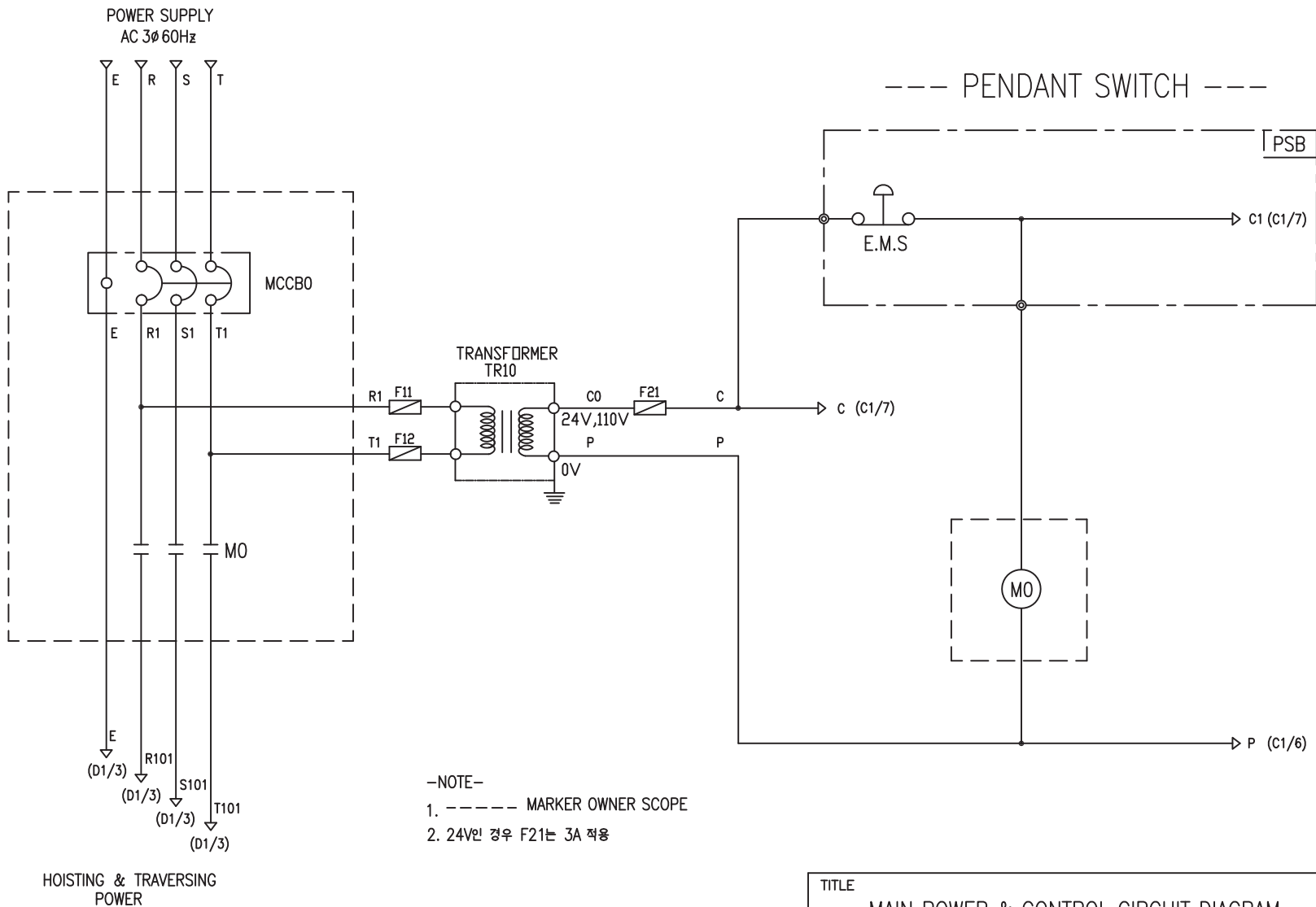
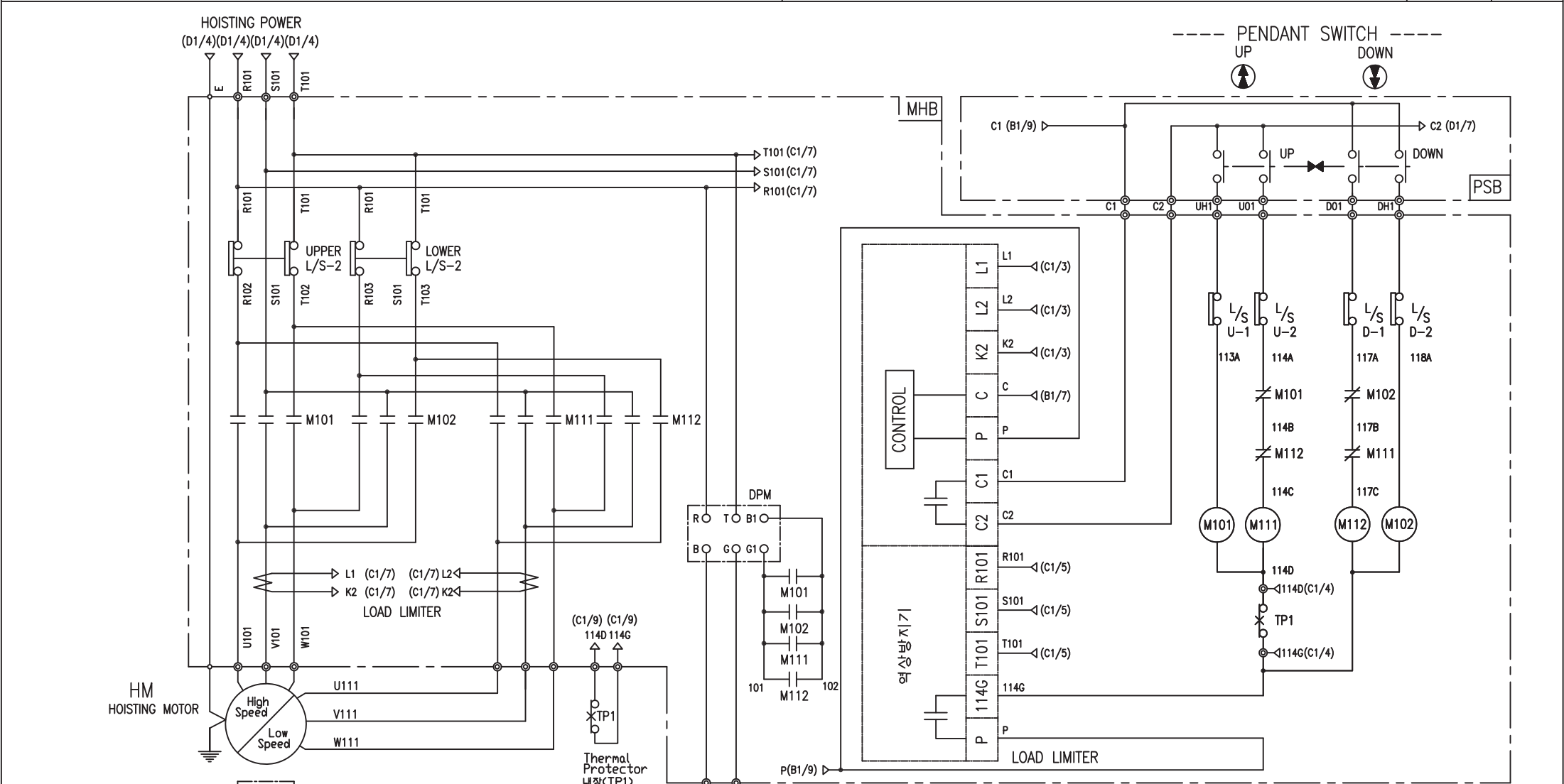


1	2	3	4	5	6	7	8	9	10		
POWER CIRCUIT					CONTROL CIRCUIT					ADDRESS NO.	B1



SPECIFICATION	NO FUSE BREAKER		MAGNET CONTACT		TRANSFORMER	FUSE
SYMBOLS	MCCB0		MO		TR10	F11, F12, F21
DESCRIPTION	220V	50A	GMC22	DMC22	60VA	1A
	380V	30A				
	440V	30A				
	460V	30A				
	480V	30A				
MAKER	LS		LS	DONGA	LK	—

TITLE					PROJECTION	
MAIN POWER & CONTROL CIRCUIT DIAGRAM						
WORK	NO	WORK NAME			SCALE	Q' TY
602		DBM			1/1	1
		220V, 380V, 440V, 460V, 480V				
DRAWN	CHECKED	REVIEWED	APPROVED	MODEL	DBM	
LEE.G.H				CODE	NO	
2010.07.30						
L K HOIST CO., LTD.						



-NOTE-

1. : Mechanical Interlock

SPECIFICATION	MAGNET CONTACT	LOAD LIMITER	SILICON RECTIFIER	Thermal Protector	HOIST MOTOR
SYMBOLS	M101, M102 M103, M104	-	DPM AC220V	TP1	HM
DESCRIPTION	DMC32	LKDL-601	DC99V	17AM032	4.4Kw * 2P/2.2Kw*6P
MAKER	DONG-A	LK	LK	Texas Instruments	LK

TITLE

HOIST POWER & CONTROL CIRCUIT DIAGRAM

WORK NO

603

WORK NAME

DBM

220V

PROJECTION

SCALE

1/1

Q' TY

1

DRAWN

LEE.G.H

2010.07.30

CHECKED

REVIEWED

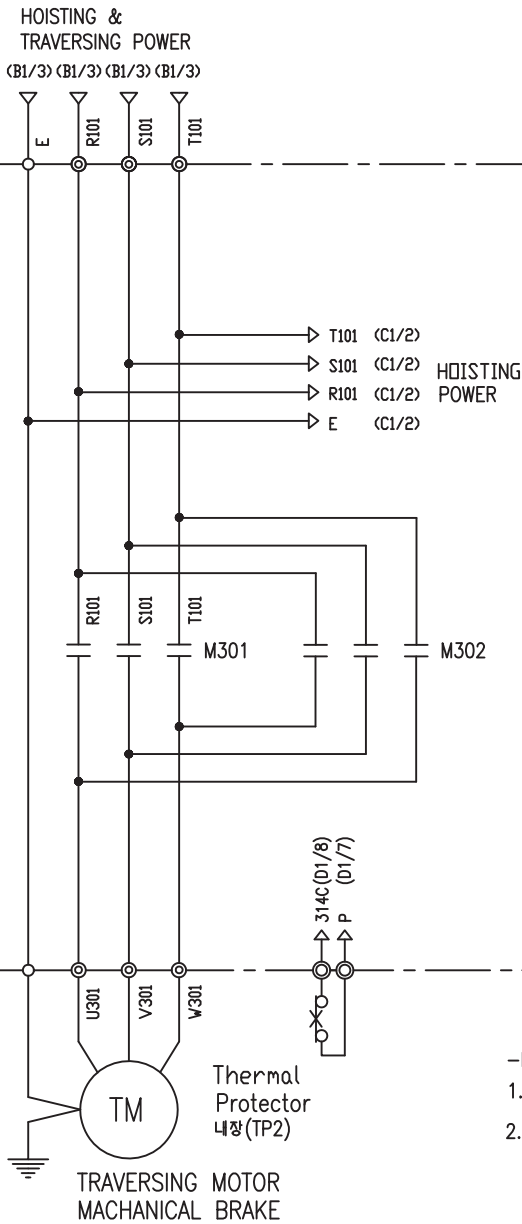
APPROVED

MODEL

CODE NO

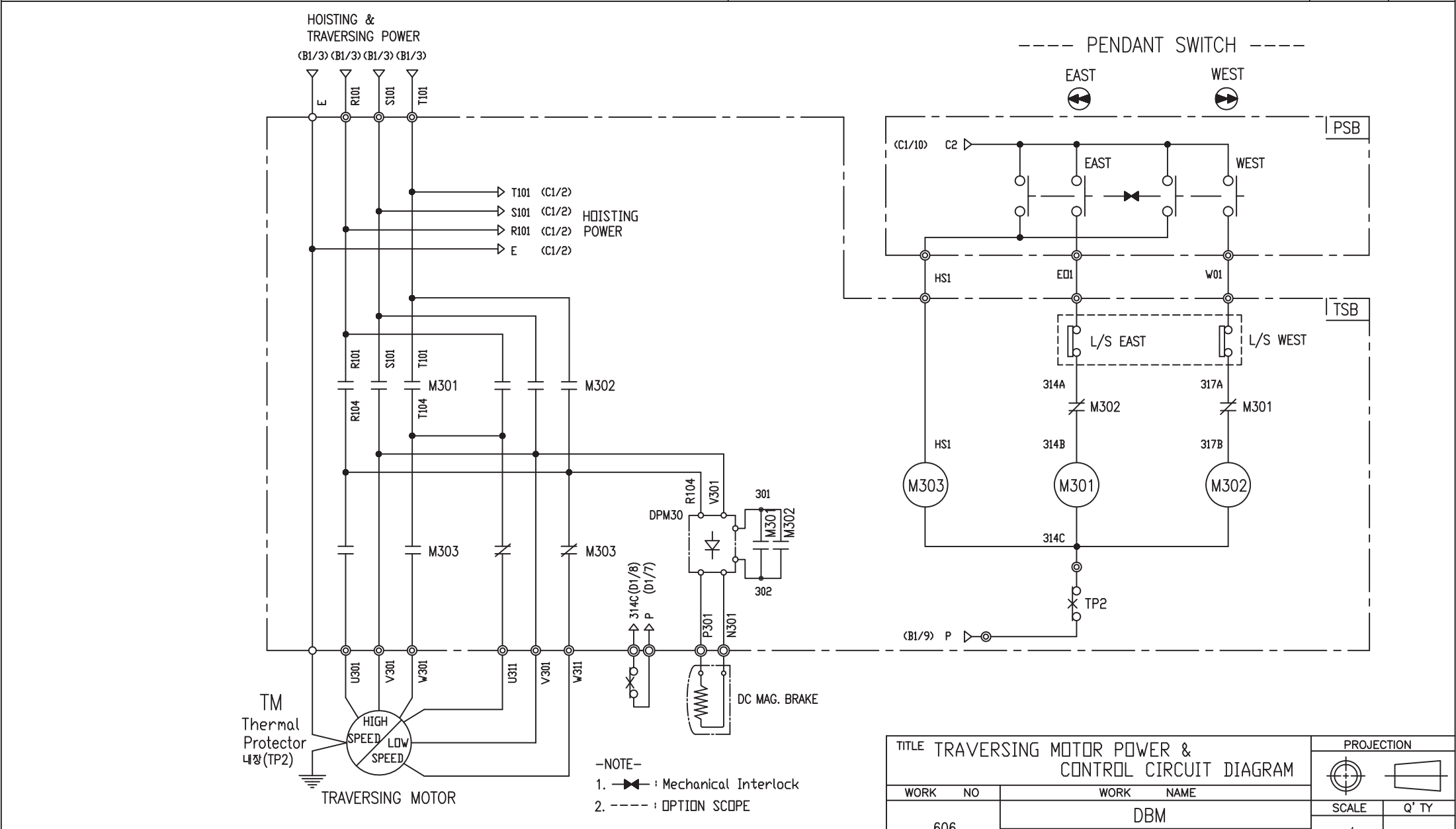
L K HOIST CO., LTD.

1	2	3	4	5	6	7	8	9	10		
TRAVERSING POWER CIRCUIT					TRAVERSING CONTROL CIRCUIT					ADDRESS NO.	D1



- NOTE—
1. —— : Mechanical Interlock
2. ---- : OPTION SCOPE

TITLE TRAVERSING MOTOR POWER & CONTROL CIRCUIT DIAGRAM						PROJECTION 	
WORK NO		WORK NAME				SCALE	
605		DBM				Q' TY	
		220V, 380V, 440V, 460V, 480V				1/1	
DRAWN	CHECKED	REVIEWED	APPROVED	MODEL		DBM	
LEE.G.H				CODE NO			
2010.07.30							
 L K HOIST CO., LTD.							



SPECIFICATION	MAGNET CONTACT		Thermal Protector	SILICON RECTIFIER					TRAVERSING MOTOR
SYMBOLS	M301, M302, M303		TP2	DPM30					TM
DESCRIPTION	GMC12	DMC12	17AM032	AC220V	AC380V	AC440V	AC460V	AC480V	0.75/0.25KW *4/12P
				DC99V	DC171V	DC198V	DC207V	DC216V	
MAKER	LS	DONGA	Texas Instruments	LK					LK

TITLE TRAVERSING MOTOR POWER & CONTROL CIRCUIT DIAGRAM

WORK NO606

WORK NAMEDBM220V, 380V, 440V, 460V, 480V

PROJECTION

SCALE1/1

Q' TY1

DRAWNLEE.G.H

CHECKED

REVIEWED

APPROVED

MODELDBM

2010.07.30

CODE NO

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	4.4/2.2 - 2/6 - 22	
4. RATED POWER	4.4/2.2 KW × 2/6 P	
5. RATED VOLTAGE AND FREQUENCY	220 V 60HZ	
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE	
7. RATING	30 MIN	
8. LOCATION	OUTDOOR	
9. INSULATION CLASS	B	
10. DESIGN TEMPERATURE RISE (BY RESISTANCE)	80℃	
11. FULL LOAD SPEED	3440/1140 RPM	
12. FULL LOAD CURRENT	20/10 A	
13. STARTING CURRENT AT RATED VOLTAGE	95/52 A	
14. MINIMUM STARTING VOLTAGE	198 V	
15. EFFICIENCY AT 100% RATED LOAD	76/76 %	
16. POWER FACTOR AT 100% RATED LOAD	76/76 %	
17. STARTING TORQUE	243 %	
18. TYPE OF ENCLOSURE	전폐형	
19. TYPE OF BEARING	PL : 6205DD OPL : 6008ZZ	
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	TRAVERSING	
2. MANUFACTURE	LK HOIST CO. LTD	
3. MOTOR MODEL NO	0.75 - 4 - 22	
4. RATED POWER	0.75 KW × 4 P	
5. RATED VOLTAGE AND FREQUENCY	220 V 60HZ	
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE	
7. RATING	15 MIN	
8. LOCATION	OUTDOOR	
9. INSULATION CLASS	B	
10. DESIGN TEMPERATURE RISE (BY RESISTANCE)	100℃	
11. FULL LOAD SPEED	1670 RPM	
12. FULL LOAD CURRENT	4.8 A	
13. STARTING CURRENT AT RATED VOLTAGE	26.4 A	
14. MINIMUM STARTING VOLTAGE	198 V	
15. EFFICIENCY AT 100% RATED LOAD	65 %	
16. POWER FACTOR AT 100% RATED LOAD	63 %	
17. STARTING TORQUE	250 %	
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	TRAVERSING	
2. MANUFACTURE	LK HOIST CO. LTD	
3. MOTOR MODEL NO	0.4 - 6 - 22	
4. RATED POWER	0.4 KW × 6 P	
5. RATED VOLTAGE AND FREQUENCY	220 V 60HZ	
6. ROTOR TYPE	SQUIRREL CAGE ROTOR TYPE	
7. RATING	15 MIN	
8. LOCATION	OUTDOOR	
9. INSULATION CLASS	B	
10. DESIGN TEMPERATURE RISE (BY RESISTANCE)	100℃	
11. FULL LOAD SPEED	1140 RPM	
12. FULL LOAD CURRENT	3.2 A	
13. STARTING CURRENT AT RATED VOLTAGE	17.5 A	
14. MINIMUM STARTING VOLTAGE	198 V	
15. EFFICIENCY AT 100% RATED LOAD	65 %	
16. POWER FACTOR AT 100% RATED LOAD	63 %	
17. STARTING TORQUE	250 %	
18. TYPE OF ENCLOSURE	전폐형	
19. TYPE OF BEARING	PL : 6008DD OPL : 6207ZZ	
20. MOUNTING	VERTICAL	
21. MAXIMUM AMBIENT TEMPERATURE	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	TRAVERSING	
2. MANUFACTURE	LK HOIST CO. LTD	
3. MOTOR MODEL NO	0.75/0.25 - 4/12 - 22	
4. RATED POWER	0.75/0.25 KW × 4/12 P	
5. RATED VOLTAGE AND FREQUENCY	220 V	60HZ
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE	
7. RATING	15 MIN	
8. LOCATION	OUTDOOR	
9. INSULATION CLASS	B	
10. DESIGN TEMPERATURE RISE (BY RESISTANCE)	100℃	
11. FULL LOAD SPEED	1670 / 550 RPM	
12. FULL LOAD CURRENT	4.8 / 3.0 A	
13. STARTING CURRENT AT RATED VOLTAGE	26.4 / 16.5 A	
14. MINIMUM STARTING VOLTAGE	198 V	
15. EFFICIENCY AT 100% RATED LOAD	65 / 48 %	
16. POWER FACTOR AT 100% RATED LOAD	63 / 46 %	
17. STARTING TORQUE	249 / 245 %	
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	