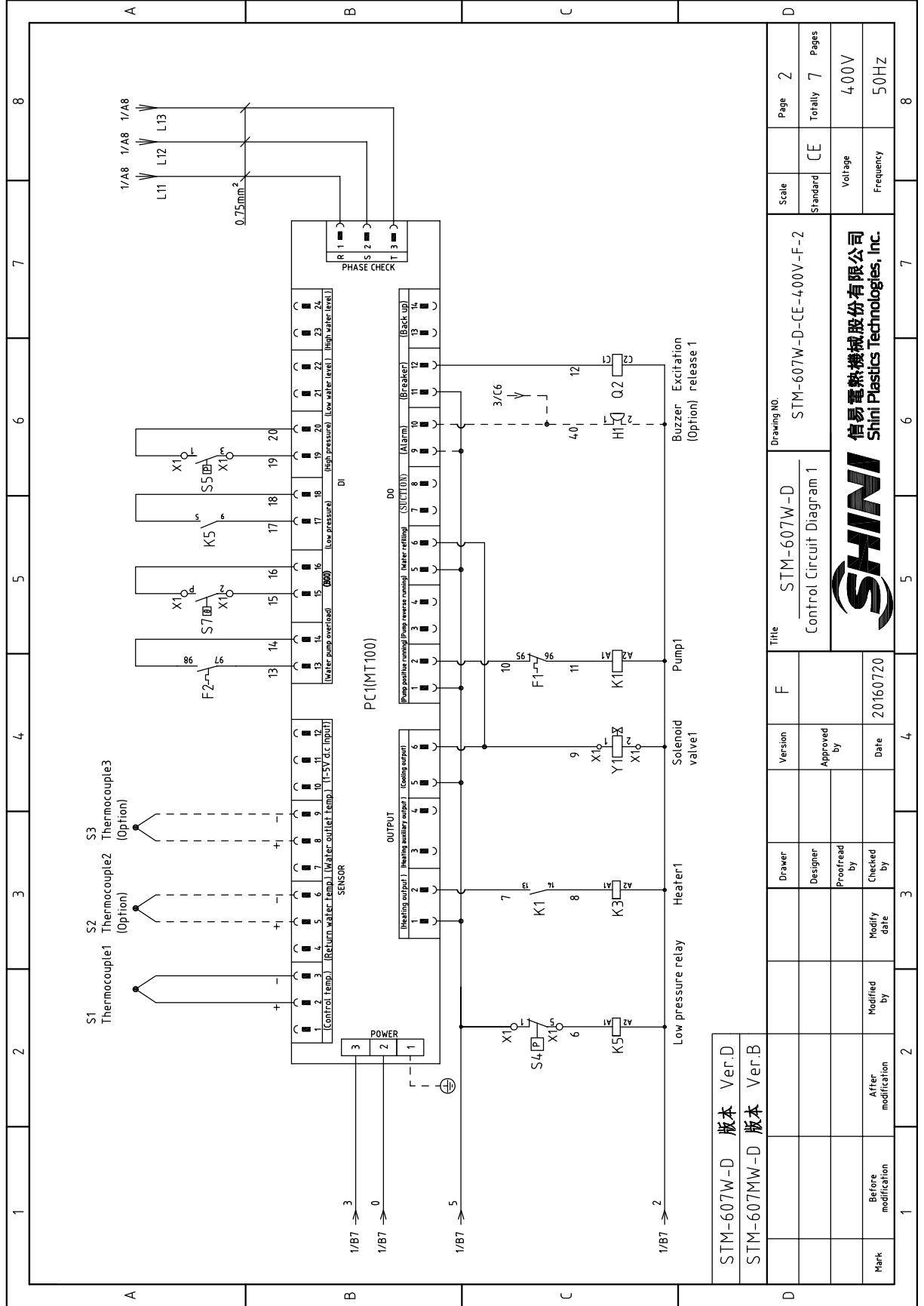


STM-607W-D 版本 Ver.D  
 STM-607MW-D 版本 Ver.B

When equipped with magnetic pump F1:SET 1.0A P=0.55kW IN=1.0A  
 When equipped with magnetic pump F2:SET 1.0A P=0.55kW IN=1.0A

Mark	Before modification	After modification	Modify Date	Checked by	Version	F	Title	Drawing No.	Scale	Page 1
					Designer		STM-607W-D	STM-607W-D-CE-400V-F-1	Standard	Totally 7
					Proofread by		Main Circuit Diagram			Pages
					Approved by					4,00V
					Checked by					Frequency
					Date					50Hz
					20160720					



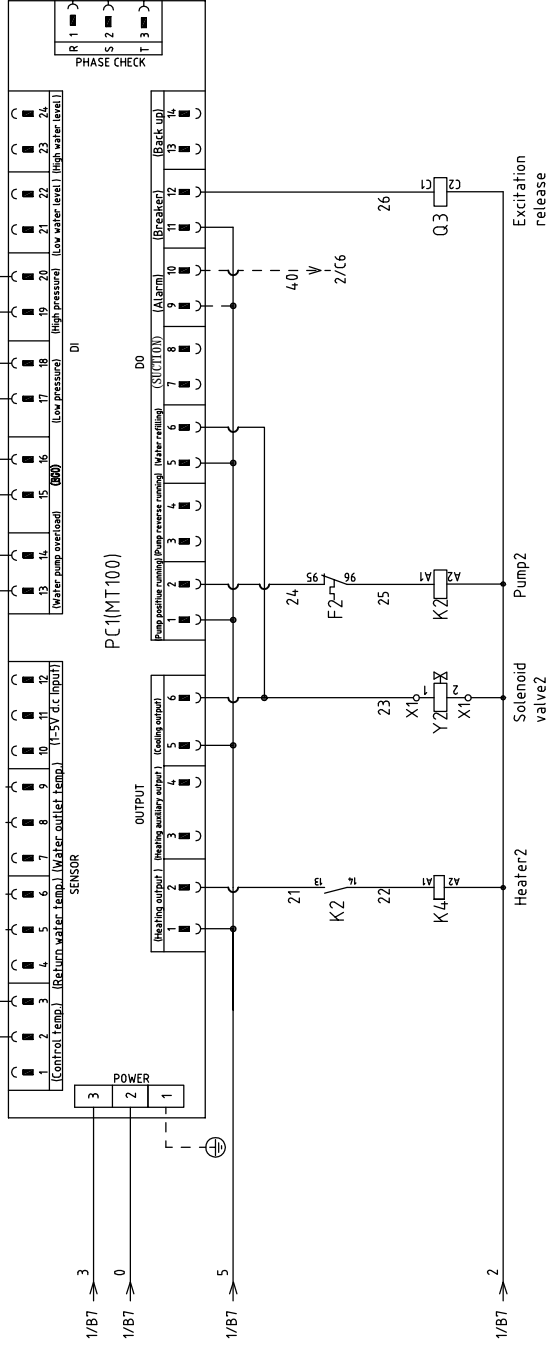
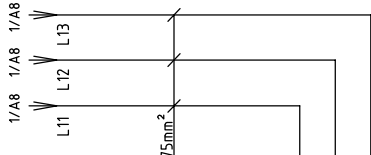


STM-607W-D	版本	Ver.D
STM-607MW-D	版本	Ver.B

Mark	Before modification	Modified by	Modify date	Checked by	Date	Approved by	Version	Drawer	Designer	Proofread by	
					20160720						
Title			Drawing NO.			Scale		Page		Pages	
Control Circuit Diagram 1			STM-607W-D			STM-607W-D-CE-400V-F-2		CE		Totally 7	
Voltage			Frequency			400V		50Hz			



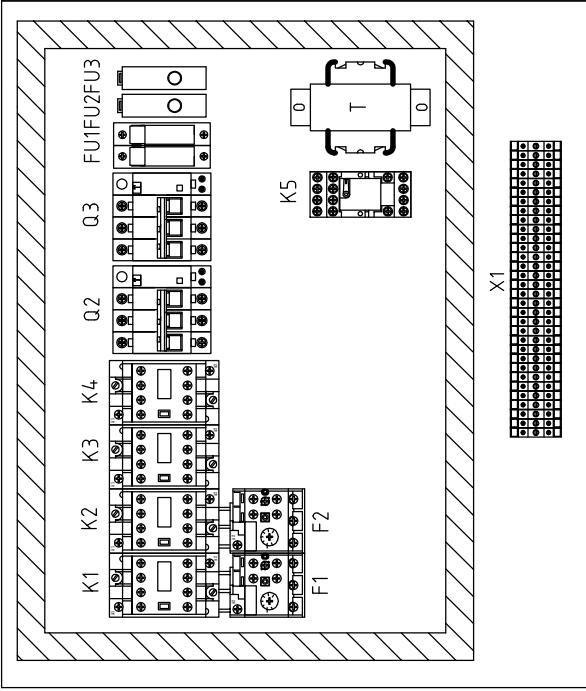
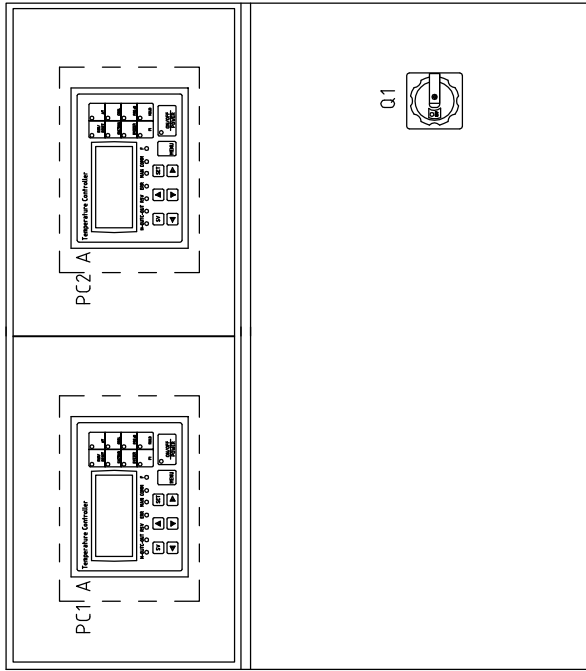
S11 Thermocouple1 (Option)  
 S12 Thermocouple2 (Option)  
 S13 Thermocouple3 (Option)



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

1	2	3	4	5	6	7	8
Title				Drawing NO			
STM-607W-D				STM-607W-D-CE-400V-F-3			
Control Circuit Diagram 2				Scale			
F				Standard			
Version				Voltage			
Approved by				Frequency			
Date				Page			
20160720				Totally			
Checked by				7			
Modified by				Pages			
After modification				4.00V			
Before modification				50Hz			
Mark				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



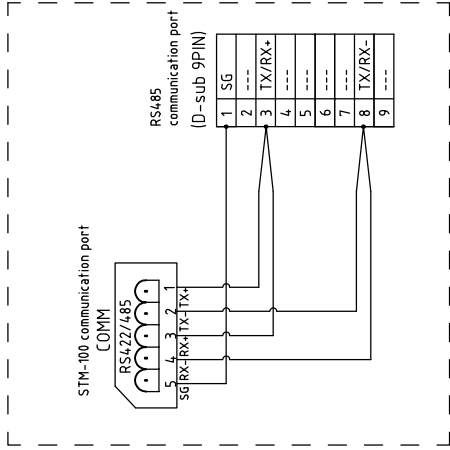
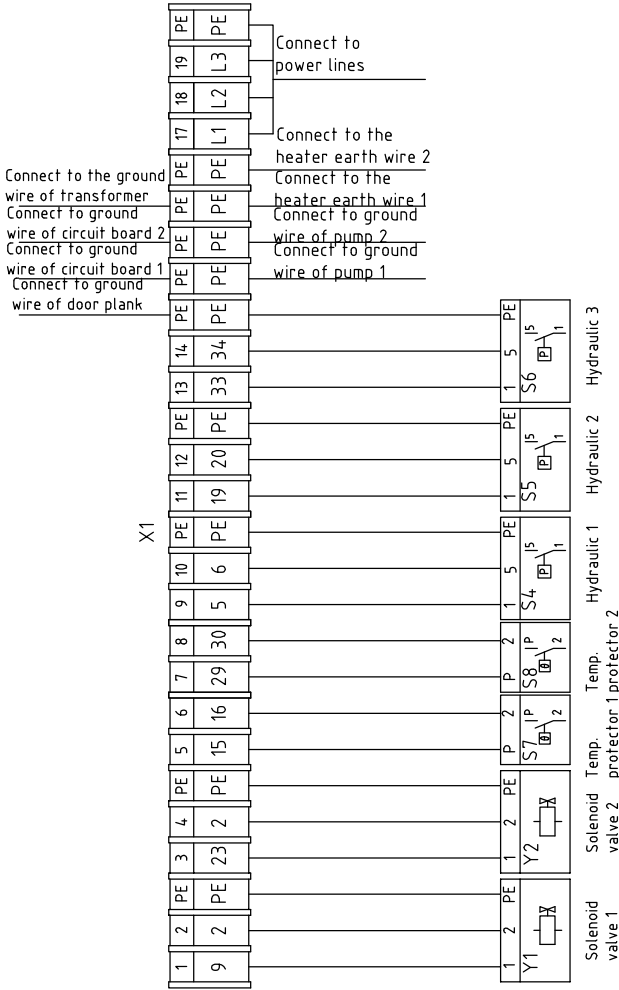
A B C D

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

Title		Drawing NO.		Page	
STM-607W-D		STM-607W-D-CE-400V-F-4		4	
Electrical Components Layout		Standard		CE	
Voltage		Frequency		4.00V	
50Hz		Voltage		Frequency	
Totally		Page		7	
7		4		8	
Version		Approved by		Date	
F		20160720		4	
Drawer		Designer		Proofread by	
Checked by		Modify date		After modification	
Mark		Before modification		1	

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

Technical requirements: (1) Positive (+) and negative (-) poles of thermocouple should be directly connected to thermocouple's input terminal of temperature controller. There is no need for them to go through the terminal board.  
 (2) Pump and pipe heater should be directly connected to the output terminals of contactor and thermal overload relay's output terminals of contactor and thermal overload relay.



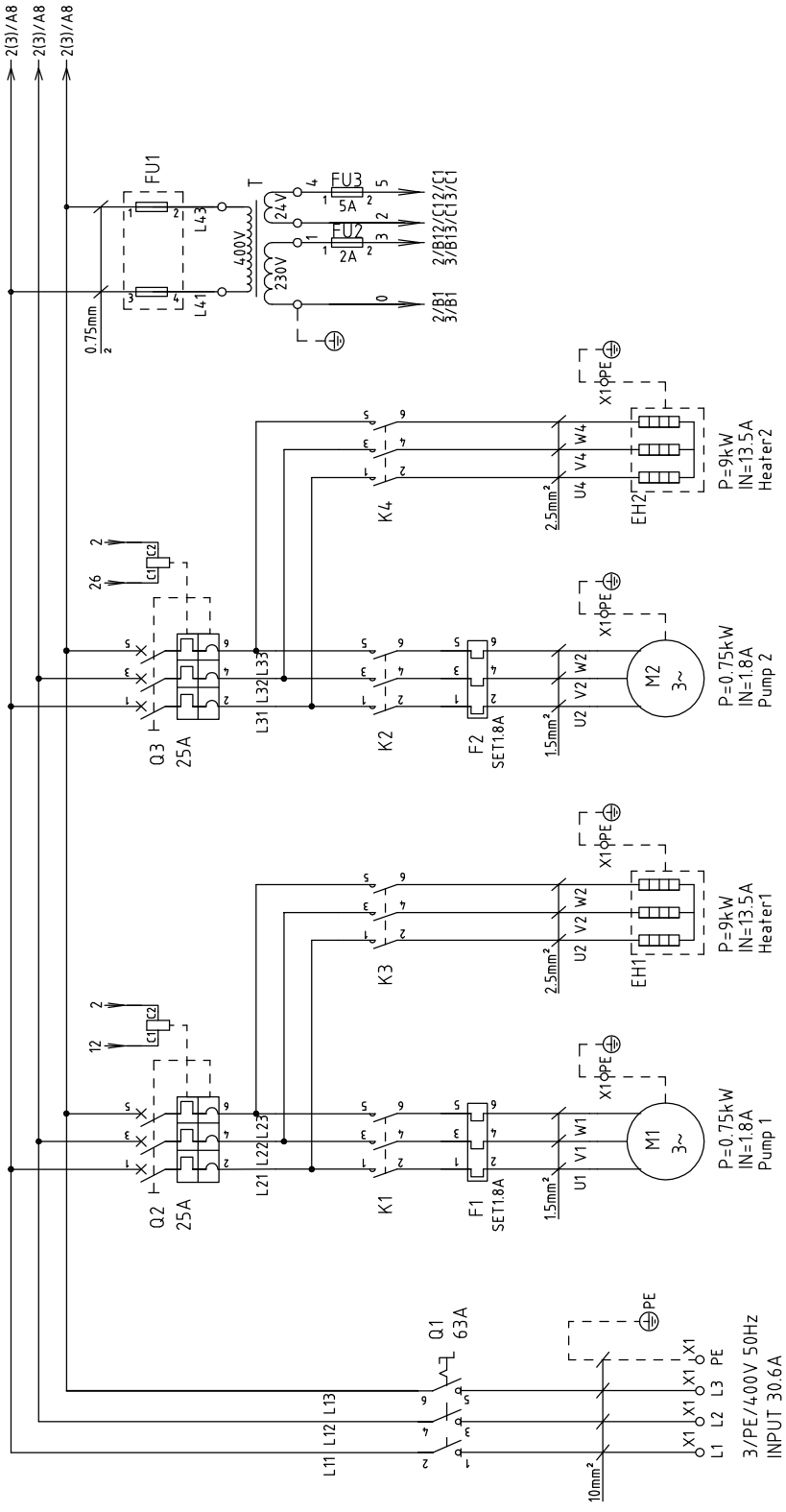
RS485 Communications wiring diagram  
 Note: this figure is only for reference which is no need of wiring.

STM-607W-D 版本 Ver.D		Drawing NO.		Scale	Page
STM-607MW-D 版本 Ver.B		Title		Standard	Totally
		STM-607W-D		CE	7
		Terminal Connection Diagram		Voltage	4.00V
		SHINI 信易塑料机械股份有限公司 Shini Plastics Technologies, Inc.		Frequency	50Hz
Mark		Version		F	
Before modification		Approved by		Date	
After modification		Checked by		20160720	
1		3		4	
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3		5		6	
4		6		7	
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94		96		97	
95		97		98	
96		98		99	
97		99		100	

1		2		3		4		5		6		7		8	
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark							
1	Q1	Main Switch	EATON	P1-32/EA/SVB	32A	1	YE1032320000								
2	Q2 Q3	Circuit Breakers	TECO	BM-63C	16A	2	YE40301603000								
3		Excitation Release	YECO	MX	24VAC	2	YE40024000000								
4	K1 K2	Contactors	SIEMENS	3RT6015-1AB01	24VAC	2	YE00601502500								
5	K1 K2	Contactors	SIEMENS	3RT6015-1AB01	24VAC	2	YE00601502500	(4)							
6	K3 K4	Contactors	SIEMENS	3RT6018-1AB01	24VAC	2	YE00601802500								
7	K5	Middle Relay	HONEYWELL	GR-2C-AC24V	24VAC	1	YE03022400300								
8	F1 F2	Thermo Overload Relays	SIEMENS	3RU6116-0KB0	0.9-1.25A	2	YE01160900000								
9	F1 F2	Thermo Overload Relays	SIEMENS	3RU6116-0KB0	0.9-1.25A	2	YE01160900000	(4)							
10	T	Transformer	BAIYUN	IN=400V OUT=24VAC/230V	120VA/350MA	1	YE70040005500								
11	FU1	Fuse Base	CHNT	RT18-32	32A 2P	1	YE41032200000								
12		Fuse Core	MRO	10×38 500V	2A	2	YE46002000100								
13	FU2 FU3	Fuse	YINDA	FS-10	----	3	YE41001000000								
14		Fuse Core	----	6×30/5A	5A	1	YE46630500100								
15	PC1 A PC2 A	Circuit Board	HANYOUNGX	STM100-21	180~430V 50/60Hz	2	YE81184300200								
16	H1	Buzzer	APT	AD16-30M/W	24VAC	1	YE84163000000	(2)							
17	S1 S11	Thermocouple	SHINI	----	----	2	----	(1)							
18	S2 S3 S12 S13	Thermocouple	SHINI	----	----	4	----	(1)(3)							
19	S7 S8	Overheat Protector	TONCEAO	----	----	2	----	(1)							
20	S4 S5 S6	Hydraulic Switch	FANSHEN	----	----	3	----	(1)							
21	Y1 Y2	Solenoid Valve	----	----	24VAC	2	----	(1)							
22	X1	Terminal Board	HONEYWELL	2.5mm <sup>2</sup>	----	14	YE60002503200								
23		Terminal Board	HONEYWELL	2.5mm <sup>2</sup> PE	----	9	YE60002503400								
24		Terminal Board	HONEYWELL	6.0mm <sup>2</sup>	----	3	YE60000603200								
STM-607W-D 版本		Notes: (1)Means it's not the material inside the control box.(2)Means it's equipped with buzzer.(3)Means equipped with function of displaying water outlet and return water temperature													
STM-607MW-D 版本		(4)Means equipped with magnetic pump.													
		D		F		Title		Drawing NO		Scale		Page		8	
		Version		Approved by		STM-607W-D		STM-607W-D-CE-400V-F-6		Standard		CE		Voltage	
		Designer		Proofread by		Electrical Components List 1				Voltage		4.00V		Frequency	
		Checked by		Date						Frequency		5.0Hz			
Mark		Before modification		After modification		20160720				Voltage		4.00V		Frequency	
1		3		4		5		6		7		8		8	







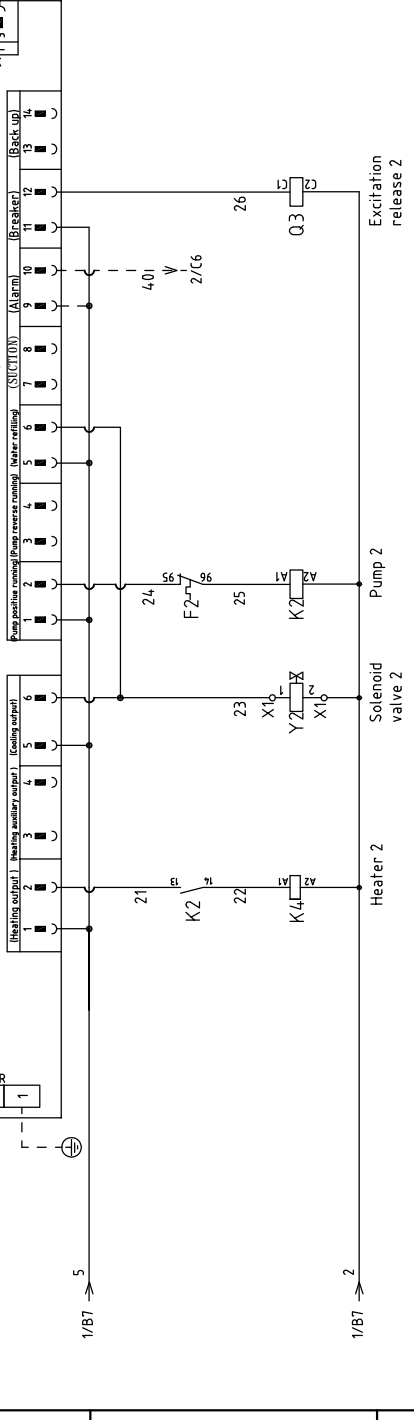
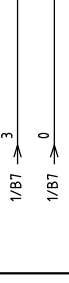
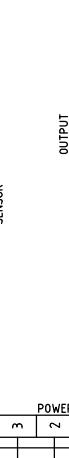
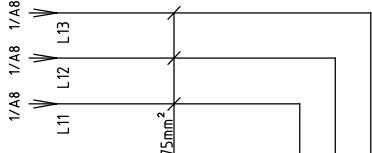
STM-910W-D	版本 Ver.D	When equipped with magnetic pump	F1:SET 1.8A	P=1.0KW	IN=1.8A	Page 1
STM-910MW-D	版本 Ver.B	When equipped with magnetic pump	F2:SET 1.8A	P=1.0KW	IN=1.8A	Totally 7
		Title		Drawing NO		Scale
		Version		STM-910W-D		Standard
		Designer		Main Circuit Diagram		CE
		Proofread by				Voltage
		Checked by		Date		Frequency
		Modified by		Date		400V
		Before modification		Date		50Hz
		Mark		Date		








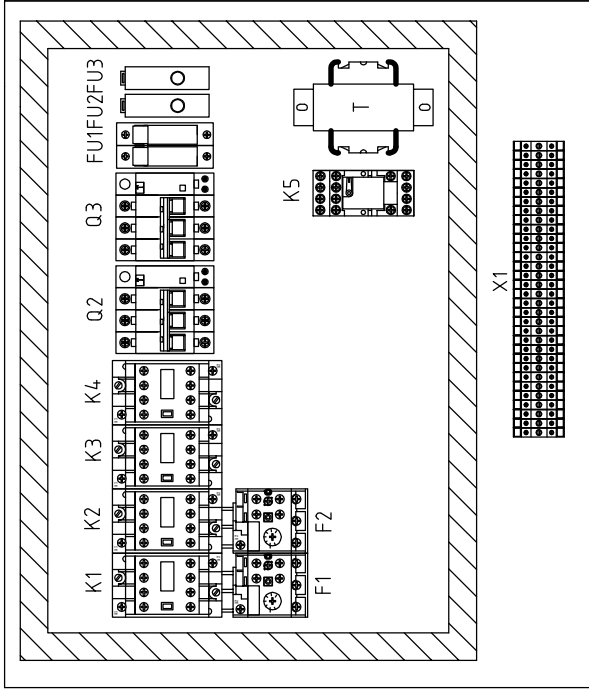
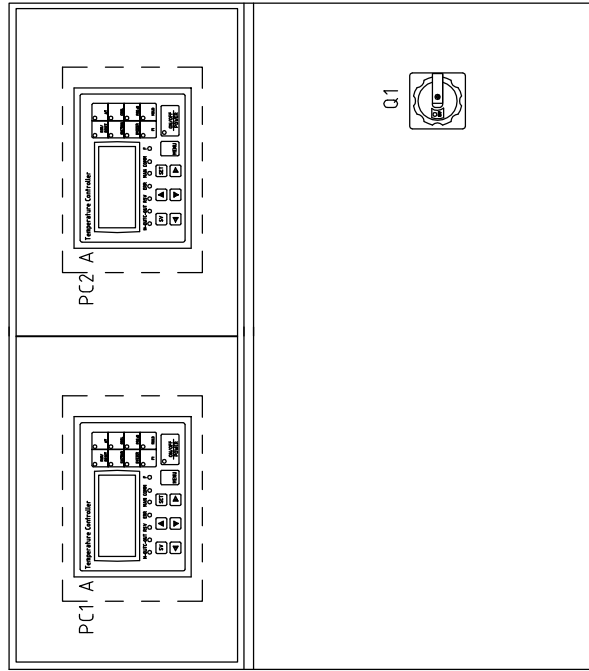
S11 Thermocouple1  
 S12 Thermocouple2  
 S13 Thermocouple3  
 (Option)



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

Drawing NO		STM-910W-D-CE-400V-F-3	
Title	STM-910W-D	Scale	Page 3
Control Circuit Diagram 2		Standard	Totally 7 Pages
Version	F	Voltage	4.00V
Designer		Frequency	50Hz
Proofread by		 信易塑料机械股份有限公司 Shini Plastics Technologies, Inc.	
Approved by			
Checked by	20160720		
Modified by			
Mark	Before modification		
	After modification		
1	2	3	4
5	6	7	8

1 2 3 4 5 6 7 8



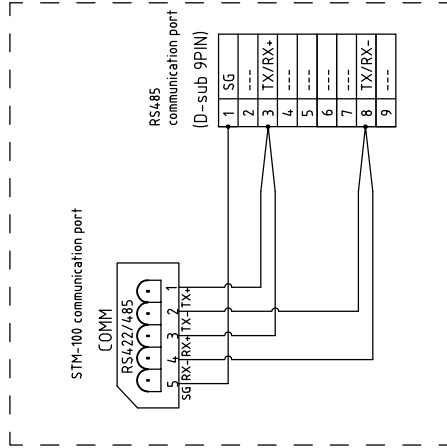
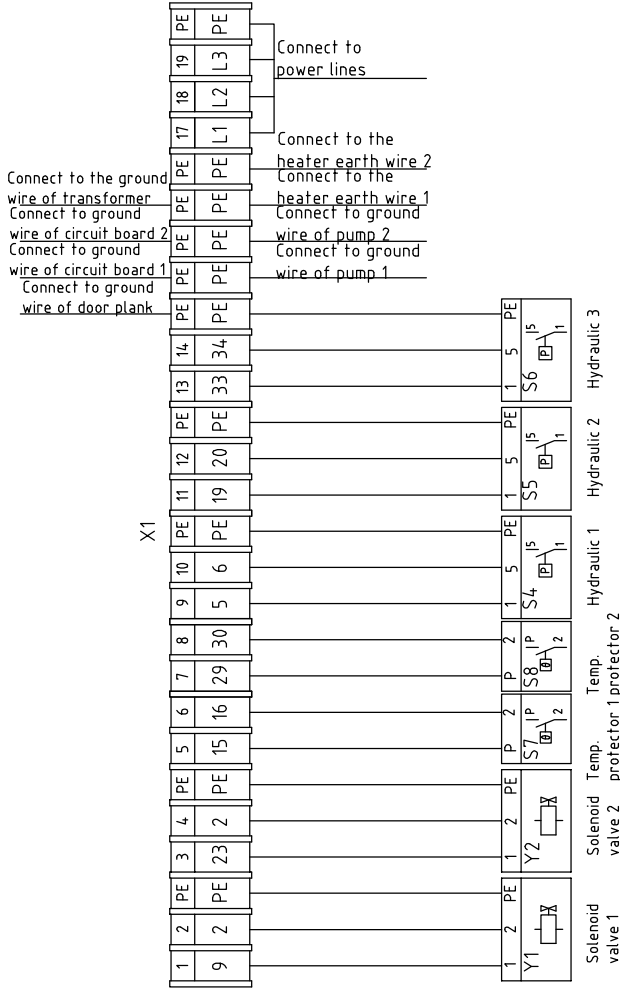
A B C D

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

Title		Drawing NO.		Scale	Page
STM-910W-D		STM-910W-D-CE-400V-F-4		Standard	4
Electrical Components Layout		CE		Voltage	
F		Version		Frequency	
Approved by		Designer		4.00V	
Date		Proofread by		5.0Hz	
20160720		Checked by		Totally	
Modify date		Modified by		7	
Mark		After modification		Pages	
1		2		Totally	
4		3		7	
5		6		Pages	
7		8		4.00V	
8		8		5.0Hz	

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Shini Plastics Technologies, Inc.


Technical requirements: (1) Positive (+) and negative (-) poles of thermocouple should be directly connected to thermocouple's input terminal of temperature controller. There is no need for them to go through the terminal board.  
 (2) Pump and pipe heater should be directly connected to the output terminals of contactor and thermal overload relay e output terminals of contactor and thermal overload relay.




RS485 Communications wiring diagram  
 Note: this figure is only for reference which is no need of wiring.

STM-910W-D 版本 Ver.D		Drawing NO.		Page 5	
STM-910MW-D 版本 Ver.B		Title		Scale	
		STM-910W-D		Standard	
		Terminal Connection Diagram		CE	
		Version		Voltage	
		Approved by		4.00V	
		Proofread by		Frequency	
		Checked by		5.0Hz	
		Modify date		Totally	
		Date		7	
Mark		Before modification		Pages	
		After modification		4.00V	
				5.0Hz	
				8	



1		2		3		4		5		6		7		8				
NO.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark										
1	Q1	Main Switch	EATON	P3-63/EA/SVB	63A	1	YE1063630000											
2	Q2 Q3	Circuit Breakers	TECO	BM-63C	25A	2	YE40302503000											
3		Excitation Release	TECO	MX	24VAC	2	YE40024000000											
4	K1 K2	Contactors	SIEMENS	3RT6015-1AB01	24VAC	2	YE00601502500											
5	K1 K2	Contactors	SIEMENS	3RT6015-1AB01	24VAC	2	YE00601502500	(4)										
6	K3 K4	Contactors	SIEMENS	3RT6025-1AC20	24VAC	2	YE00602502600											
7	K5	Middle Relay	HONEYWELL	GR-2C-AC24V	24VAC	1	YE03022400300											
8	F1 F2	Thermo Overload Relays	SIEMENS	3RU6116-1FCB0	18-2.5A	2	YE01160180000											
9	F1 F2	Thermo Overload Relays	SIEMENS	3RU6116-1FCB0	18-2.5A	2	YE01160180000	(4)										
10	T	Transformer	BAIYUN	IN=400V OUT=24VAC/230V	120VA/350MA	1	YE7004.0005500											
11	FU1	Fuse Base	CHNT	RT18-32	32A 2P	1	YE41032200000											
12		Fuse Core	MRO	10×38 500V	2A	2	YE46002000100											
13	FU2 FU3	Fuse	YINDA	FS-10	-----	2	YE41001000000											
14		Fuse Core	-----	6×30/5A	5A	1	YE46630500100											
15	PC1 A PC2 A	Circuit Board	HANYOUNGX	STM100-21	180~430V 50/60Hz	2	YE81184300200											
16	H1	Buzzer	APT	AD16-30M/W	24VAC	1	YE84163000000	(2)										
17	S1 S11	Thermocouple	SHINI	-----	-----	2	-----	(1)										
18	S2 S3 S12 S13	Thermocouple	SHINI	-----	-----	4	-----	(1)(3)										
19	S7 S8	Overheat Protector	TONCEAO	-----	-----	2	-----	(1)										
20	S4 S5 S6	Hydraulic Switch	FANSHEN	-----	-----	3	-----	(1)										
21	Y1 Y2	Solenoid Valve	-----	-----	24VAC	2	-----	(1)										
22	X1	Terminal Board	HONEYWELL	2.5mm <sup>2</sup>	-----	14	YE60002503200											
23		Terminal Board	HONEYWELL	2.5mm <sup>2</sup> PE	-----	9	YE60002503400											
24		Terminal Board	HONEYWELL	10.0mm <sup>2</sup>	-----	3	YE60001003200											
STM-910W-D 版本		Notes: (1)Means it's not the material inside the control box.(2)Means it's equipped with buzzer.(3)Means equipped with function of displaying water outlet and return water temperature																
STM-910MW-D 版本		(4)Means equipped with magnetic pump.																
		Drawer	Designer	Proofread by	Checked by	Modified by	Modify date	Version	F	Title	STM-910W-D	Drawing NO	STM-910W-D-CE-400V-F-6	Scale	CE	Page	6	
					Approved by					Electrical Components List 1				Standard	Voltage	Totally	7	Pages
															Frequency			4.00V
		Before modification	After modification				20160720			信易塑料机械股份有限公司 Shini Plastics Technologies, Inc.								5.0Hz
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							
25	M1 M2	Terminal Board	HONEYWELL	10.0mm <sup>2</sup> PE TP-75	----	1	YE60001003500								
26	M1 M2	Motor	SHINI	MP-100	400V 50Hz 0.75kW	2	----	(1)							
27	M1 M2	Motor	SHINI	MP-100	400V 50Hz 1.0kW	2	----	(1)(4)							
28	EH1 EH2	Heater	SHINI	9kW	400V 50Hz	2	----	(1)							
A															
B															
C															
D															
Notes: (1)Means it's not the material inside the control box.(2)Means it's equipped with buzzer.(3)Means equipped with function of displaying water outlet and return water temperature (4)Means equipped with magnetic pump.															
STM-910W-D		版本		Ver.D		Title		STM-910W-D		Drawing NO.		Scale		Page 7	
STM-910MW-D		版本		Ver.B		Electrical Components List 2		STM-910W-D-CE-400V-F-7		Standard		CE		Totally 7 Pages	
Mark		Before modification		After modification		Designer		Version		F		Voltage		4.00V	
						Proofread by		Approved by				Frequency		50Hz	
		Modified by		Modify date		Checked by		Date		20160720					
 <b>SHINI</b> 信易塑料机械股份有限公司 Shini Plastics Technologies, Inc.															
1 2 3 4 5 6 7 8															