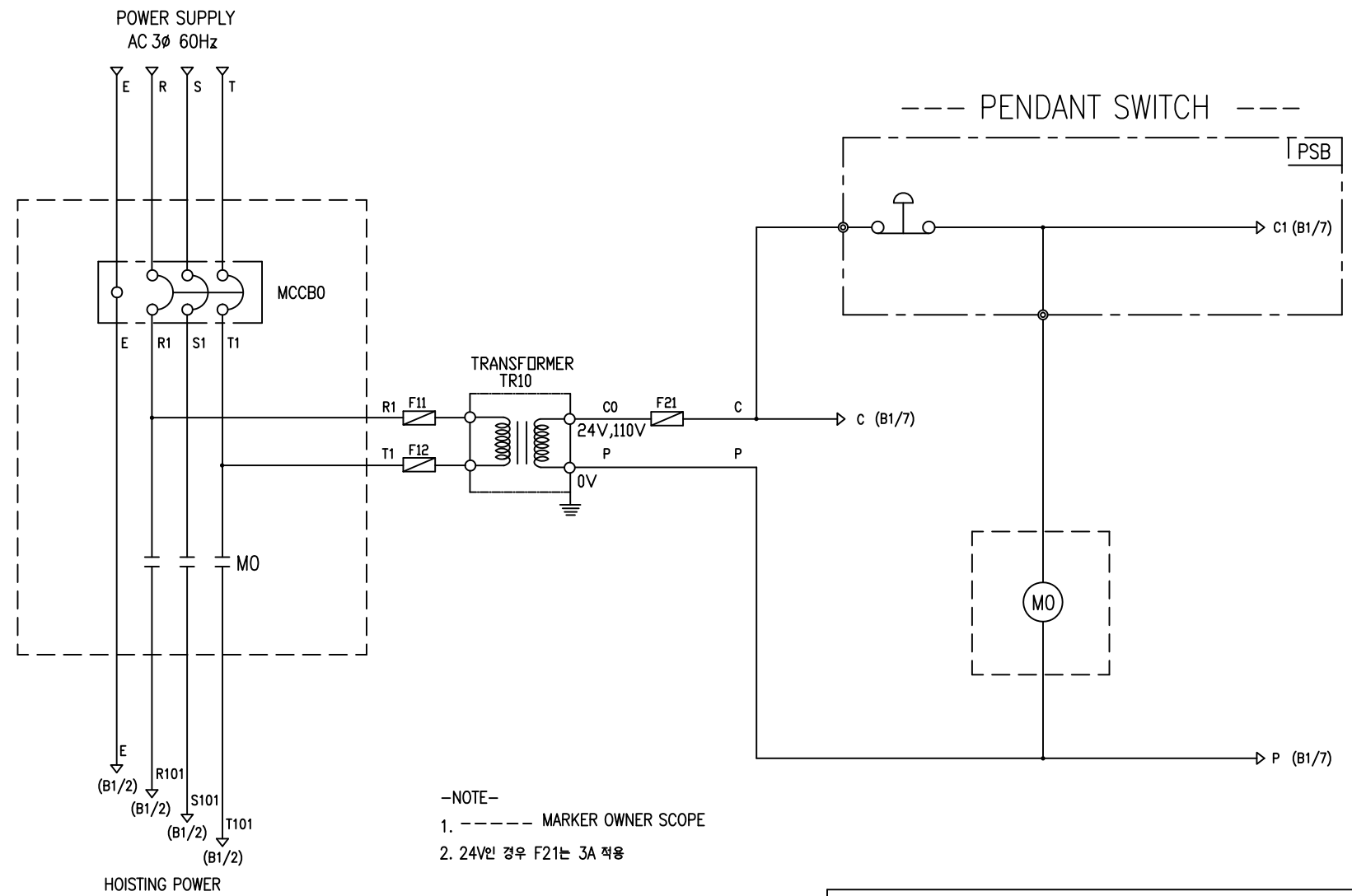


POWER CIRCUIT

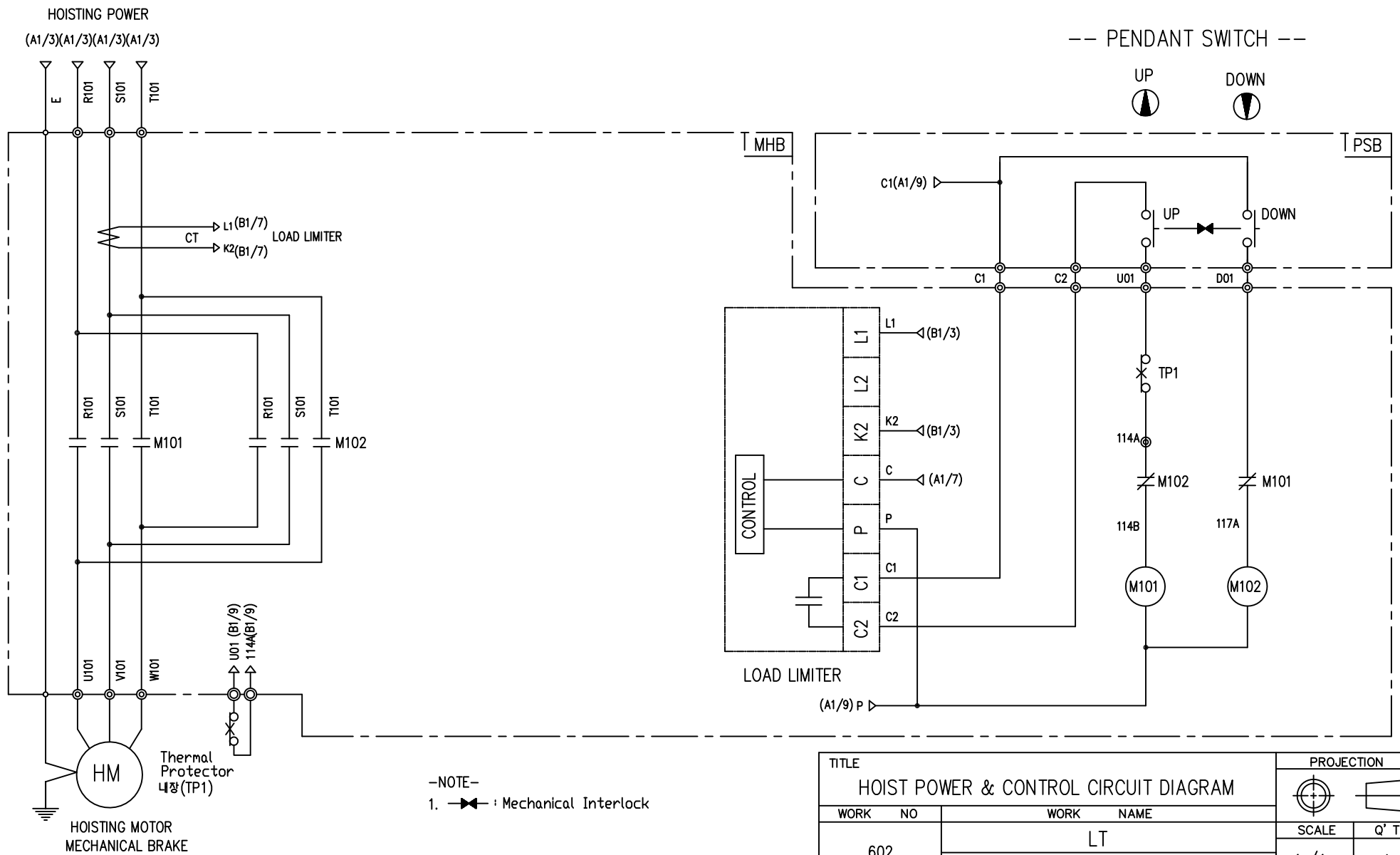
CONTROL CIRCUIT



-NOTE-
 1. ----- MARKER OWNER SCOPE
 2. 24V인 경우 F21는 3A 적용

SPECIFICATION	NO FUSE BREAKER	MAGNET CONTACT		TRANSFORMER	FUSE
SYMBOLS	MCCBO	MO		TR10	F11, F12, F21
DESCRIPTION	220V	20A	GMC18	DMC18	30VA
	380V	10A			
	440V	10A			
	460V	10A			
	480V	10A			
MAKER	LS	LS	DONGA	LK	-

TITLE MAIN POWER & CONTROL CIRCUIT DIAGRAM						PROJECTION 	
WORK NO 601		WORK NAME LT				SCALE 1/1	Q' TY 1
DRAWN LEE.G.H	CHECKED	REVIEWED	APPROVED	DRAWING NO	LT		
2010.07.20				CODE NO			
L K HOIST CO., LTD.							



-NOTE-

1. : Mechanical Interlock

TITLE						PROJECTION	
HOIST POWER & CONTROL CIRCUIT DIAGRAM							
WORK NO		WORK NAME				SCALE	
602		LT				1/1	
220V, 380V, 440V, 460V, 480V						Q' TY	
1							
DRAWN	CHECKED	REVIEWED	APPROVED	MODEL	LT		
LEE.G.H					CODE NO		
2010.07.20							

SPECIFICATION	MAGNET CONTACT	LOAD LIMITER	Thermal Protector	HOIST MOTOR	
SYMBOLS	M101, M102	-	TP1	HM	
DESCRIPTION	GMC12 DMC12	LKDL-501	17AM032	1.8Kw * 4P	1.2Kw * 6P
MAKER	LS DONGA	LK	Texas Instruments	LK	

SCHEDULE OF TECHNICAL DATA

1. SERVICE	HOISTING
2. MANUFACTURE	LK HOIST CO. LTD
3. MOTOR MODEL NO	1.8 - 4 - 22
4. RATED POWER	1.8 KW × 4 P
5. RATED VOLTAGE AND FREQUENCY	220 V 60HZ
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. RATING	30 MIN
8. LOCATION	IN-DOOR , OUTDOOR
9. INSULATION CLASS	B
10. DESIGN TEMPERATURE RISE (BY RESISTANCE)	80℃
11. FULL LOAD SPEED	1720 RPM
12. FULL LOAD CURRENT	8.5 A
13. STARTING CURRENT AT RATED VOLTAGE	42.8 A
14. MINIMUM STARTING VOLTAGE	198 V
15. EFFICIENCY AT 100% RATED LOAD	69.5 %
16. POWER FACTOR AT 100% RATED LOAD	66.7 %
17. STARTING TORQUE	242 %
18. TYPE OF ENCLOSURE	전폐형
19. TYPE OF BEARING	PL : 6008DD OPL : 6207ZZ
20. MOUNTING	VERTICAL
21. MAXIMUM AMBIENT TEMPURE	40℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE

SCHEDULE OF TECHNICAL DATA

1. SERVICE	HOISTING
2. MANUFACTURE	LK HOIST CO. LTD
3. MOTOR MODEL NO	1.2 - 6 - 22
4. RATED POWER	1.2 KW × 6 P
5. RATED VOLTAGE AND FREQUENCY	220 V 60HZ
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. RATING	30 MIN
8. LOCATION	IN-DOOR , OUTDOOR
9. INSULATION CLASS	B
10. DESIGN TEMPERATURE RISE (BY RESISTANCE)	80℃
11. FULL LOAD SPEED	1150 RPM
12. FULL LOAD CURRENT	8.9 A
13. STARTING CURRENT AT RATED VOLTAGE	44.5 A
14. MINIMUM STARTING VOLTAGE	198 V
15. EFFICIENCY AT 100% RATED LOAD	67.9 %
16. POWER FACTOR AT 100% RATED LOAD	65 %
17. STARTING TORQUE	242 %
18. TYPE OF ENCLOSURE	전폐형
19. TYPE OF BEARING	PL : 6008DD OPL : 6207ZZ
20. MOUNTING	VERTICAL
21. MAXIMUM AMBIENT TEMPURE	40℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE