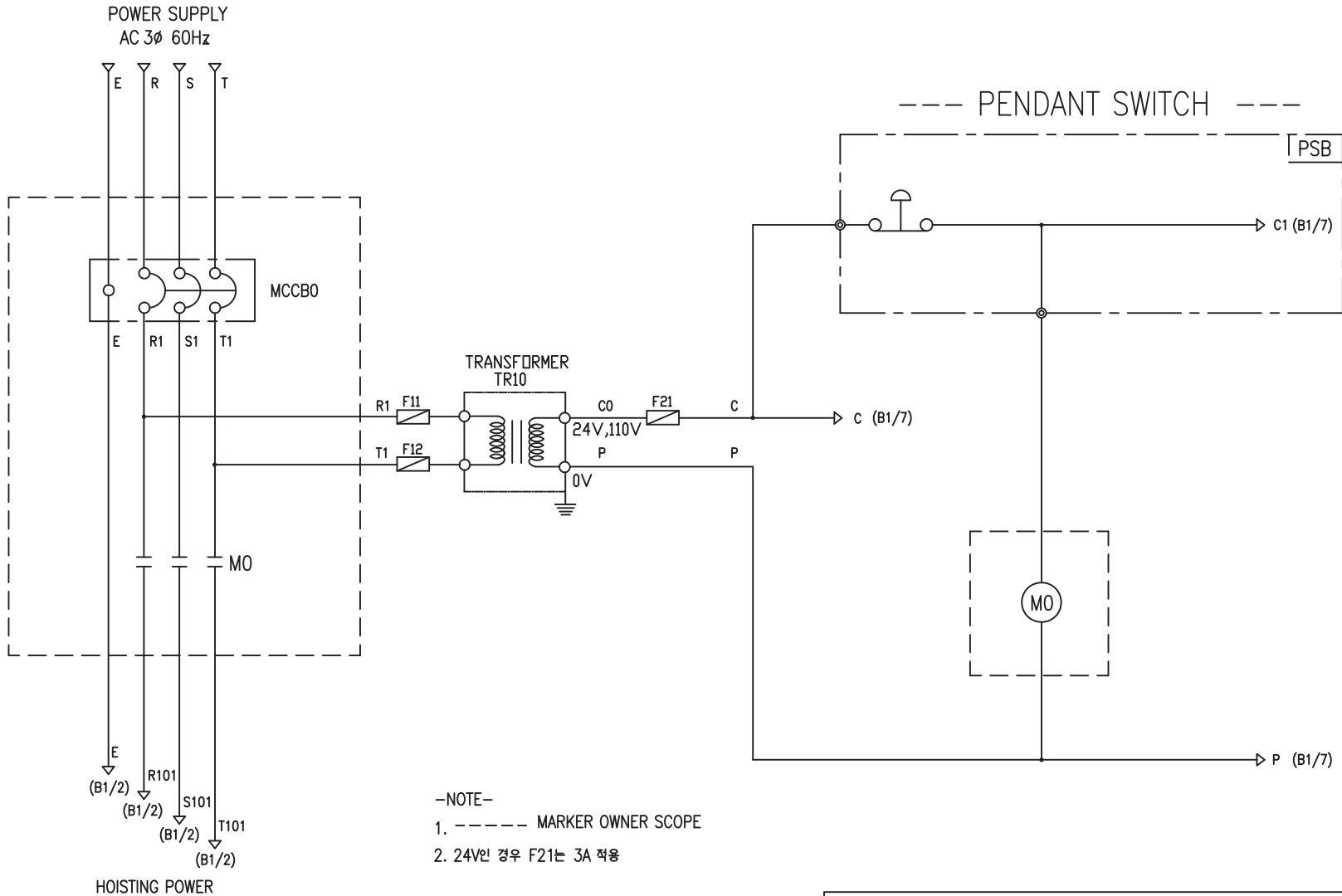


1	2	3	4	5	6	7	8	9	10		
POWER CIRCUIT					CONTROL CIRCUIT					ADDRESS NO.	A1



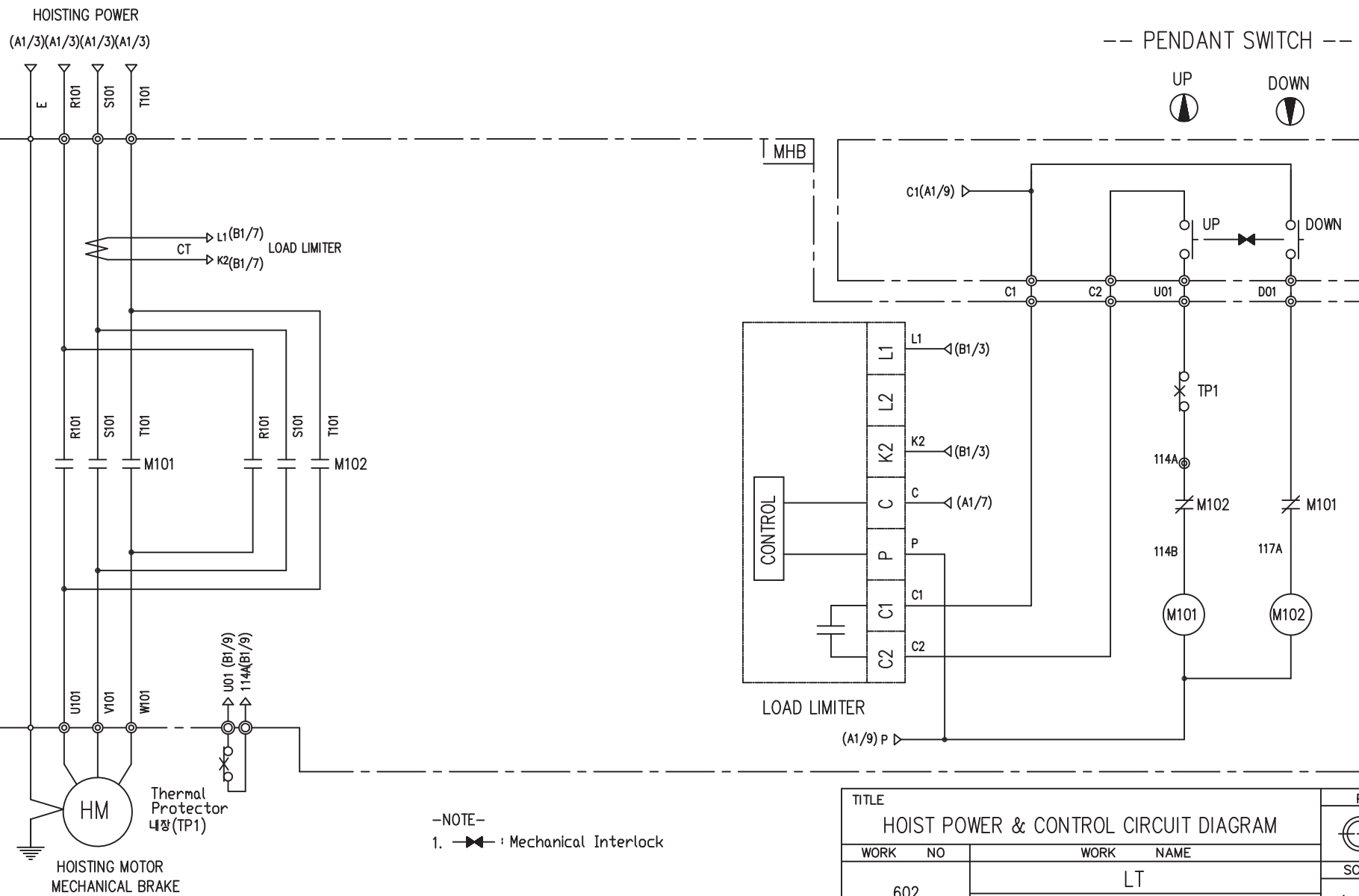
-NOTE-

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	1A
	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	
601		LT			Q' TY	
		220V, 380V, 440V, 460V, 480V			1/1	
DRAWN		CHECKED	REVIEWED	APPROVED	DRAWING NO	LT
LEE.G.H					CODE NO	
2010.07.20						
 L K HOIST CO., LTD.						

1	2	3	4	5	6	7	8	9	10		
HOIST POWER CIRCUIT					HOIST CONTROL CIRCUIT					ADDRESS NO.	B1



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	

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

SPECIFICATION FOR ELECTRIC MOTORS	INTERNAL IDENTIFICATION NO.	PAGE : REV :
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	

SPECIFICATION FOR ELECTRIC MOTORS	INTERNAL IDENTIFICATION NO.	PAGE : REV :
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	