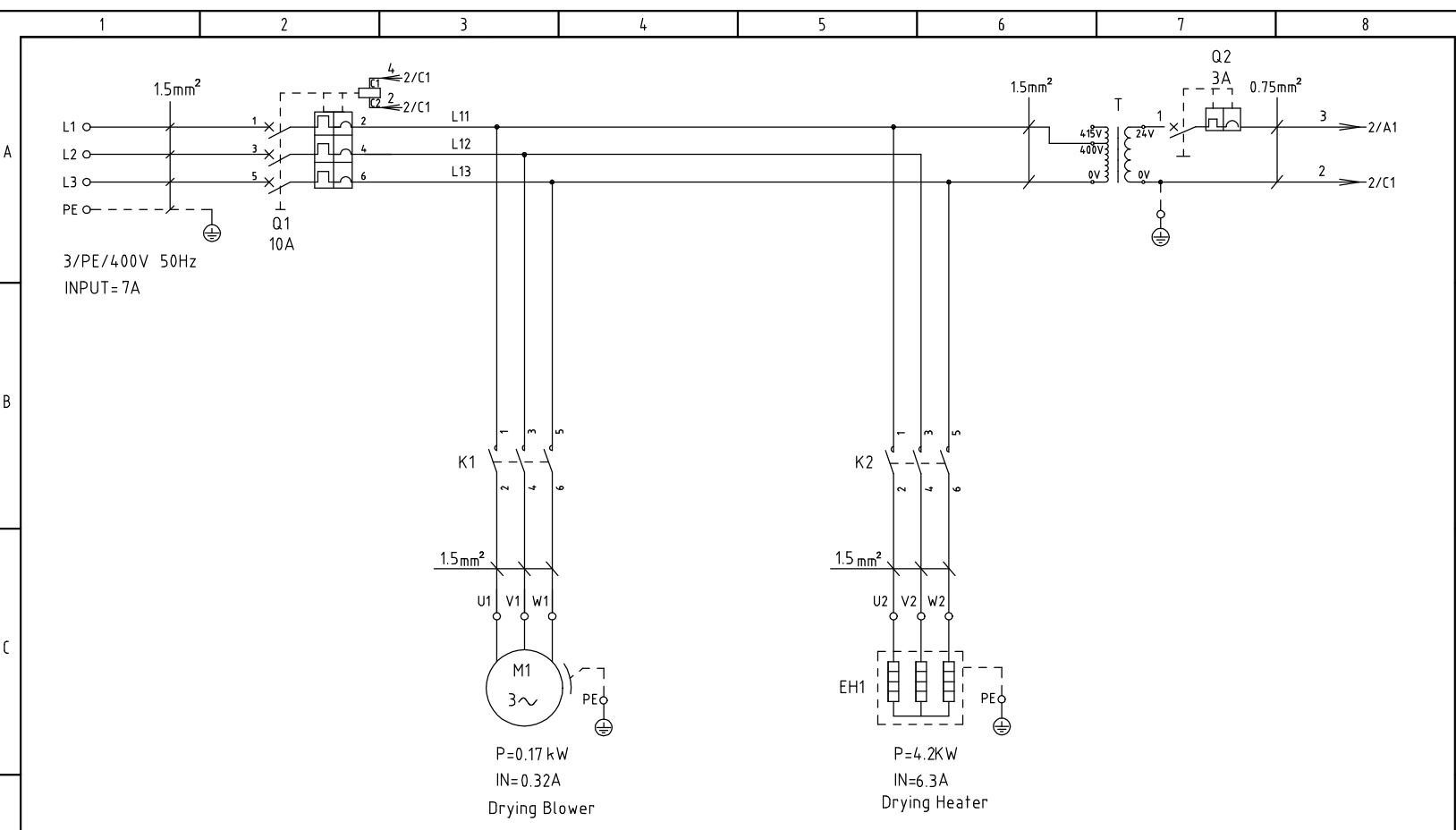


Tec. Req.: 1.The main power wire is connected to the circuit breaker Q1 without passing the terminal board, and the main power earth wire is connected to the earth terminal board.
 2.The drying blower and drying heater are directly connected to the AC contactor output end.

机型版本 Ver.B

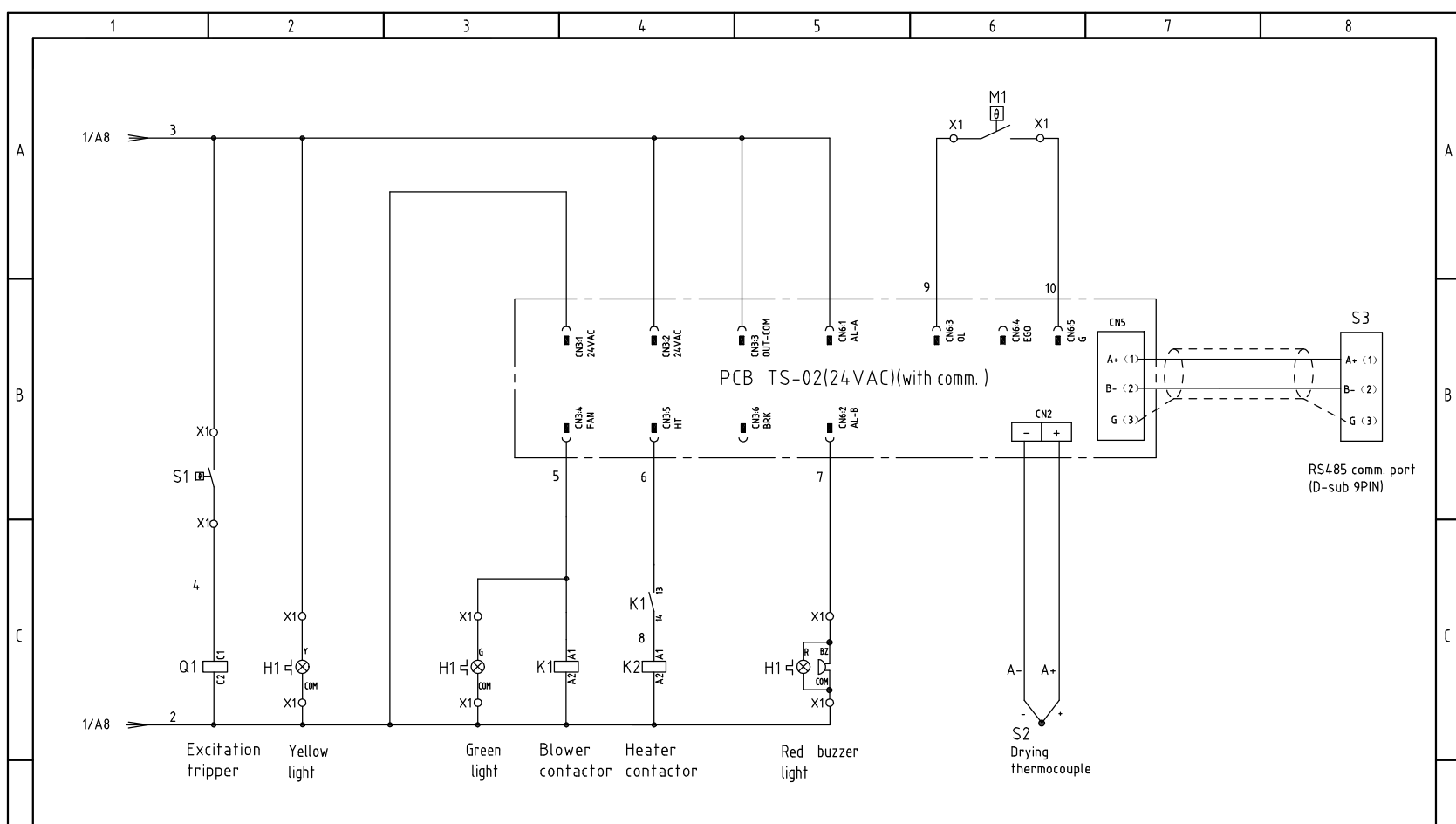
				Drawer	Version		0	Title	SHD-50E		Drawing NO.	Scale	Page	3
				Designer	Approved by			Elec. Layout & Wiring Diagram		SHD-50E-CE-400V-0-3		Standard	CE	Totally 4 Pages
				Proofread by	Date		20201212	 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Voltage		3φ400V		
Mark	Before modification	After modification	Modified by	Modify date	Checked by		Frequency			50Hz				

1	2		3		4	5		6		7		8			
NO.	Symbol	Name		Manufacturer	Type		Specification		Number	Material number		Remark			
A	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				
	4	K1	Contactor		SIEMENS	3RT6015-1AB01		24V 7A 50/60Hz 1NO		1	YE00601502500				
	5	K2	Contactor		SIEMENS	3RT6016-1AB01		24V 9A 50/60Hz		1	YE00601602500				
	6	T	Transformer		JIUXIN	IN=400V/415V OUT=24V		80VA		1	YE70040006500				
	7	PCB	Dryer controller/PCB		YuYun	TS-02(24VAC)(with comm.)		24V 50/60Hz		1	YE80022401200				
B	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)		YUYUN	---		---		1	YE90048501200				
	11		Shell RS485(SAL-700G-A-19)ver.0		BINGCHEN	---		---		1	YR40048500000				
	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				
C	15		Wiring terminal SK2.5(Honeywell)		Honeywell	GK2.5PE		2.5mm ²		1	YE60002503400				
	16	H1	3-color alarm lamp		SHINI	red. yel.green+ buzzer		24V AC/DC		1	BL90002401520				
	17		Terminal fittings E/GK series (Honeywell)		Honeywell	E		GK seires		2	YE60000003900				
D	机型版本 Ver.B		Note: (1) Materials not in the control box;												
					Drawer		Version	0	Title	SHD-50E		Drawing NO.	Scale	Page 4	
					Designer		Approved by		Elec. Parts List 1		SHD-50E-CE-400V-0-4		Standard	CE	Totally 4 Pages
	Mark	Before modification	After modification	Modified by	Modify date	Checked by		Date	20201212		 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Voltage	3φ400V	
												Frequency	50Hz		



机型版本 Ver.C

D						Drawer	Version	A	Title	SHD-75E	Drawing NO.	Scale	Page 1	D
						Designer	Approved by		主电路图	SHD-75E-CE-400V-A-1	Standard	CE	Totally 5 Pages	
						Proofread by	Date	20220208	信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.	Voltage	3φ400V			
	Mark	Before modification	After modification	Modified by	Modify date	Checked by				Frequency	50Hz			
	1	2	3	4	5	6	7	8						



机型版本 Ver.C Note: M1 is the overheat protector of the drying blower.

D	Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date	20220208	Version	A	Title	SHD-75E 电气原理图	Drawing NO.	SHD-75E-CE-400V-A-2	Scale	Page 2	D
	Designer					Approved by					Standard	CE	Totally 5	Pages			
	Proofread by										Voltage	3φ400V	Frequency	50Hz			



1 2 3 4 5 6 7 8

A

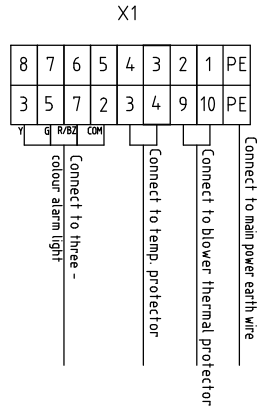
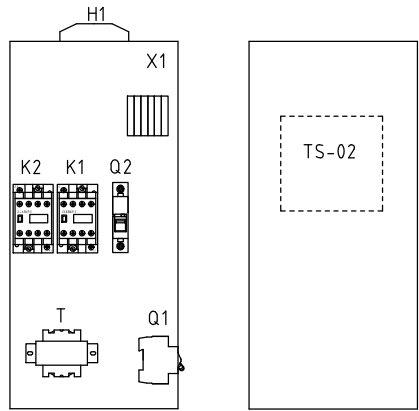
B

C

A

B

C



Technical Requirement: 1. The main power wire is connected to the circuit breaker Q1 without passing the terminal board.
 The power ground wire is connected to the ground terminal board.
 2. The drying blower and drying heater is directly connected to the AC contactor output end.

机型版本 Ver.C

Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date	20220208
Drawer					Version	A	
Designer					Approved by		
Proofread by							

Title	SHD-75E 电气布置及接线图	Drawing NO.	SHD-75E-CE-400V-A-3	Scale	Page 3
Standard	CE	Totally	5	Pages	
Voltage	3φ400V		Frequency	50Hz	



1 2 3 4 5 6 7 8

D

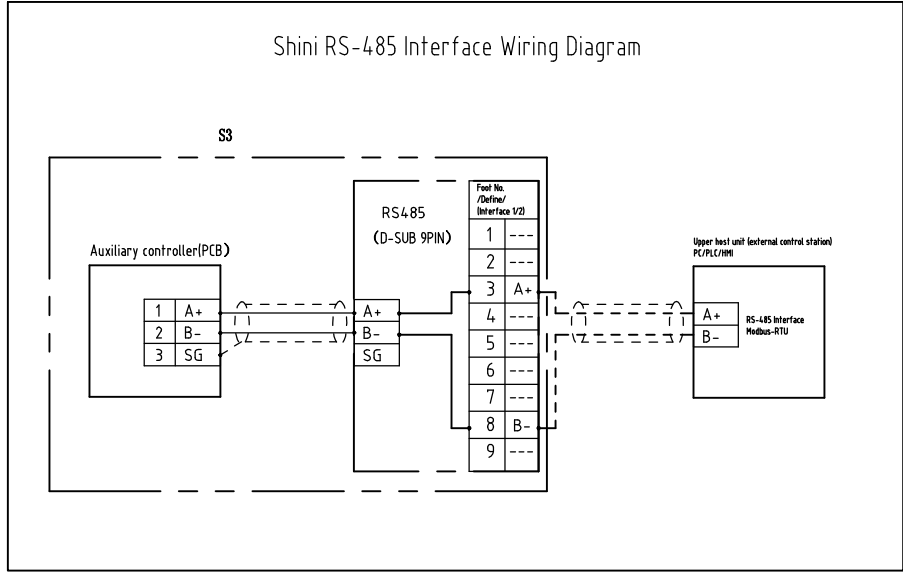
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1 2 3 4 5 6 7 8

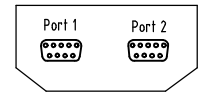
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A

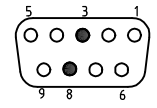
Shini RS-485 Interface Wiring Diagram



Shini RS-485 Interface Definition S3



D-sub-9 pin port	Foot No.	Definition
	1	-
	2	-
	3	A+ (RS-485 signal)
	4	-
	5	-
	6	-
	7	-
	8	B- (RS-485 signal)
	9	-



Note: 1.Common interface: RS-485 (double wire)
 2.Protocol: Modbus-RTU
 3.Machine is equipped with D-sub9 female connector, and the customer should add the D-sub9 male connector;
 4.Port 1 and port 2 is internally connected in parallel with the same function regardless of primary and secondary.

B

B

C

C

机型版本 Ver.C

Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date	20220208
Drawer						Version	A
Designer						Approved by	
Proofread by							

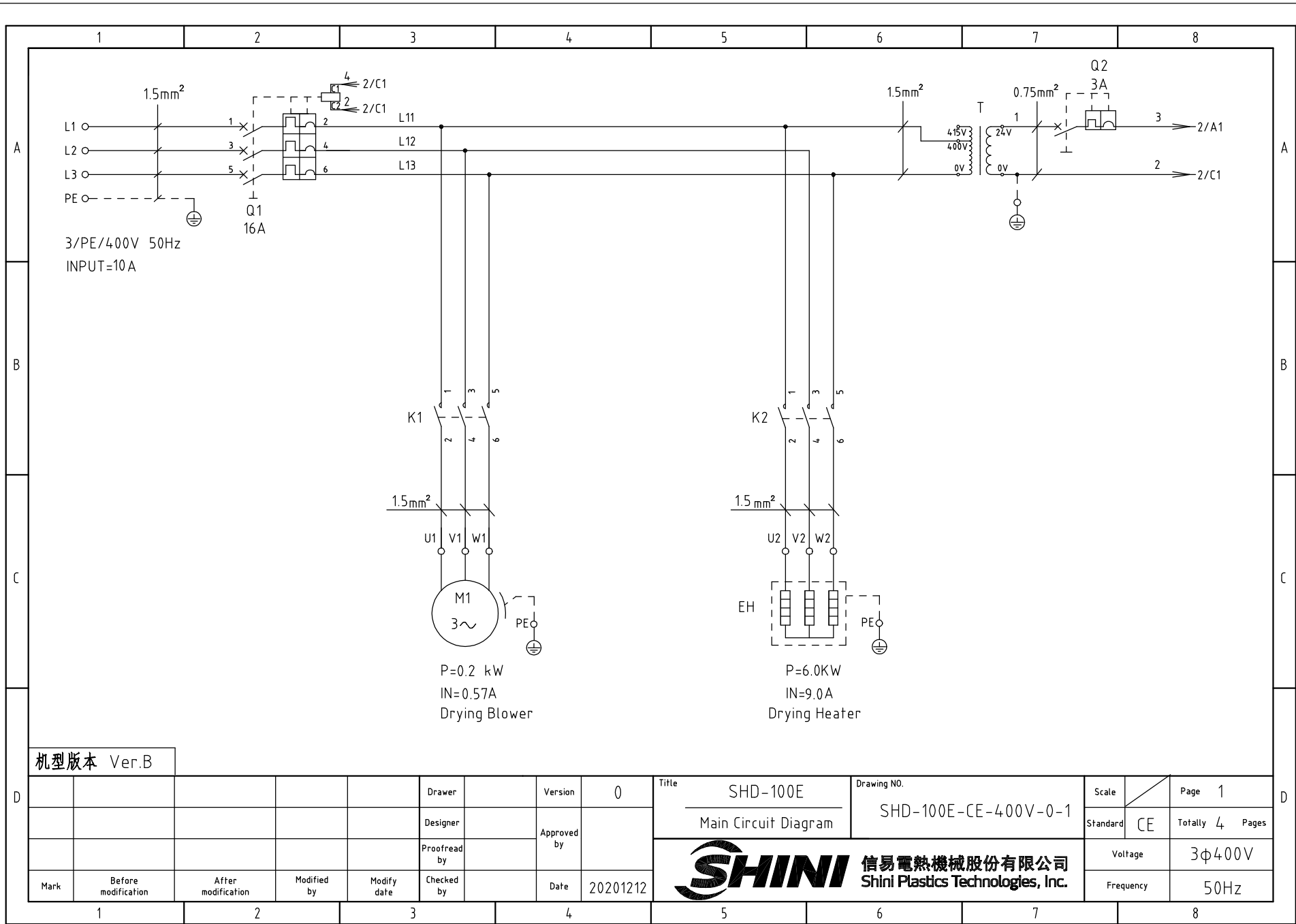
Title	SHD-75E 通讯接线图	Drawing NO.	SHD-75E-CE-400V-A-4
 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Scale	Page 4
		Standard	CE Totally 5 Pages
		Voltage	3φ400V
		Frequency	50Hz

1 2 3 4 5 6 7 8

D

D

1		2		3		4		5		6		7		8		
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark								
A	1	Q1	Circuit-breaker	TECO	BM-63C/3010S	10A 3P	1	YE40301003000								
	2		Excitation release	---	MX	24V 50/60Hz	1	YE40024000000								
	3	Q2	Circuit breaker	TECO	BM-63C/1003S	3A 1P	1	YE40100203000								
	4	K1	Contactora	SIEMENS	3RT6015-1AB01	24V 7A 50/60Hz 1NO	1	YE00601502500								
	5	K2	Contactora	SIEMENS	3RT6016-1AB01	24V 9A 50/60Hz	1	YE00601602500								
	6	T	Transformer	JIUXIN	IN=400V/415V OUT=24V	80VA	1	YE70040006500								
	7	PCB	Drying controller/PCB	YuYun	TS-02(24VAC)(with comm.) Yuyun	24V 50/60Hz	1	YE80022401200								
B	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	---	---	---	1	YR40048500000								
	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								
C	15	X1	Earth 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. gre. + buzzer	24V AC/DC	1	BL90002401520								
D	机型版本 Ver.C		Notes: (1)Means it's not the material inside the control box.													
					Drawer		Version	A	Title	SHD-75E	Drawing NO.		Scale		Page	5
					Designer		Approved by		电气元件明细表一	SHD-75E-CE-400V-A-5		Standard	CE	Totally	5	Pages
					Proofread by		Date	20220208			信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Voltage	3φ400V		
Mark	Before modification	After modification	Modified by	Modify date	Checked by							Frequency	50Hz			



机型版本 Ver.B

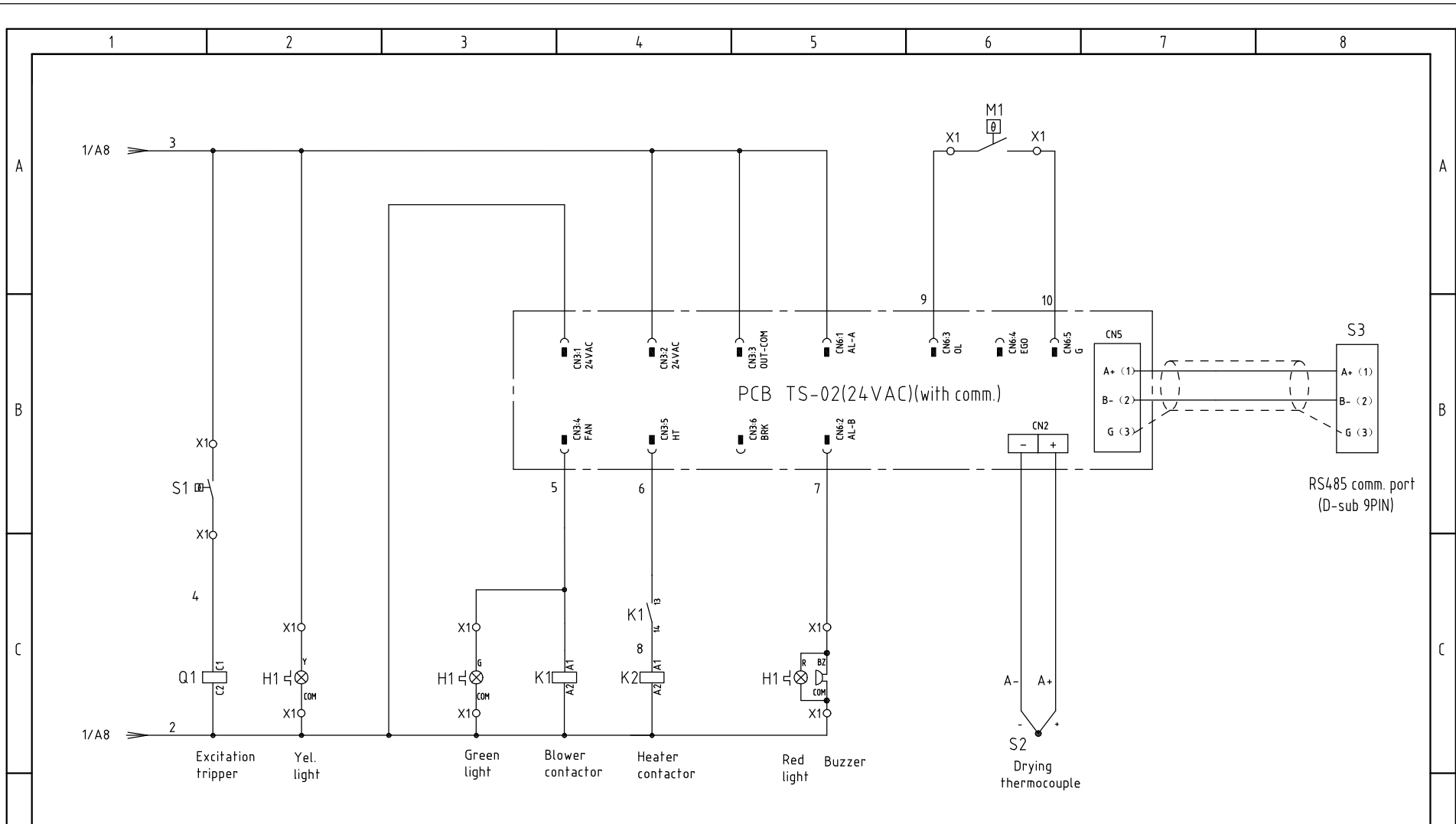
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					Designer		Approved by	
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Mark	Before modification	After modification	Modified by	Modify date	Checked by		Date	20201212

Title SHD-100E
Main Circuit Diagram

Drawing NO. SHD-100E-CE-400V-0-1


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

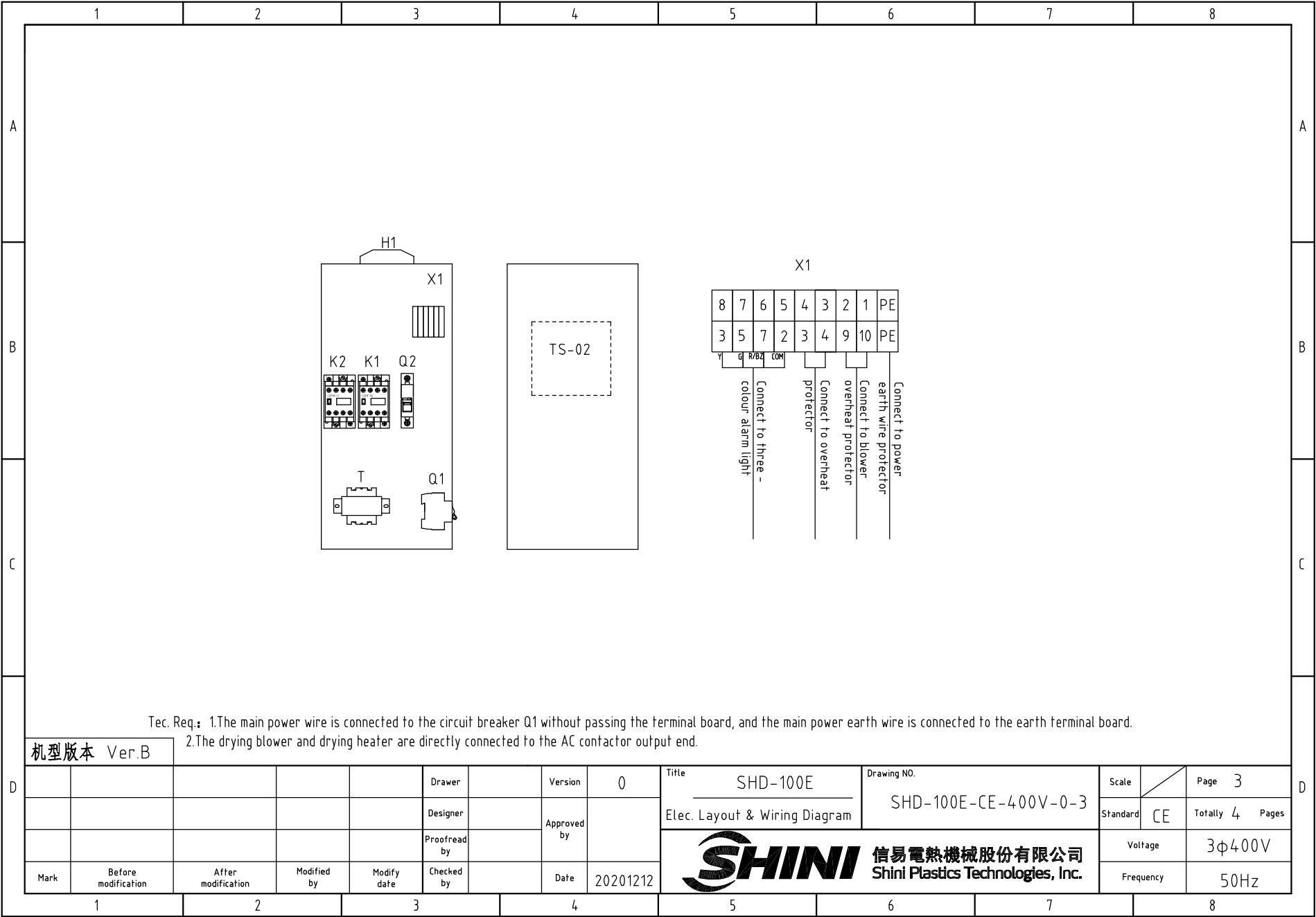
Scale	Page 1
Standard CE	Totally 4 Pages
Voltage	3φ400V
Frequency	50Hz



机型版本 Ver.B

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

D	Drawer	Version	0	Title	SHD-100E	Drawing NO.	SHD-100E-CE-400V-0-2	Scale	Page	2
	Designer	Approved by		Electrical Principle		Standard	CE	Totally	4	Pages
D	Proofread by	Checked by	Date	20201212	 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Voltage	3φ400V		
	Mark	Before modification	After modification	Modify date			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.

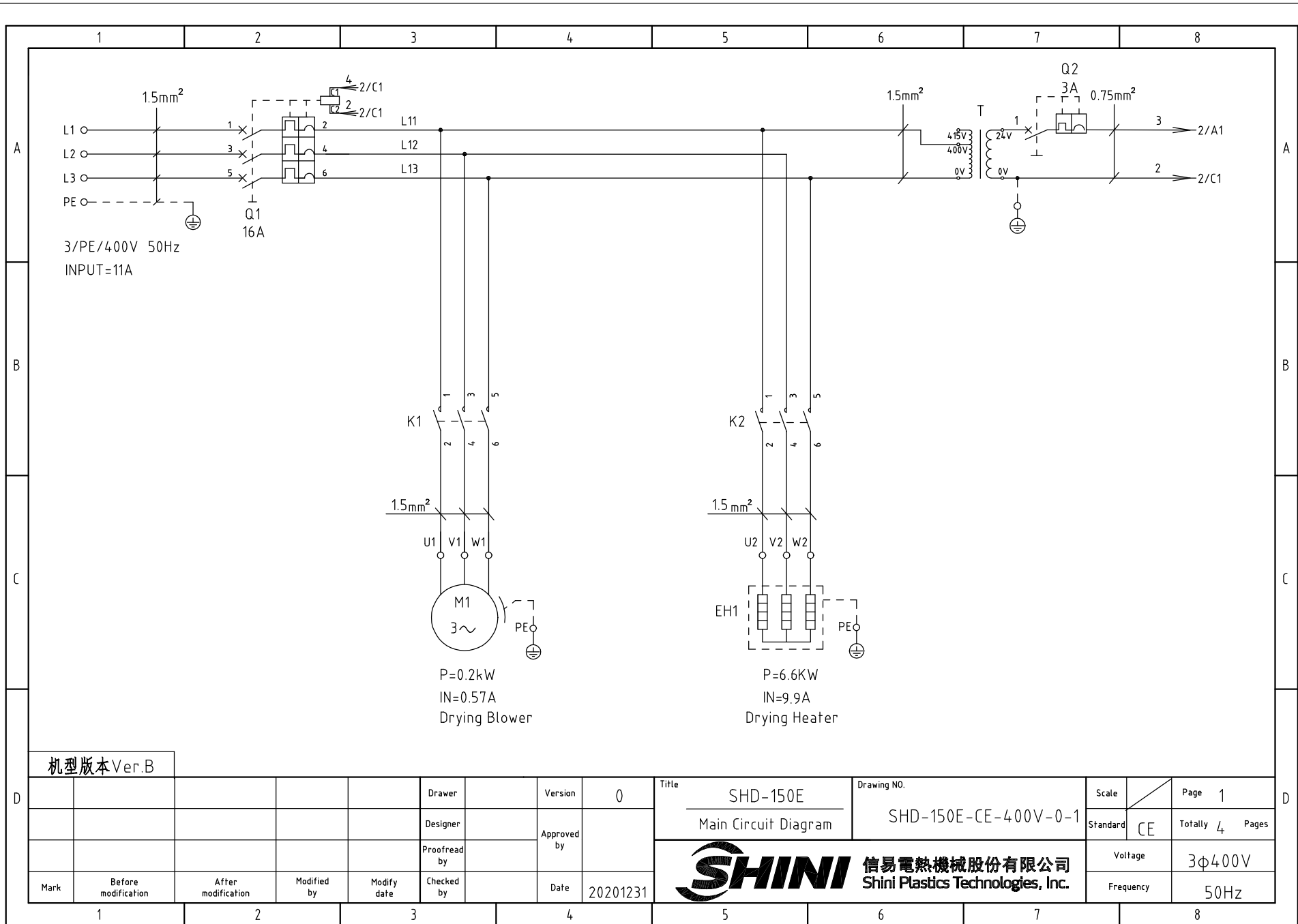
机型版本 Ver.B

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

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



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



机型版本 Ver.B

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

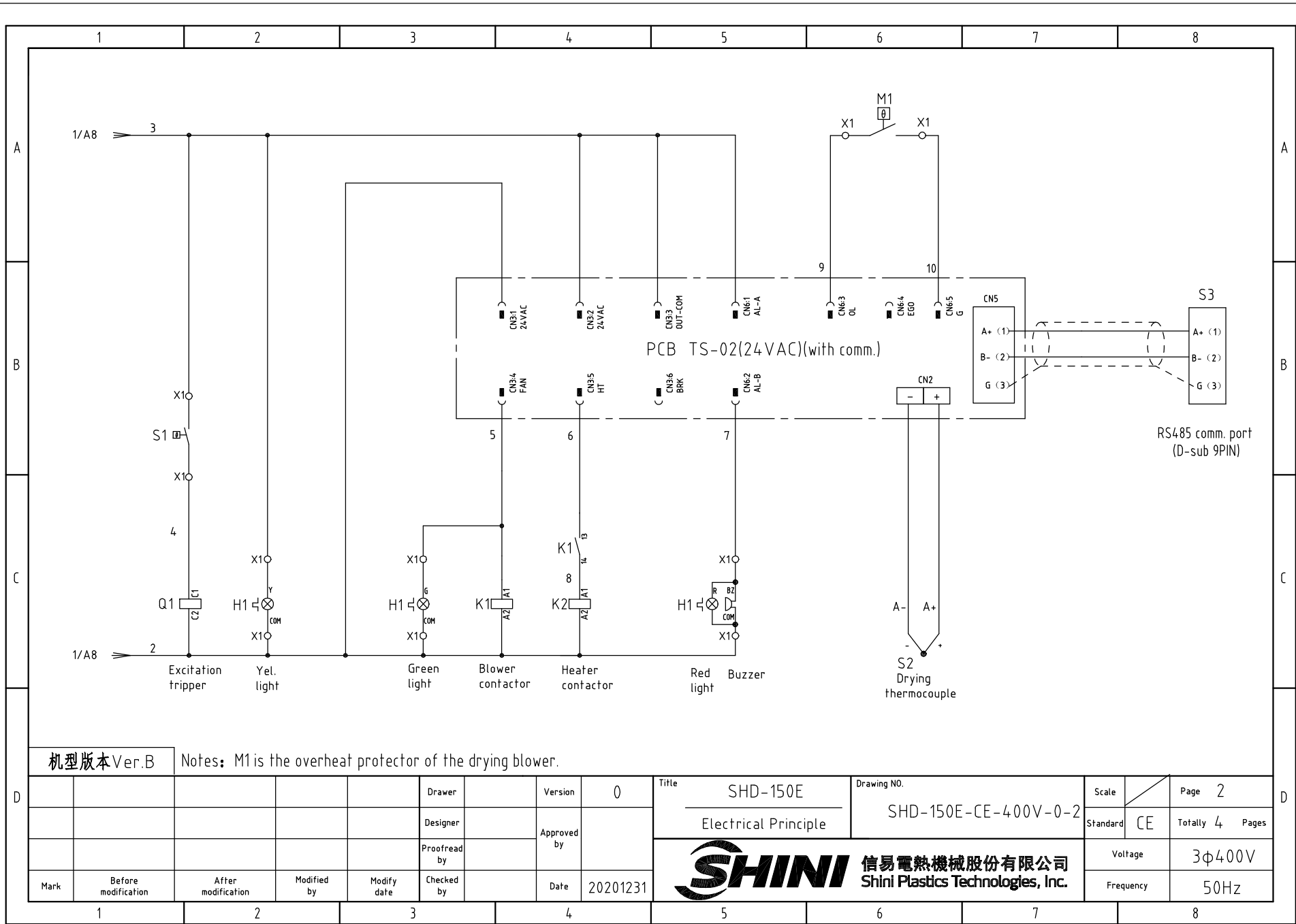
Title
SHD-150E
Main Circuit Diagram

Drawing NO.
SHD-150E-CE-400V-0-1

Scale	Page 1
Standard	Totally 4 Pages


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

Voltage	3φ400V
Frequency	50Hz



机型版本 Ver.B

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

D	Drawer	Version	0	Title	SHD-150E	Drawing NO.	SHD-150E-CE-400V-0-2	Scale	Page	2
	Designer	Approved by		Electrical Principle		Standard	CE	Totally	4	Pages
D	Proofread by	Checked by	Date	20201231	 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Voltage	3φ400V		
	Mark	Before modification	After modification	Modified by			Modify date	Frequency	50Hz	

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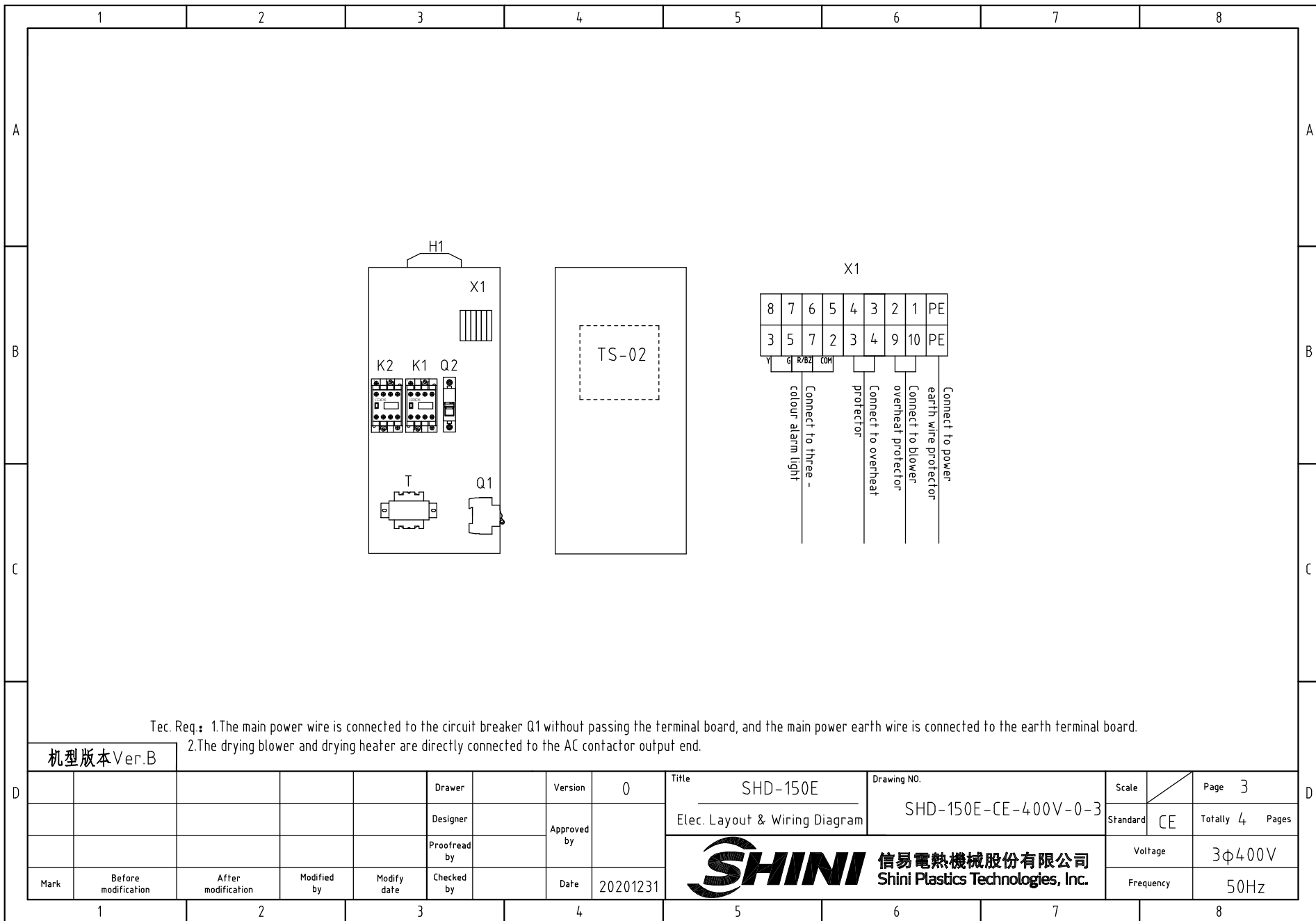
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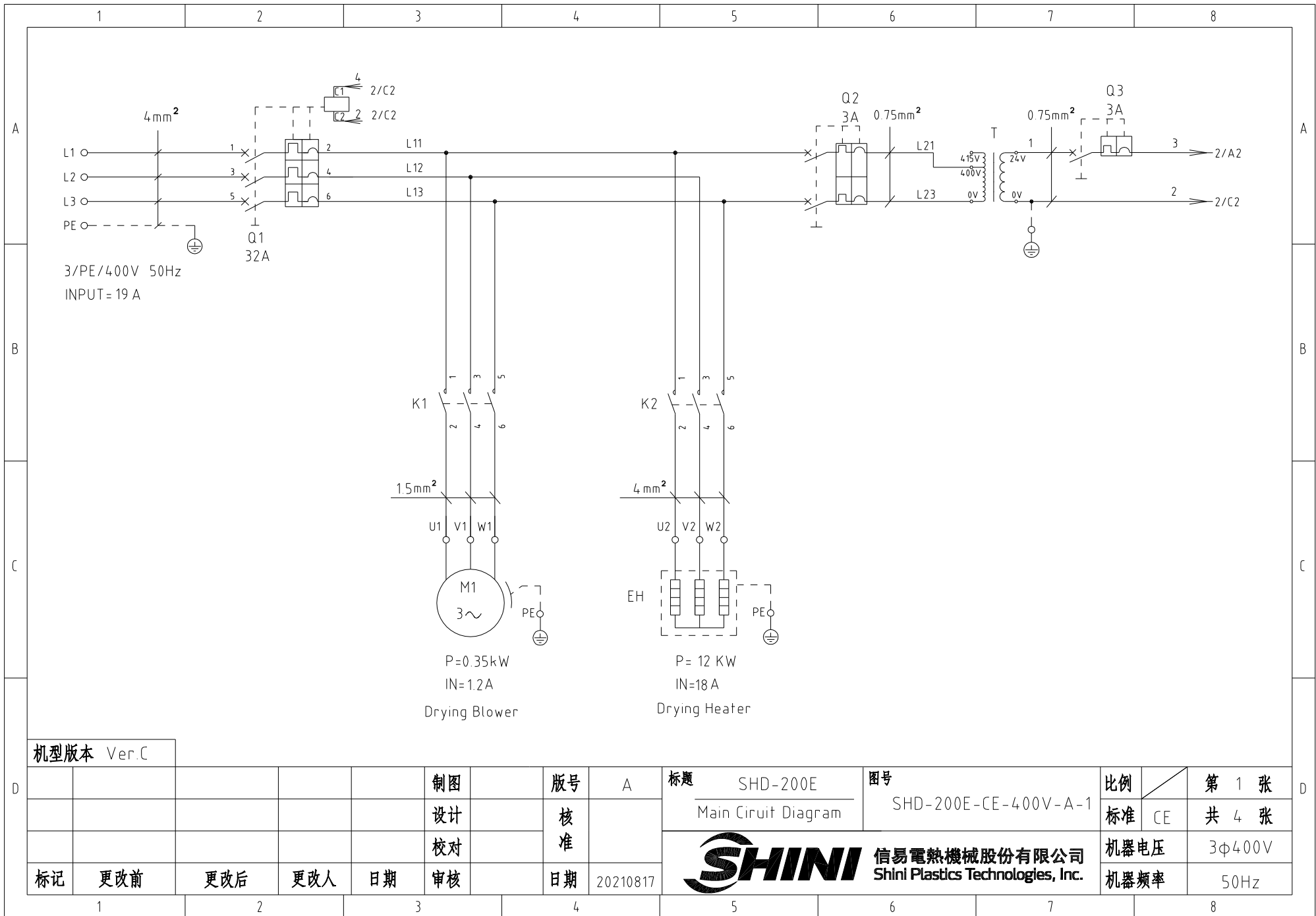
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Tec. Req.: 1.The main power wire is connected to the circuit breaker Q1 without passing the terminal board, and the main power earth wire is connected to the earth terminal board.
 2.The drying blower and drying heater are directly connected to the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

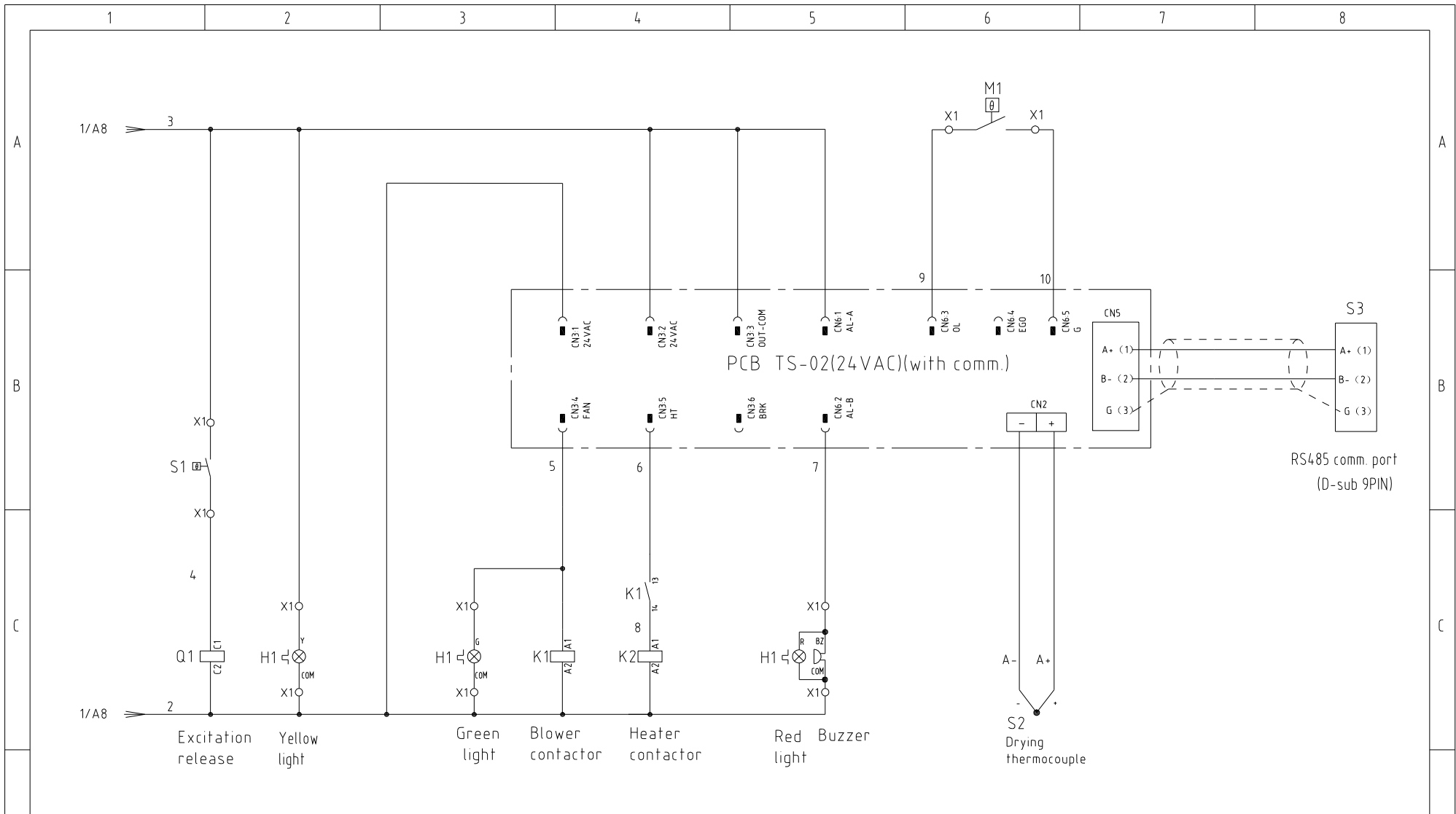
机型版本 Ver.B				Drawer	Version	0	Title	SHD-150E	Drawing NO.	SHD-150E-CE-400V-0-3	Scale	Page	3
				Designer	Approved by		Elec. Layout & Wiring Diagram		Standard	CE	Totally	4	Pages
				Proofread by	Checked by		 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Voltage		3φ400V		
Mark	Before modification	After modification	Modified by	Modify date	Date	20201231			Frequency		50Hz		

1	2		3	4	5	6	7	8			
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark			
A	1	Q1	Circuit breaker	TECO	BM-63C/3016S	16A 3P	1	YE40301603000			
	2		Excitation tripper	---	MX	24V 50/60Hz	1	YE40024000000			
	3	Q2	Circuit breaker	TECO	BM-63C/1003S	3A 1P	1	YE40100203000			
	4	K1	Contactora	SIEMENS	3RT6015-1AB01	24V 7A 50/60Hz 1NO	1	YE00601502500			
	5	K2	Contactora	SIEMENS	3RT6018-1AB01	24V 16A 50/60Hz	1	YE00601802500			
	6	T	Transformer	JIUXIN	IN=400V/415V OUT=24V	80VA	1	YE70040006500			
	7	PCB	Dryer controller/PCB	YuYun	TS-02(24VAC)(with comm.)	24V 50/60Hz	1	YE80022401200			
B	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	---	---	---	1	YR40048500000			
	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			
C	15	X1	Wiring terminal GK2.5(Honeywell)	Honeywell	GK2.5PE	2.5mm ²	1	YE60002503400			
	16		Terminal fittings E/GK series (Honeywell)	Honeywell	E	GK seires	2	YE60000003900			
	17	H1	3-color alarm lamp	SHINI	red. yel.green+ buzzer	24V AC/DC	1	BL90002401520			
D	机型版本 Ver.B		Note: (1) Materials not in the control box;								
				Drawer	Version	0	Title	SHD-150E	Drawing NO.	Scale	Page 4
				Designer	Approved by		Elec. Parts List 1	SHD-150E-CE-400V-0-4	Standard	CE	Totally 4 Pages
	Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date	20201231	 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Voltage
										Frequency	50Hz



机型版本 Ver.C

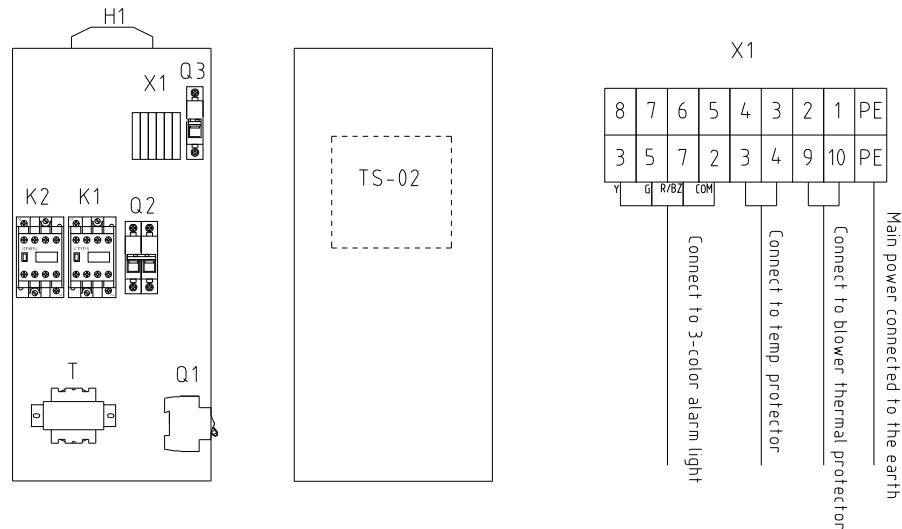
					制图		版号	A	标题	SHD-200E	图号	SHD-200E-CE-400V-A-1	比例	第 1 张
					设计		核		标准	CE			共 4 张	
					校对		准		 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		机器电压	3φ400V		
标记	更改前	更改后	更改人	日期	审核	日期	20210817	机器频率			50Hz			



机型版本 Ver.C

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


制图		版号		标题		图号		比例		第 2 张	
设计		A		SHD-200E		SHD-200E-CE-400V-A-2		标准		共 4 张	
校对		核准		SHINI		信易電熱機械股份有限公司		机器电压		3φ400V	
标记		日期		Shini Plastics Technologies, Inc.		机器频率		50Hz			
更改前	更改后	更改人	日期	20210817							

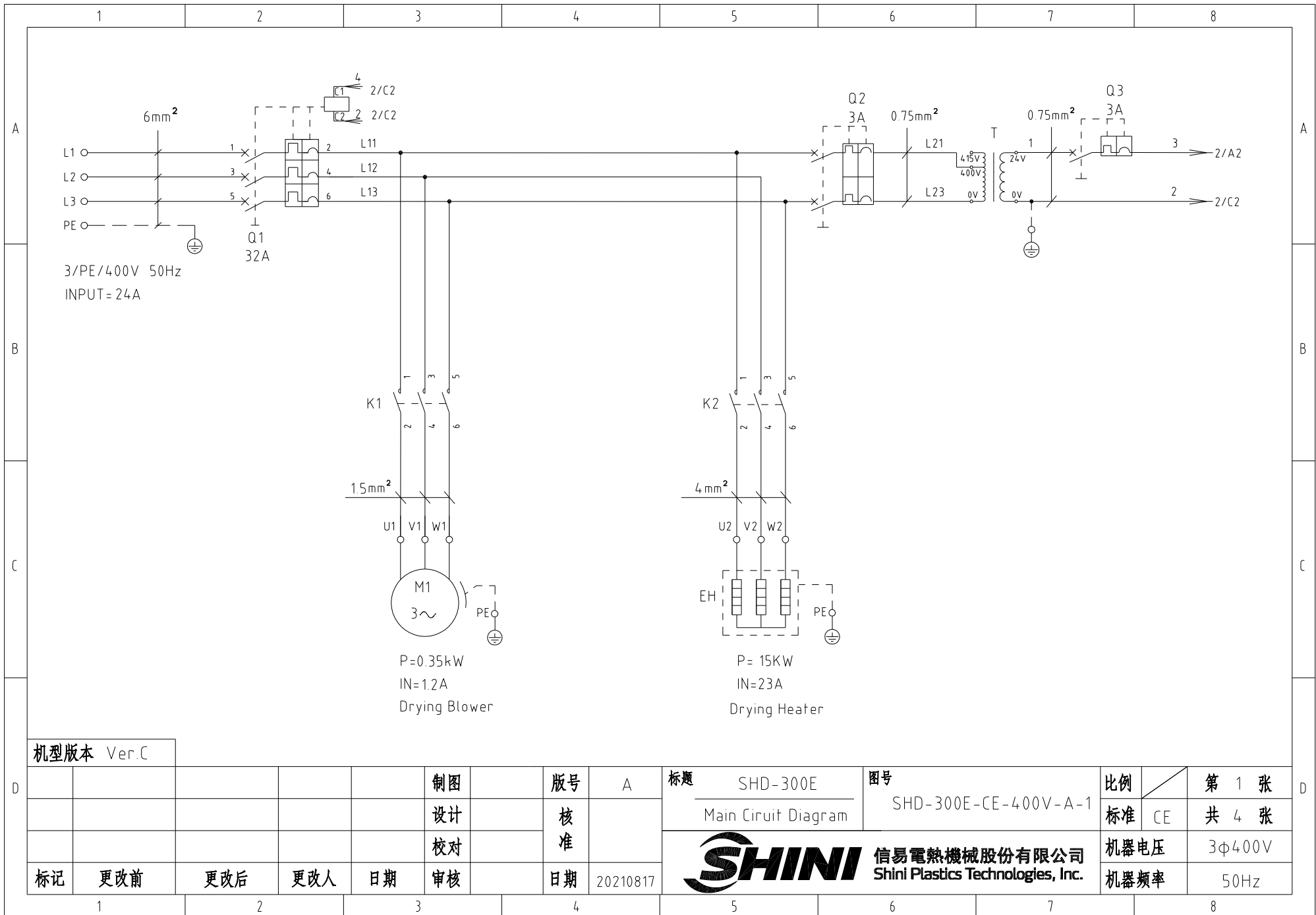


Tech. Req:

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 is directly connected to the AC contactor output end.

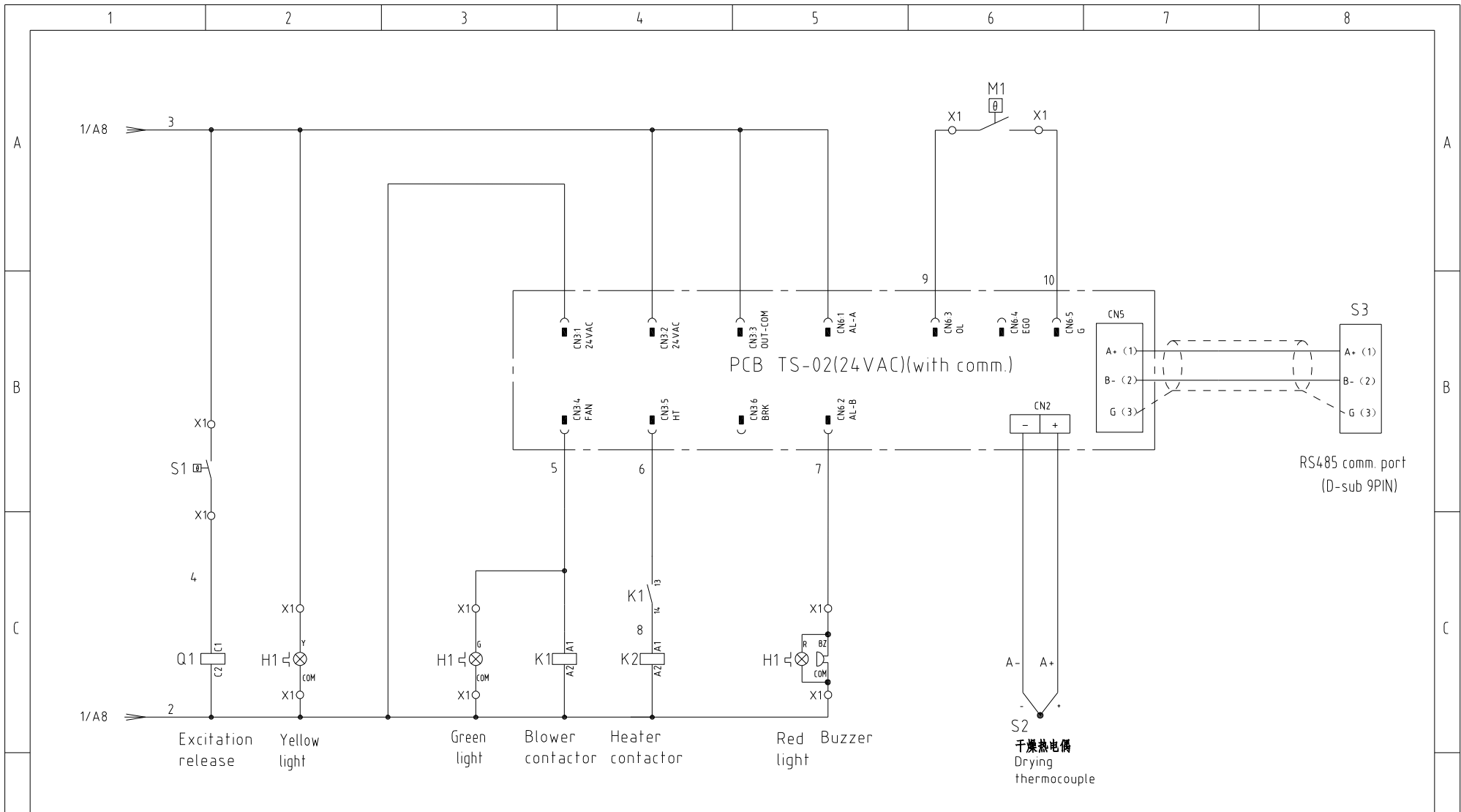
机型版本 Ver.C

					制图		版号	A	标题	SHD-200E	图号	比例	第 3 张
					设计		核		Elec. Layout & Wiring Diagram	SHD-200E-CE-400V-A-3	标准	CE	共 4 张
					校对		准						
标记	更改前	更改后	更改人	日期	审核		日期	20210817	 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		机器电压	3φ400V	
											机器频率	50Hz	




机型版本 Ver.C

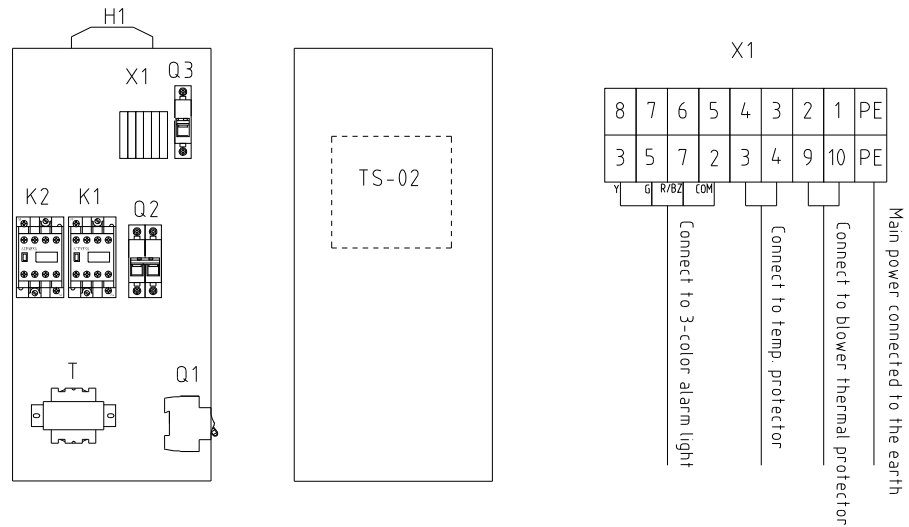
					制图		版号	A	标题	SHD-300E	图号	SHD-300E-CE-400V-A-1	比例	第 1 张
					设计		核		Main Circuit Diagram	SHINI 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.	标准	CE	共 4 张	
					校对		准				机器电压	3φ400V		
标记	更改前	更改后	更改人	日期	审核		日期	20210817			机器频率	50Hz		



机型版本 Ver.C

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

				制图	版号	A	标题	SHD-300E	图号	SHD-300E-CE-400V-A-2	比例	第 2 张
				设计	核准		Electrical Drawing		标准	CE	共 4 张	
				校对	核准		 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		机器电压	3φ400V		
标记	更改前	更改后	更改人	日期	审核	日期			20210817	机器频率	50Hz	

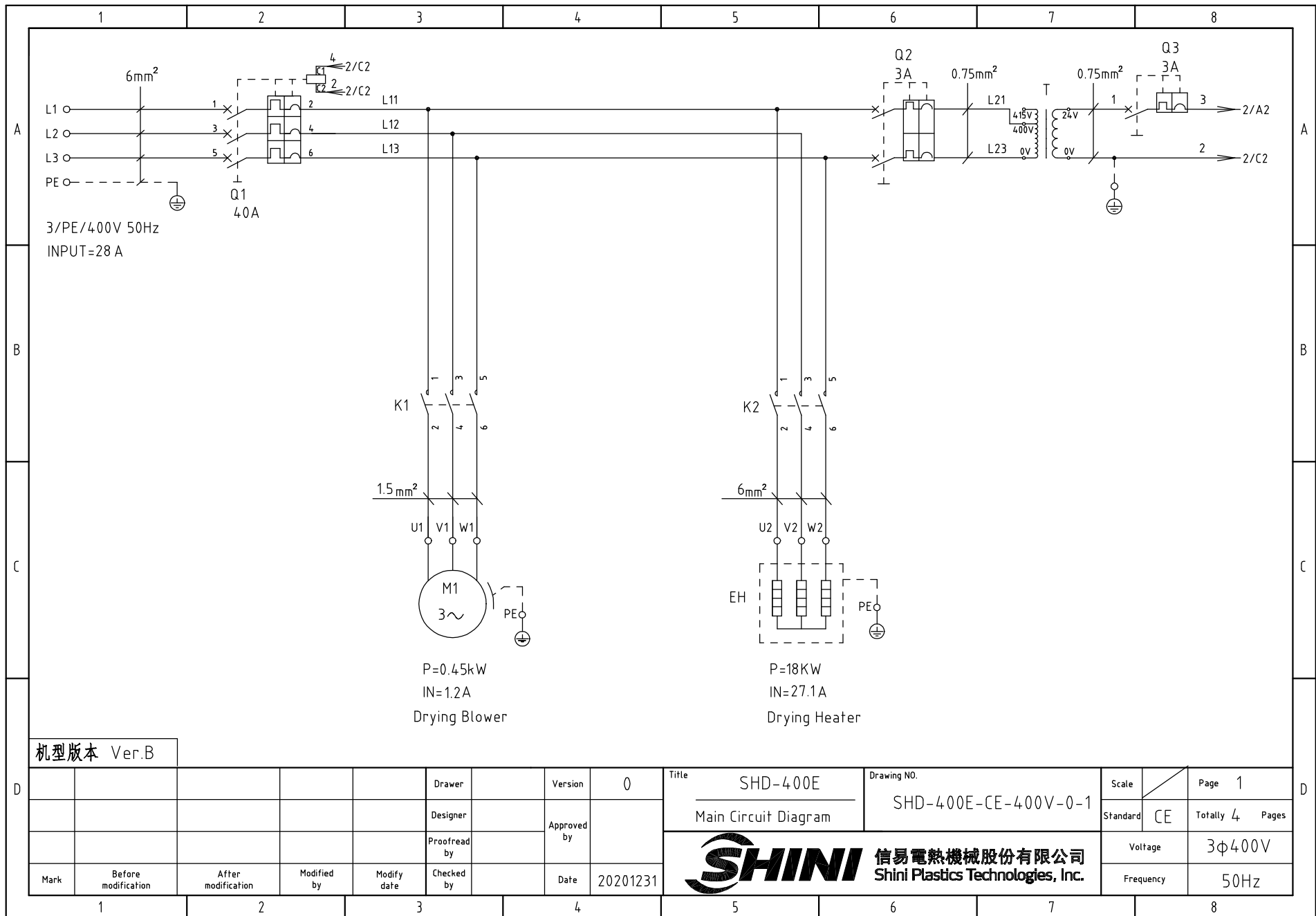


Tech. Req:


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 is directly connected to the AC contactor output end.

机型版本 Ver.C

制图		版号		标题		图号		比例		第 3 张	
设计		核 准		SHD-300E		SHD-300E-CE-400V-A-3		标准		共 4 张	
校对		日期		Elec. Layout & Wiring Diagram		SHINI 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		机器电压		3φ400V	
标记		日期		20210817				机器频率		50Hz	



机型版本 Ver.B

D					Drawer		Version	0	Title	SHD-400E	Drawing NO.	Scale	Page	1
					Designer		Approved by		Main Circuit Diagram		SHD-400E-CE-400V-0-1	Standard	CE	Totally 4 Pages
					Proofread by		Date	20201231	 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Voltage	3φ400V		
	Mark	Before modification	After modification	Modified by	Modify date	Checked by		Frequency			50Hz			

1

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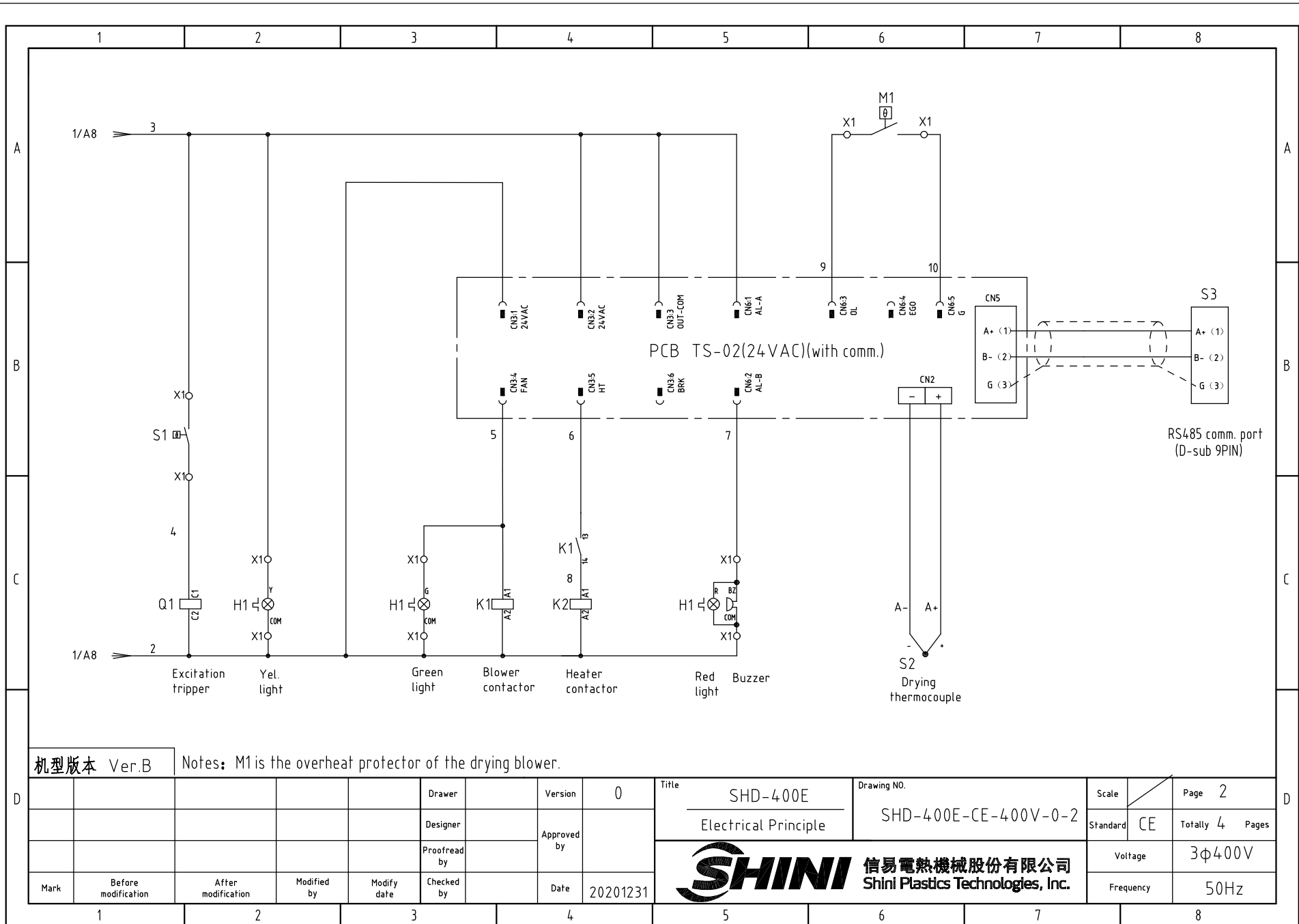
4

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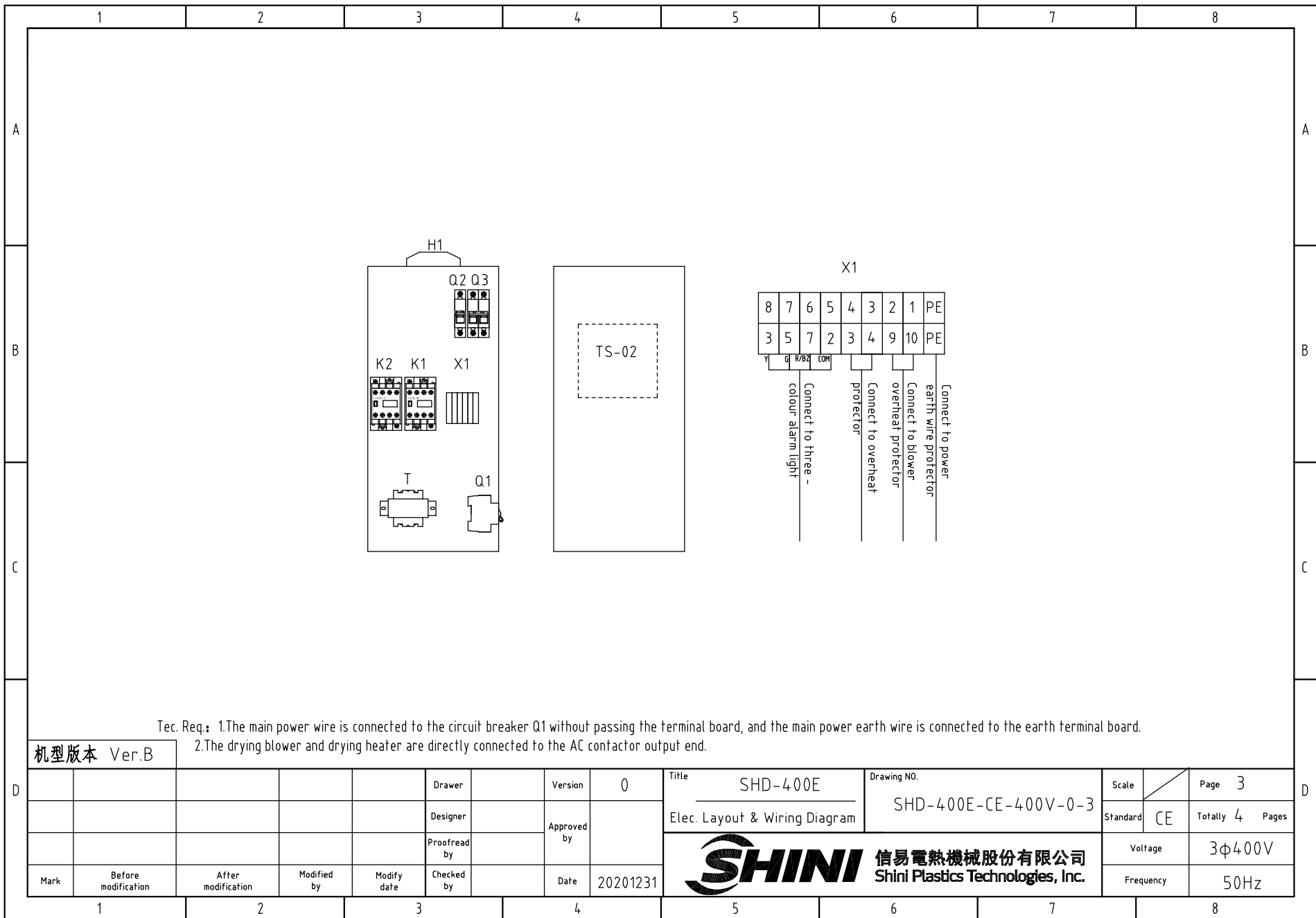


机型版本 Ver.B

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

D	Drawer	Version	0	Title	SHD-400E	Drawing NO.	SHD-400E-CE-400V-0-2	Scale	Page	2
	Designer	Approved by		Electrical Principle		Standard	CE	Totally	4	Pages
Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date	20201231	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

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

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



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

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A

B

C

D

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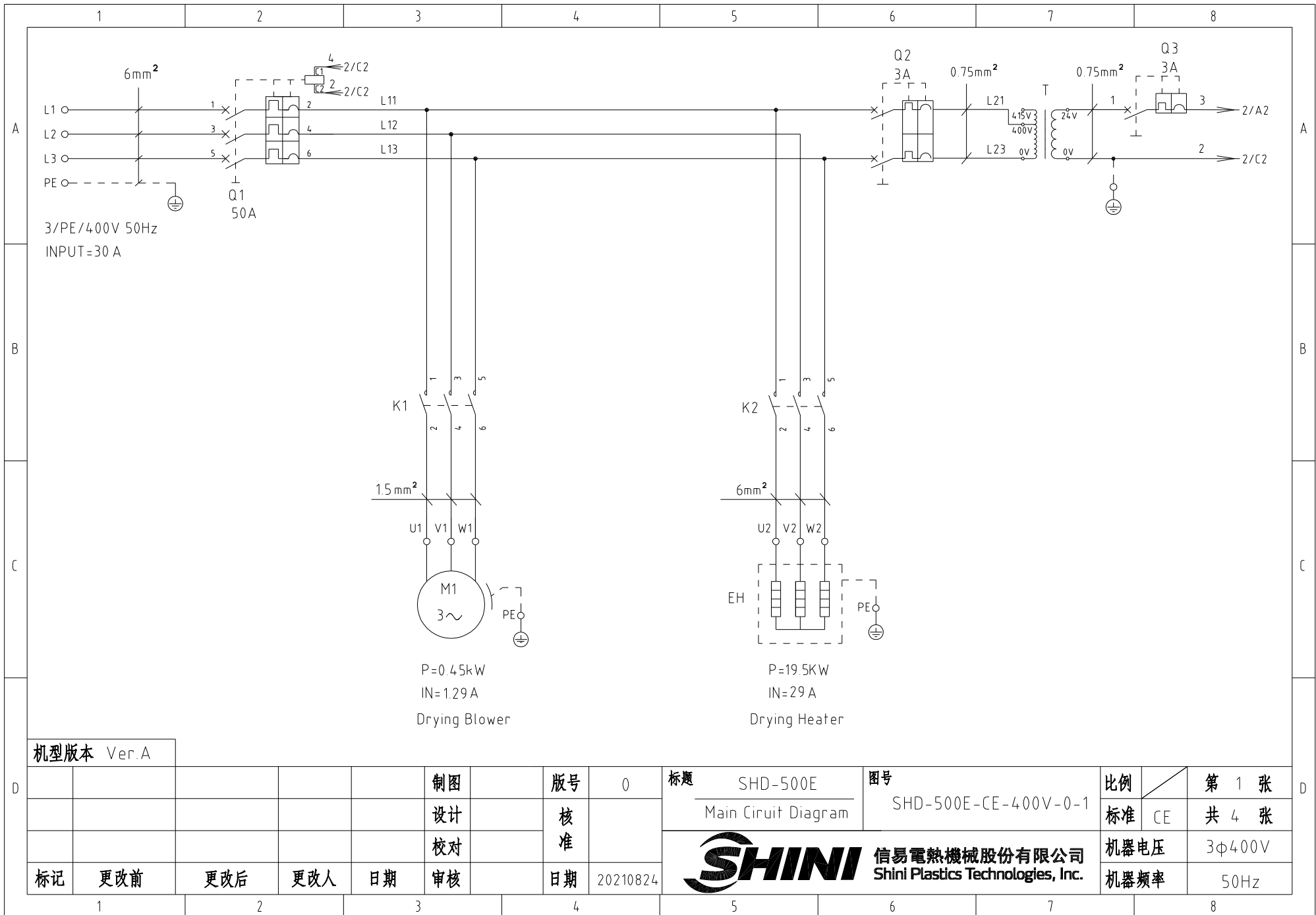
5

6

7

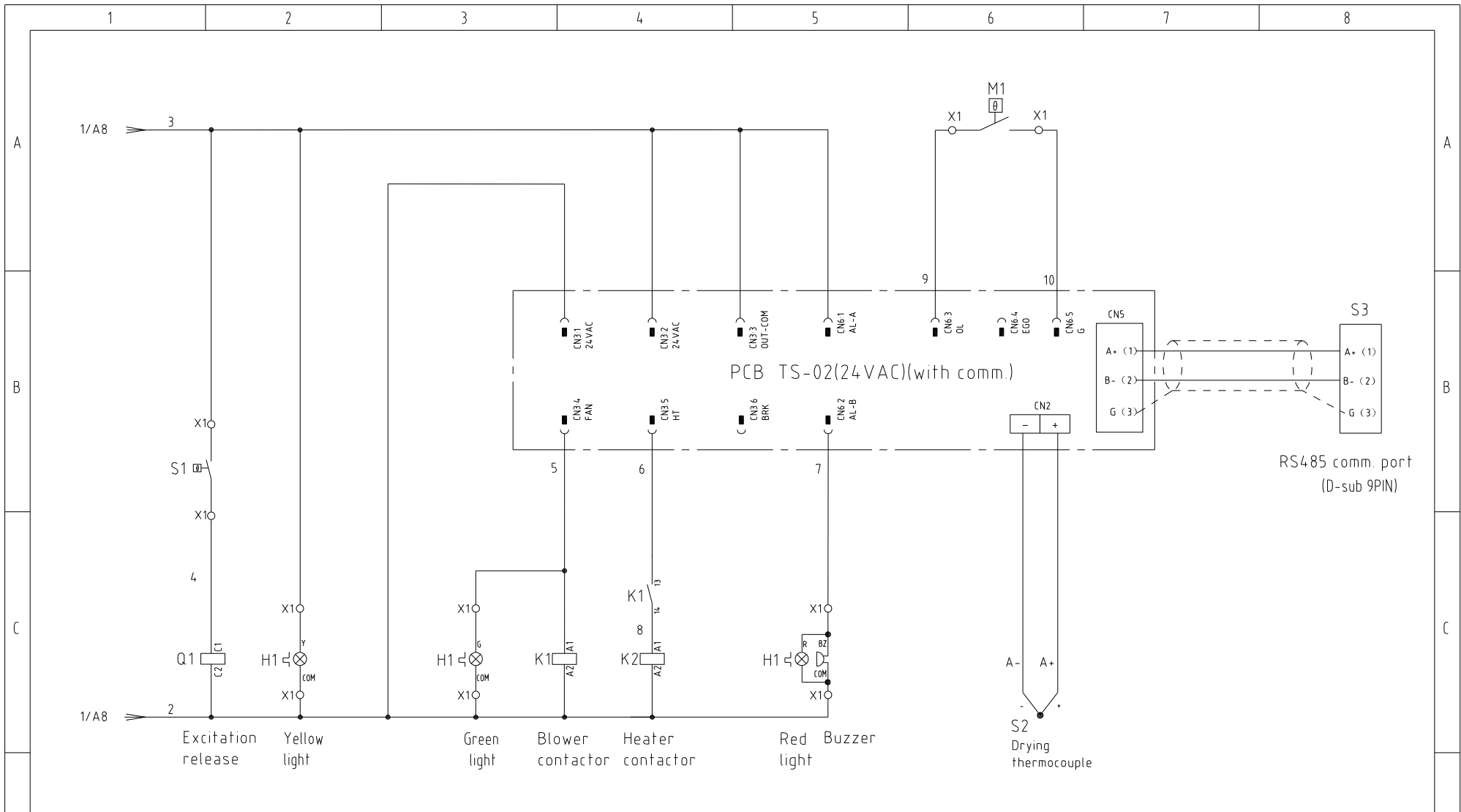
8

1		2		3		4		5		6		7		8			
NO.	Symbol	Name		Manufacturer		Type		Specification		Number	Material number		Remark				
A	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	Contactor		SIEMENS		3RT6015-1AB01		24V 7A 50/60Hz 1NO		1	YE00601502500					
	6	K2	Contactor		SIEMENS		3RT6028-1AB01		24V 38A 50/60Hz		1	YE00602802600					
	7	T	Transformer		JIUXIN		IN=400V/415V OUT=24V		80VA		1	YE70040006500					
B	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)			
C	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					
D	机型版本 Ver.B		Note: (1) Materials not in the control box;														
					Drawer		Version	0	Title	SHD-400E		Drawing NO.	Scale	Page	4		
					Designer		Approved by		Elec. Parts List 1		SHD-400E-CE-400V-0-4		Standard	CE	Totally	4	Pages
					Proofread by		Date	20201231	 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		Voltage		3φ400V				
Mark	Before modification	After modification	Modified by	Modify date	Checked by			Frequency			50Hz						




机型版本 Ver.A

					制图	版号	0	标题	SHD-500E	图号	SHD-500E-CE-400V-0-1	比例	第 1 张	
					设计	核准			Main Circuit Diagram			标准	CE	共 4 张
					校对				信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.			机器电压	3φ400V	
标记	更改前	更改后	更改人	日期	审核	日期	20210824						机器频率	50Hz



机型版本 Ver.A

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

					制图		版号	0	标题	SHD-500E	图号	比例	第 2 张
					设计		核		Electrical Drawing	SHD-500E-CE-400V-0-2	标准	CE	共 4 张
					校对		准		 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.	机器电压	3φ400V		
标记	更改前	更改后	更改人	日期	审核	日期	20210824	机器频率		50Hz			

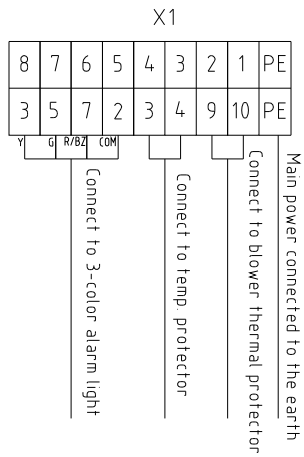
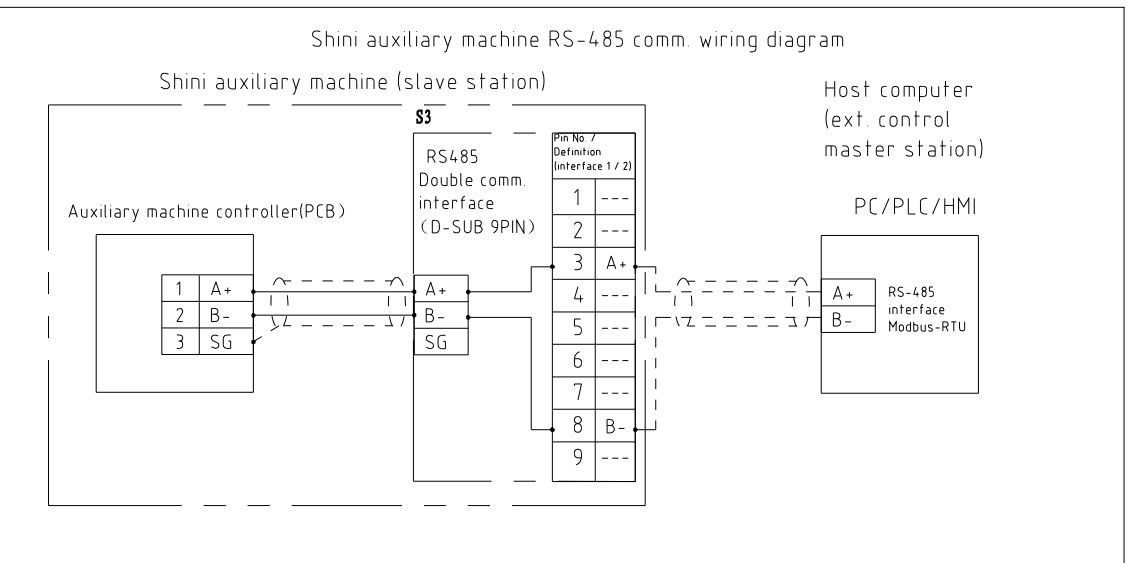
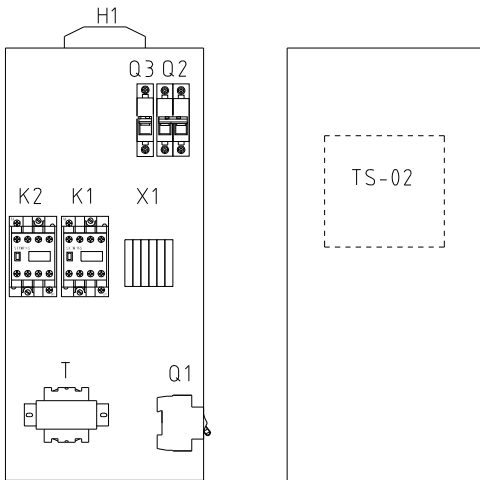
1 2 3 4 5 6 7 8

A

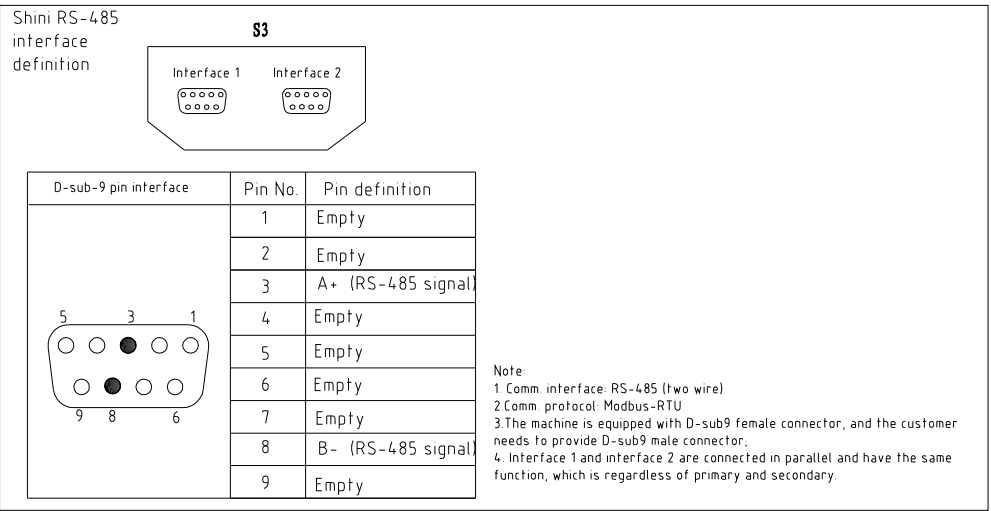
B

A

B



Tech. 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 is directly connected to the AC contactor output end.



C

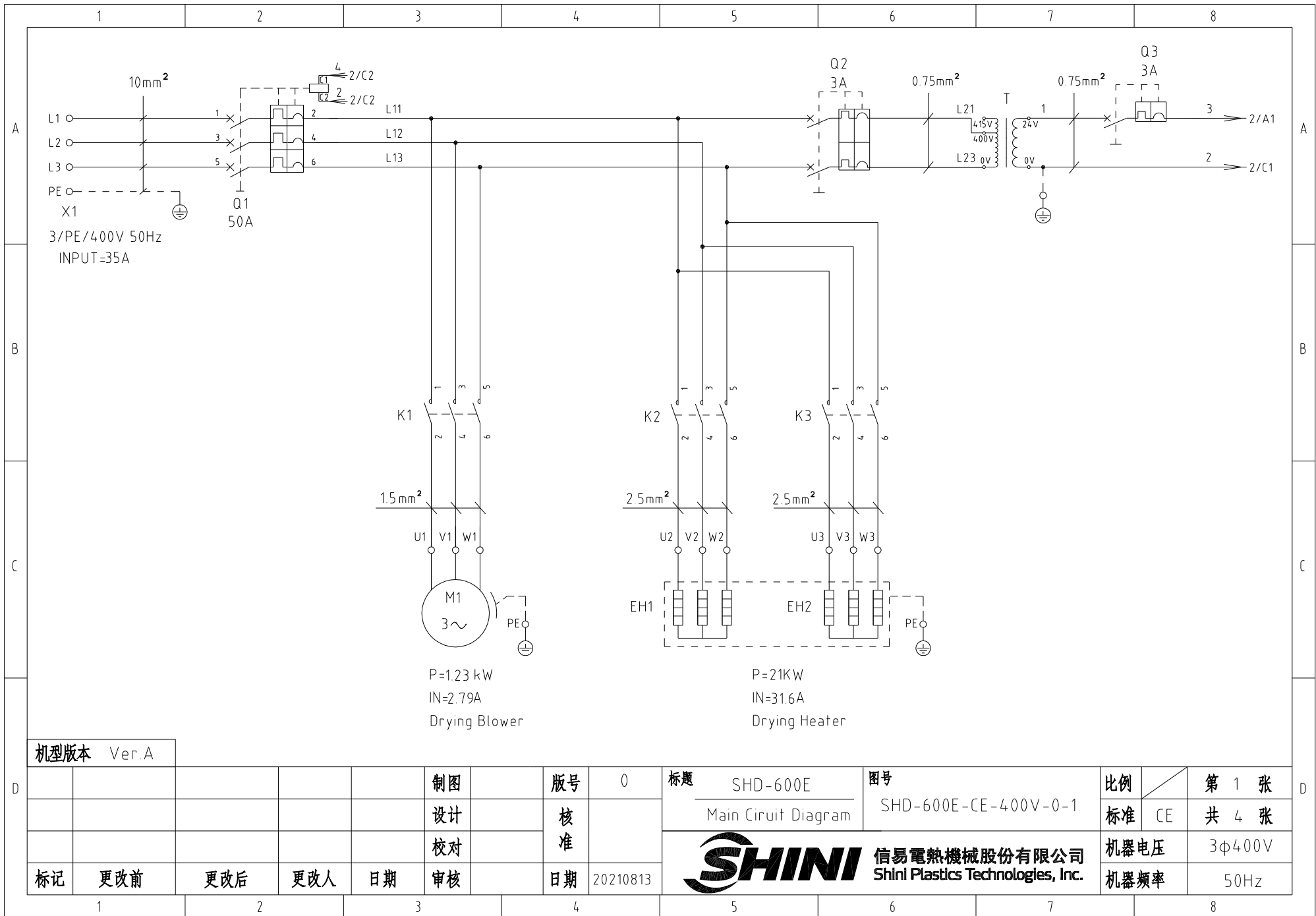
C

机型版本 Ver.A


					制图		版号	0	标题	SHD-500E	图号		比例	第 3 张
					设计		核		Elec. Layout & Wiring Diagram		SHD-500E-CE-400V-0-3	标准	CE	共 4 张
					校对		准		信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.			机器电压	3φ400V	
标记	更改前	更改后	更改人	日期	审核	日期	20210824				机器频率	50Hz		

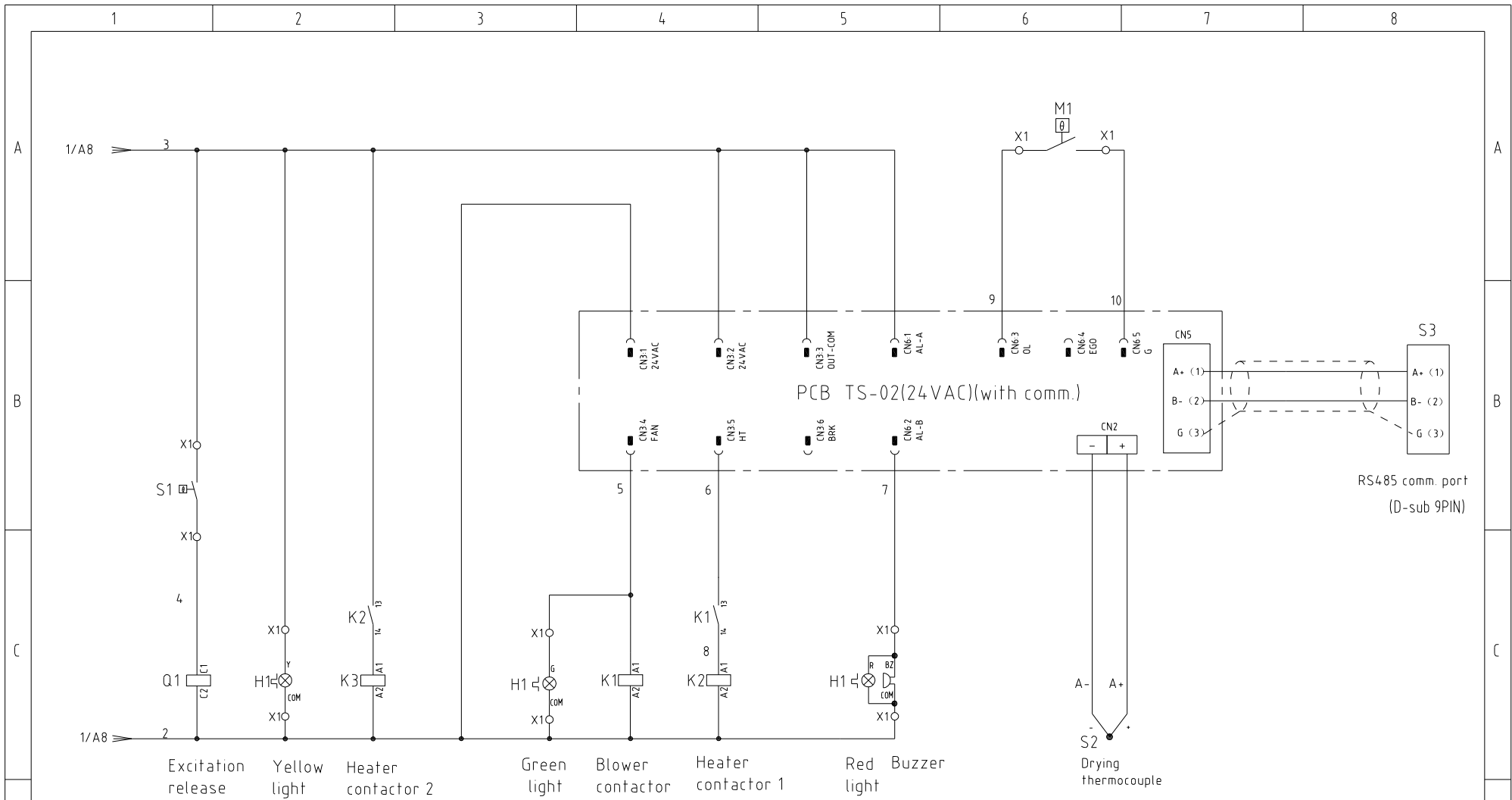
D

1 2 3 4 5 6 7 8



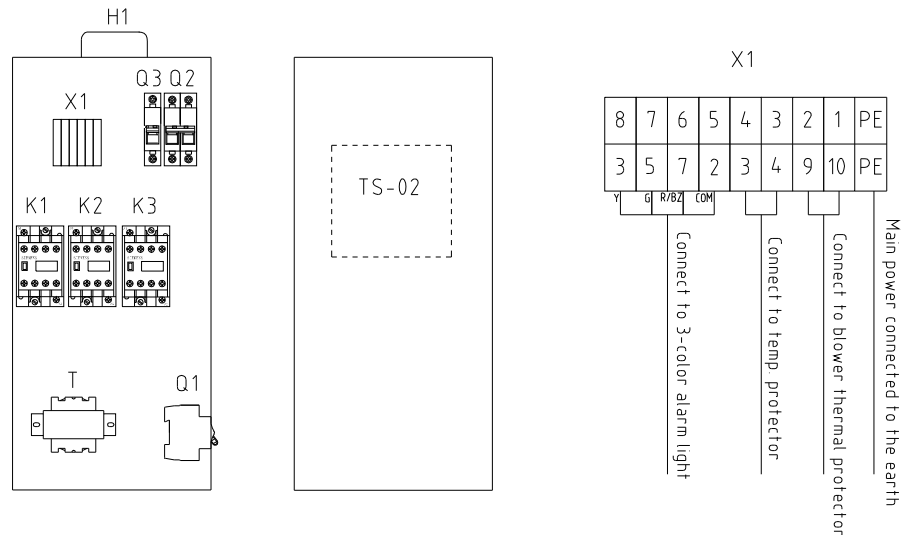
机型版本 Ver.A

					制图		版号	0	标题	SHD-600E	图号		比例	第 1 张
					设计		核		Main Circuit Diagram	SHD-600E-CE-400V-0-1		标准	CE	共 4 张
					校对		准						机器电压	3φ400V
标记	更改前	更改后	更改人	日期	审核		日期	20210813	 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		机器频率	50Hz		



机型版本 Ver.A


				制图		版号		标题		图号		比例		第 2 张	
				设计		核 准		SHD-600E		SHD-600E-CE-400V-0-2		标准		共 4 张	
				校对				Electrical Drawing				CE		3φ400V	
标记		更改前		更改后		更改人		日期		SHINI 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		机器电压		50Hz	
20210813															



Tech. 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 is directly connected to the AC contactor output end.

机型版本 Ver.A

				制图		版号		标题		图号		比例		第 3 张	
				设计		核 准		Etec. Layout & Wiring Diagram		SHD-600E-CE-400V-0-3		标准 CE		共 4 张	
				校对				 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.		机器电压		3φ400V			
标记		更改前		更改后		更改人				日期		20210813		机器频率	

