

TRAVELLING POWER  
SUPPLY SYSTEM  
TB1(Trolley Bar  
or Festoon Type)

COLLECTOR  
COL1

OWNER SCOPE

MCCB

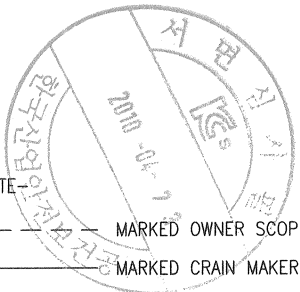
MAIN POWER SOURCE  
AC 3φ 480V 60Hz

(B1/2) (B1/2) (B1/2) (B1/2)

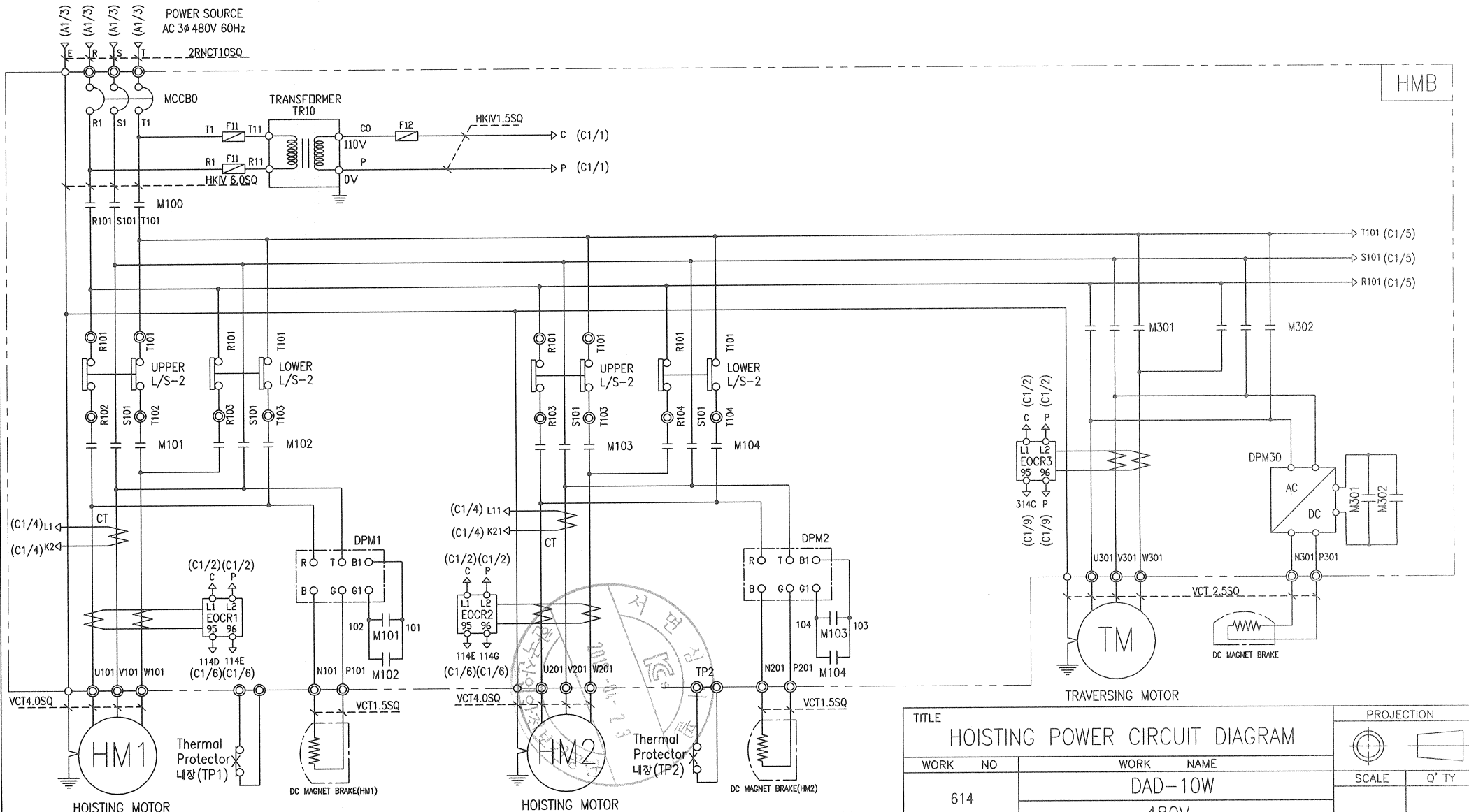
HOISTING & TRAVERSING  
POWER


NOTE

- 1. — MARKED OWNER SCOPE
- 2. — MARKED CRAN MAKER SCOPE

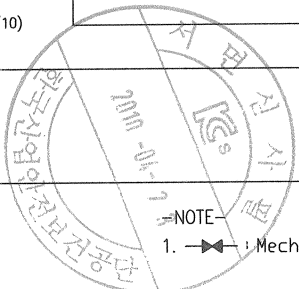
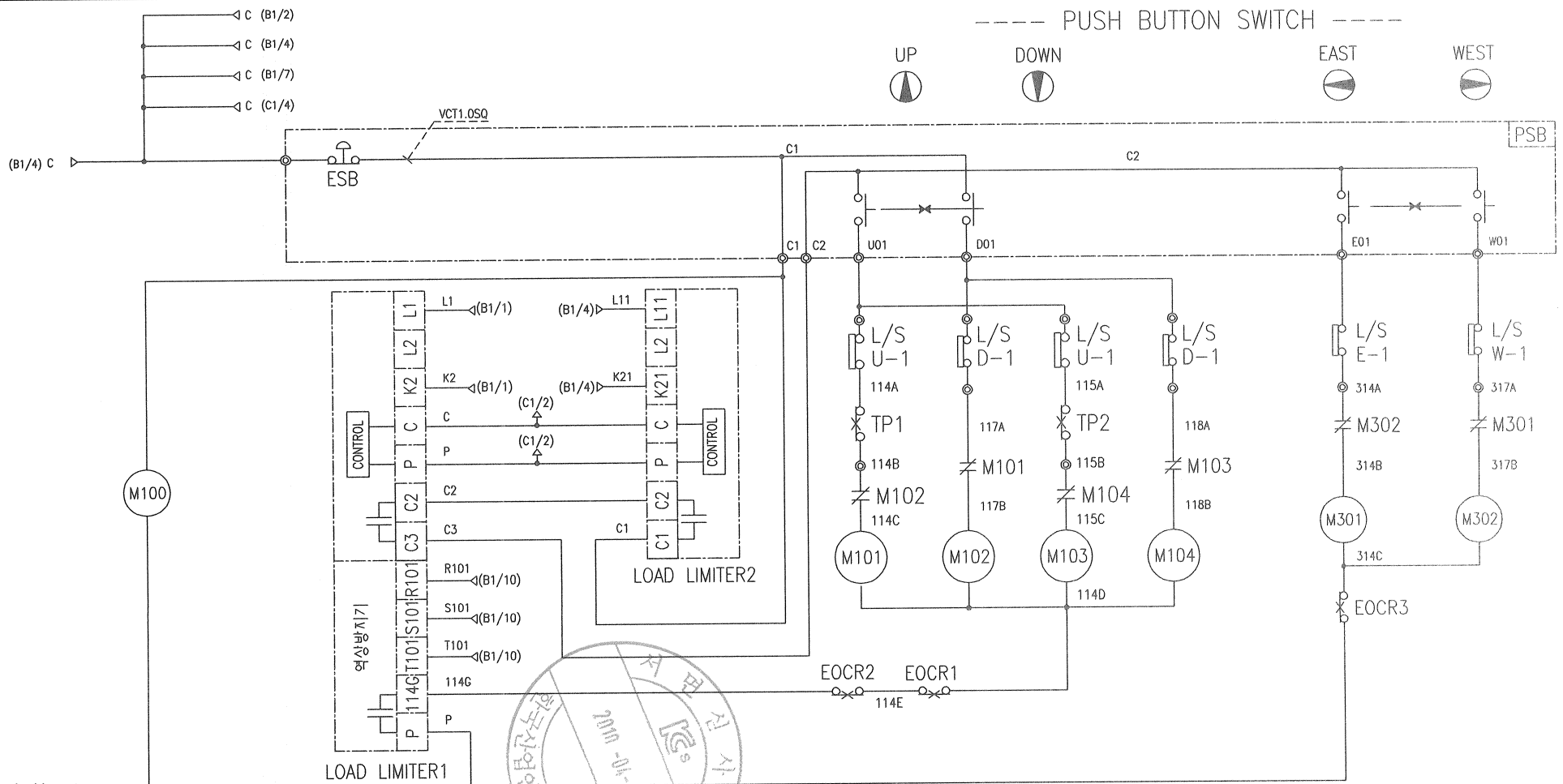


TITLE MAIN POWER CIRCUIT DIAGRAM1					PROJECTION 	
WORK NO 613		WORK NAME DAD-10W 480V			SCALE 1/1	Q' TY 1
DRAWN LEE.G.H 2010.04.05	CHECKED	REVIEWED	APPROVED	MODEL	CODE NO	
L K HOIST CO., LTD.						



TITLE HOISTING POWER CIRCUIT DIAGRAM				PROJECTION	
WORK NO 614		WORK NAME DAD-10W 480V		SCALE Q' TY	
DRAWN LEE.G.H 2010.04.05	CHECKED	REVIEWED	APPROVED	MODEL	CODE NO CODE_NO
 <b>L K HOIST CO., LTD.</b>					

SPECIFICATION	NO FUSE BREAKER	MAGNET CONTACTOR	TRANSFORMER	SILICON RECTIFIER	과전류제한기	FUSE	HOISTING MOTOR	TRAVERSING MOTOR
SYMBOLS	MCCBO	M100, M101, M102, M103, M104	TR10	DPM1, DPM2 DPM30	EOCR1 EOCR2 EOCR3	F11 F12	HM1 HM2	TM
DESCRIPTION	40A	DMC22	120 VA	AC480V/ DC216V	SS-30 SS-06	1A 2A	3.5Kw x 4P	0.75Kw * 4P 0.5Kw * 6P
MAKER	LS	DONGA	YOUNG DONG	LK	DACO	-	LK	LK



NOTE  
1. ——— Mechanical Interlock

SPECIFICATION	LOAD LIMITER
SYMBOLS	LKDL601
DESCRIPTION	1A - 50A
MAKER	LK

TITLE HOISTING CONTROL CIRCUIT DIAGRAM					PROJECTION 	
WORK NO. 615	WORK NAME DAD-10W 480V				SCALE	Q' TY
DRAWN LEE.G.H	CHECKED	REVIEWED	APPROVED	MODEL		
2010.04.05				CODE NO	CODE_NO	
L K HOIST CO., LTD.						

## SCHEDULE OF TECHNICAL DATA

1. SERVICE	HOISTING
2. MANUFACTURE	LK HOIST CO. LTD
3. MOTOR MODEL NO	3.5 - 4 - 48
4. RATED POWER	3.5 KW × 4 P
5. RATED VOLTAGE AND FREQUENCY	480 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	1710 RPM
12. FULL LOAD CURRENT	7.9 A
13. STARTING CURRENT AT RATED VOLTAGE	38.5 A
14. MINIMUM STARTING VOLTAGE	432 V
15. EFFICIENCY AT 100% RATED LOAD	73.5 %
16. POWER FACTOR AT 100% RATED LOAD	73.0 %
17. STARTING TORQUE	247 %
18. TYPE OF ENCLOSURE	전폐형(IP-54)
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

## SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING
2. MANUFACTURE	LK HOIST CO. LTD
3. MOTOR MODEL NO	0.75 - 4 - 48
4. RATED POWER	0.75 KW × 4 P
5. RATED VOLTAGE AND FREQUENCY	480 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	1710 RPM
12. FULL LOAD CURRENT	2.2 A
13. STARTING CURRENT AT RATED VOLTAGE	12.1 A
14. MINIMUM STARTING VOLTAGE	432 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

## SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING
2. MANUFACTURE	LK HOIST CO. LTD
3. MOTOR MODEL NO	0.5 - 6 - 48
4. RATED POWER	0.5 KW × 6 P
5. RATED VOLTAGE AND FREQUENCY	480 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°C
11. FULL LOAD SPEED	1140 RPM
12. FULL LOAD CURRENT	1.47 A
13. STARTING CURRENT AT RATED VOLTAGE	8.1 A
14. MINIMUM STARTING VOLTAGE	432 V
15. EFFICIENCY AT 100% RATED LOAD	65 %
16. POWER FACTOR AT 100% RATED LOAD	63 %
17. STARTING TORQUE	249 %
18. TYPE OF ENCLOSURE	전폐형
19. TYPE OF BEARING	PL : 6008DD    OPL : 6207ZZ
20. MOUNTING	VERTICAL
21. MAXIMUM AMBIENT TEMPERATURE	40°C
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE