

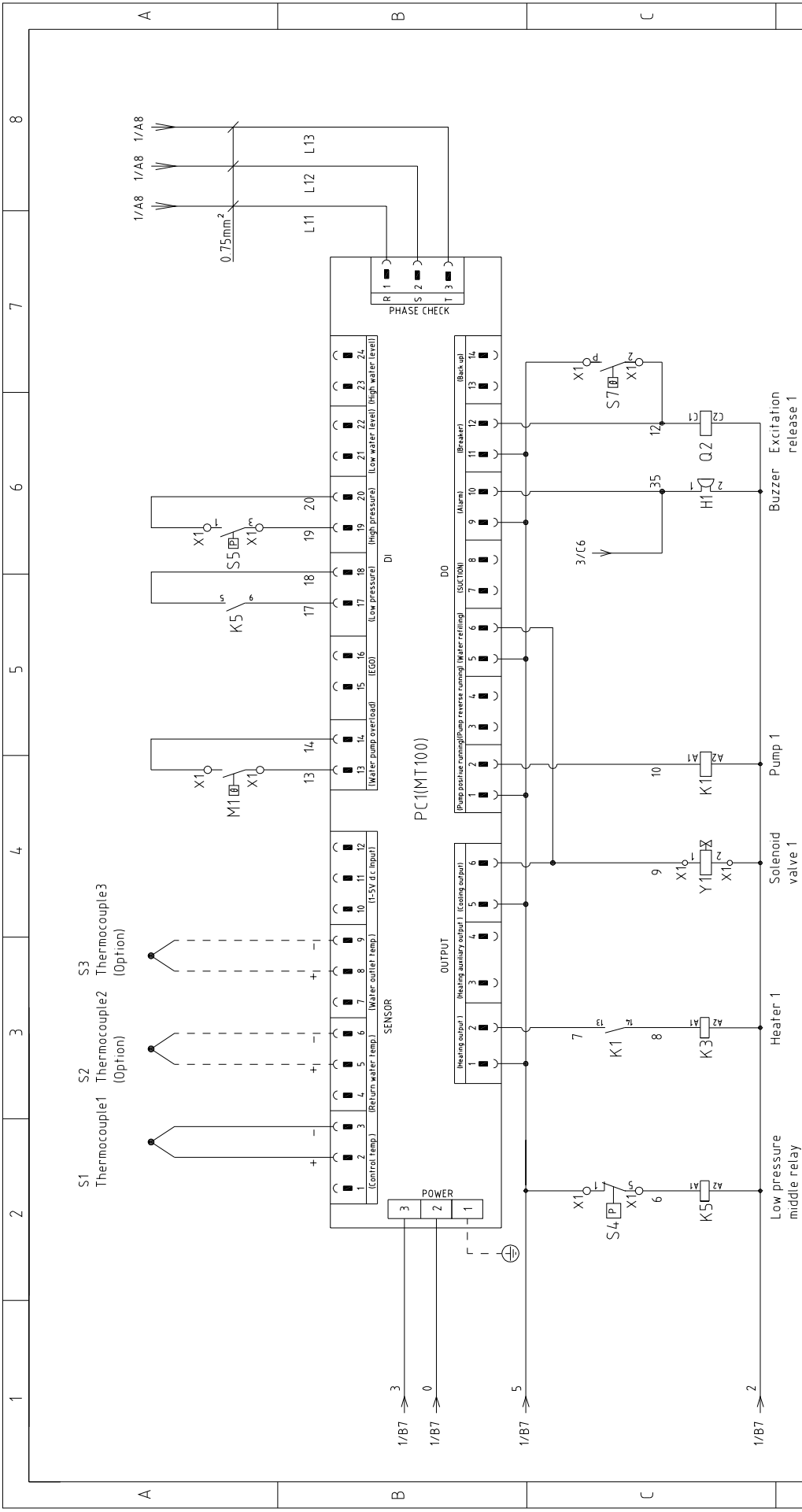
STM-607W-D 版本 Ver.F
 STM-607MW-D 版本 Ver.D

When equipped with magnetic pump
 P=0.55KW IN=1.0A

When equipped with magnetic pump
 P=0.55KW IN=1.0A

D	Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date	Version	H	Title	Drawing NO	Scale	Page
					20180731			Approved by		Main Circuit Diagram	STM-607W-D	Standard	1
												CE	Totally 7
												Voltage	Pages
												400V	400V
												Frequency	50HZ
													8



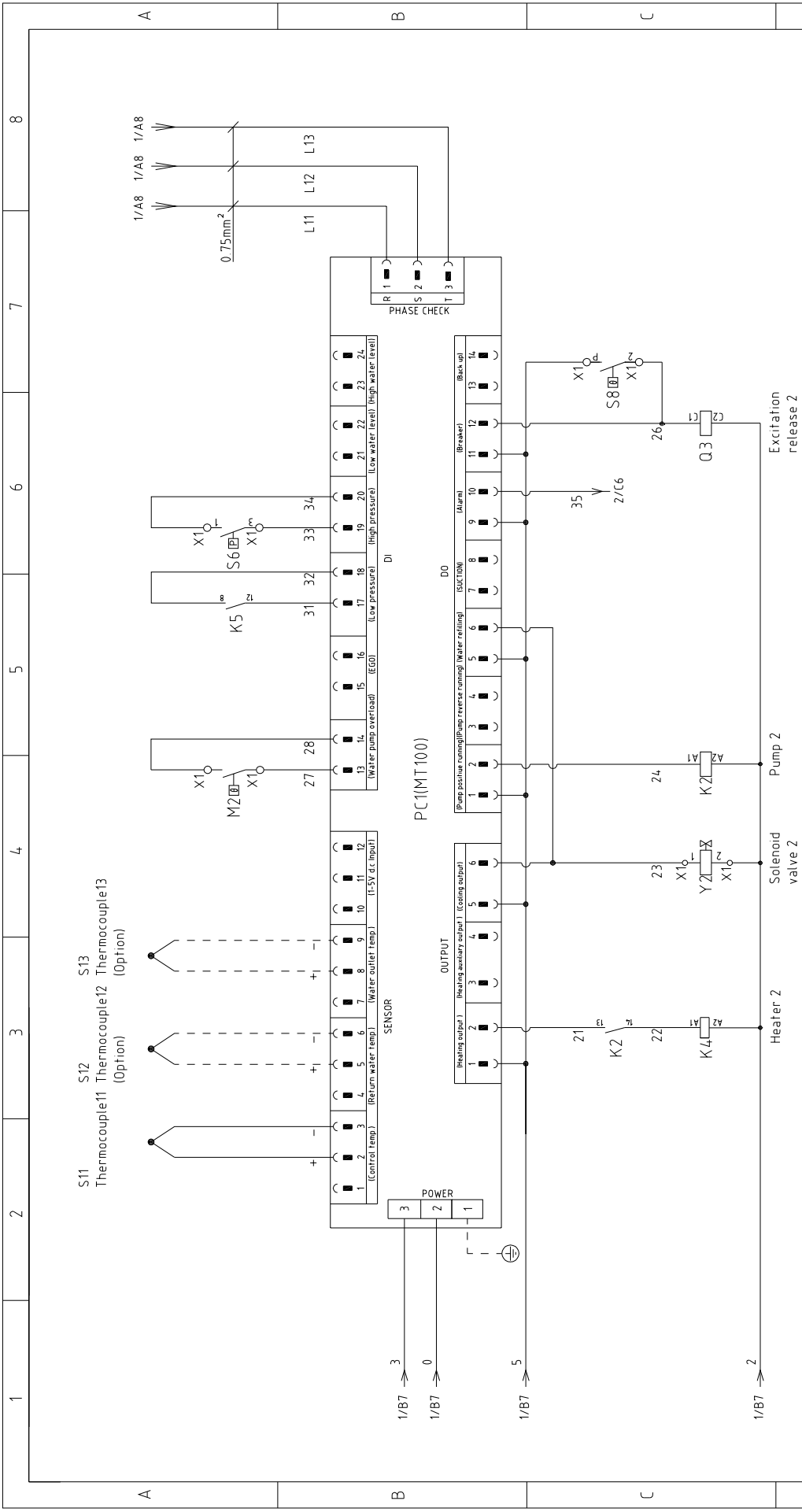


STM-607W-D	版本	Ver.F
STM-607MW-D	版本	Ver.D

Note: M1 is the overheat protection output contact of water pump 1.

Title		Drawing NO	
STM-607W-D		STM-607W-D-CE-400V-H-2	
Version		Scale	
H		Standard	
Approved by		CE	
Proofread by		Voltage	
Checked by		400V	
Date		Frequency	
20180731		50HZ	
Modified by		Page	
After modification		2	
Mark		Totally	
		7	
		Pages	
		4	
		5	
		6	
		7	
		8	





STM-607W-D 版本 Ver.F

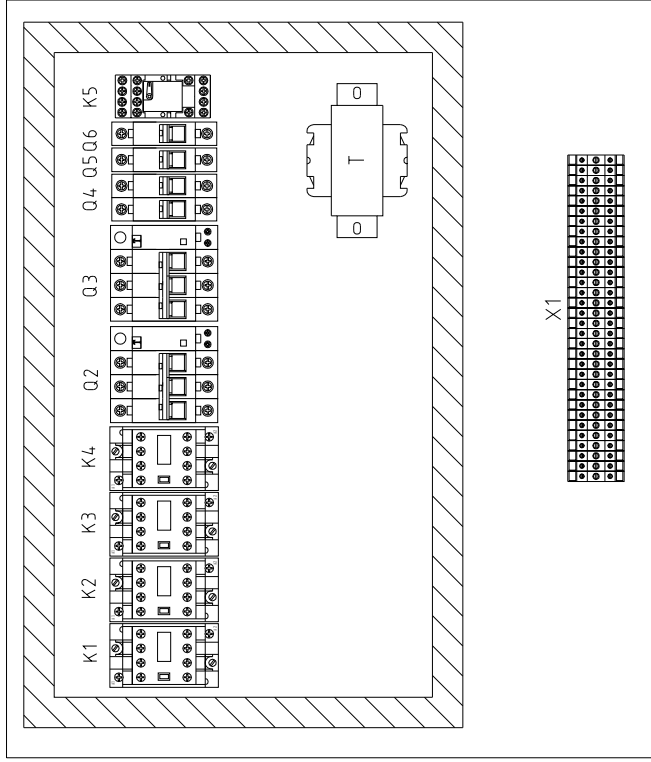
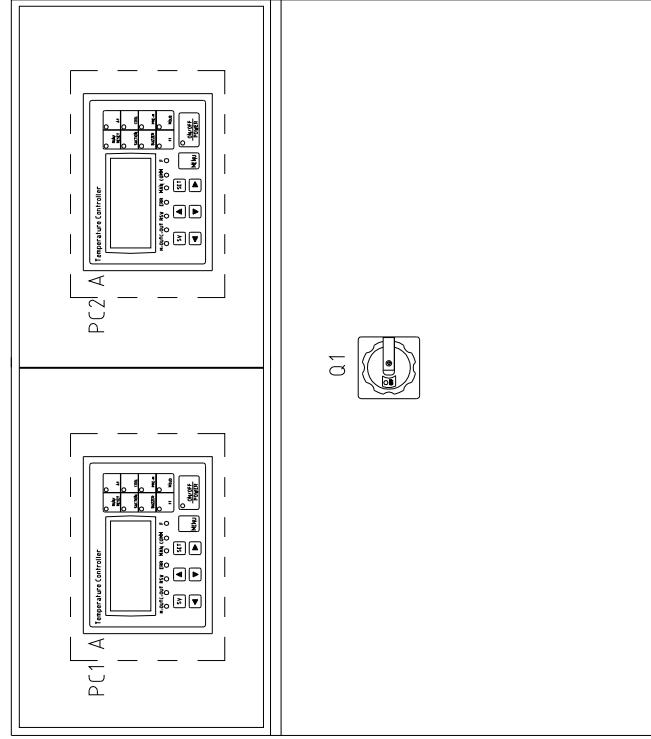
STM-607MW-D 版本 Ver.D

Note: M2 is the overheat protection output contact of water pump 2.

Title		Drawing NO		Scale		Page	
STM-607W-D		STM-607W-D-CE-400V-H-3		CE		3	
Control Circuit Diagram 2						Totally 7 Pages	
Version		Approved by		Voltage		400V	
H				Frequency		50HZ	
Designer		Proofread by		Modified by		Mark	
Date		Checked by		After modification		Before modification	
20180731							



1 2 3 4 5 6 7 8



A

B

C

STM-607W-D 版本 Ver.F

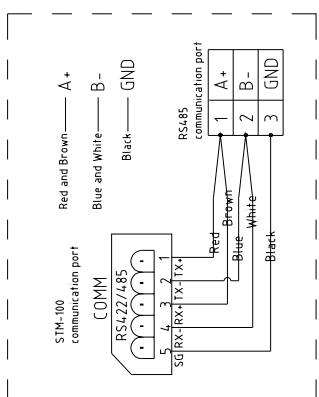
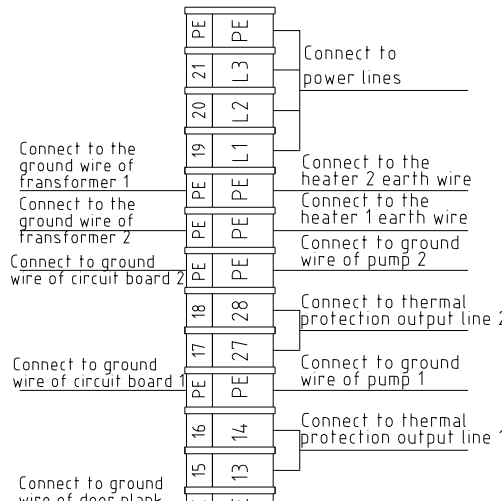
STM-607MW-D 版本 Ver.D

Mark	Before modification	Modified by	Modify date	Checked by	Date	Approved by	Version	H	Title	STM-607W-D	Drawing NO	Scale	Page
	After modification				20180731				Electrical Components Layout		STM-607W-D-CE-4.00V-H-4	Standard	4
													Totally
													7
													Pages
													400V
													50HZ



1 2 3 4 5 6 7 8

D



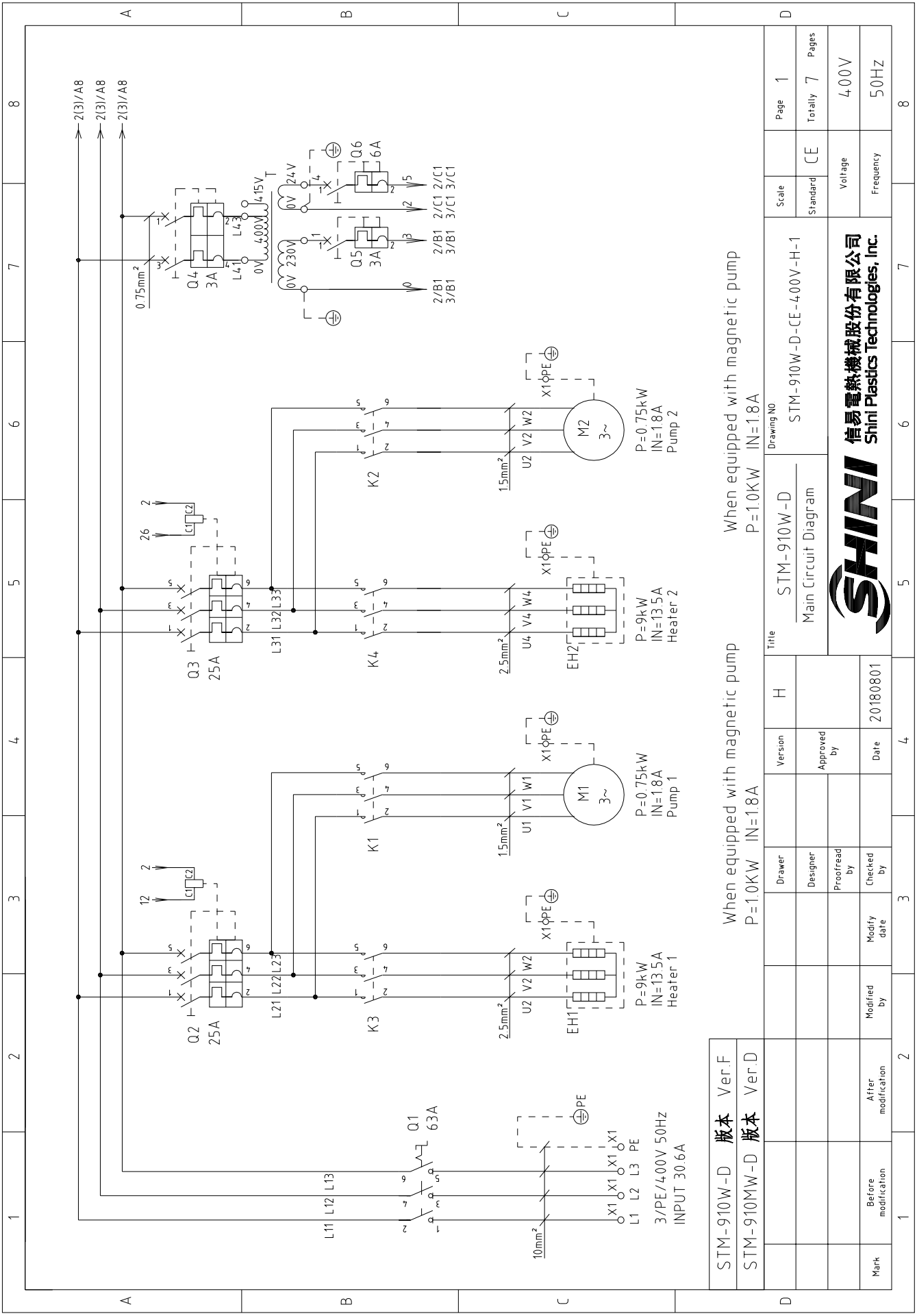
STM-607W-D	版本	Ver.F
STM-607MW-D	版本	Ver.D

Technical requirements: Pump and pipe heater should be directly connected to the output terminals of contactor and thermal overload relay.

Mark	Before modification	Modified by	Modify date	Checked by	Date	Version	F	Title	STM-607W-D	Drawing NO	STM-607W-D-CE-400V-H-5	Scale	Page	5
	After modification				20180731				Approved by		Terminal Connection Diagram		Standard	CE
												Voltage	400V	
												Frequency	50HZ	
												8		



1		2		3		4		5		6		7		8	
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark							
1	Q1	Main power switch	EATON	P1-32/EA/SVB	32A	1	YE10323200000								
2	Q2 Q3	Circuit breakers	TECO	BM-63C/3016S	16A	2	YE40301603000								
3	A	Excitation release	YECO	MX	24VAC	2	YE40024000000								
4	Q4	Circuit breakers	TECO	BM-63C/2003S 2P	3A	1	YE40200203000								
5	Q5 Q6	Circuit breakers	TECO	BM-63C/1003S 1P	3A	2	YE40100203000								
6	K1 K2	Contactors	SIEMENS	3RT6015-1AB01	24VAC	2	YE00601502500								
7	K3 K4	Contactors	SIEMENS	3RT6018-1AB01	24VAC	2	YE00601802500								
8	K5	Middle relay	HONEYWELL	GR-2C-AC24V	24VAC	1	YE03022400300								
9	T	Transformer	JIUXIN	IN=400V/415V OUT=24V/230V	80VA/350mA	1	YE70040007200								
10	PC1 A PC2 A	Circuit board	HANYOUNGNUX	STM100-21 (含通讯)	180~4.30V 50/60Hz	2	YE81184300200								
11	H1	Buzzer	JINGKANG	PK-35A	24VAC/DC	1	YE84003500600								
12	S1 S11	Thermocouple	SHINI	----	----	2	----	(1)							
13	S2 S3 S12 S13	Thermocouple	SHINI	----	----	4	----	(1)(2)							
14	S4 S5 S6	Water pressure switch	----	----	----	3	----	(1)							
15	S7 S8	Overheat protector	----	----	----	2	----	(1)							
16	S9	Communication interface board RS-485 (double Dsub-9pin connector)	YUYUN	----	PCS	1	YE90048501200								
17	Y1 Y2	Shell RS485(SAL-700G-A-1910)	BINCHEG	----	PCS	1	YR40048500000								
18	X1	Solenoid valve	----	----	24VAC	2	----	(1)							
19	X1	Terminal board	HONEYWELL	SK2 5	----	18	YE60002503200								
20	X1	Terminal board	HONEYWELL	SK2 5PE	----	9	YE60002503400								
21	X1	Terminal board	HONEYWELL	GK6	----	3	YE60000603200								
22	X1	Terminal board	HONEYWELL	DK6PE	----	1	YE60000603500								
23	M1 M2	Motor	SHINI	TP-55	400V 50Hz 0.55kW	2	----	(1)							
24	M1 M2	Motor	SHINI	MP-55	400V 50Hz 0.55kW	2	----	(1)(3)							
25	EH1 EH2	Heater	SHINI	----	400V 50Hz 6kW	2	----	(1)							
STM-607W-D 版本 Ver.F STM-607MW-D 版本 Ver.D Notes: (1)Means it's not the material inside the control box (2)Means equipped with function of displaying water outlet and return water temperature (3)Means equipped with magnetic pump															
D		Title		Drawing NO		Scale		Page		6		7		8	
		STM-607W-D		STM-607W-D		STM-607W-D-CE-4.00V-H-6		Standard		CE		Voltage		400V	
		Electrical Components List 1						Totally		7		Pages		50HZ	
Mark		Before modification		Modified by		Modify date		Checked by		Date		20180731			
		版本		Ver.F		STM-607MW-D		版本		Ver.D		SHINI		信易电热机械股份有限公司 Shini Plastics Technologies, Inc.	
		Designer		Proofread by		Checked by		Date		20180731		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer		Proofread by		Checked by		Date		SHINI		SHINI Plastics Technologies, Inc.	
		Drawn		Designer</											



STM-910W-D 版本 Ver.F
 STM-910MW-D 版本 Ver.D

When equipped with magnetic pump
 P=1.0KW IN=1.8A

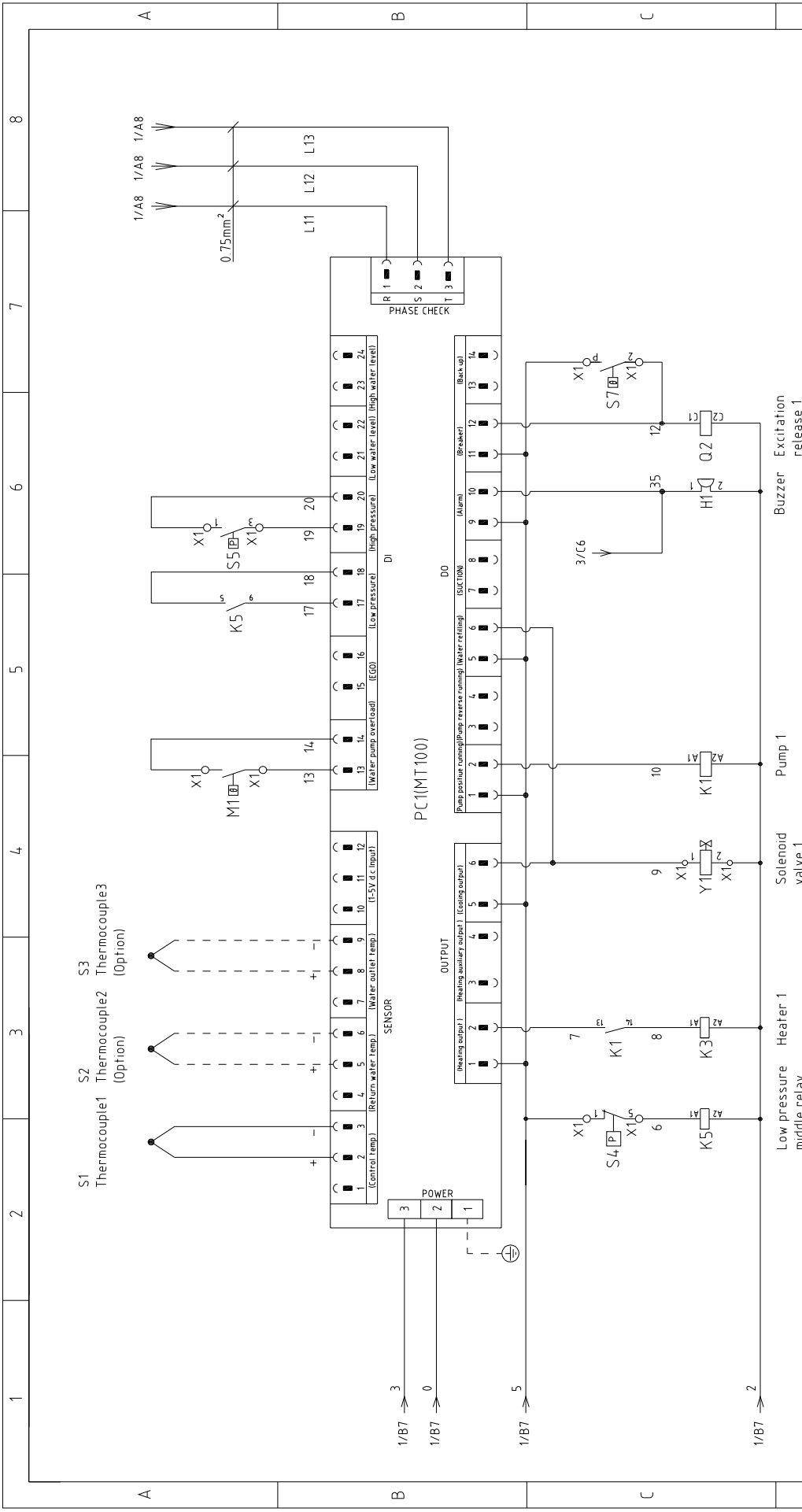
When equipped with magnetic pump
 P=1.0KW IN=1.8A

When equipped with magnetic pump
 P=0.75kW IN=1.8A
 Pump 2

D	Title		Drawing NO		Page 1	
	STM-910W-D		STM-910W-D-CE-400V-H-1		Totally 7 Pages	
Main Circuit Diagram			Standard		CE	
Version			H		Voltage	
Approved by			Date		Frequency	
20180801			20180801		400V	
Modified by			Modify date		50HZ	
After modification			After modification		8	



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

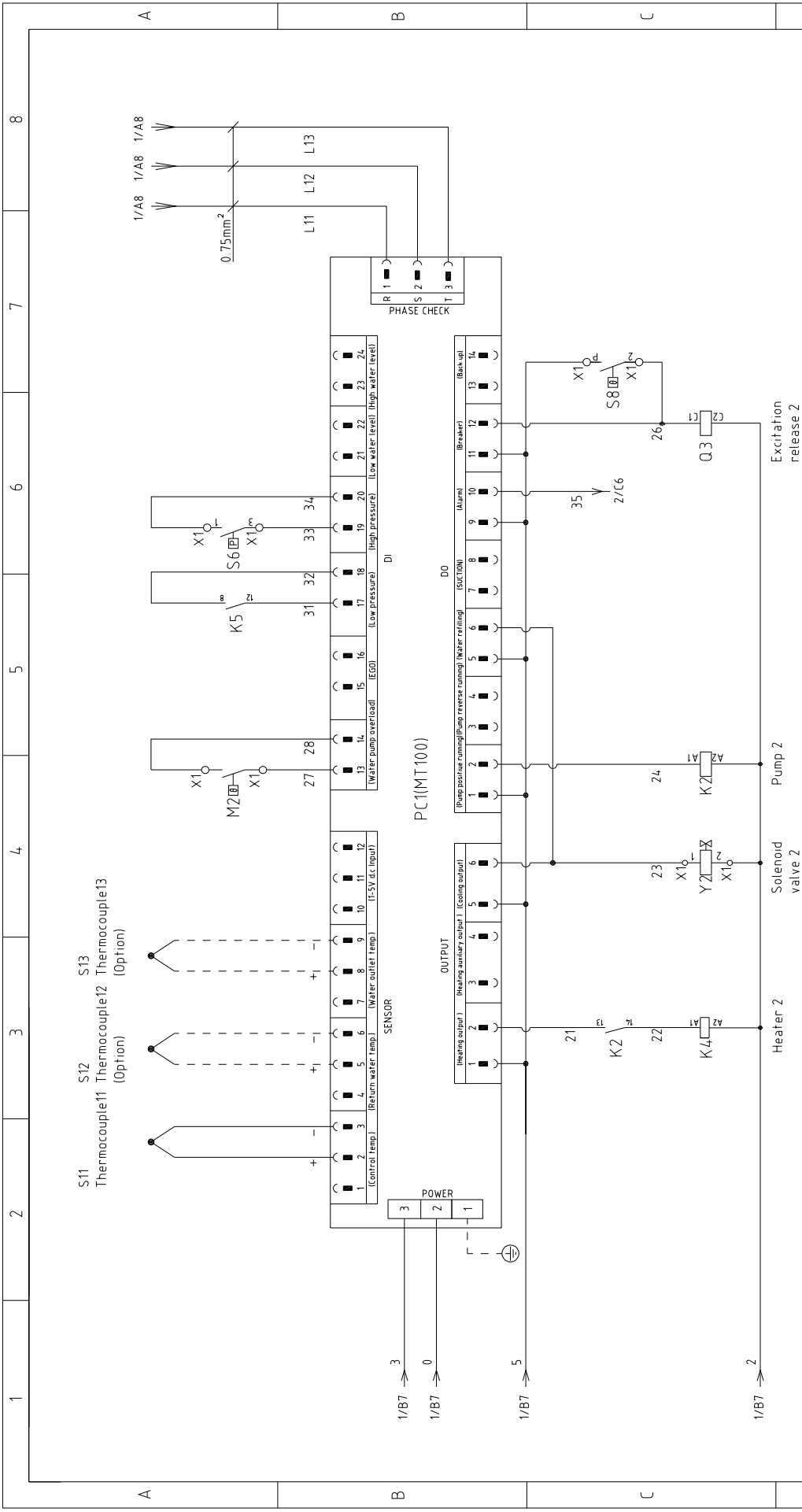


STM-910W-D 版本 Ver.F
 STM-910MW-D 版本 Ver.D

Note: M1 is the overheat protection output contact of water pump 1.

Title		Drawing NO	
STM-910W-D		STM-910W-D-CE-400V-H-2	
Version		Scale	
H		Standard	
Approved by		Voltage	
Date		Frequency	
20180801		400V	
Modified by		Frequency	
50HZ		Page	
2		2	
3		Totally	
4		7	
5		Pages	
6		400V	
7		50HZ	
8		8	





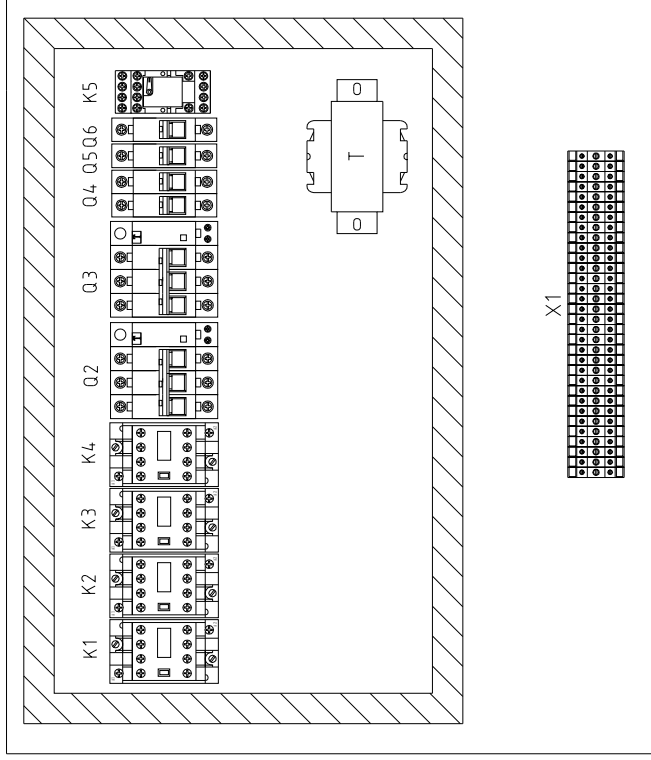
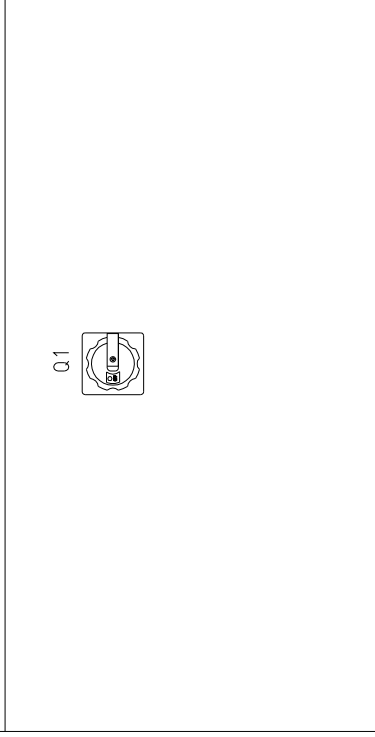
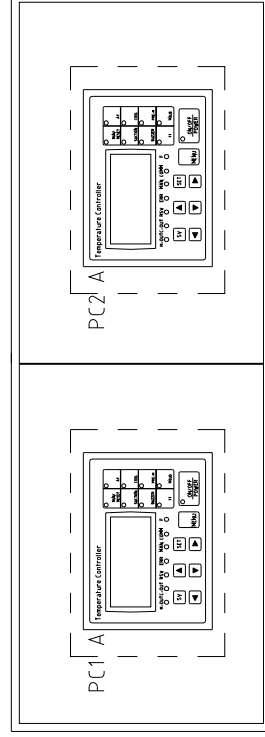
STM-910W-D 版本 Ver.F

STM-910MW-D 版本 Ver.D

Note: M2 is the overheat protection output contact of water pump 2.

D	Title		Drawing NO		Page	
	STM-910W-D	Control Circuit Diagram 2	STM-910W-D-CE-400V-H-3	CE	3	7
Mark	Before modification	Modified by	20180801	Voltage		400V
	After modification	Checked by	Date	Frequency		50HZ
SHINI			信易電熱機械股份有限公司		Shini Plastics Technologies, Inc.	
Version			Approved by		Totally	
H			Date		7	
H			Date		8	

1 2 3 4 5 6 7 8



A B C

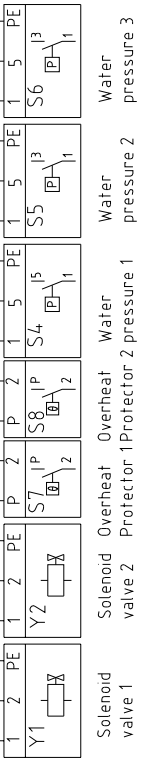
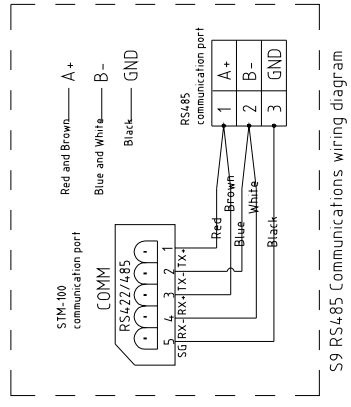
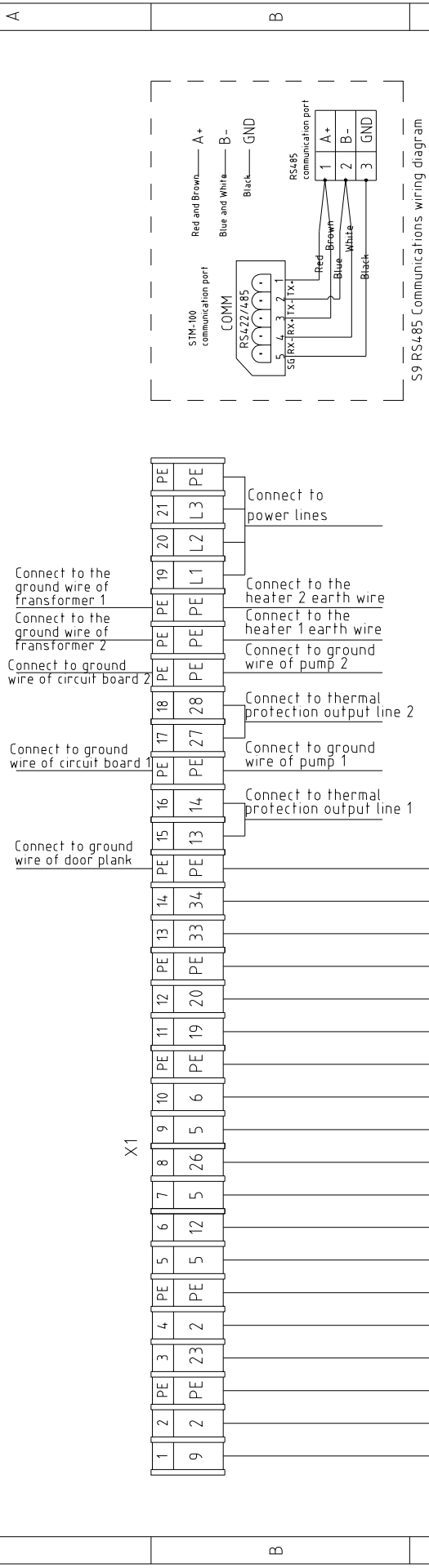
STM-910W-D 版本 Ver.F
STM-910MW-D 版本 Ver.D

Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date	Version	H	Title	Drawing NO	Scale	Page
						20180801			STM-910W-D Electrical Components Layout	STM-910W-D-CE-400V-H-4	Standard	4
							Approved by				CE	Totally 7
							Proofread by				Voltage	400V
							Checked by				Frequency	50HZ



1 2 3 4 5 6 7 8

D



STM-910W-D	版本	Ver.F
STM-910MW-D	版本	Ver.D

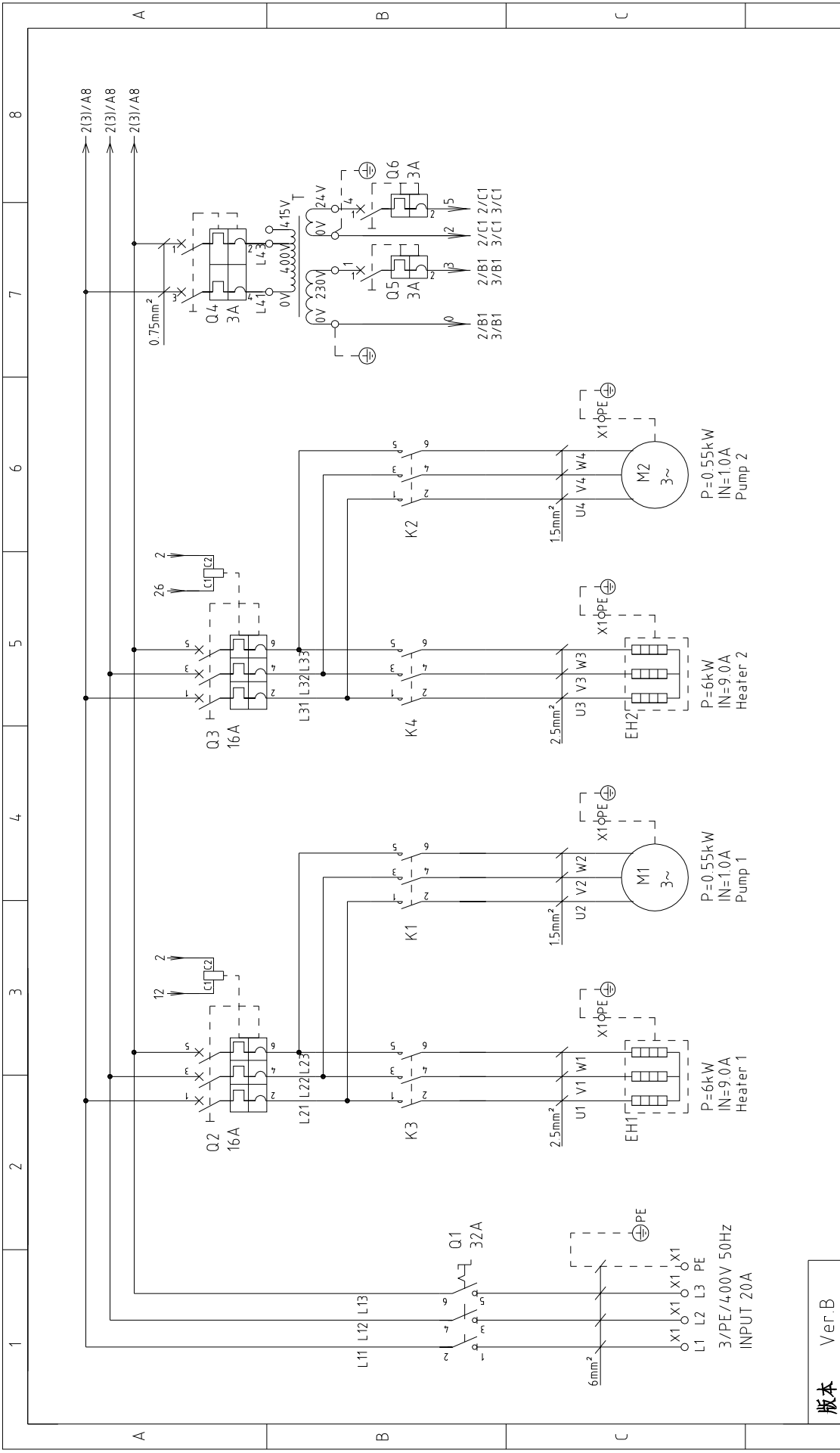
Technical requirements: Pump and pipe heater should be directly connected to the output terminals of contactor and thermal overload relay

D	Title		Drawing NO		Scale	Page	5
	STM-910W-D		STM-910W-D		Standard	Totally	7
Terminal Connection Diagram		STM-910W-D-CE-400V-H-5		Voltage		400V	
Frequency		50HZ		Frequency		50HZ	
SHINI		信易電熱機械股份有限公司		Shini Plastics Technologies, Inc.		8	
Mark		Before modification	After modification	Modified by	Modify date	Checked by	Date
1		2		3		4	

1		2		3		4		5		6		7		8	
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark							
1	Q1	Main power switch	EATON	P3-63/EA/SVB	63A	1	YE10636300000								
2	Q2 Q3	Circuit breakers	TECO	BM-63C/3025S	25A	2	YE40302503000								
3	Q4	Excitation release	TECO	MX	24VAC	2	YE40024000000								
4	Q5	Circuit breakers	TECO	BM-63C/2003S 2P	3A	1	YE40200203000								
5	Q6	Circuit breakers	TECO	BM-63C/1003S 1P	3A	1	YE40100203000								
6	K1 K2	Contactors	SIEMENS	3RT6015-1AB01	24VAC	2	YE00601502500								
7	K3 K4	Contactors	SIEMENS	3RT6025-1AC20	24VAC	2	YE00602502600								
8	K5	Middle relay	HONEYWELL	GR-2C-AC24V	24VAC	1	YE03022400300								
9	T	Transformer	JIUXIN	IN=400V/415V OUT=24V/230V	120VA/350mA	1	YE70040007300								
10	PC1 A PC2 A	Circuit board	HANYOUNGUNIX	STM100-21 (含通讯)	180~430V 50/60Hz	2	YE81184300200								
11	H1	Buzzer	JINGKANG	PK-35A	24VAC/DC	1	YE84003500600								
12	S1 S11	Thermocouple	SHINI	----	----	2	----	(1)							
13	S2 S3 S12 S13	Thermocouple	SHINI	----	----	4	----	(1)(2)							
14	S4 S5 S6	Water pressure switch	----	----	----	3	----	(1)							
15	S7 S8	Overheat protector	----	----	----	2	----	(1)							
16	S9	Communication interface board RS-485 (double Dsub-9pin connector)	YUYUN	----	PCS	1	YE90048501200								
17	S10	Shell RS485(SAL-700G-A-1910)	BINCHENG	----	PCS	1	YR40048500000								
18	Y1 Y2	Solenoid valve	----	----	24VAC	2	----	(1)							
19	X1	Terminal board	HONEYWELL	SK2.5	----	18	YE60002503200								
20	X2	Terminal board	HONEYWELL	SK2.5PE	----	9	YE60002503400								
21	X3	Terminal board	HONEYWELL	GK10	----	3	YE60001003200								
22	X4	Terminal board	HONEYWELL	GK10PE	----	1	YE60001003500								
23	M1 M2	Motor	SHINI	TP-75	400V 50Hz 0.75kW	2	----	(1)							
24	M1 M2	Motor	SHINI	MP-100	400V 50Hz 1.0kW	2	----	(1)(3)							
STM-910W-D		版本	STM-910MW-D	版本	Ver.D	Notes: (1)Means it's not the material inside the control box.(2)Means equipped with function of displaying water outlet and return water temperature. (3)Means equipped with magnetic pump.									
D		Drawer		Version	H	Title		Drawing NO		Scale		Page		6	
		Designer		Approved by		STM-910W-D		STM-910W-D-CE-400V-H-6		Standard		CE		Totally 7 Pages	
		Proofread by		Date	20180801	Electrical Components List 1				Voltage		400V			
Mark		Before modification		Modified by						Frequency		50HZ			
1		2		3		4		5		6		7		8	

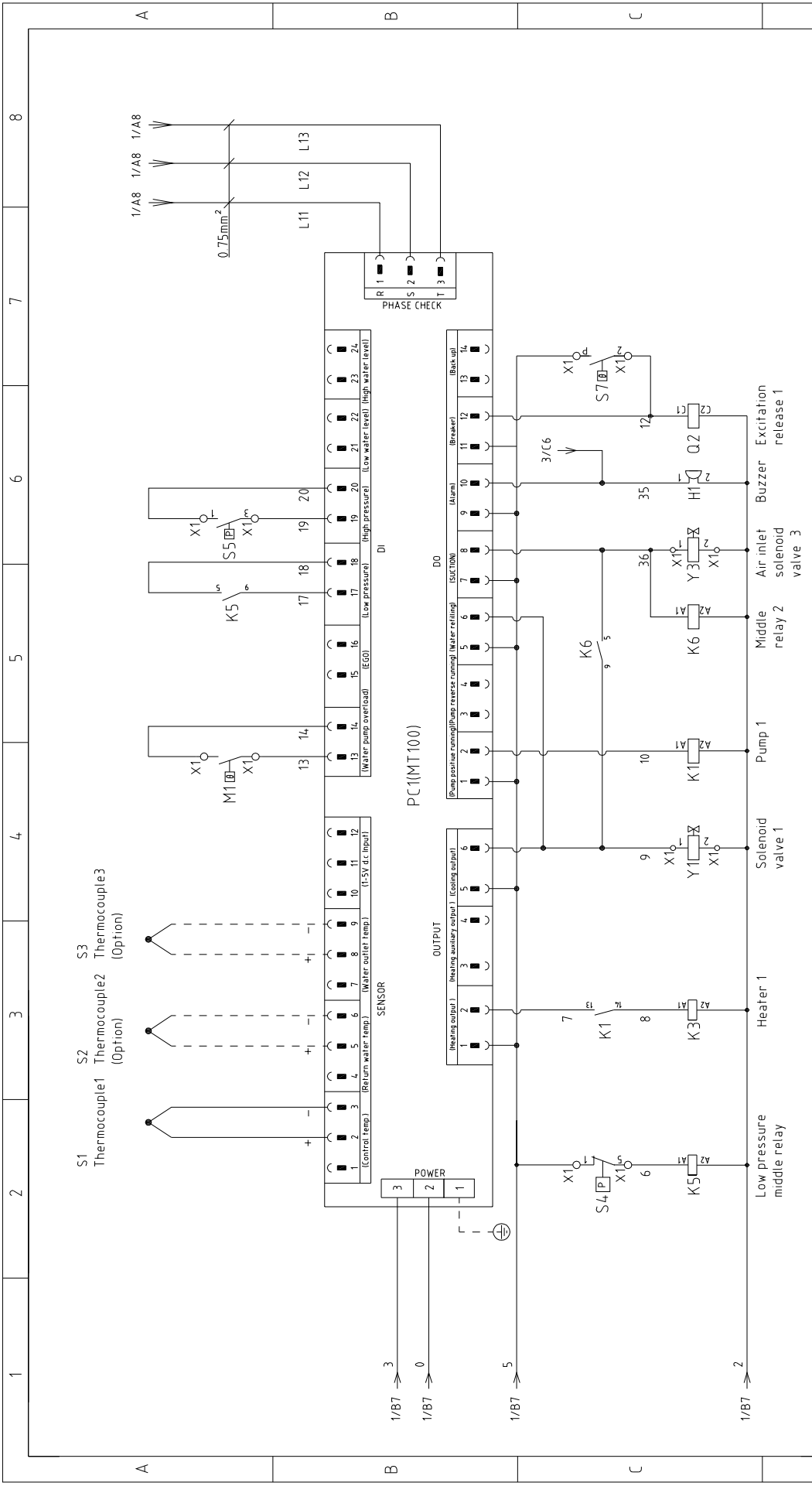


1		2		3		4		5		6		7		8	
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark							
26	EH1 EH2	Heater	SHINI	----	400V 50Hz 9kW	2	----	(1)							
27		Terminal fittings E/GKseries(honeywell)	HONEYWELL	----	PCS	6	YE60000003900								
A															
B															
C															
D															
STM-910W-D	版本	Ver.F	STM-910MW-D	版本	Ver.D	Notes: (1)Means it's not the material inside the control box (2)Means equipped with function of displaying water outlet and return water temperature. (3)Means equipped with magnetic pump.									
		Drawer		Version	H	Title	STM-910W-D	Drawing NO	STM-910W-D-CE-400V-H-7	Scale		Page	7		
		Designer		Approved by		Electrical Components List 2				Standard	CE	Totally	7	Pages	7
		Proofread by		Date	20180801					Voltage		400V			
Mark		Before modification	Modified by	Modify date						Frequency		50HZ			
SHINI 信易电热机械股份有限公司 Shini Plastics Technologies, Inc.															
5 6 7 8															

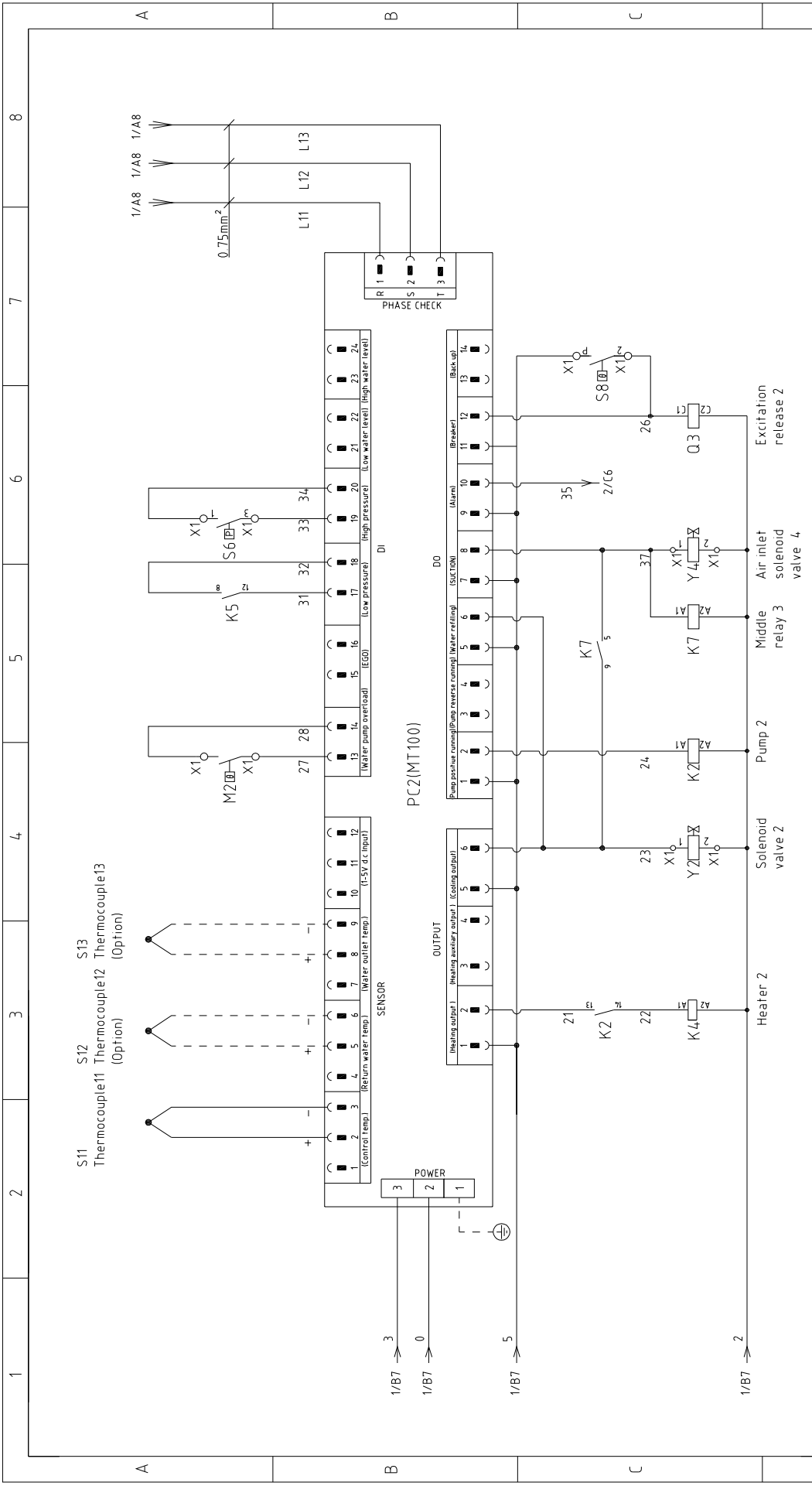


版本	Ver.B			Title	STM-607WA-D			Drawing NO	STM-607WA-D-CE-400V-A-1			Scale	CE		Page	1			
					Main Circuit Diagram						Voltage		400V			Frequency		50HZ	
Mark	Before modification			Version	A			Designer				Proofread by				Checked by			
	After modification				Approved by								Date				20180809		



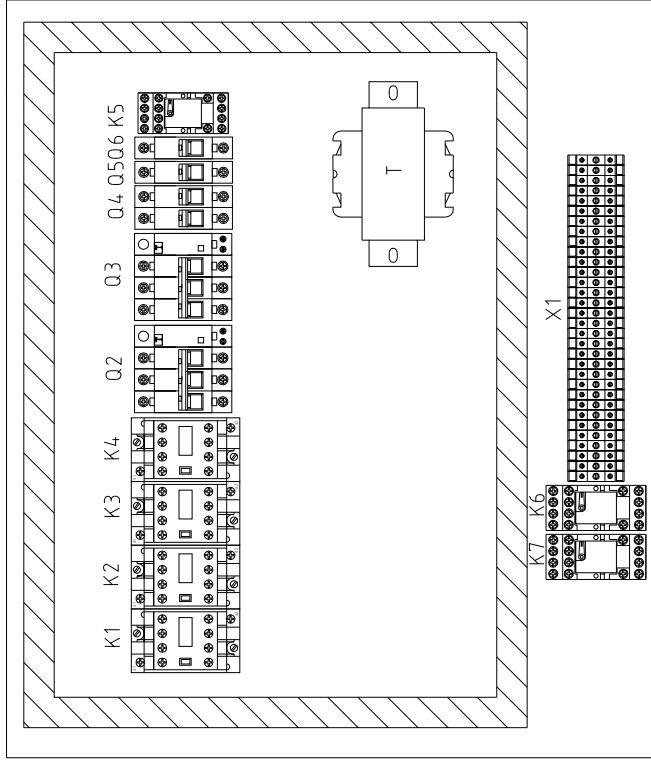
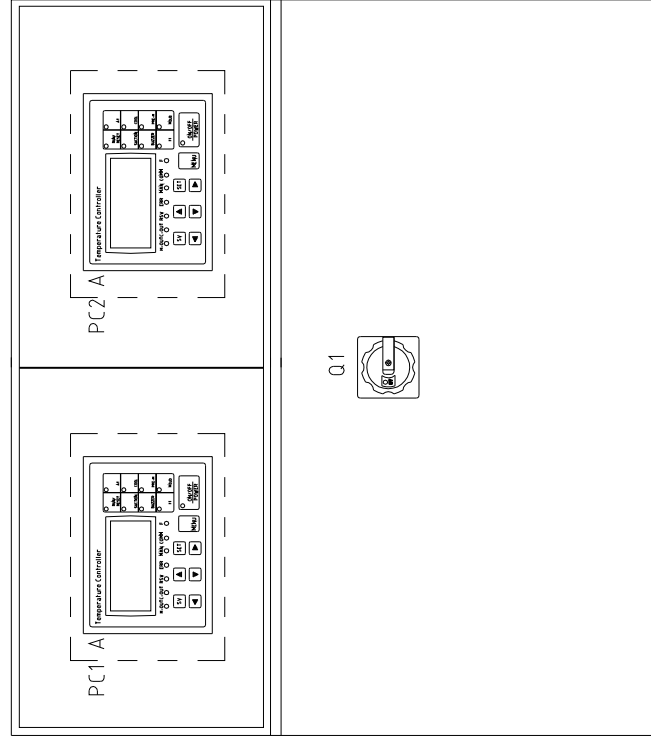


版本	Ver.B	Note: M1 is the overheat protection output contact of water pump 1.			
Mark	Before modification	Modified by	Modify date	Checked by	Date
Scale	Standard	CE	Voltage Frequency		
			400V	50HZ	
Page	2	Drawing NO			
			STM-607WA-D		
Totally	6	Title			
			STM-607WA-D-CE-400V-A-2		
Pages	400V	Control Circuit Diagram 1			
	50HZ	Version			
Voltage		A			
		Approved by			
Frequency		Designer			
		Proofread by			
400V		Checked by			
		Date			
50HZ		20180809			
1	2	3	4	5	6
7	8	SHINI 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.			



版本	Ver.B	Note: M2 is the overheat protection output contact of water pump 2.	
Mark	Before modification	Modified by	20180809
	After modification	Checked by	
Scale	Standard	CE	Page 3
			Totally 6 Pages
Drawing NO	STM-607WA-D	STM-607WA-D-CE-400V-A-3	400V
	Control Circuit Diagram 2		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



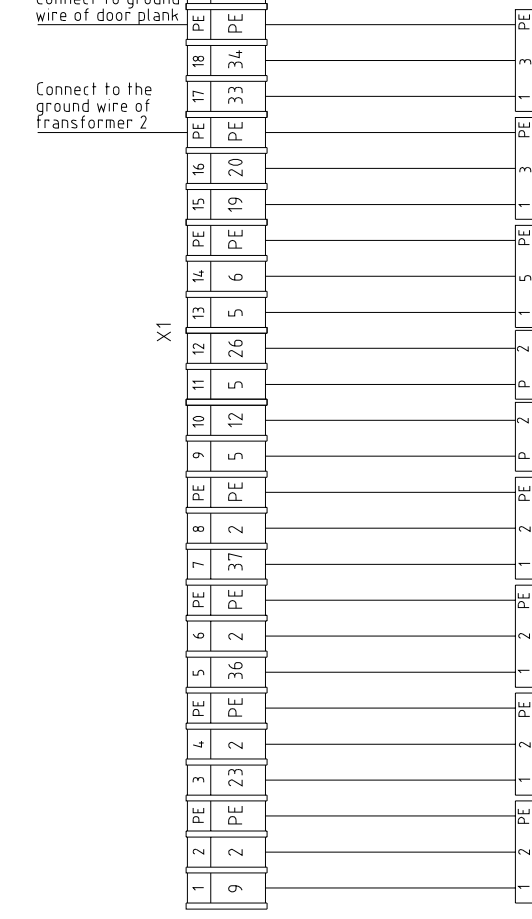
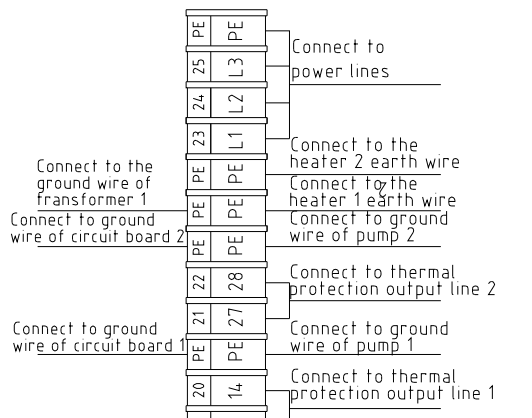
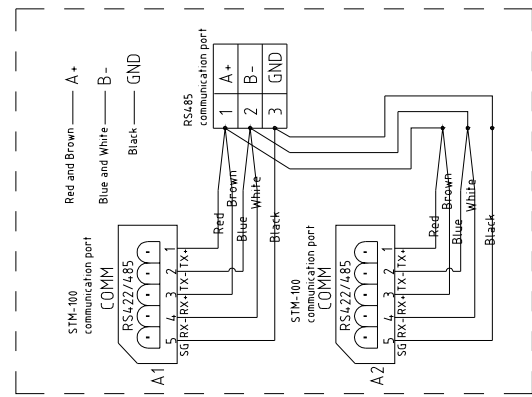
A B C

版本 Ver.B

D	Mark	Before modification	Modified by	20180809	A	Title	STM-607WA-D		Drawing NO	Scale	Page	4	
		After modification	Checked by	20180809			Standard	Totally		6	CE		Voltage
Electrical Components Layout							STM-607WA-D-CE-4,00V-A-4		Standard			400V	
SHINI							信易電熱機械股份有限公司		Shini Plastics Technologies, Inc.		Voltage		400V
											Frequency		50HZ
											Page		4
											Totally		6
											Pages		6

1 2 3 4 5 6 7 8

A B C

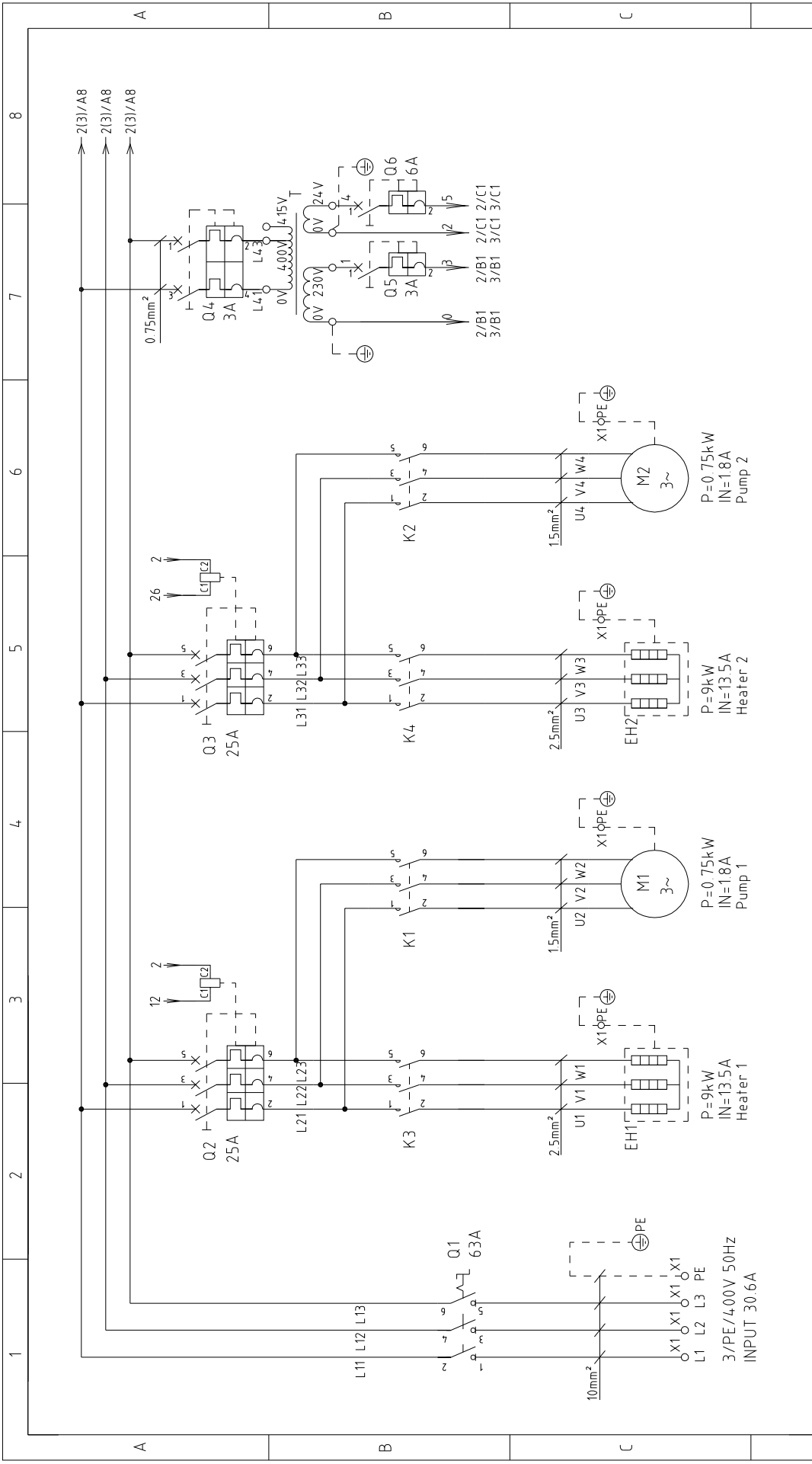


版本	Ver.B	Title	STM-607WA-D		Scale	Page	5
			Terminal Connection Diagram			Standard	Totally
Mark	Before modification	Before modification	Modified by	Modify date	Checked by	Date	20180809
		Drawer	Designer	Proofread by	Approved by	Version	A
						Technical requirements: Pump and pipe heater should be directly connected to the output terminals of contactor and thermal overload relay.	
						Drawing NO	STM-607WA-D-CE-400V-A-5
						Voltage	400V
						Frequency	50HZ
						SHINI	信易电热机械股份有限公司 Shini Plastics Technologies, Inc.
						Page	5
						Totally	6
						Pages	6

1		2		3		4		5		6		7		8	
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark							
1	Q1	Main power switch	EATON	P1-32/EA/SVB	32A	1	YE10323200000								
2	Q2 Q3	Circuit breakers	TECO	BM-63C/3016S	16A	2	YE40301603000								
3		Excitation release	YECO	MX	24VAC	2	YE40024000000								
4	Q4	Circuit breakers	TECO	BM-63C/2003S 2P	3A	1	YE40200203000								
5	Q5 Q6	Circuit breakers	TECO	BM-63C/1003S 1P	3A	2	YE40100203000								
6	K1 K2	Contactors	SIEMENS	3RT6015-1AB01	24VAC	2	YE00601502500								
7	K3 K4	Contactors	SIEMENS	3RT6018-1AB01	24VAC	2	YE00601802500								
8	K5 K6 K7	Middle relay	HONEYWELL	GR-2C-AC24V	24VAC	3	YE03022400300								
9	T	Transformer	JIUXIN	IN=400V/415V OUT=24V/230V	80VA/350mA	1	YE70040007200								
10	PC1 A PC2 A	Circuit board	HANYOUNGNUX	STM100-21 (含通讯)	180~4.30V 50/60Hz	2	YE81184300200								
11	H1	Buzzer	JINGKANG	PK-35A	24VAC/DC	1	YE84003500600								
12	S1 S11	Thermocouple	SHINI	----	----	2	----	(1)							
13	S2 S3 S12 S13	Thermocouple	SHINI	----	----	4	----	(1)(2)							
14	S4 S5 S6	Water pressure switch	----	----	----	3	----	(1)							
15	S7 S8	Overheat protector	----	----	----	2	----	(1)							
16	S9	Communication interface board RS-485 (double Dsub-9pin connector)	YUYUN	----	PCS	1	YE90048501200								
17		Shell RS485(SAL-700G-A-19)0	BINCHEG	----	PCS	1	YR40048500000								
18	Y1 Y2 Y3 Y4	Solenoid valve	----	----	24VAC	4	----	(1)							
19	X1	Terminal board	HONEYWELL	SK2 5	----	22	YE60002503200								
20		Terminal board	HONEYWELL	SK2 5PE	----	11	YE60002503400								
21		Terminal board	HONEYWELL	GK6	----	3	YE60000603200								
22		Terminal board	HONEYWELL	GK6PE	----	1	YE60000603500								
23	M1 M2	Motor	SHINI	TP-55	400V 50Hz 0.55kW	2	----	(1)							
24	EH1 EH2	Heater	SHINI	----	400V 50Hz 6kW	2	----	(1)							
25		Terminal fittings E/GKseries(honeywell)	HONEYWELL	----	PCS	6	YE60000003900								
版本 Ver.B Notes: (1)Means it's not the material inside the control box.(2)Means equipped with function of displaying water outlet and return water temperature.															
D		Drawing NO		Title		Version		Electrical Components List		Scale		Page		D	
				STM-607WA-D		A		STM-607WA-D-CE-4.00V-A-6		Standard		CE		Totally 6 Pages	
Mark		Before modification		Modified by		Modify date		Proofread by		Checked by		Voltage		400V	
				20180809								Frequency		50HZ	
1		2		3		4		5		6		7		8	



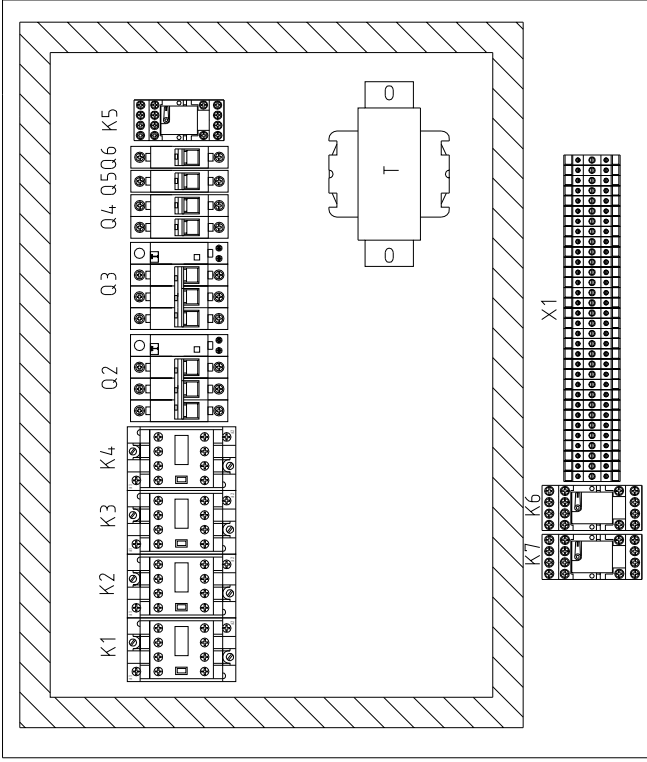
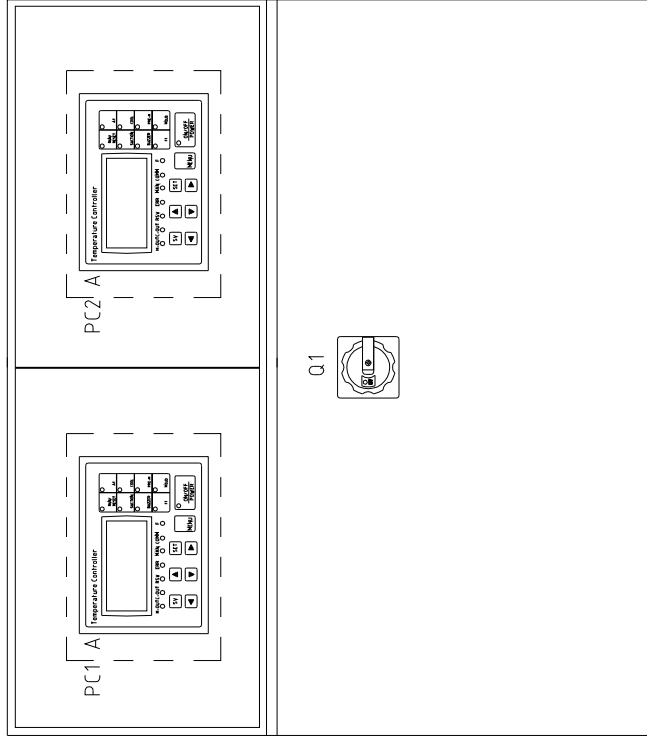
信易电热机械股份有限公司
Shini Plastics Technologies, Inc.



版本 Ver.B		Title STM-910WA-D		Drawing NO STM-910WA-D-CE-400V-A-1		Page 1	
		Main Circuit Diagram		Standard CE		Totally 7 Pages	
		Version A		Approved by		Voltage 400V	
		Date 20180810		Checked by		Frequency 50HZ	
Mark		After modification		Modified by		1	
		Modify date		Checked by		2	
		Designer		Proofread by		3	
		Drawer		Approved by		4	
		Date		Checked by		5	
		Date		Checked by		6	
		Date		Checked by		7	
		Date		Checked by		8	



1 2 3 4 5 6 7 8



A B C

版本 Ver.B

D	Mark	Before modification	Modified by	Modify date	Checked by	Proofread by	Designer	Drawer	Version	A	Title	STM-910WA-D Electrical Components Layout	Drawing NO	STM-910WA-D-CE-400V-A-4	Scale	Standard	CE	Page	4
		After modification							Approved by									Totally	7
									Date	20180810								Voltage	400V
																		Frequency	50HZ

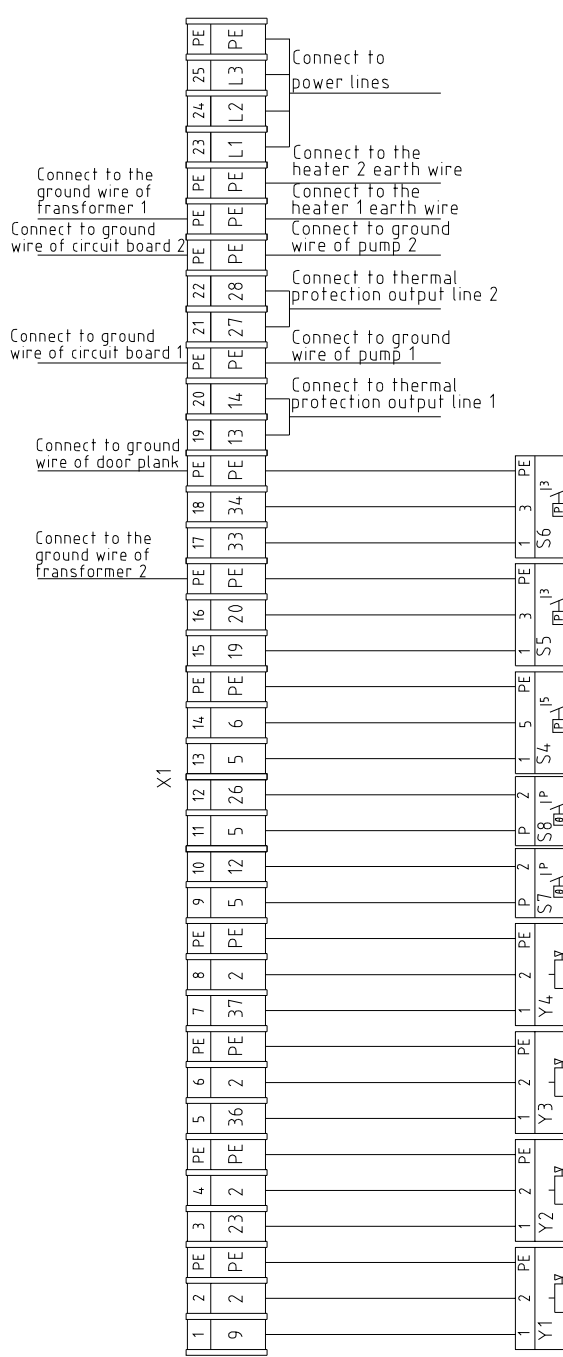
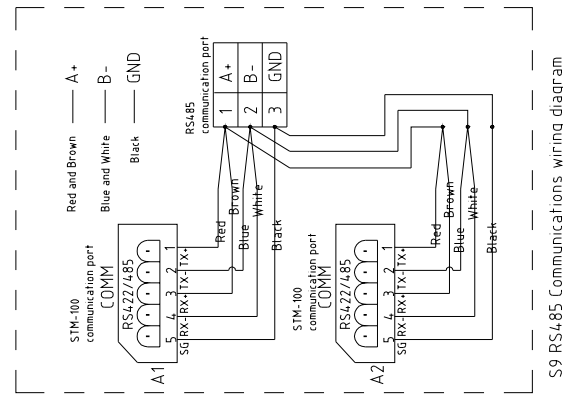


1 2 3 4 5 6 7 8

A

B

C



版本 Ver.B Technical requirements: Pump and pipe heater should be directly connected to the output terminals of contactor and thermal overload relay

D	Mark	Before modification	Modified by	Modify date	Checked by	Date	20180810	SHINI 信易电热机械股份有限公司 Shini Plastics Technologies, Inc.	Voltage 400V	Frequency 50HZ
	Proofread by	Designer	Drawer	Version	A	Title	STM-910WA-D			
								Terminal Connection Diagram	Scale	Standard
								STM-910WA-D-CE-400V-A-5	Page	5
									Totally	7
									Pages	7

1		2		3		4		5		6		7		8	
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark							
1	Q1	Main power switch	EATON	P3-63/EA/SVB	63A	1	YE10636300000								
2	Q2 Q3	Circuit breakers	TECO	BM-63C/3025S	25A	2	YE40302503000								
3	Q4	Excitation release	TECO	MX	24VAC	2	YE40024000000								
4	Q5	Circuit breakers	TECO	BM-63C/2003S 2P	3A	1	YE40200203000								
5	Q6	Circuit breakers	TECO	BM-63C/1003S 1P	3A	1	YE40100203000								
6	K1 K2	Contactors	SIEMENS	3RT6015-1AB01	24VAC	2	YE00601502500								
7	K3 K4	Contactors	SIEMENS	3RT6025-1AC20	24VAC	2	YE00602502600								
8	K5 K6 K7	Middle relay	HONEYWELL	GR-2C-AC24V	24VAC	3	YE03022400300								
9	T	Transformer	JIUXIN	IN=400V/415V OUT=24V/230V	120VA/350mA	1	YE70040007300								
10	PC1 A PC2 A	Circuit board	HANYOUNGUNIX	STM100-21 (含通讯)	180~430V 50/60Hz	2	YE81184300200								
11	H1	Buzzer	JINGKANG	PK-35A	24VAC/DC	1	YE84003500600								
12	S1 S11	Thermocouple	SHINI	----	----	2	----	(1)							
13	S2 S3 S12 S13	Thermocouple	SHINI	----	----	4	----	(1)(2)							
14	S4 S5 S6	Water pressure switch	----	----	----	3	----	(1)							
15	S7 S8	Overheat protector	----	----	----	2	----	(1)							
16	S9	Communication interface board (double Dsub-9pin connector)	YUYUN	----	PCS	1	YE90048501200								
17	S10	Shell RS485(SAL-700G-A-19)0	BINCHENG	----	PCS	1	YR40048500000								
18	Y1 Y2 Y3 Y4	Solenoid valve	----	----	24VAC	4	----	(1)							
19	X1	Terminal board	HONEYWELL	SK2.5	----	22	YE60002503200								
20	X2	Terminal board	HONEYWELL	SK2.5PE	----	11	YE60002503400								
21	X3	Terminal board	HONEYWELL	GK10	----	3	YE60001003200								
22	X4	Terminal board	HONEYWELL	GK10PE	----	1	YE60001003500								
23	M1 M2	Motor	SHINI	TP-75	400V 50Hz 0.75kW	2	----	(1)							
24	E1 E2	Heater	SHINI	----	400V 50Hz 9kW	2	----	(1)							
25	E3	Heater	SHINI	----	400V 50Hz 9kW	2	----	(1)							
版本 Ver.B Notes: (1)Means it's not the material inside the control box (2)Means equipped with function of displaying water outlet and return water temperature.															
D		Title		Drawing NO		Scale		Page		6		7		8	
		STM-910WA-D		STM-910WA-D-CE-400V-A-6		Standard		CE		Voltage		400V		50HZ	
Electrical Components List 1		Electrical Components List 1		Electrical Components List 1		Electrical Components List 1		Electrical Components List 1		Electrical Components List 1		Electrical Components List 1		Electrical Components List 1	
SHINI		SHINI		SHINI		SHINI		SHINI		SHINI		SHINI		SHINI	
信易電熱機械股份有限公司		Shini Plastics Technologies, Inc.		Shini Plastics Technologies, Inc.		Shini Plastics Technologies, Inc.		Shini Plastics Technologies, Inc.		Shini Plastics Technologies, Inc.		Shini Plastics Technologies, Inc.		Shini Plastics Technologies, Inc.	
Mark		Before modification		Modified by		Modify date		Checked by		Date		Approved by		Version	
1		2		3		4		5		6		7		8	

