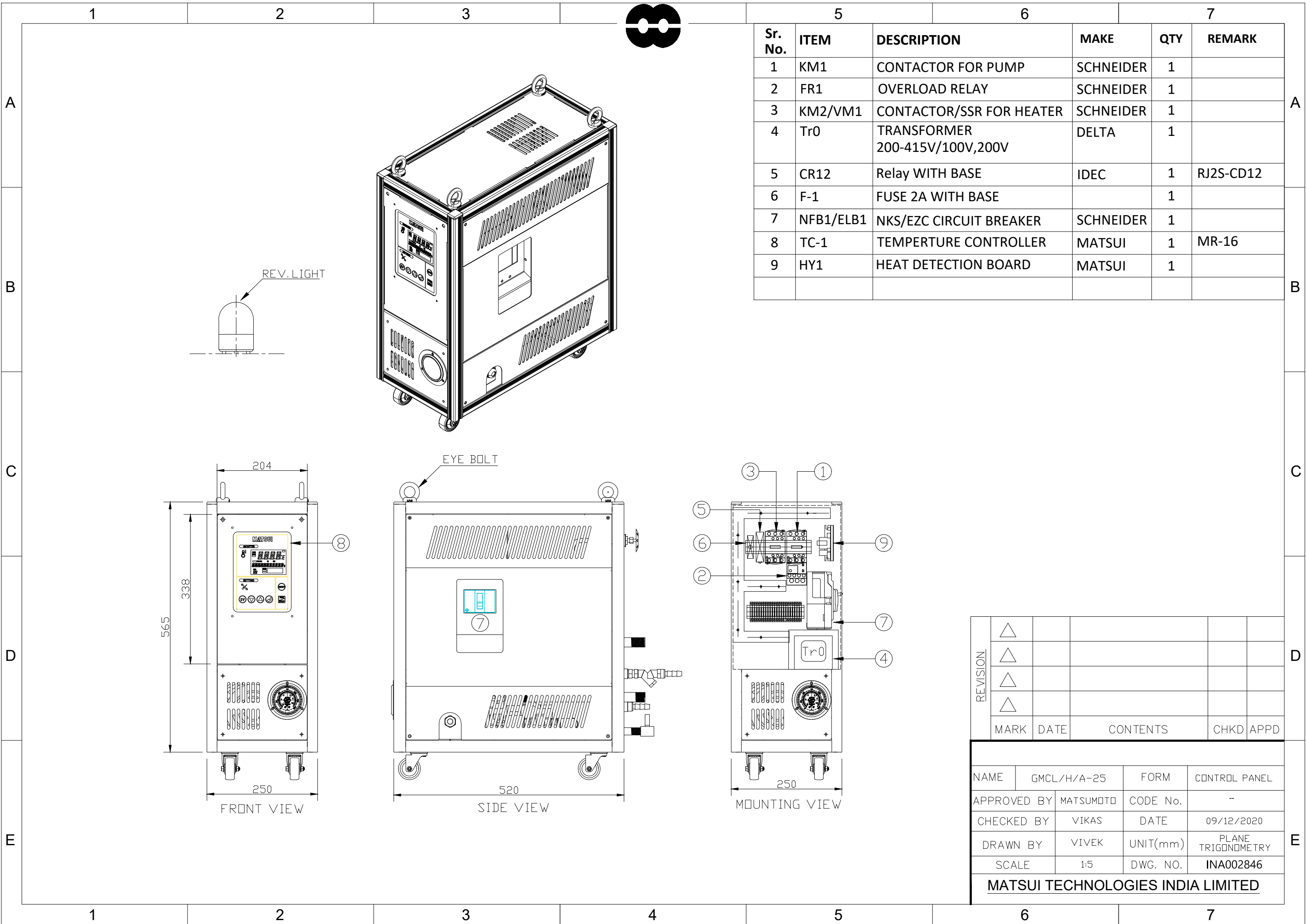
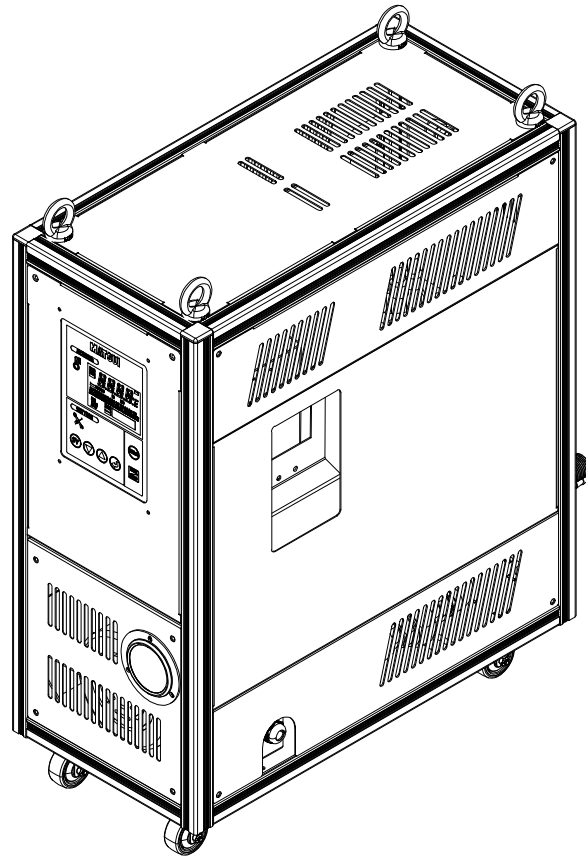


CUSTOMER NAME				OB NO.	ITEM NO.	Design Confirmation		APPROVED BY	CHECKED BY	PERSON IN CHARGE
Matsui Technologies India Limited				OB000000000				MATSUMOTO	VIKAS	VIVEK
HISTRY				AP:						
				PIC:						
				AP:						
				PIC:						
						STANDARD	DELIVERY TIME	INSTRUCTION MANUAL		
PAINTING	M	1. AN-80	2. SPECIFICATION ATTACHED	3. COLOR NO.	RAL-7035 (TEXTURE)		FINISH AND DRAWING STANDARD			
	E	1. AN-80	2. SPECIFICATION ATTACHED	3. COLOR NO.	RAL-7035 (TEXTURE)		UNLESS OTHERWISE SPECIFIED IN THE DRAWING, MST-536 MACHINING STANDARD. MST-541 DRAWING REGULATION AND 241-003/503 PRODUCT INSPECTION PROCEDURE (STANDARD) SHALL APPLY. IF THEY ARE INSUFFICIENT, THE JIS STANDARD SHALL APPLY. CONTENT OF VERIFICATION CHECKLIST SHALL APPLY FOR DYNAMIC CHECK.			
MODEL CODE			NAME	MOLD TEMP. CONTROLLER		Date				
DRAWING NO.		INA002846		MODEL	GMCL/H/A - 25/55/88 MCLX/HX - 200/350	11.12.20				
DESIGNER		M SANDEEP	E VIKAS	APPROVAL MATSUMOTO	POWER-AC200/380/400/415-50Hz, AC200/220/440-60Hz OPERATION.- AC200V / 100V					
NOTED SPECIFICATION		ELECTRICAL								

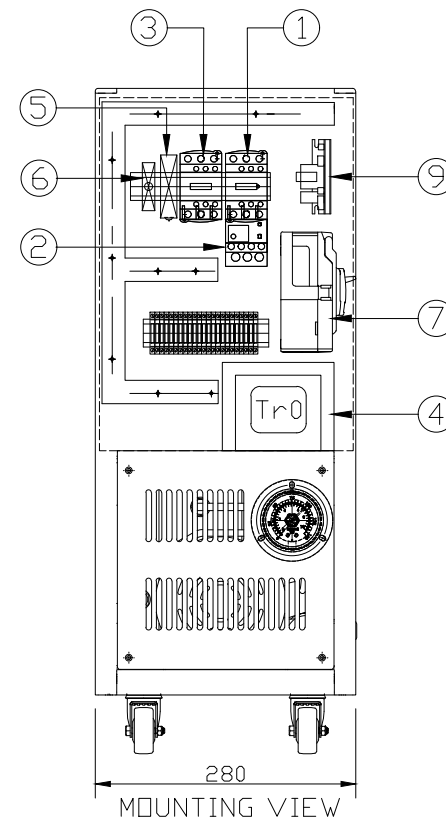
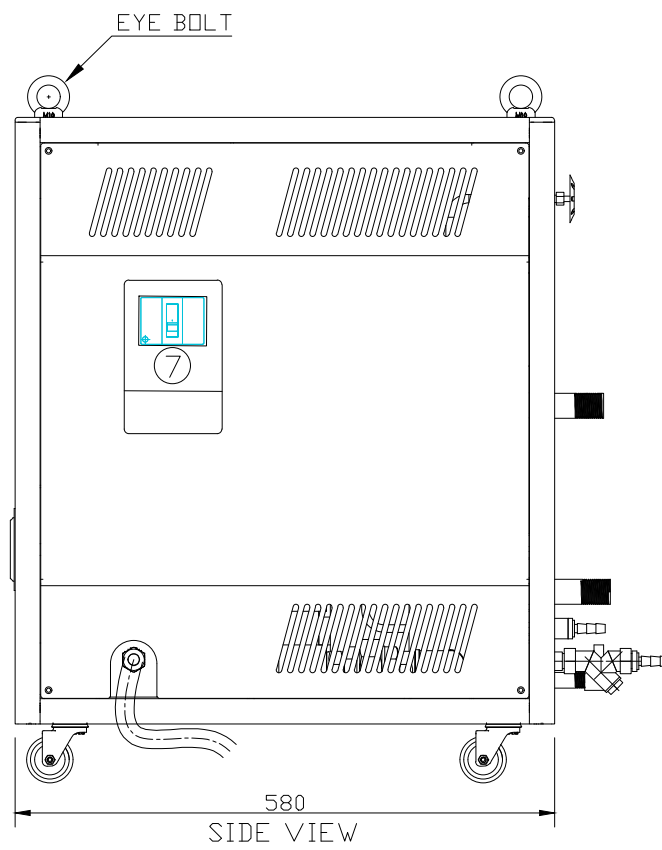
DRAWING NO.	SIZE	MODEL CODE	MODEL	NAME	LOT	QTY	REMARK	REV
INA002846	A3		MTC	CONTROL PANEL	1	1	GMCL/H/A - 25	
INA002845	A3		MTC	CONTROL PANEL	1	1	GMCL/H/A - 55/88	
INA002893	A3		MTC	CONTROL PANEL	1	1	MCLX/HX - 200/350	
INA002859	A3		MTC	SPECIFICATION SHEET	1	1	GMCL/H/A - 25/55/88 MCLX/HX - 200/350	
INA001433	A3		MTC	POWER DIAGRAM-1	1	1	GMCL/H/A - 25/55/88 MCLX/HX - 200/350	
INA001434	A3		MTC	CIRCUIT DIAGRAM-1	1	1	GMCL/H/A - 25/55/88 MCLX/HX - 200/350	
INA001435	A3		MTC	CIRCUIT DIAGRAM-2 (MR-16-CT)	1	1	GMCL/H/A - 25/55/88 MCLX/HX - 200/350	
D10918	A3		MTC	OPERATIONAL CIRCUIT DIAGRAM-3	1	1	GMCL/H/A - 25/55/88 MCLX/HX - 200/350	
INA002453	A3		MTC	CIRCUIT DIAGRAM-4 (AUTO AIR PURGE)	1	1	GMCL/H/A - 25/55/88 MCLX/HX - 200/350	



REVISION	△				
	△				
	△				
	△				
	△				
MARK	DATE	CONTENTS		CHKD	APPD
NAME	GMCL/H/A-25		FORM	CONTROL PANEL	
APPROVED BY	MATSUMOTO	CODE No.	-		
CHECKED BY	VIKAS	DATE	09/12/2020		
DRAWN BY	VIVEK	UNIT(mm)	PLANE TRIGONOMETRY		
SCALE	1:5	DWG. NO.	INA002846		
<u>MATSUI TECHNOLOGIES INDIA LIMITED</u>					



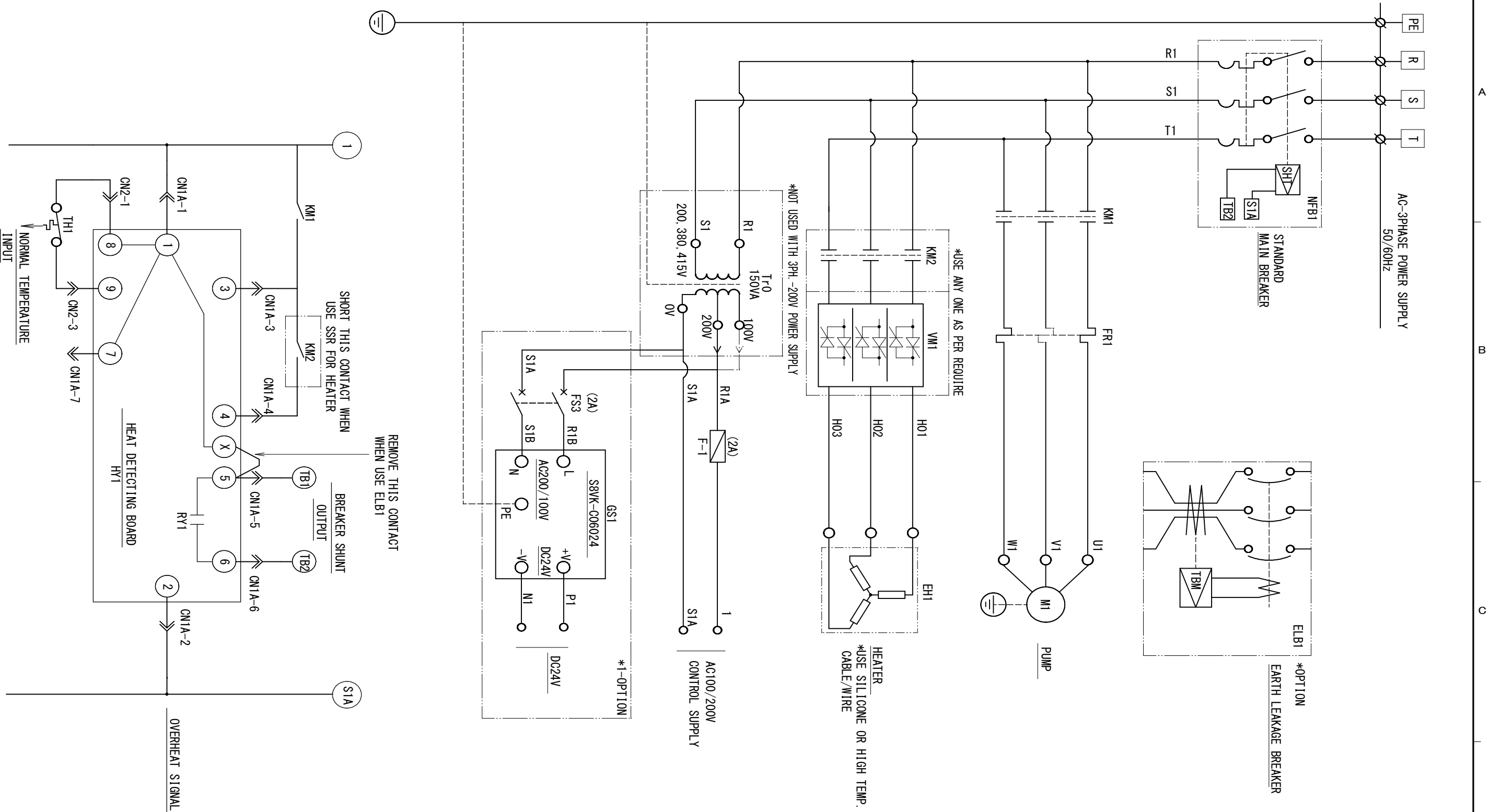
REV. LIGHT



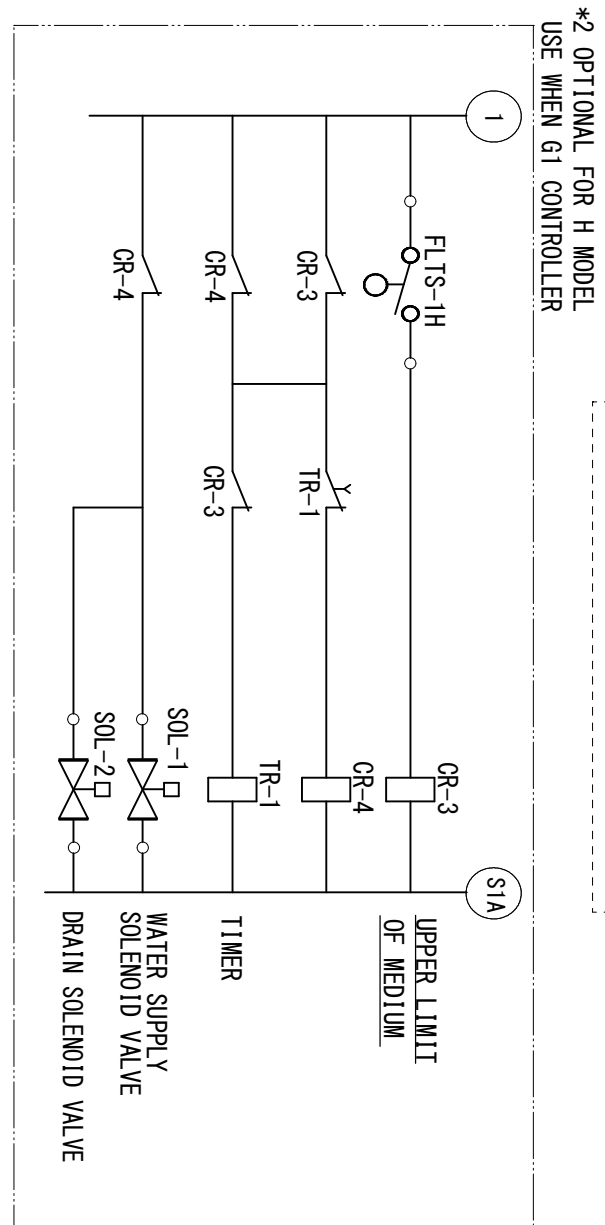
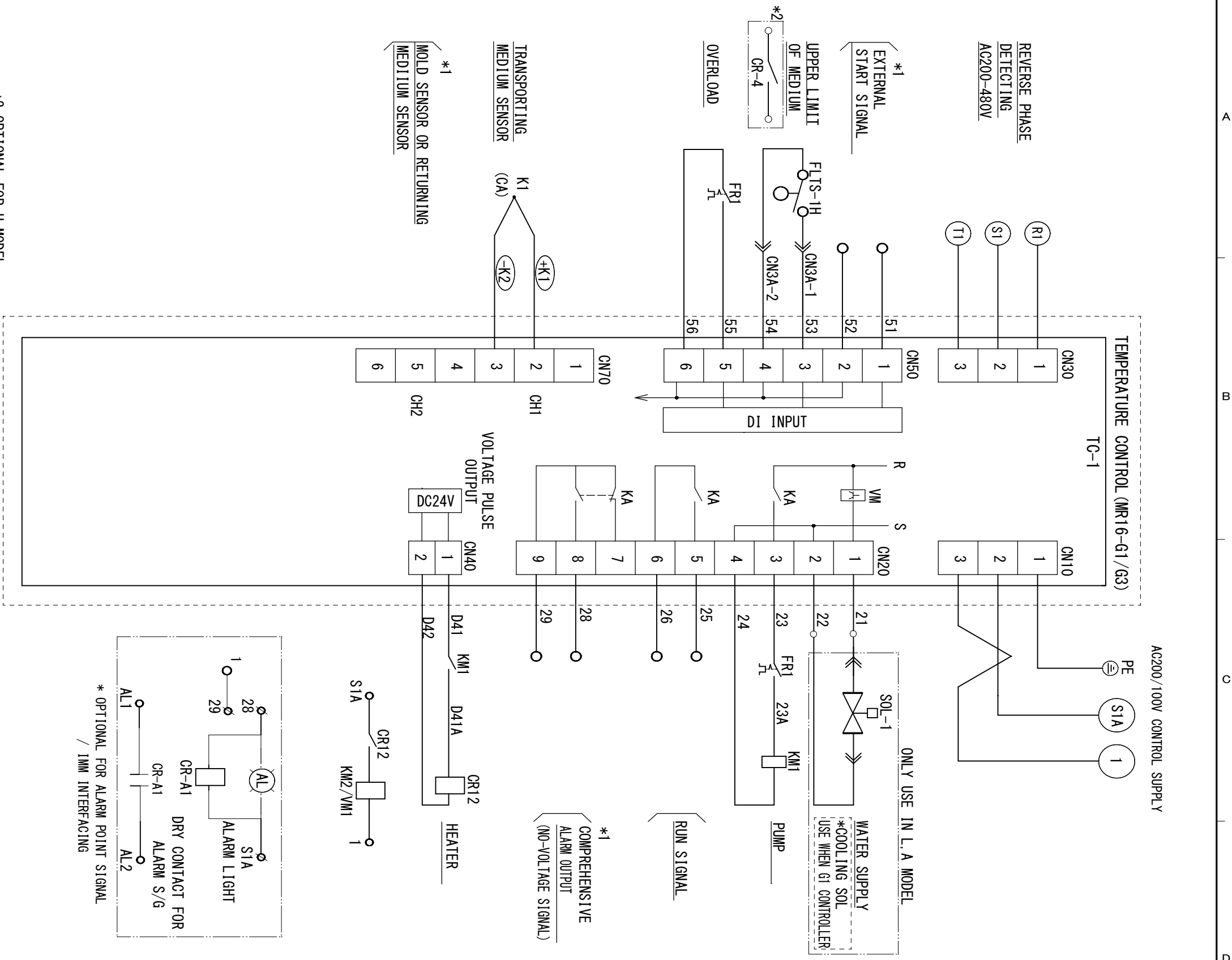
NAME	GMCL/H/A-55/88	FORM	CONTROL PANEL
APPROVED BY	MATSUMOTO	CODE No.	--
CHECKED BY	VIKAS	DATE	09/12/2020
DRAWN BY	VIVEK	UNIT(mm)	PLANE TRIGONOMETRY
SCALE	1:5	DWG. NO.	INA002845
<u>MATSUI TECHNOLOGIES INDIA LIMITED</u>			

1		2		3		4		5		6		7									
MOLD TEMP. CONTROLLER																					
A	MODEL	POWER (V) 3Φ	PUMP (KW)	HEATE R (KW)	KVA	CIRCUIT BREA KE R	PUMP		HEATER		MODEL	POWER (V) 3Φ	PUMP (KW)	HEATER (KW)	KVA	CIRCUIT BREA KE R	PUMP		HEATER		
							GMCL/H/A - 25	KM1	FR1	KM2							VM1	KM1	FR1	KM2	VM1
B	MODEL	POWER (V) 3Φ	PUMP (KW)	HEATE R (KW)	KVA	CIRCUIT BREA KE R	PUMP		HEATER		MODEL	POWER (V) 3Φ	PUMP (KW)	HEATER (KW)	KVA	CIRCUIT BREA KE R	PUMP		HEATER		
							MCLX/HX - 200	KM1	FR1	KM2							VM1	KM1	FR1	KM2	VM1
C	MODEL	POWER (V) 3Φ	PUMP (KW)	HEATE R (KW)	KVA	CIRCUIT BREA KE R	PUMP		HEATER		MODEL	POWER (V) 3Φ	PUMP (KW)	HEATER (KW)	KVA	CIRCUIT BREA KE R	PUMP		HEATER		
							GMCL/H/A - 55	KM1	FR1	KM2							VM1	KM1	FR1	KM2	VM1
D	MODEL	POWER (V) 3Φ	PUMP (KW)	HEATE R (KW)	KVA	CIRCUIT BREA KE R	PUMP		HEATER		MODEL	POWER (V) 3Φ	PUMP (KW)	HEATER (KW)	KVA	CIRCUIT BREA KE R	PUMP		HEATER		
							MCLX/HX - 350	KM1	FR1	KM2							VM1	KM1	FR1	KM2	VM1
E	MODEL	POWER (V) 3Φ	PUMP (KW)	HEATE R (KW)	KVA	CIRCUIT BREA KE R	PUMP		HEATER		MODEL	POWER (V) 3Φ	PUMP (KW)	HEATER (KW)	KVA	CIRCUIT BREA KE R	PUMP		HEATER		
							GMCL/H/A - 88	KM1	FR1	KM2							VM1	KM1	FR1	KM2	VM1

REVISION						
	MARK	DATE	CONTENTS		CHKD	APPD
NAME	GMCL/H/A-25/55/88 MCLX/HX-200/350			FORM	SPECIFICATION SHEET	
APPROVED BY		MATSUMOTO		CODE No.	--	
CHECKED BY		VIKAS		DATE	10/12/2020	
DRAWN BY		VIVEK		UNIT(mm)	PLANE TRIGONOMETRY	
SCALE		1:6		DWG. NO.	INA002859	
MATSUI TECHNOLOGIES INDIA LIMITED						



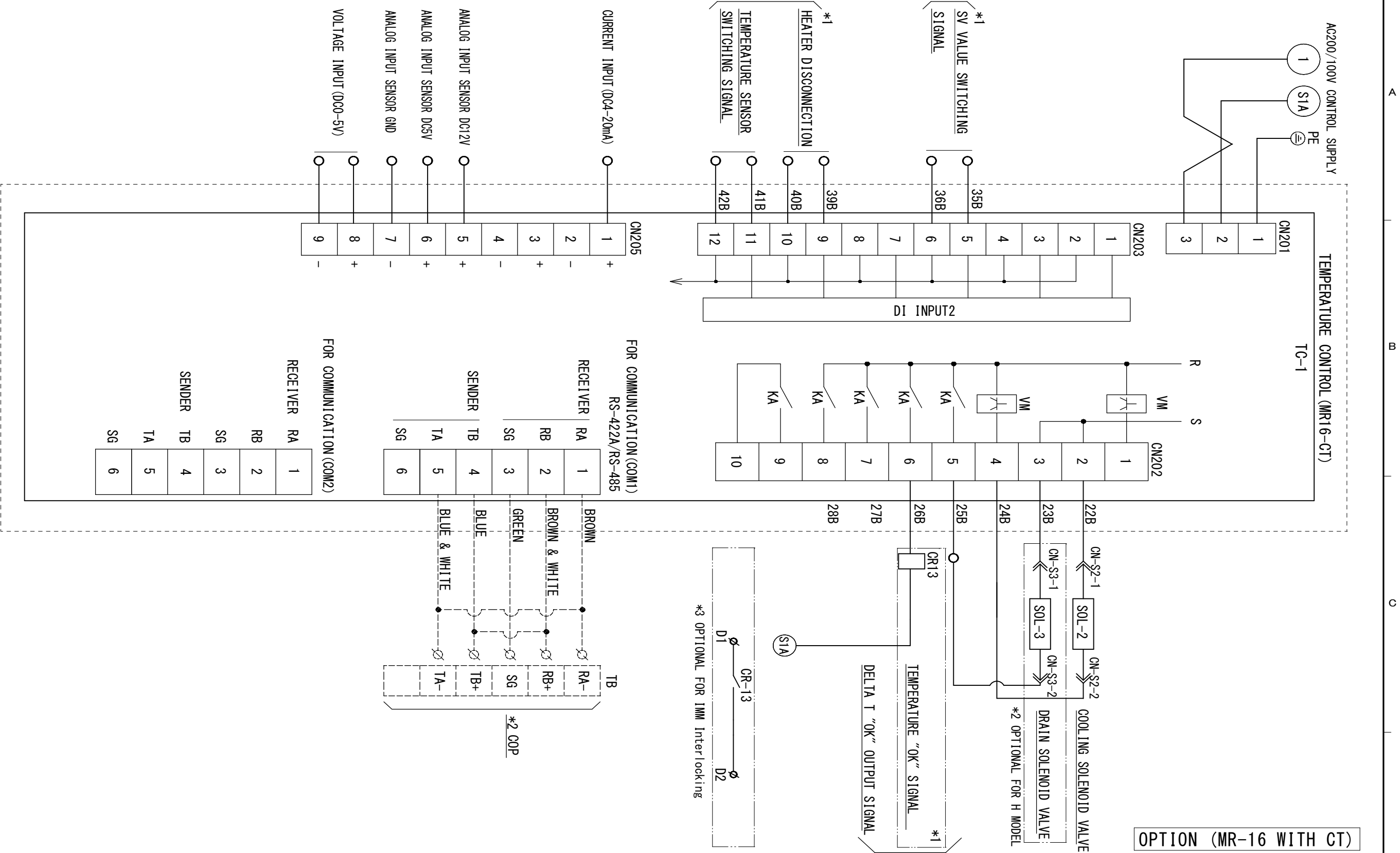
REVISION				Matsui Technologies India Limited			
△	△	△	△	NAME	POWER DIAGRAM 1	DWG. NO.	INA001433
△	△	△	△	FORM	GMCL/H/A-25/55/88 MCLX/HX-200/350	DATE	28/05/2020
△	△	△	△	DATE	28/05/2020	UNIT mm	PLANE TRIGONOMETRY
△	△	△	△	DRAWN BY	VIVEK	CHKD	APPD
△	△	△	△	DATE		CONTENTS	
△	△	△	△	SCALE	Not	CODE NO.	
△	△	△	△	APPROVED BY	MATSUMOTO	FORM	
△	△	△	△	DSGND (CHKD) BY	VIKAS	DATE	
△	△	△	△	DRAWN BY	VIVEK	UNIT mm	PLANE TRIGONOMETRY



*3 IN THE CASE OF ELECTRODE CONNECT THE SIGNAL LINE FROM THE DETECTING BOARD.

*4 USABLE ONLY WHEN MR16-CT SELECTION.

REVISION						SCALE	Not	CODE NO.																																																													
						APPROVED BY		MATSUMOTO	FORM	GMCL/H/A-25/55/88 MCLX/HX-200/350																																																											
						DSGND (CHKD) BY		VIKAS	DATE	28/05/2020																																																											
						DRAWN BY		VIVEK	UNIT mm	PLANE TRIGONOMETRY																																																											
	MARK	DATE	CONTENTS			CHKD	APPD																																																														
1														2														3														4														5													



OPTION (MR-16 WITH CT)

INA001435

DWG.
NO.

CIRCUIT DIAGRAM 2

NAME

Matsui Technologies India Limited

GMCL/H/A-25/55/88
MCLX/HX-200/350

28/05/2020

PLANE
TRIGONOMETRY

UNIT mm

DRAWN BY
VIVEK

DSGND (CHKD) BY
VIKAS

APPROVED BY
MATSUMOTO

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

SCALE

Not

CODE NO.

Not

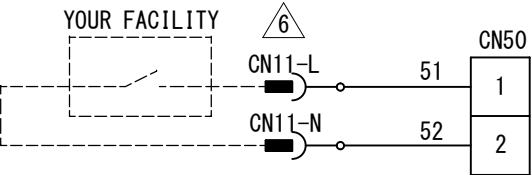
SCALE

Not

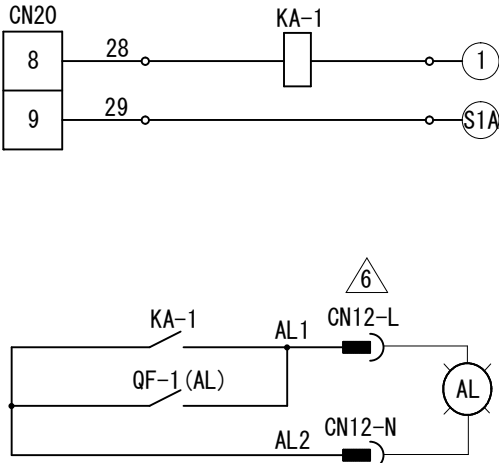
CODE NO.

Not

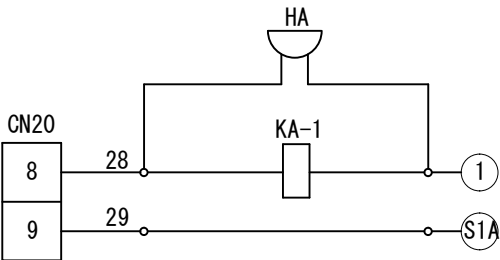
EXTERNAL START-STOP



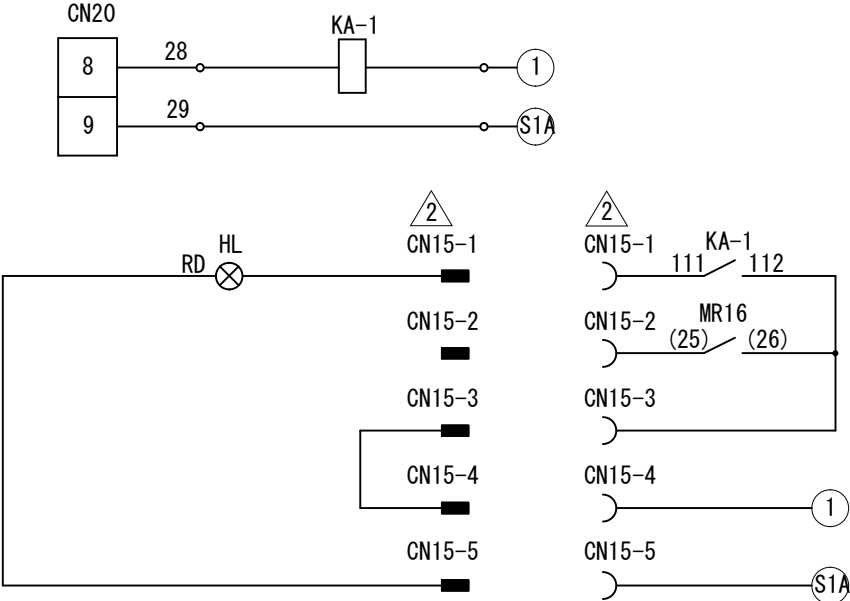
EXTERNAL GENERAL ALARM



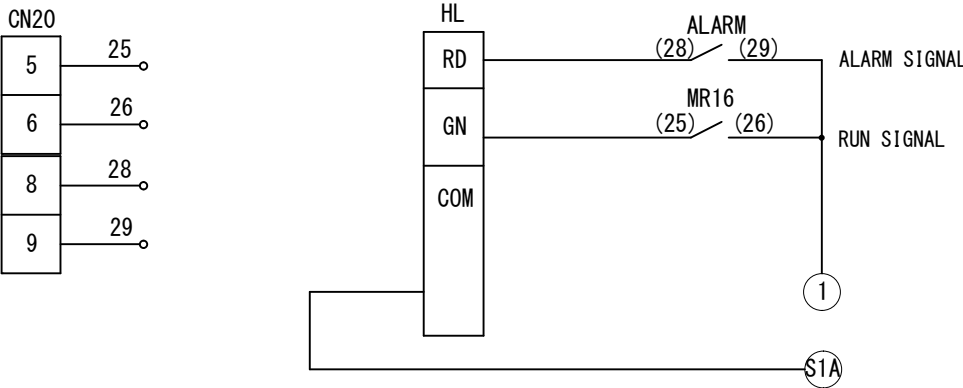
ALARM BUZZER



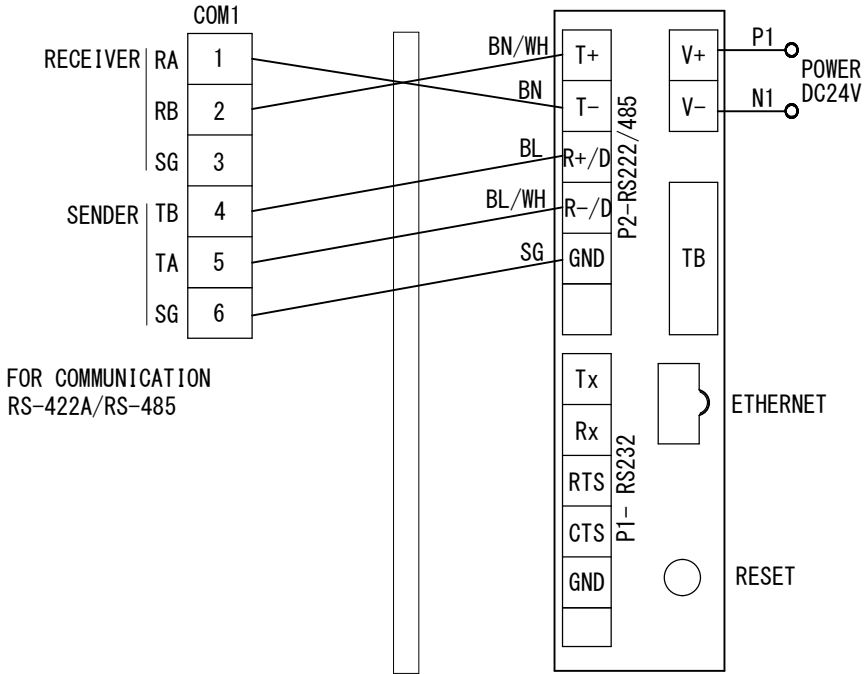
ROTATING LAMP



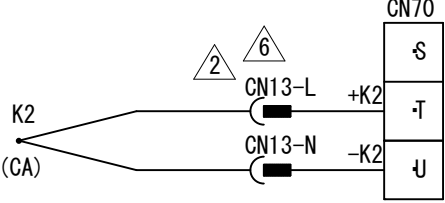
2 STAG LIGHT FOR RUN & ALARM INDICATION



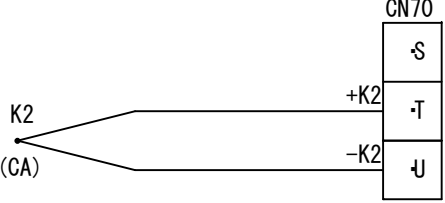
NPORT 5230 WITH ADAPTER MOXA MAKE



MOLD SENSOR

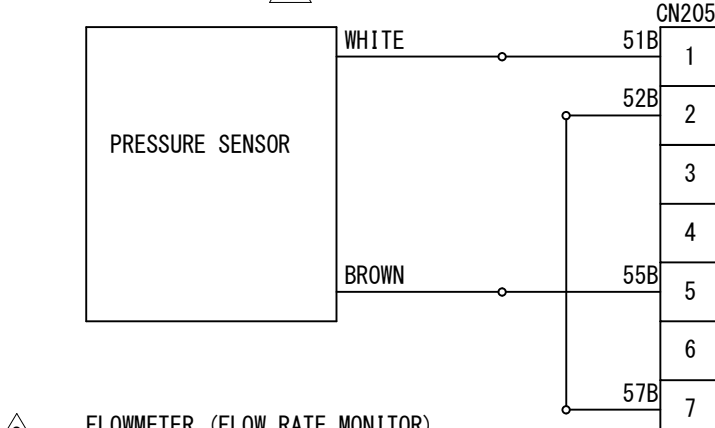


RETURNING MEDIUM SENSOR

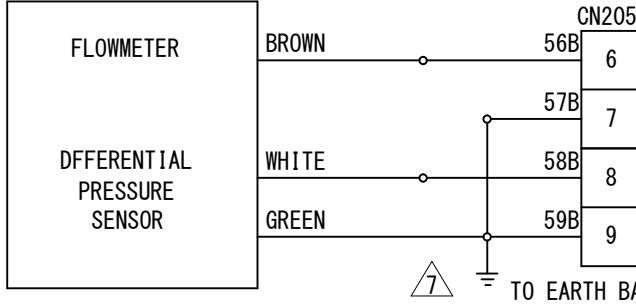


SENSOR MOUNTING IS ONLY ONE OR THE OTHER.
USABLE ONLY WHEN MR16-CT SELECTION.

PRESSURE SENSOR

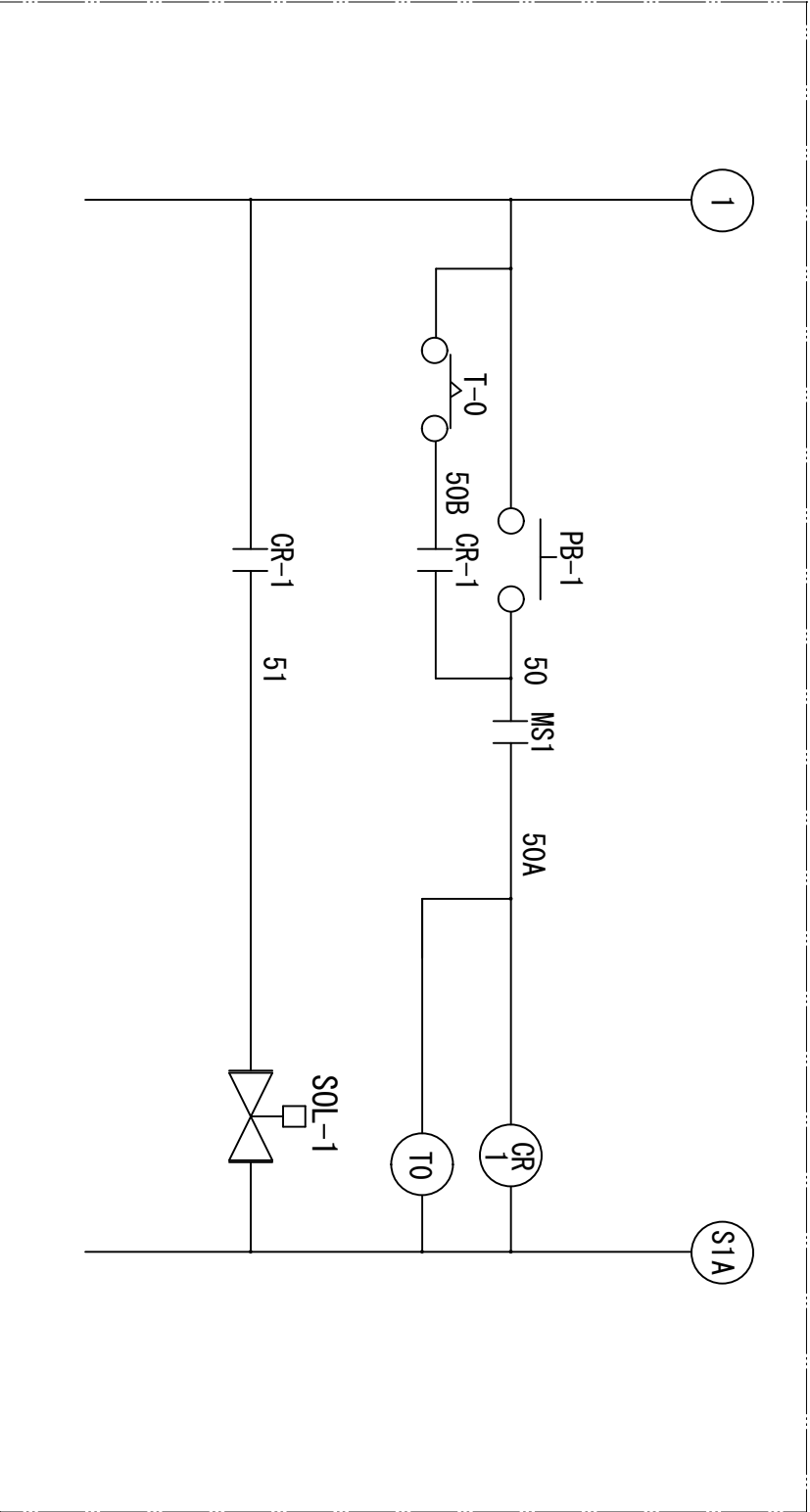


FLOWMETER (FLOW RATE MONITOR)



- 4 USABLE ONLY WHEN MR16-CT SELECTION.
- 5 MC-25/55/88 USE FLOW METER, MC5-200/350/450 USE DIFFERENTIAL PRESSURE SENSOR

REVISION	7	JULY/25/2019	EARTH CONNECTION INSTRUCTION ADDED (FLOW METER OP) ARAKI	NOMURA	METSUGI
	6	JUNE/05/2019	CORRECT THE CONNECTOR WIRE NUMBER ERROR ARAKI	NOMURA	METSUGI
	5	FEB/06/2018	ADD FLOWRATE MONITOR OP/COMMENTS CHANGE ARAKI	NOMURA	METSUGI
	4	MAY /31/2017	ADD NOTE MIYAZAKI	ARAKI	METSUGI
	MARK	DATE	CONTENTS	CHKD	APPD
NAME		OPERATION CIRCUIT DIAGRAM 3		FORM	GMCL/H/A-25/55/88 MCLX/HX-200/350
APPROVED BY		METSUGI	CODE NO.		
DSGND (CHKD) BY		ARAKI	DATE	MAY /13/2016	
DRAWN BY		MIYAZAKI	UNIT mm	PLANE TRIGONOMETRY	
SCALE		-[	DWG. NO.	D10918	
MATSUI MFG. CO., LTD.					



REVISION						SCALE		CODE NO.		
						APPROVED BY		MATSUMOTO	FORM	GMCL/H/A-25/55/88 MCLX/HX-200/350
						DSGND (CHKD) BY		VIKAS	DATE	01/10/2020
						DRAWN BY		ABHINAV	UNIT mm	PLANE TRIGONOMETRY
MARK	DATE	CONTENTS	CHKD	APPD						

1

2

3

4

5