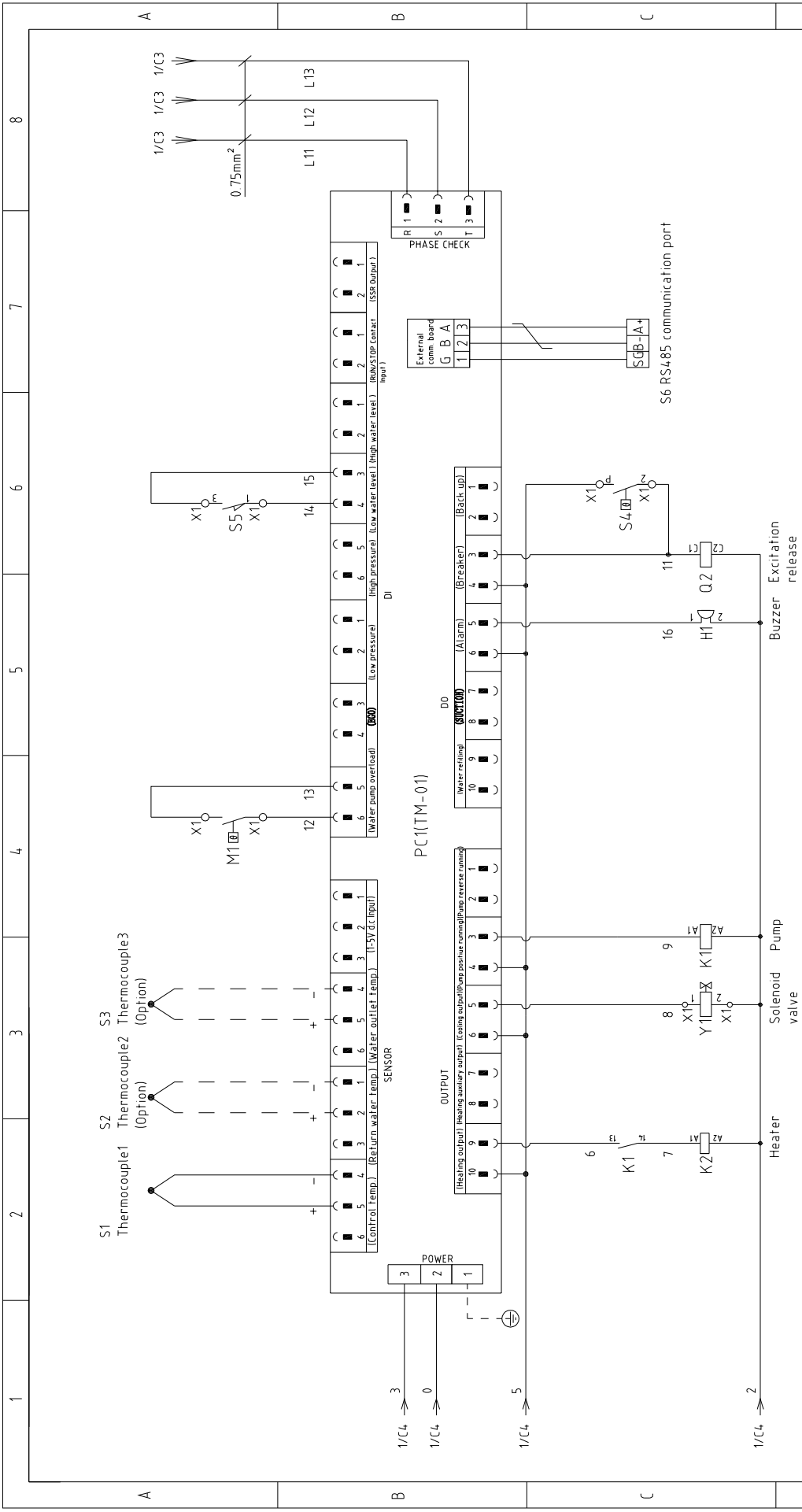


STM-607 版本 Ver.H
 STM-607M 版本 Ver.F

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

Title		Drawing NO		Page 1	
STM-607		STM-607-CE-4.00V-K-1		Totally 4 Pages	
Main Circuit Diagram		Standard		CE	
Version		Scale		Voltage	
K		Standard		4.00V	
Approved by		Frequency		50Hz	
Date		20180723			
Modified by		2			
Checked by		3			
Proofread by		4			
Designer		3			
Drawer		4			
Mark		1			
Before modification		2			
After modification		3			
Modified date		4			
Checked by		5			
Proofread by		6			
Designer		7			
Drawer		8			



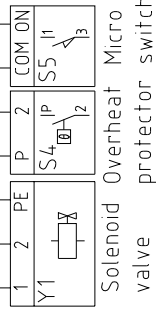
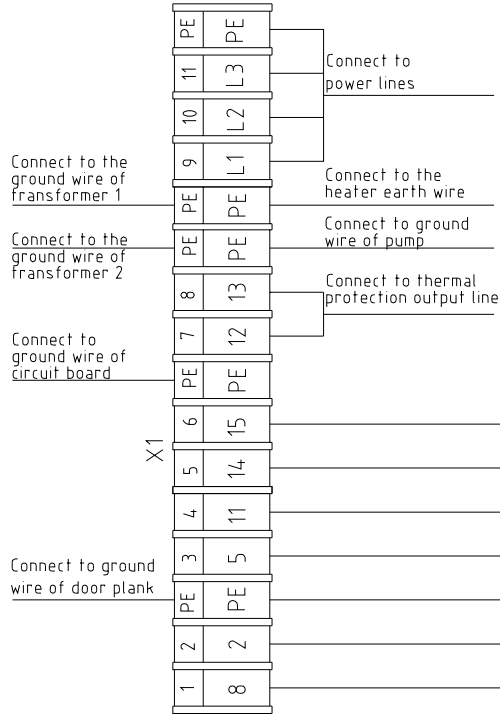
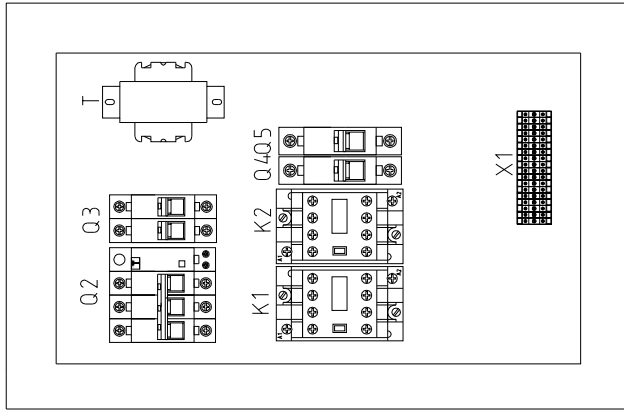
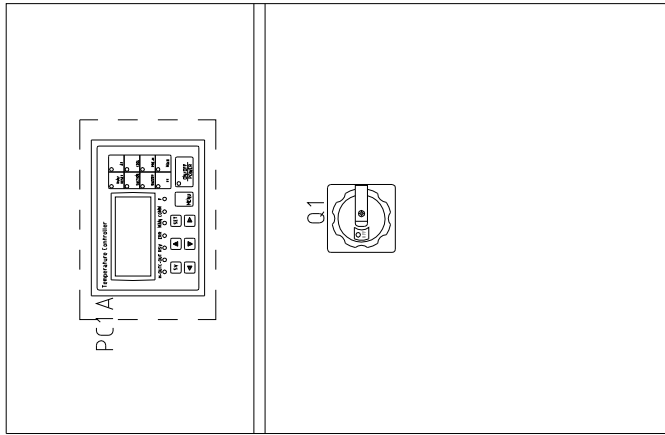


STM-607 版本 Ver.H
 STM-607M 版本 Ver.F

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

Title		Drawing NO	
STM-607		STM-607-CE-400V-K-2	
Version		Scale	
K		Standard	
Approved by		Voltage	
Date		Frequency	
20180723		400V	
Modified by		Page	
Modify date		Totally	
After modification		4	
Before modification		Pages	
Mark		50HZ	
1		8	






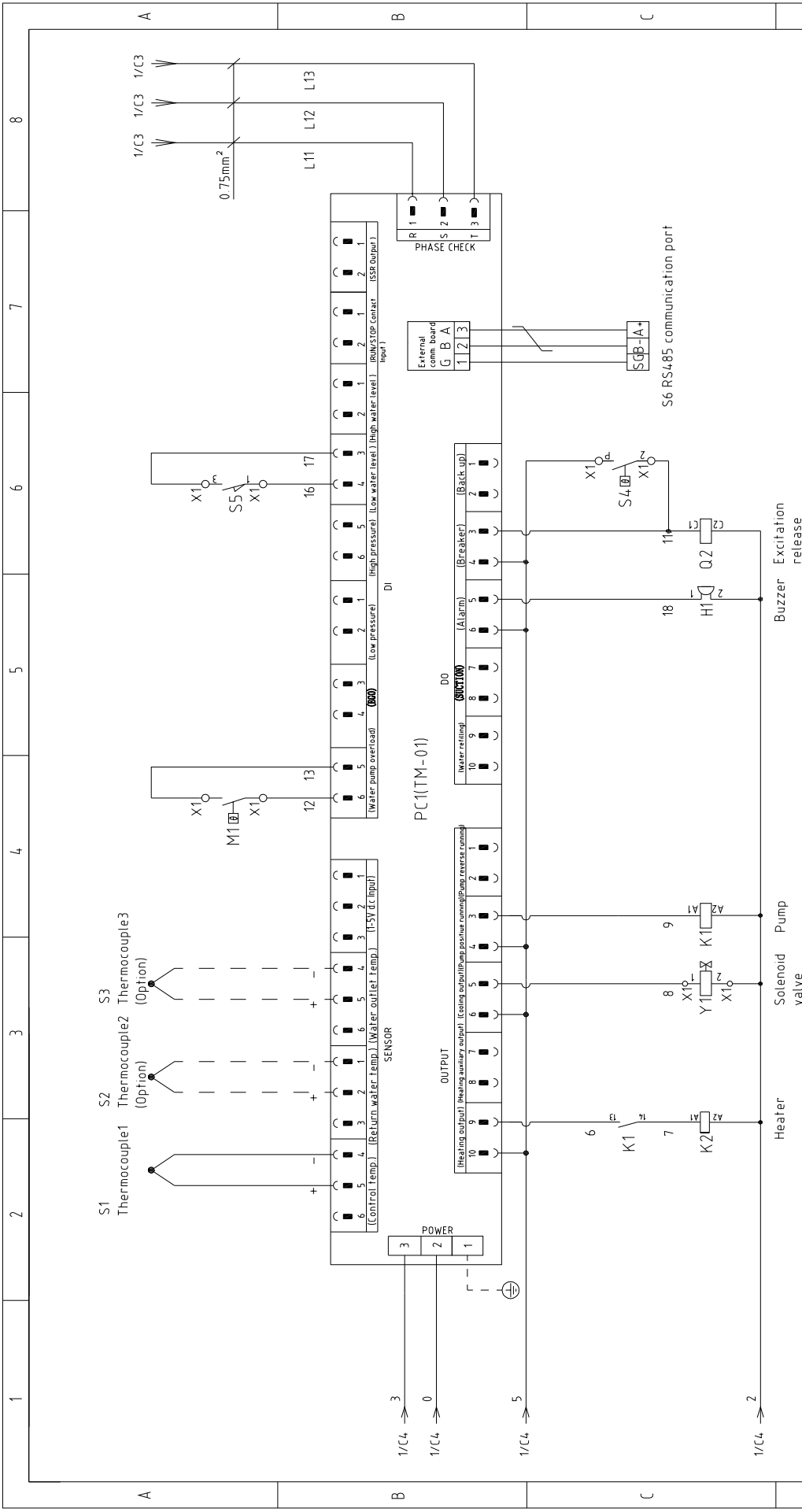
STM-607 版本 Ver.H
STM-607M 版本 Ver.F

Technical requirements: (1) Pump and pipe heater should be directly connected to the output terminals of contactor and thermal overload relay.

Mark	Before modification	Modified by	20180723	Checked by	Approved by	Version	K	Title	STM-607	Drawing NO	Scale	Page
	After modification	Modified by	20180723	Checked by	Approved by	Version	K	Electrical Components Layout	STM-607-CE-400V-K-3	Standard	Standard	3
												Totally
												4
												Pages
												4
												400V
												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	TO-2-1/EA/SVB	20A	1	YE10021160000																						
2	Q2	Circuit breakers	TECO	BM-63C/3016S	16A	1	YE40301603000																						
3	Q3	Excitation release	TECO	MX	24VAC	1	YE40024000000	A																					
4	Q4 Q5	Circuit breakers	TECO	BM-63C/2003S 2P	3A	1	YE40200203000																						
5	Q4 Q5	Circuit breakers	TECO	BM-63C/1003S 1P	3A	2	YE40100203000																						
6	K1	Contactors	SIEMENS	3RT6015-1AB01	24VAC	1	YE00601502500																						
7	K2	Contactors	SIEMENS	3RT6018-1AB01	24VAC	1	YE00601802500																						
8	T	Transformer	JIUXIN	IN=400V/415V OUT=24V/230V	80VA/350mA	1	YE700400007200																						
9	S1	Thermocouple	SHINI	----	K	1	----	(1)																					
10	S2 S3	Thermocouple	SHINI	----	K	2	----	(1)(2)																					
11	S4	Overheat protector	----	----	----	1	----	(1)																					
12	S5	Limit switch	RENEW	----	250V 5(4)	1	----	(1)																					
13	S6	Communication interface board RS-485 (double Dsub-9pin connector)	YUYUN	----	PCS	1	YE90048501200																						
14		Shell RS485(SAL-700G-A-19)0	BINCHEG	----	PCS	1	YR40048500000																						
15	PC1 A	Circuit board	YUYUN	TM-01 (含通讯)	180~430V 50/60Hz	1	YE81012200300																						
16	X1	Terminal board	HONEYWELL	SK2 5	----	11	YE60002503200																						
17		Terminal board	HONEYWELL	SK2 5PE	----	5	YE60002503400																						
18	M1	Motor	SHINI	TP-55	400V 50Hz 0.55kW	1	----	(1)																					
19	M1	Motor	SHINI	MP-55	400V 50Hz 0.55kW	1	----	(1)(3)																					
20	EH	Heater	SHINI	----	400V 50Hz 6kW	1	----	(1)																					
21	H1	Buzzer	JINGKANG	PK-35A	24VAC/DC	1	YE84003500600																						
22	Y1	Solenoid valve	----	----	24VAC	1	----	(1)																					
23		Terminal fittings E/GKseries(honeywell)	HONEYWELL	----	PCS	6	YE60000003900																						
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																													
STM-607 版本				STM-607M 版本				Ver.F				Title			Drawing NO														
								Version				K				STM-607													
								Approved by				Electrical Components List				STM-607-CE-400V-K-4													
								Date				20180723				Scale													
								Checked by								Standard													
								Modify date								Voltage													
								After modification								Frequency													
								Before modification								400V													
																50HZ													
 信易电热机械股份有限公司 Shini Plastics Technologies, Inc.																													
<table border="1"> <tr> <td>Page</td> <td>4</td> <td colspan="2">Totally</td> <td>4</td> <td colspan="2">Pages</td> <td colspan="8"></td> </tr> </table>															Page	4	Totally		4	Pages									
Page	4	Totally		4	Pages																								



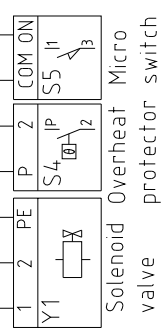
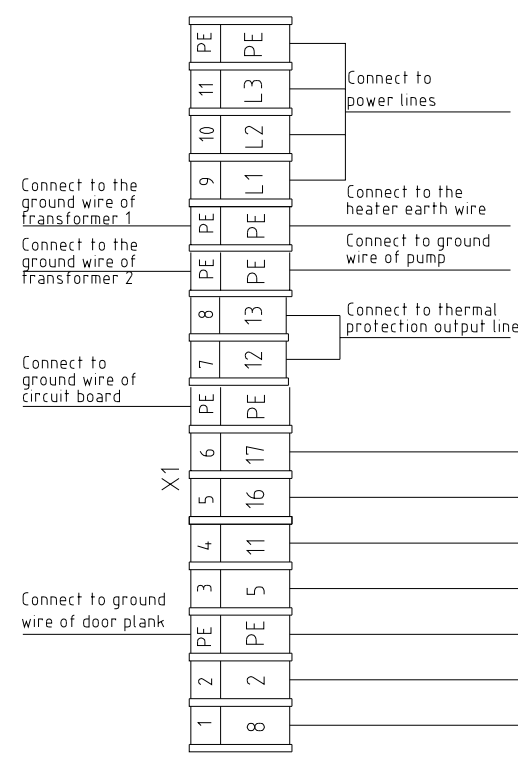
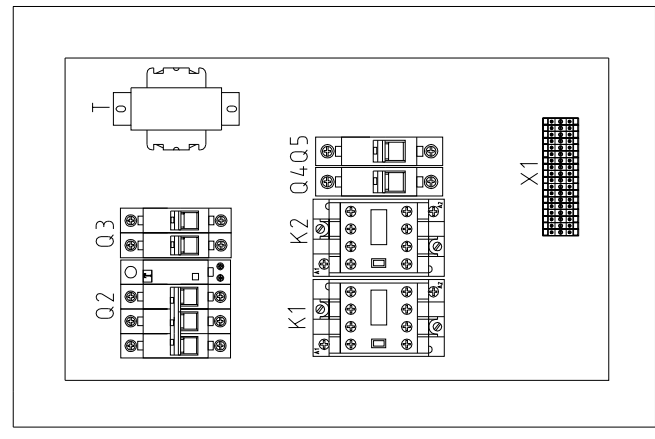
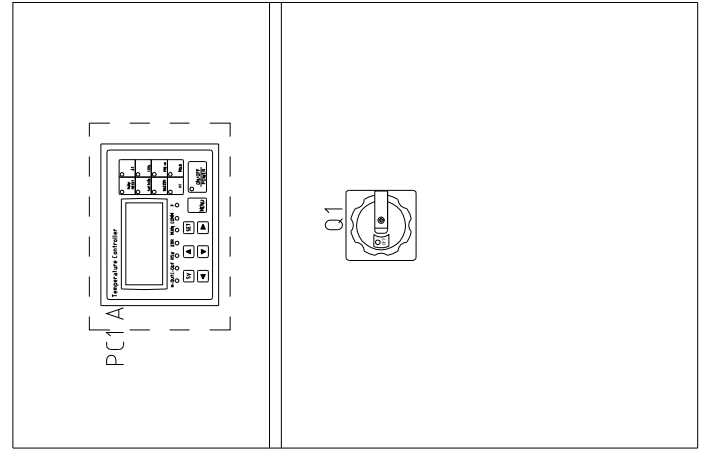
STM-910 版本 Ver.G
 STM-910M 版本 Ver.E

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

Title		Drawing NO	
STM-910		STM-910-CE-400V-H-2	
Version		Scale	
H		Standard	
Approved by		Voltage	
Date		Frequency	
20180724		400V	
Modified by		Frequency	
Modify date		50HZ	
Mark		Page	
Before modification		2	
After modification		4	
Modified by		Totally	
Checked by		4	
Proofread by		Pages	
Designer		CE	
Drawer		Voltage	
STM-910		Frequency	
Control Circuit Diagram		400V	
SHINI		50HZ	
信易電熱機械股份有限公司		8	
Shini Plastics Technologies, Inc.		7	
2		6	
3		5	
4		4	
5		3	
6		2	
7		1	
8		0	


1 2 3 4 5 6 7 8

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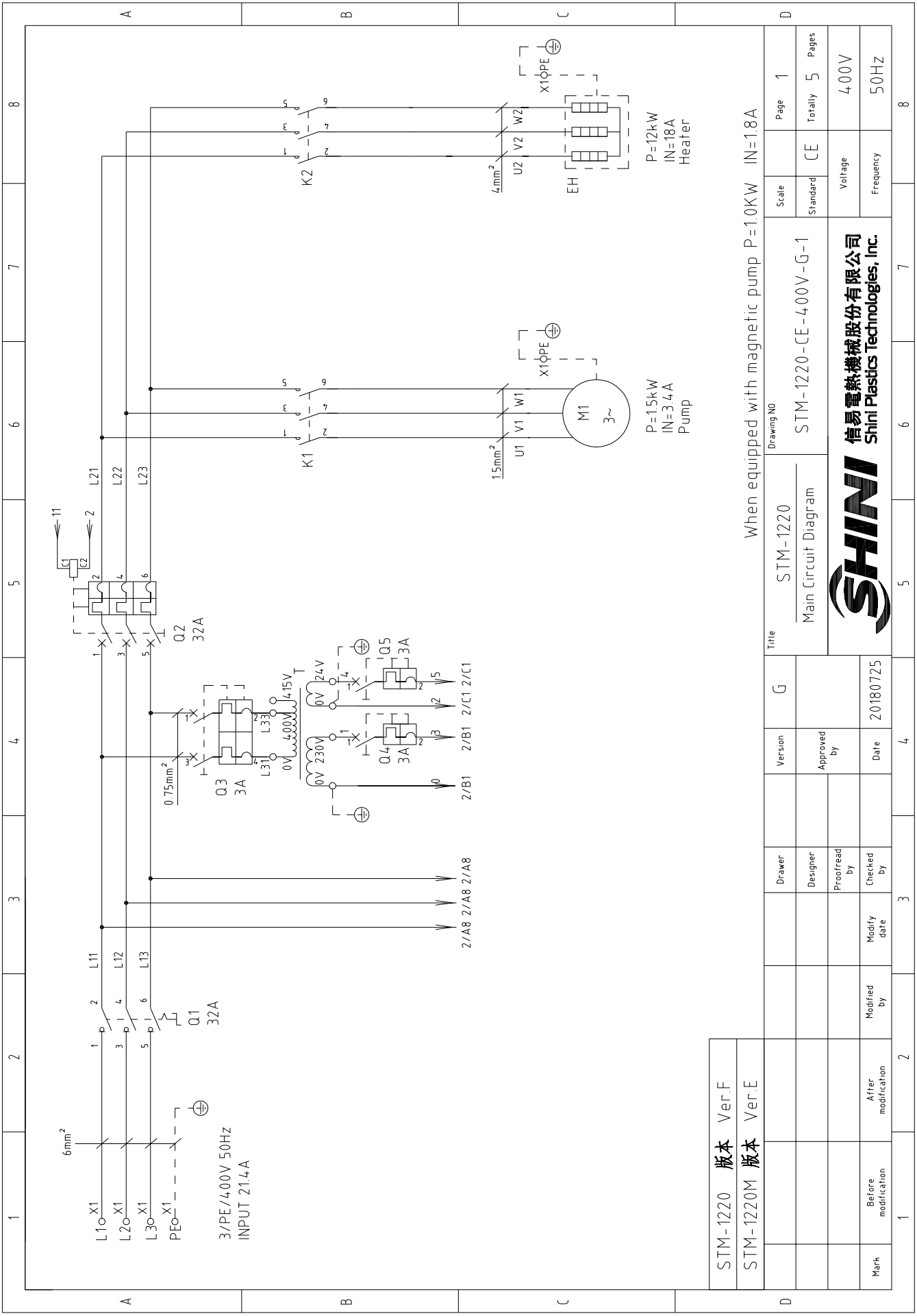
STM-910	版本	Ver.G
STM-910M	版本	Ver.E

Technical requirements (1) Pump and pipe heater should be directly connected to the output terminals of contactor and thermal overload relay.

D	Title	STM-910	Drawing NO	Scale	Page	3
	Electrical Components Layout		STM-910-CE-400V-H-3	Standard	CE	Totally
Mark	Before modification	Modified by	Modify date	Voltage	400V	
	After modification	Checked by	Date		Frequency	50HZ
1	2	3	4	5		6
 信易電熱機械股份有限公司 Shini Plastics Technologies, Inc.						
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	P1-25/EA/SVB	20A	1	YE10021160000								
2	Q2	Circuit Breakers	TECO	BM-63C/3025S	25A	1	YE40302503000								
3		Excitation release	CHINT	MX	24VAC	1	YE40024000000								
4	Q3	Circuit breakers	TECO	BM-63C/2003S 2P	3A	1	YE40200203000								
5	Q4 Q5	Circuit breakers	TECO	BM-63C/1003S 1P	3A	2	YE40100203000								
6	K1	Contactors	SIEMENS	3RT6015-1AB01	24VAC	1	YE00601502500								
7	K2	Contactors	SIEMENS	3RT6025-1AC20	24VAC	1	YE00602502600								
8	T	Transformer	JIUXIN	IN=400V/415V OUT=24V/230V	80VA/350mA	1	YE700400007200								
9	S1	Thermocouple	SHINI	----	K	1	----	(1)							
10	S2 S3	Thermocouple	SHINI	----	K	2	----	(1)(2)							
11	S4	Overheat protector	----	----	----	1	----	(1)							
12	S5	Limit switch	RENEW	----	250V 5(4)	1	----	(1)							
13	S6	Communication interface board RS-485 (double Dsub-9pin connector)	YUYUN	----	PCS	1	YE90048501200								
14		Shell RS485(SAL-700G-A-19)0	BINCHEG	----	PCS	1	YR40048500000								
15	PC1 A	Circuit board	YUYUN	TM-01 (含通讯)	180~430V 50/60Hz	1	YE81012200300								
16	X1	Terminal board	HONEYWELL	SK2 5	----	8	YE60002503200								
17		Terminal board	HONEYWELL	SK2 SPE	----	4	YE60002503400								
18		Terminal board	HONEYWELL	SK4	----	3	YE60000403200								
19		Terminal board	HONEYWELL	SK4PE	----	1	YE60000403500								
20	M1	Motor	SHINI	TP-75	400V 50Hz 0.75kW	1	----	(1)							
21	M1	Motor	SHINI	MP-100	400V 50Hz 1.0kW	1	----	(1)(3)							
22	EH	Heater	SHINI	----	400V 50Hz 9kW	1	----	(1)							
23	H1	Buzzer	JINGKANG	PK-35A	24VAC/DC	1	YE84003500600								
24	Y1	Solenoid valve	----	----	24VAC	1	----	(1)							
25		Terminal fittings E/GKseries(honeywell)	HONEYWELL	----	PCS	6	YE60000003900								
STM-910 版本		Ver.G	Ver.E	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	Designer	Version	H	Title		Drawing NO							
						STM-910		STM-910-CE-400V-H-4							
			Proofread by	Approved by	Electrical Components List		Scale	Standard		CE		Page	4		
							Voltage		400V		Totally		4		
Mark		Before modification	Modified by	Modify date	Checked by	Date	Frequency		50HZ		Page		4		
				20180724			Frequency		50HZ		Page		4		



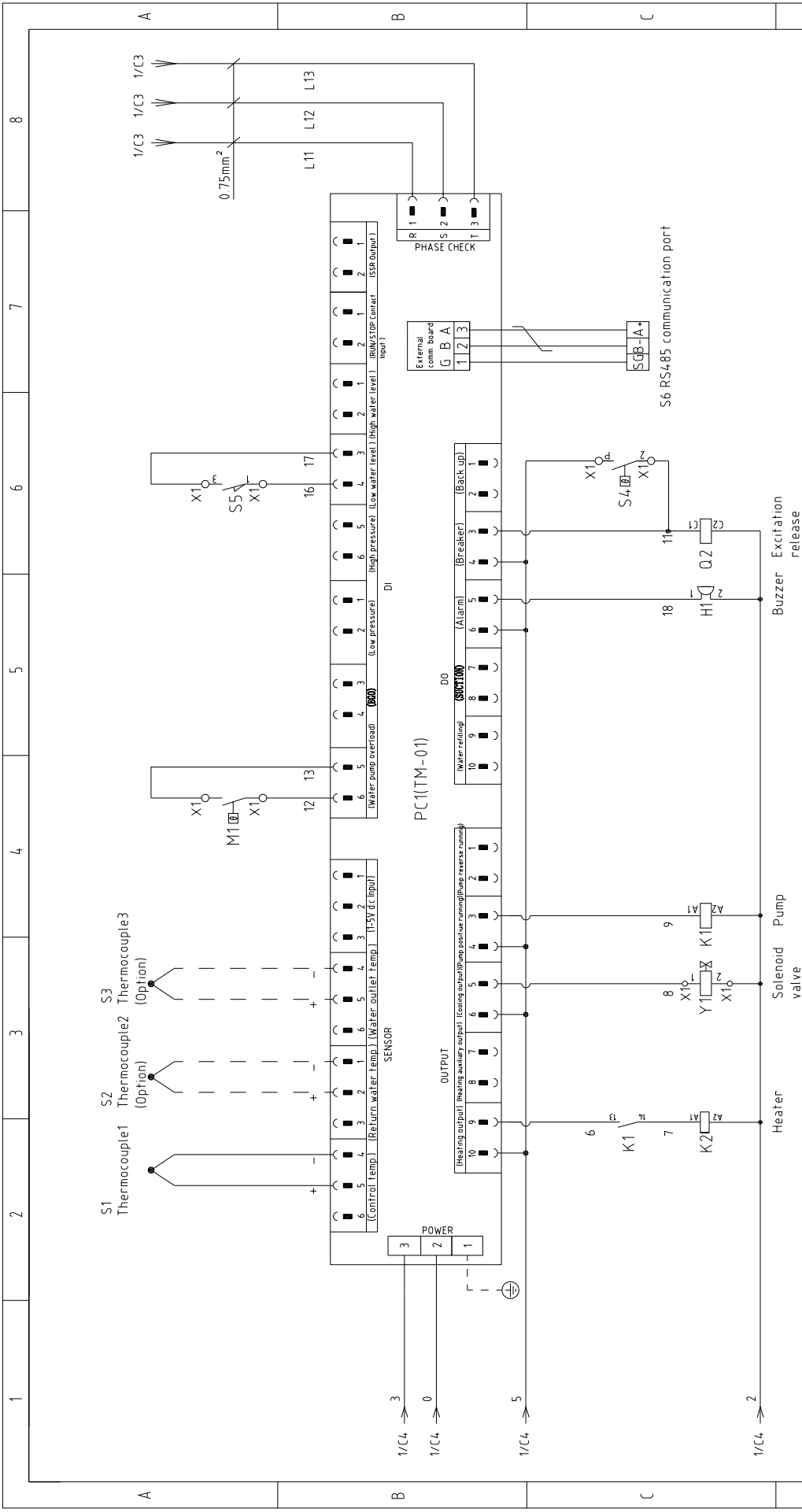


STM-1220	版本	Ver.F
STM-1220M	版本	Ver.E

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

D	Version	STM-1220	Scale	Page 1
	Approved by	Main Circuit Diagram	Standard	Totally 5 Pages
Mark	Before modification	Date	Voltage	400V
	After modification		Frequency	50Hz
Title		Drawing NO	8	
Version		STM-1220-CE-400V-G-1	7	
Date		20180725	6	
Modified by			5	
Checked by			4	
Proofread by			3	
Designer			2	
Drawer			1	





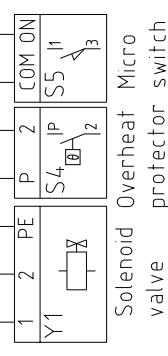
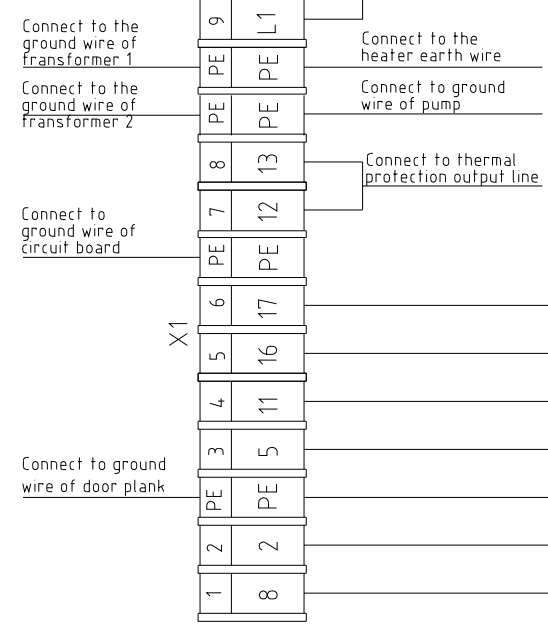
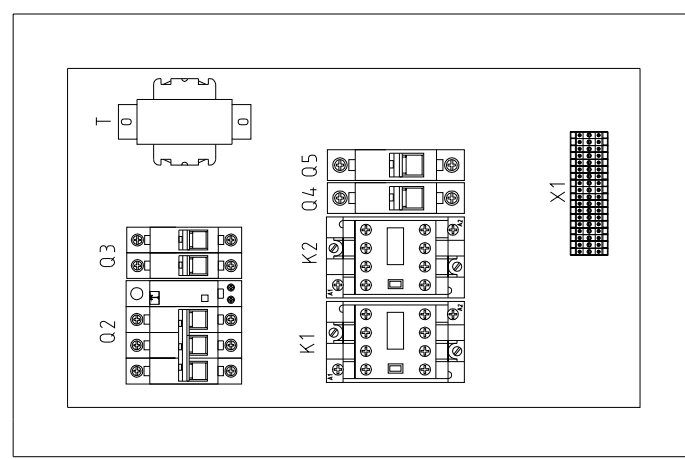
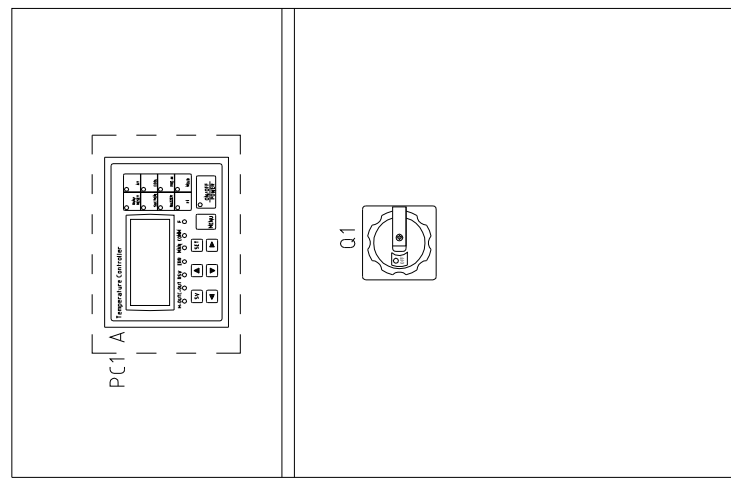
STM-1220M 版本 Ver.E
 STM-1220 版本 Ver.F

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

Drawing NO		STM-1220		Page 2	
Title		Control Circuit Diagram		Standard CE	
Version		G		Voltage 400V	
Designer		Approved by		Frequency 50HZ	
Proofread by		Date 20180725		Totally 5 Pages	
Modified by		Modify date		Voltage	
Mark		After modification		Frequency	
1		2		3	
4		5		6	
7		8		9	
10		11		12	
13		14		15	
16		17		18	
19		20		21	
22		23		24	
25		26		27	
28		29		30	
31		32		33	
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46		47		48	
49		50		51	
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79		80		81	
82		83		84	
85		86		87	
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94		95		96	
97		98		99	
100		101		102	



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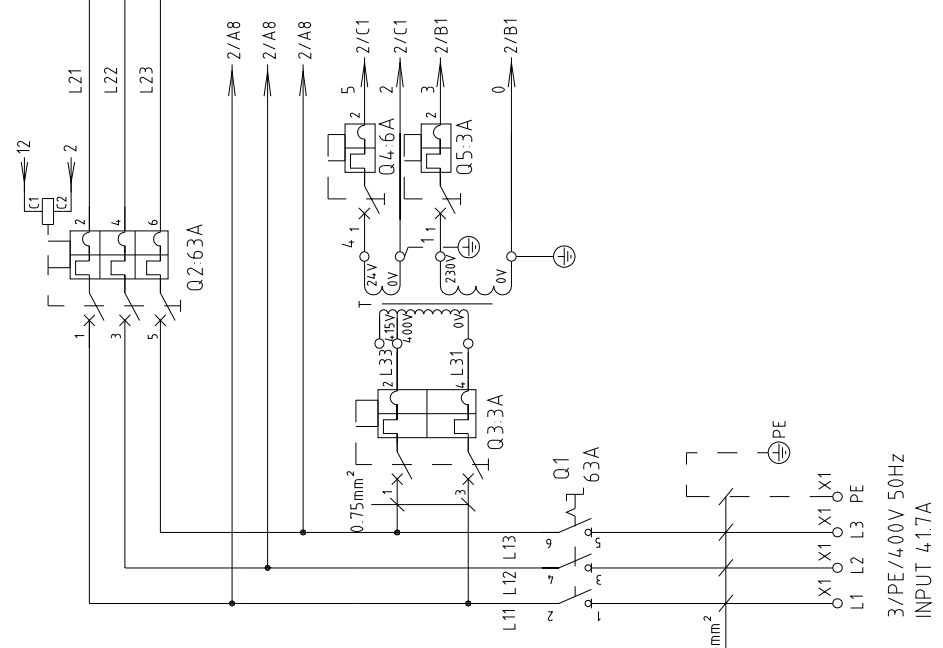
STM-1220 版本 Ver.F

STM-1220M 版本 Ver.E

Technical requirements (1)Pump and pipe heater should be directly connected to the output terminals of contactor and thermal overload relay.

1	2	3	4	5	6	7	8
Title		Drawing NO		Scale		Page	
STM-1220		STM-1220-CE-400V-G-3		Standard		CE	
Electrical Components Layout		Voltage		Frequency		Totally	
		400V		50HZ		5	
SHINI		信易電熱機械股份有限公司		Shini Plastics Technologies, Inc.			
Mark	Before modification	After modification	Modified by	Modify date	Checked by	Proofread by	Designer
				20180725			
Version		Approved By		Date		Date	
				20180725		20180725	
Drawer		Version		G		Title	
						STM-1220	

1	2		3	4	5	6	7	8
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark
1	Q1	Main power switch	EATON	P1-32/EA/SVB	32A	1	YE10323200000	
2	Q2	Circuit breakers	TECO	BM-63C/3032S	32A	1	YE40303203000	
3	Q3	Excitation release	CHINT	MX	24VAC	1	YE40024000000	A
4	Q4 Q5	Circuit breakers	TECO	BM-63C/2003S 2P	3A	1	YE40200203000	
5	Q4 Q5	Circuit breakers	TECO	BM-63C/1003S 1P	3A	2	YE40100203000	
6	K1	Contactors	SIEMENS	3RT6015-1AB01	24VAC	1	YE00601502500	
7	K2	Contactors	SIEMENS	3RT6026-1AC20	24VAC	1	YE00602602600	
8	T	Transformer	JIUXIN	IN=400V/415V OUT=24V/230V	80VA/350mA	1	YE7004.0007200	
9	S1	Thermocouple	SHINI	----	K	1	----	(1)
10	S2 S3	Thermocouple	SHINI	----	K	2	----	(1)(2)
11	S4	Overheat protector	----	----	----	1	----	(1)
12	S5	Limit Switch	RENEW	----	250V 5(4)	1	----	(1)
13	S6	Communication interface board RS-485 (double Dsub-9pin connector)	YUYUN	----	PCS	1	YE9004.8501200	
14		Shell RS485(SAL-700G-A-19)0	BINCHEG	----	PCS	1	YR4004.8500000	
15	PC1 A	Circuit board	YUYUN	TM-01 (含通讯)	180~430V 50/60Hz	1	YE81012200300	
16	X1	Terminal board	HONEYWELL	SK2 5	----	8	YE60002503200	
17		Terminal board	HONEYWELL	GK2 SPE	----	3	YE60002503400	
18		Terminal board	HONEYWELL	GK5PE	----	1	YE60000403500	
19		Terminal board	HONEYWELL	GK6	----	3	YE60000603200	
20		Terminal board	HONEYWELL	GK6PE	----	1	YE60000603500	
21	M1	Motor	SHINI	TP-150	4.00V 50Hz 1.5kW	1	----	(1)
22	M1	Motor	SHINI	MP-100	4.00V 50Hz 1.0kW	1	----	(1)(3)
23	EH	Heater	SHINI	12kW	4.00V 50Hz	1	----	(1)
24	H1	Buzzer	JINGKANG	PK-35A	24VAC/DC	1	YE84.003500600	
25	Y1	Solenoid valve	----	----	24VAC	1	----	(1)
STM-1220 版本 Ver.F			STM-1220M 版本 Ver.E		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			
			Title		Drawing NO		D	
			Version		Electrical Components list 1		Scale	
			Approved by		STM-1220-CE-400V-G-4		Standard	
			Date		20180725		Voltage	
			Modify date				Frequency	
Mark			Before modification				400V	
			After modification				50HZ	
1			2		3		4	
5			6		7		8	
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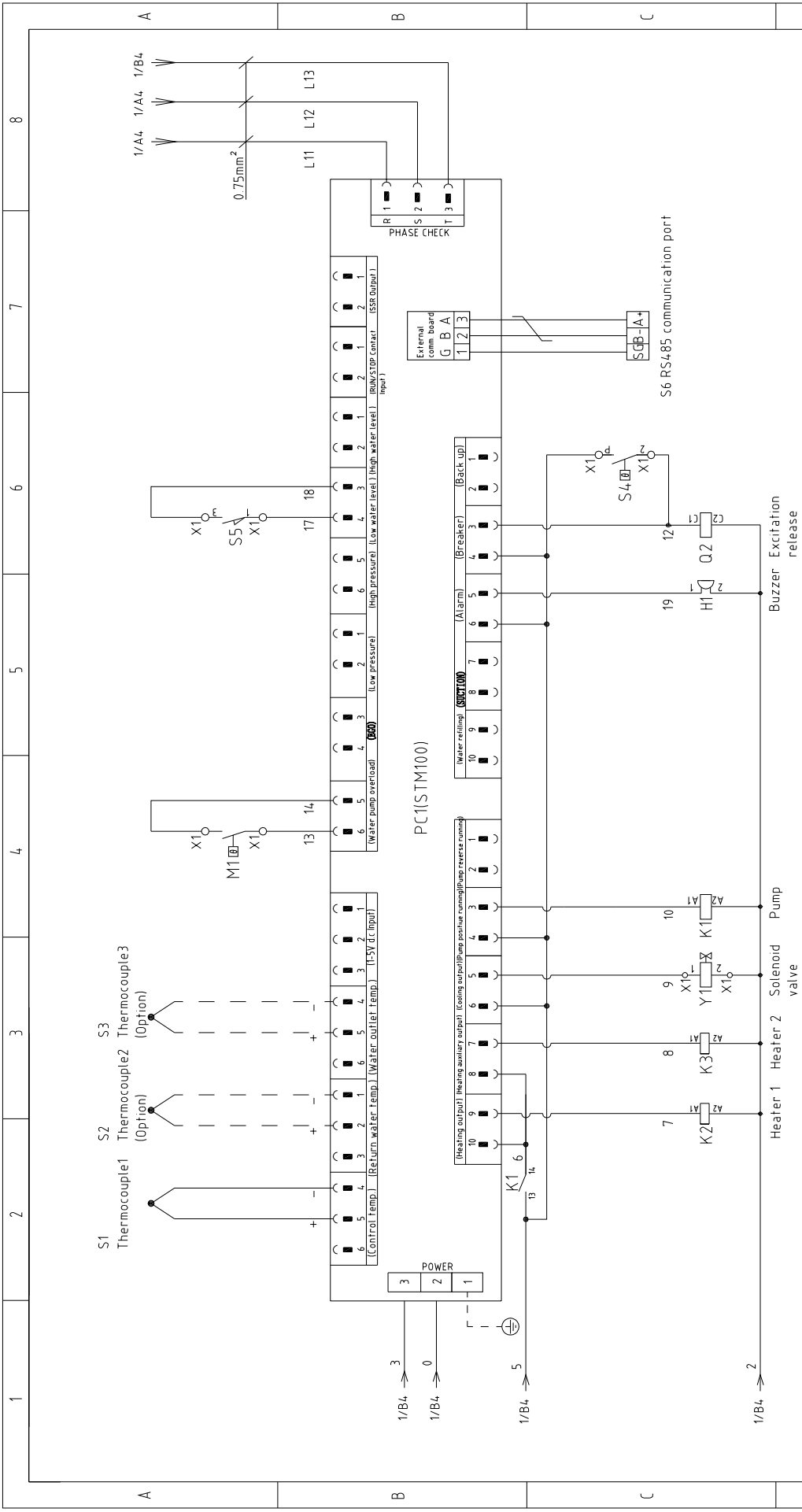


STM-2440 版本 Ver.E
 STM-2440M 版本 Ver.E

When equipped with magnetic pump P=2.8KW IN=6.5A

D	Version	G	Title	Drawing NO		Scale	Page	1
	Designer	Approved by	Main Circuit Diagram		STM-2440-CE-4.00V-G-1	Standard	Totally	5 Pages
Mark	Before modification	Modified by	Date	20180725		Voltage	400V	
	After modification	Modify date			Frequency	50HZ		



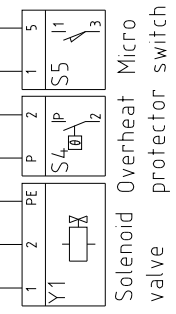
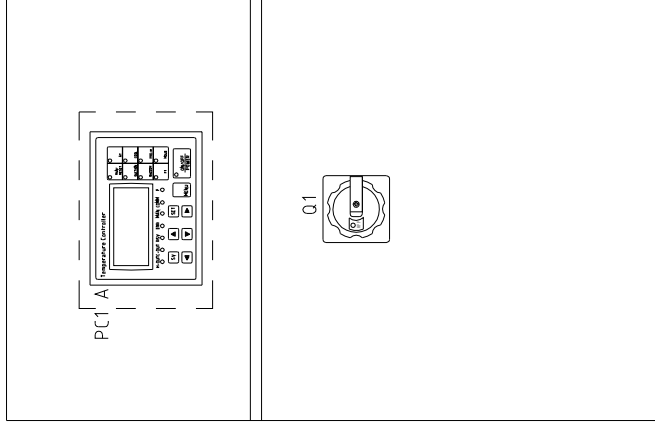
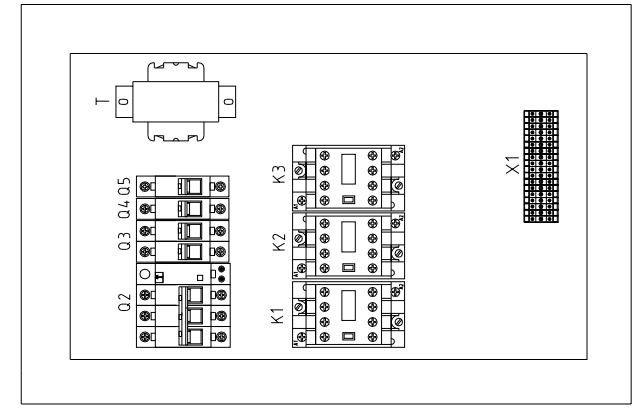
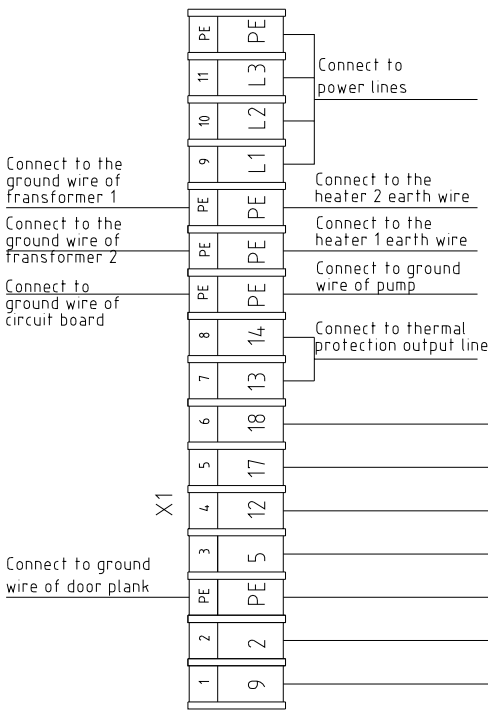


STM-2440 版本 Ver.E
 STM-2440M 版本 Ver.E

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

Title		Drawing NO	
STM-2440		STM-2440-CE-400V-G-2	
Version		Scale	
G		Standard	
Approved by		CE	
Date		Voltage	
20180725		400V	
Modified by		Frequency	
Modify date		50HZ	
Mark		Page	
Before modification		2	
After modification		Totally	
		5	
		Pages	
		8	






STM-2440 版本 Ver.E
STM-2440M 版本 Ver.E

Technical requirements (1)Pump and pipe heater should be directly connected to the output terminals of contactor and thermal overload relay.

Mark	Before modification	After modification	Modified by	Modify date	Checked by	Date	20180725	Approved by	Version	G	Title	STM-2440	Drawing NO	STM-2440-CE-400V-G-3	Scale	Standard	CE	Page	3	Totally	5	Pages	

1		2		3		4		5		6		7		8		
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark								
1	Q1	Main power switch	EATON	P3-63/EA/SVB	63A	1	YE10636300000									
2	Q2	Circuit breakers	TECO	BM-63C/3063S	63A	1	YE40306303000									
3		Excitation release	TECO	MX	24VAC	1	YE40024000000									
4	Q3	Circuit breakers	TECO	BM-63C/2003S 2P	3A	1	YE40200203000									
5	Q4	Circuit breakers	TECO	BM-63C/1006S 1P	6A	1	YE40100600100									
6	Q5	Circuit breakers	TECO	BM-63C/1003S 1P	3A	1	YE40100203000									
7	K1	Contactors	SIEMENS	3RT6016-1AB01	24VAC	1	YE00601602500									
8	K2 K3	Contactors	SIEMENS	3RT6026-1AC20	24VAC	2	YE00602602600									
9	T	Transformer	JIUXIN	IN=400/415V OUT=24V/230V	120VA/350mA	1	YE70040007300									
10	S1	Thermocouple	SHINI	----	K	1	----	(1)								
11	S2 S3	Thermocouple	SHINI	----	K	2	----	(1)(2)								
12	S4	Overheat protector	----	----	----	1	----	(1)								
13	S5	Limit switch	RENEW	----	250V 5(4)	1	----	(1)								
14	S6	Communication interface board RS-485 (double Dsub-9pin connector)	YUYUN	----	PCS	1	YE90048501200									
15		Shell RS485(SAL-700G-A-19)0	BINGCHENG	----	PCS	1	YR40048500000									
16	PC1 A	Circuit board	YUYUN	TM-01-220VAC(含通讯)	180~4.30V 50/60Hz	1	YE81012200300									
17	X1	Terminal board	HONEYWELL	SK2.5	----	8	YE60002503200									
18		Terminal board	HONEYWELL	GK2.5PE	----	2	YE60002503400									
19		Terminal board	HONEYWELL	GK5PE	----	2	YE60000403500									
20		Terminal board	HONEYWELL	GK16	----	3	YE60001603200									
21		Terminal board	HONEYWELL	GK16PE	----	1	YE60001603500									
22	M1	Motor	SHINI	TP-280	400V 50Hz 2.8kW	1	----	(1)								
23	M1	Motor	SHINI	MP-280	400V 50Hz 2.8kW	1	----	(1)(3)								
24	EHT EH2	Heater	SHINI	----	400V 50Hz 12kW	2	----	(1)								
25	H1	Buzzer	JINGKANG	PK-35A	24VAC/DC	1	YE84003500600									
STM-2440 版本		Ver.E	STM-2440M 版本	Ver.E	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											
				Version	G	Title		Drawing NO								
				Designer		Electrical Components list 1		STM-2440								
				Proofread by		Electrical Components list 1		Scale		Standard						
				Checked by		Electrical Components list 1		Standard		CE		Page		4		
				Modify date	20180725	Electrical Components list 1		Voltage		Frequency		Totally		5 Pages		
Mark	Before modification	After modification	Modified by	Date	STM-2440-CE-400V-G-4											
				 信易电热机械股份有限公司 Shini Plastics Technologies, Inc.												
1		2		3		4		5		6		7		8		

