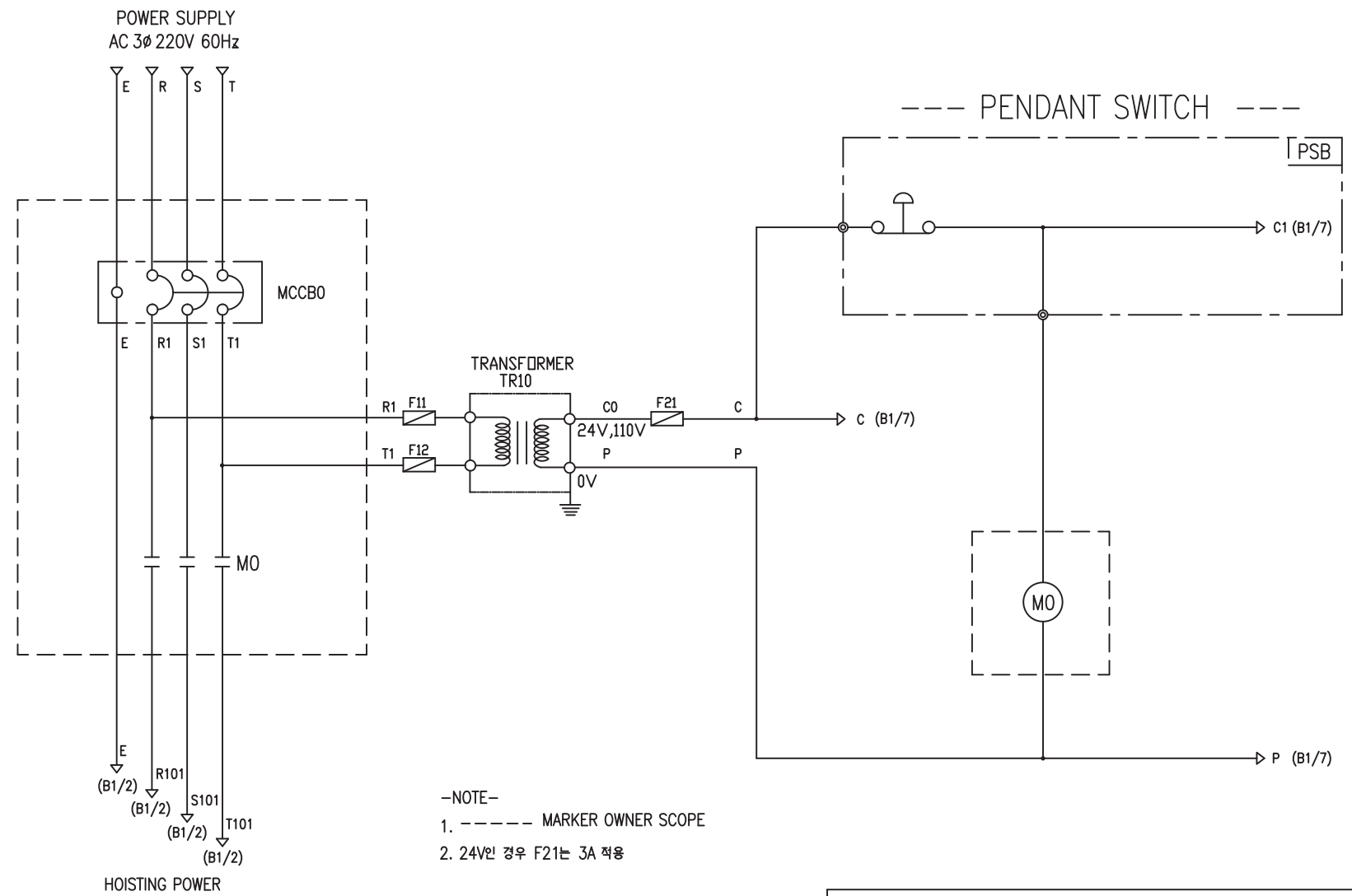


POWER CIRCUIT

CONTROL CIRCUIT

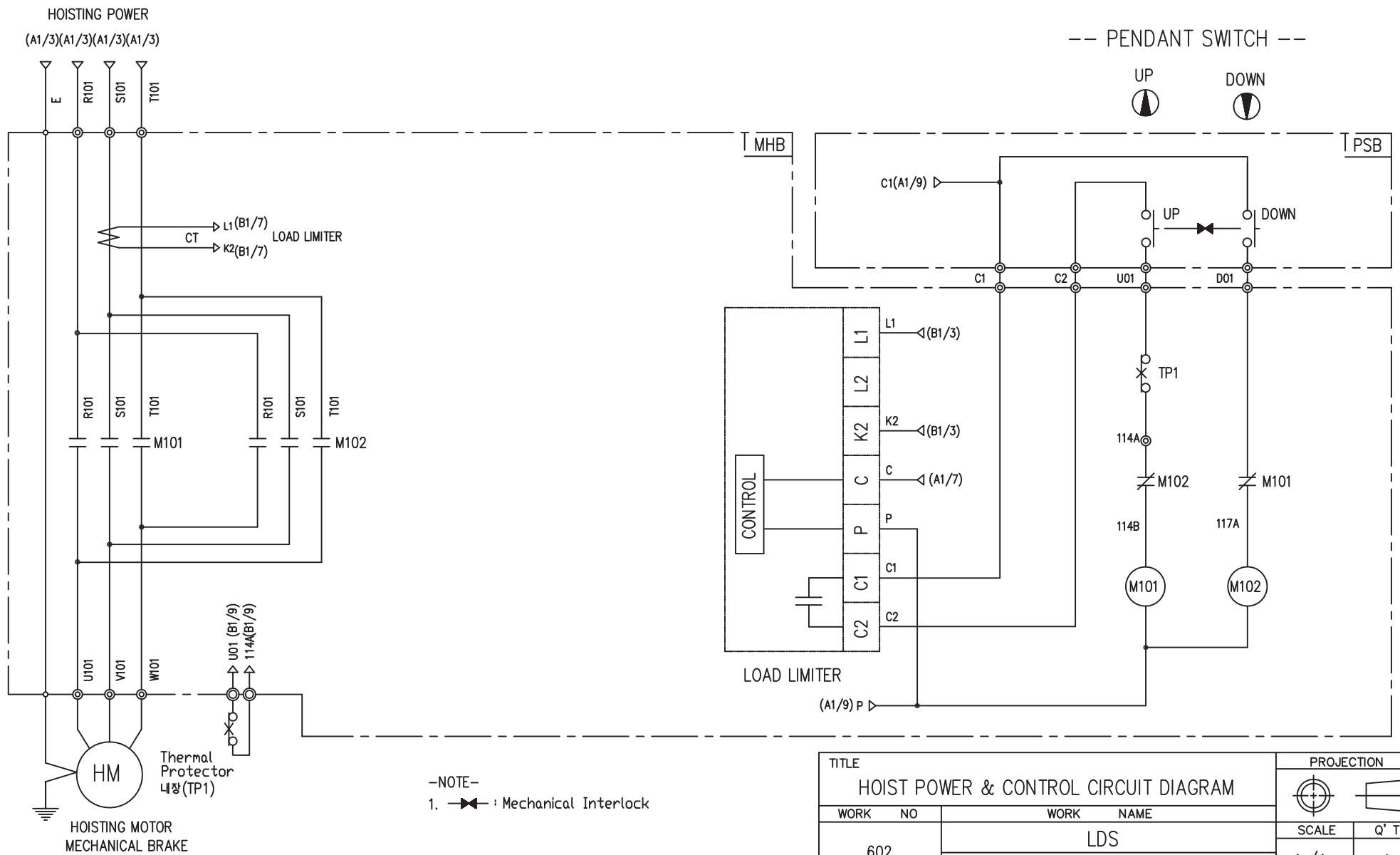


-NOTE-

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

SPECIFICATION	NO FUSE BREAKER	MAGNET CONTACT		TRANSFORMER	FUSE
SYMBOLS	MCCB0	M0		TR10	F11, F12, F21
DESCRIPTION	220V	20A	GMC18	DMC18	30VA
	380V	10A			
	440V	10A			
	460V	10A			
	480V	10A			
MAKER	LS	LS	DONGA	LK	-

TITLE						PROJECTION	
MAIN POWER & CONTROL CIRCUIT DIAGRAM							
WORK NO	WORK NAME					SCALE	Q' TY
601	LDS					1/1	1
220V, 380V, 440V, 460V, 480V							
DRAWN	CHECKED	REVIEWED	APPROVED	DRAWING NO	LDS		
LEE.G.H				CODE NO			
2010.07.20							
<b>L K HOIST CO., LTD.</b>							



-NOTE-  
1. : Mechanical Interlock

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

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 - 46
4. RATED POWER	1.8 KW × 4 P
5. RATED VOLTAGE AND FREQUENCY	460 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	4.1 A
13. STARTING CURRENT AT RATED VOLTAGE	20.2 A
14. MINIMUM STARTING VOLTAGE	397 V
15. EFFICIENCY AT 100% RATED LOAD	69.2 %
16. POWER FACTOR AT 100% RATED LOAD	67.3 %
17. STARTING TORQUE	246 %
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 - 46
4. RATED POWER	1.2 KW × 6 P
5. RATED VOLTAGE AND FREQUENCY	460 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	4.3 A
13. STARTING CURRENT AT RATED VOLTAGE	20.8 A
14. MINIMUM STARTING VOLTAGE	419 V
15. EFFICIENCY AT 100% RATED LOAD	68.5 %
16. POWER FACTOR AT 100% RATED LOAD	63.9 %
17. STARTING TORQUE	246 %
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