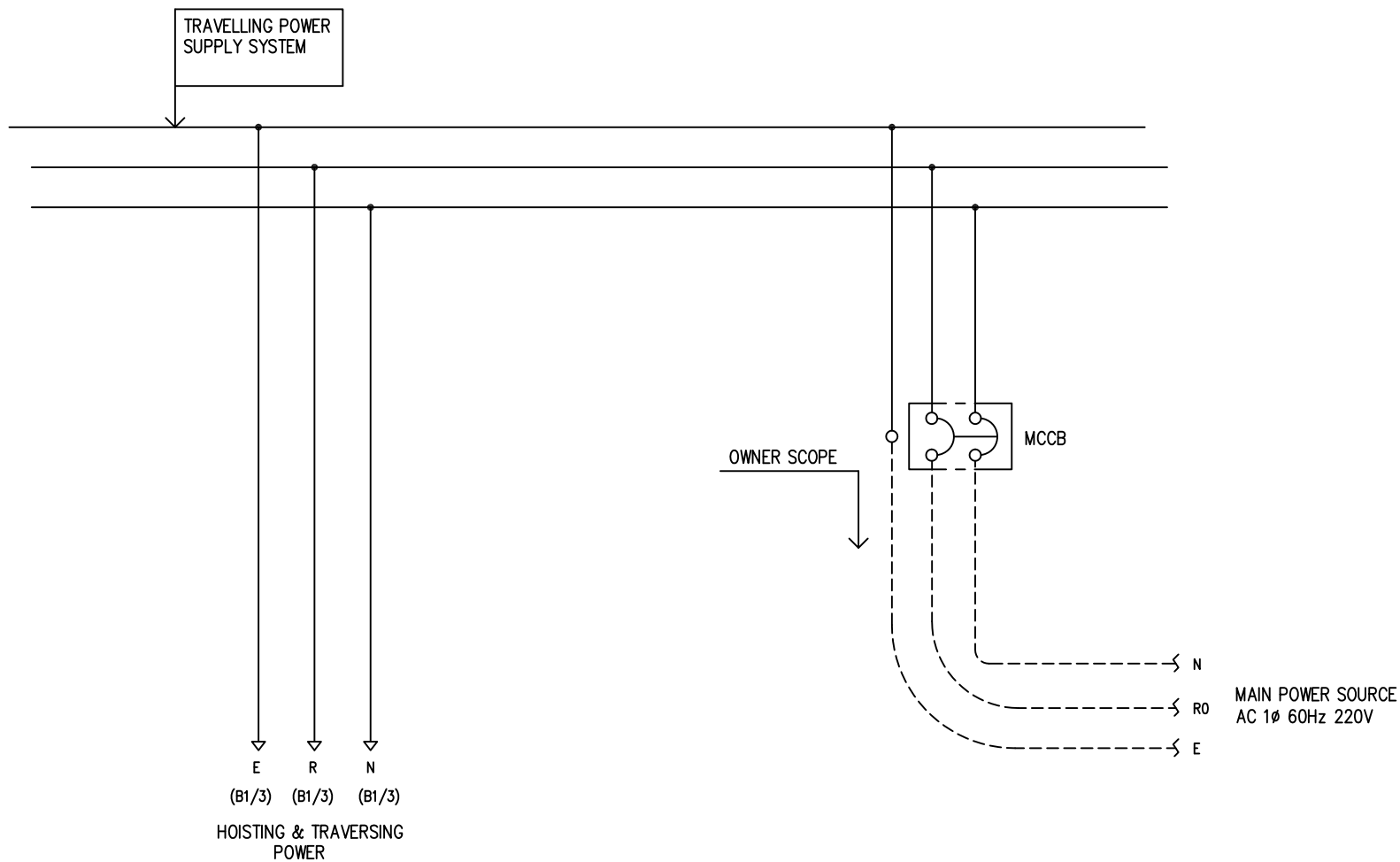


POWER CIRCUIT  
TRAVELLING POWER SUPPLY SYSTEM

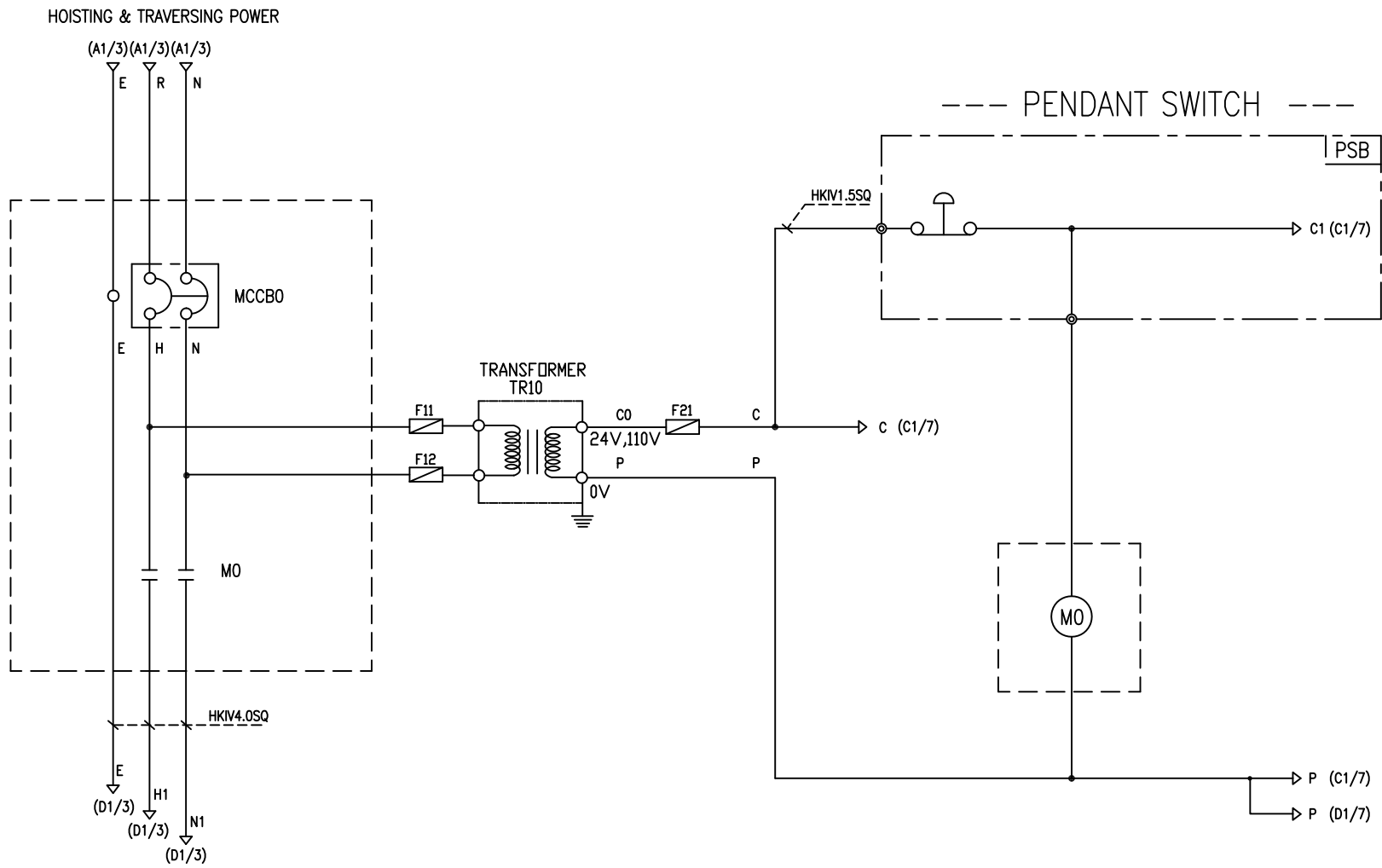
ADDRESS NO.  
A1



-NOTE-

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

TITLE MAIN POWER CIRCUIT DIAGRAM1				PROJECTION 	
WORK NO 601	WORK NAME LTM 220V			SCALE 1/1	Q' TY 1
DRAWN LEE G.H. 2015.10.01	CHECKED	REVIEWED	APPROVED	DRAWING NO	CODE NO
<b>L K HOIST CO., LTD.</b>					

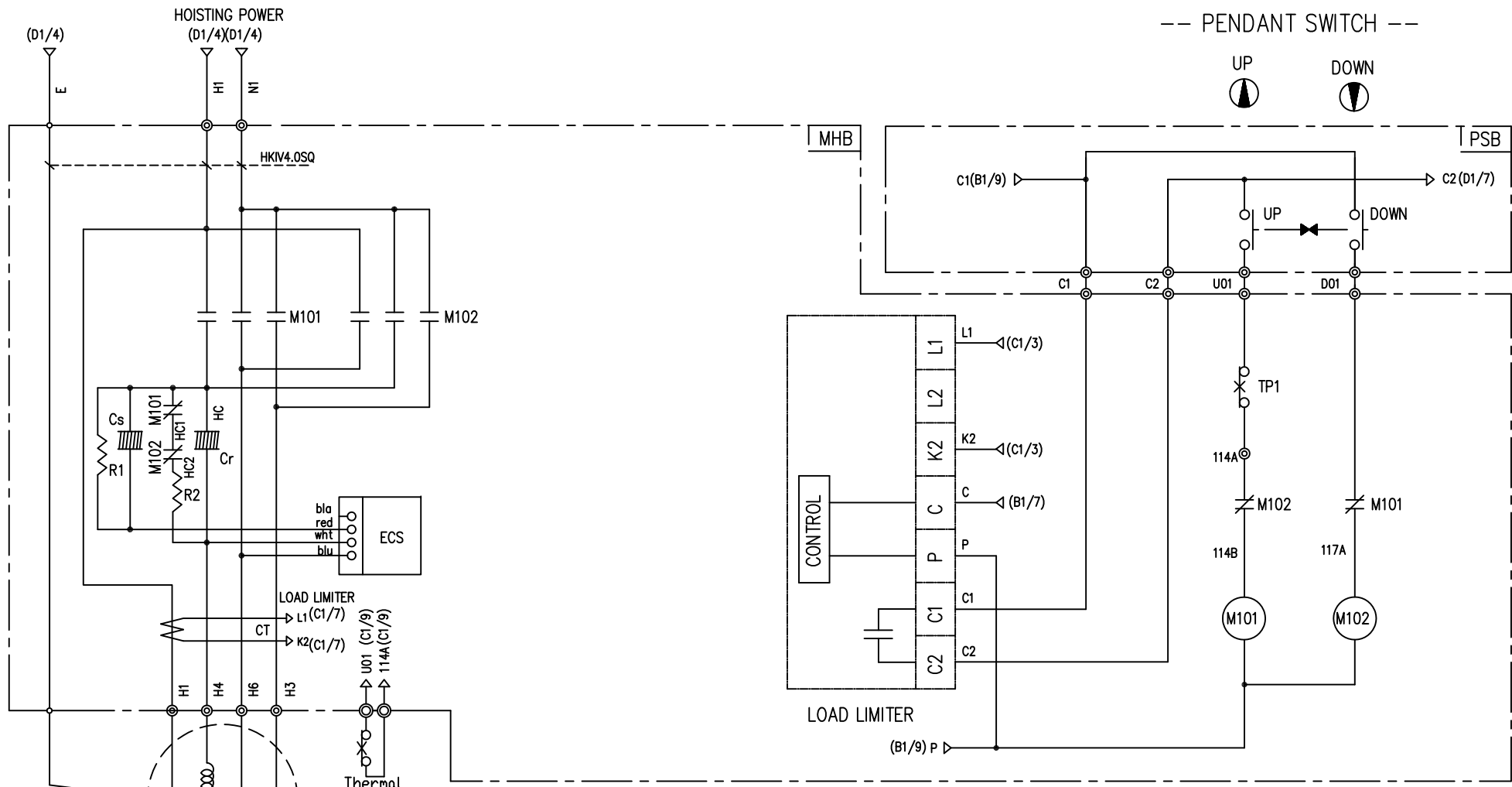


HOISTING & TRAVERSING POWER

-NOTE-  
1. ----- MARKER OWNER SCOPE

SPECIFICATION	NO FUSE BREAKER	MAGNET CONTACT		TRANSFORMER	FUSE
SYMBOLS	MCCB0	MO		TR10	F11, F12, F21
DESCRIPTION	50A	GMC18	DMC18	30VA	1A
MAKER	LS	LS	DONGA	YOUNGDONG	-

TITLE						PROJECTION	
MAIN POWER & CONTROL CIRCUIT DIAGRAM							
WORK NO	WORK NAME					SCALE	Q' TY
602	LTM					1/1	1
				220V			
DRAWN	CHECKED	REVIEWED	APPROVED	DRAWING NO	LTM		
LEE.G.H				CODE NO			
2015.10.01							

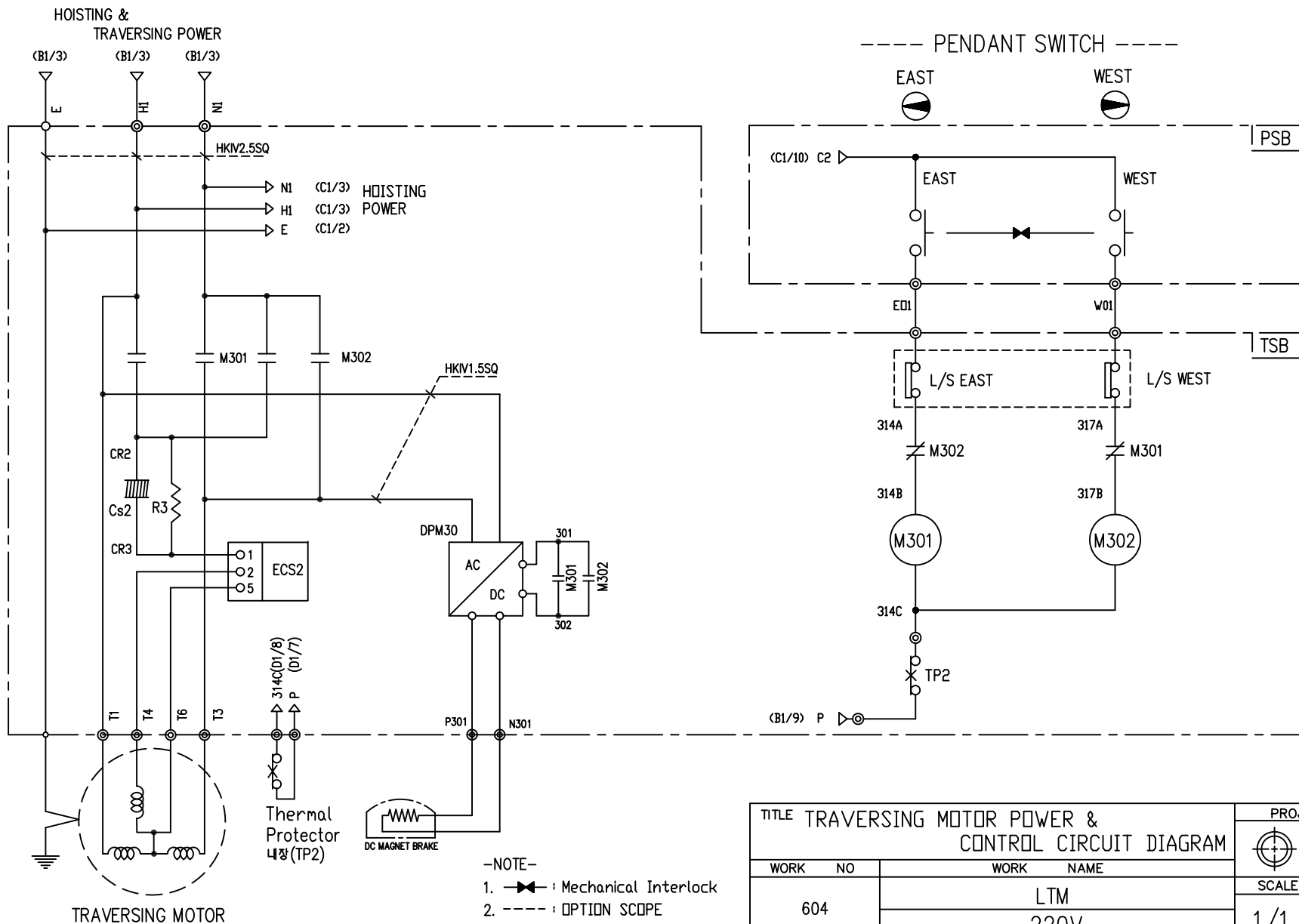


-NOTE-  
1. : Mechanical Interlock

SPECIFICATION	RESISTANCE
SYMBOLS	R1, R2
DESCRIPTION	3K OHM
MAKER	-

SPECIFICATION	MAGNET CONTACT	RUN REALY	LOAD LIMITER	Thermal Protector	CONDENSER	HOIST MOTOR
SYMBOLS	M101, M102	ECS	-	TP1	Cs      Cr	HM
DESCRIPTION	DMC22b	224L	LKDL-50A	17AM032	250V 100UF      370V 25UF	1.5Kw * 4P
MAKER	DONGA	SAMUSCO	LK	Texas Instruments	DIGITAL TEC	LK

TITLE <b>HOIST POWER &amp; CONTROL CIRCUIT DIAGRAM</b>						PROJECTION 	
WORK NO	WORK NAME					SCALE	Q' TY
603	LTM 220V					1/1	1
DRAWN	CHECKED	REVIEWED	APPROVED	MODEL	LTM		
LEE.G.H					CODE NO		
2015.10.01							
<b>L K HOIST CO., LTD.</b>							



SPECIFICATION	RESISTANCE
SYMBOLS	R3
DESCRIPTION	10K OHM
MAKER	-

SPECIFICATION	MAGNET CONTACT	RUN REALY	Thermal Protector	CONDENSER	SILCON RECTIFIER	TRAVERSING MOTOR
SYMBOLS	M301, M302	ECS2	TP2	Cs2	DPM30	TM
DESCRIPTION	DMC12b	125P	17AM032	125V400UF	AC220V DC99V	0.5KW *4P
MAKER	DONGA	SAMUSCO	Texas Instruments	DIGITAL TEC	LK	LK

-NOTE-

- : Mechanical Interlock
- : OPTION SCOPE

TITLE TRAVERSING MOTOR POWER & CONTROL CIRCUIT DIAGRAM						PROJECTION	
WORK NO		WORK NAME				SCALE	
604		LTM 220V				Q' TY	
1/1		1					
DRAWN	CHECKED	REVIEWED	APPROVED	MODEL	LTM		
LEE.G.H				CODE NO			
2015.10.01							
L K HOIST CO., LTD.							

## SCHEDULE OF TECHNICAL DATA

1. SERVICE	HOISTING
2. MANUFACTURE	LK HOIST CO. LTD
3. MOTOR MODEL NO	1.5 - 4 - 22
4. RATED POWER	1.5 KW × 4 P
5. RATED VOLTAGE AND FREQUENCY	220 V      60HZ
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. RATING	20 MIN
8. LOCATION	IN-DOOR , OUTDOOR
9. INSULATION CLASS	B
10. DESIGN TEMPERATURE RISE (BY RESISTANCE)	80°C
11. FULL LOAD SPEED	1710 RPM
12. FULL LOAD CURRENT	14.2 A
13. STARTING CURRENT AT RATED VOLTAGE	39.5 A
14. MINIMUM STARTING VOLTAGE	198 V
15. EFFICIENCY AT 100% RATED LOAD	75.1 %
16. POWER FACTOR AT 100% RATED LOAD	70.2 %
17. TYPE OF ENCLOSURE	TENV
18. TYPE OF BEARING	PL : 6204DD    OPL : 6205ZZ
19. MOUNTING	VERTICAL
20. MAXIMUM AMBIENT TEMPURE	40°C
21. BEARING LUBRICATION	GREASE
22. STARTING METHOD	CONDENSER

## SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING
2. MANUFACTURE	LK HOIST CO. LTD
3. MOTOR MODEL NO	0.5 - 4 - 22
4. RATED POWER	0.5 KW × 4 P
5. RATED VOLTAGE AND FREQUENCY	220 V      60HZ
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. RATING	15 MIN
8. LOCATION	IN-DOOR , OUTDOOR
9. INSULATION CLASS	B
10. DESIGN TEMPERATURE RISE (BY RESISTANCE)	80°C
11. FULL LOAD SPEED	1690 RPM
12. FULL LOAD CURRENT	5.8 A
13. STARTING CURRENT AT RATED VOLTAGE	23.2 A
14. MINIMUM STARTING VOLTAGE	198 V
15. EFFICIENCY AT 100% RATED LOAD	62 %
16. POWER FACTOR AT 100% RATED LOAD	62.5 %
17. TYPE OF ENCLOSURE	TENV
18. TYPE OF BEARING	PL : 6204DD    OPL : 6205ZZ
19. MOUNTING	VERTICAL
20. MAXIMUM AMBIENT TEMPURE	40°C
21. BEARING LUBRICATION	GREASE
22. STARTING METHOD	CONDENSER