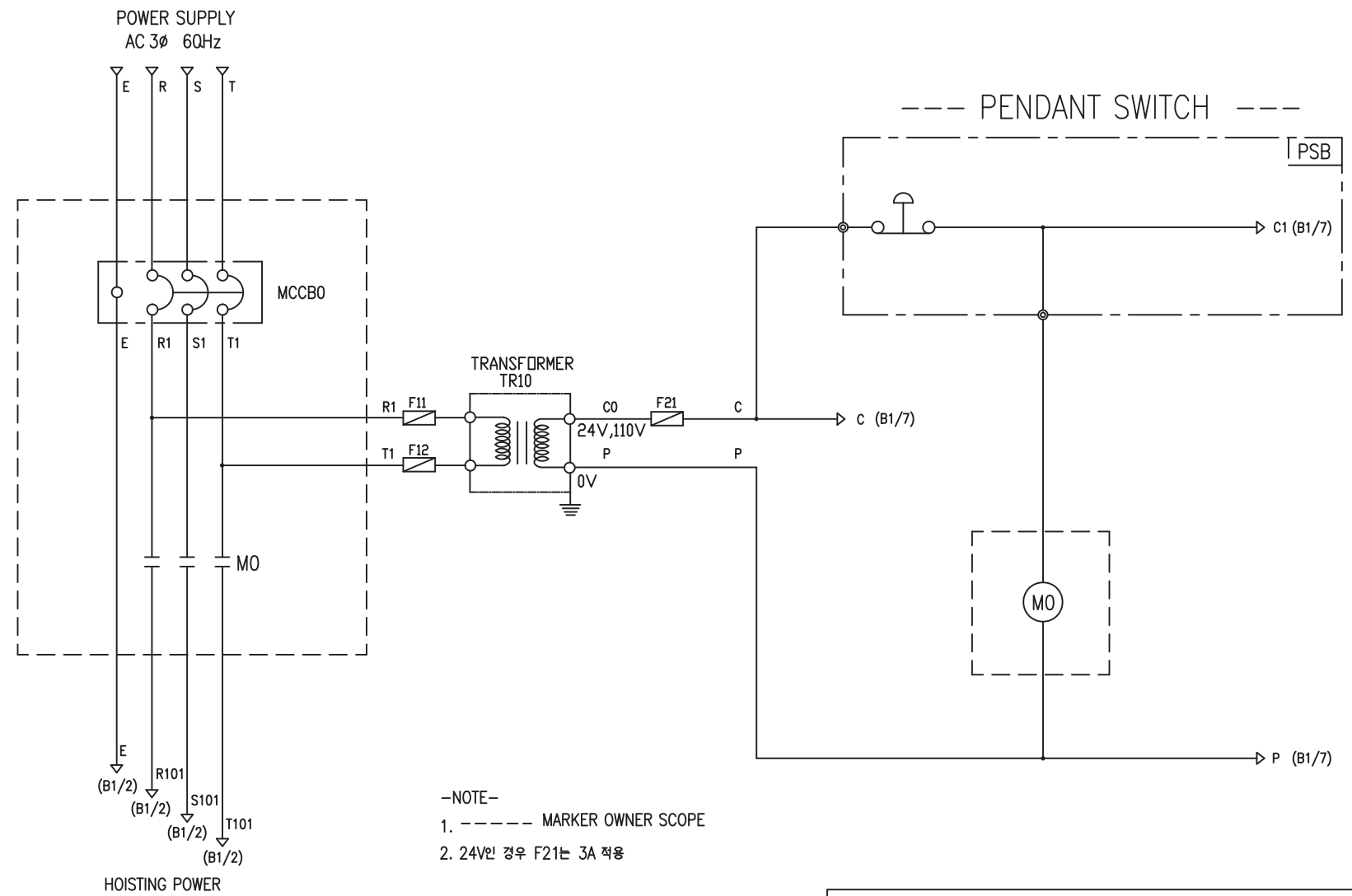


POWER CIRCUIT

CONTROL CIRCUIT

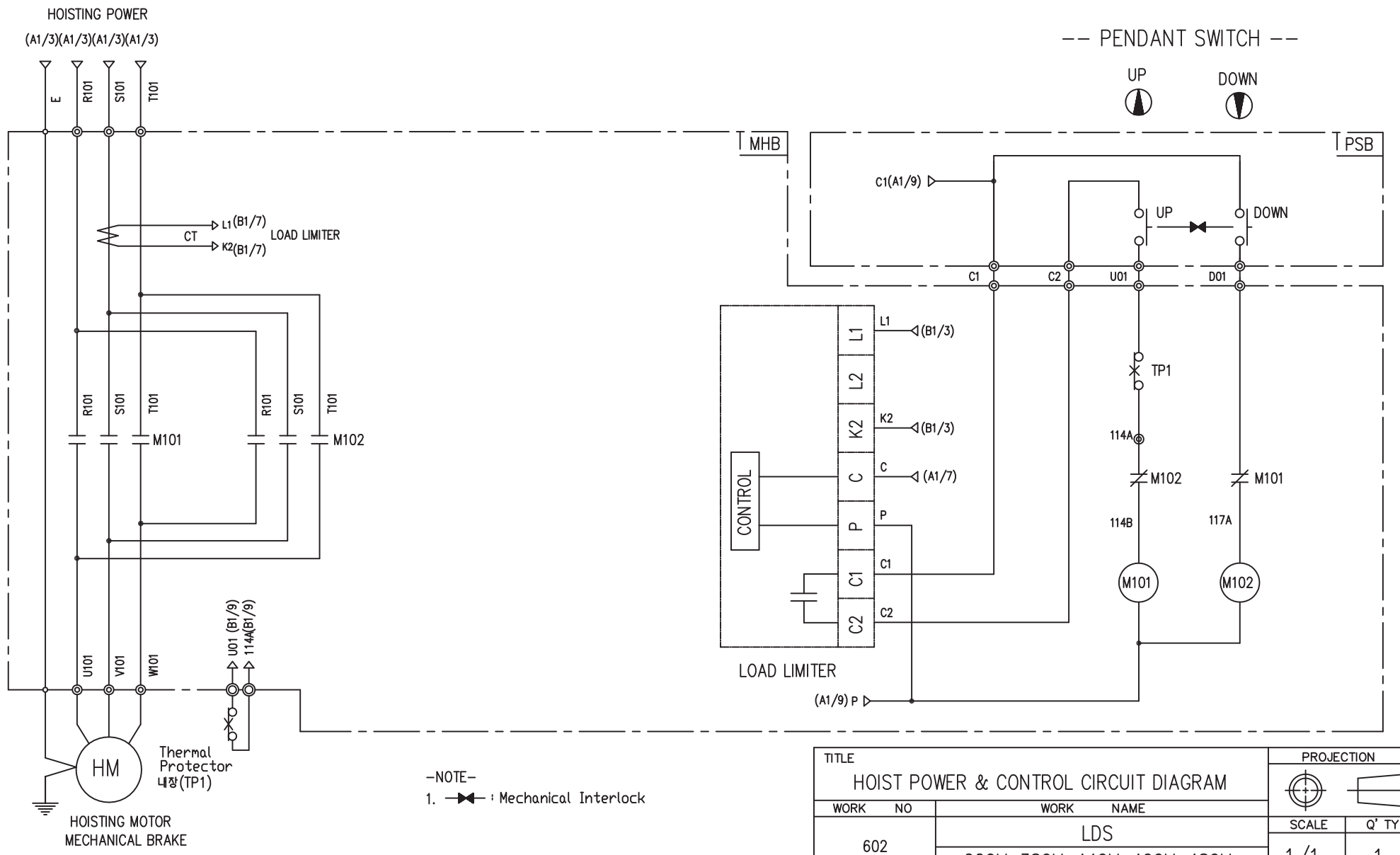


-NOTE-

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	10A	GMC18	DMC18	30VA	1A
	380V	5A				
	440V	5A				
	460V	5A				
	480V	5A				
MAKER	LS	LS	DONGA	LK	-	

TITLE						PROJECTION	
MAIN POWER & CONTROL CIRCUIT DIAGRAM							
WORK NO	WORK NAME					SCALE	Q' TY
601	LDS					1/1	1
DRAWN		CHECKED	REVIEWED	APPROVED	DRAWING NO	LDS	
LEE.G.H					CODE NO		
2010.07.20							
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	0.8Kw * 4P
MAKER	LS DONGA	LK	Texas Instruments	LK

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	CHECKED	REVIEWED	APPROVED	MODEL LDS	
2010.07.20				CODE NO	
L K HOIST CO., LTD.					

SCHEDULE OF TECHNICAL DATA

1. SERVICE	HOISTING
2. MANUFACTURE	LK HOIST CO. LTD
3. MOTOR MODEL NO	0.8 - 4 - 22
4. RATED POWER	0.8 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	4.6 A
13. STARTING CURRENT AT RATED VOLTAGE	23 A
14. MINIMUM STARTING VOLTAGE	198 V
15. EFFICIENCY AT 100% RATED LOAD	75 %
16. POWER FACTOR AT 100% RATED LOAD	60.8 %
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