

한국산업안전보건공단 중부지역본부

수신자 극동호이스트(주) 대표

(경유)

제목 서면심사결과(동일형식인정) 통지

산업안전보건법 제34조 및 시행규칙 제58조의4제1항에 따라 아래 안전인증 대상품에 대한 서면심사를 실시하고 그 결과를 통지합니다.

신청사업장 : 극동호이스트(주) 대표자명 : 최성찬
전화번호 : 031-491-5311 팩스번호 : 031-492-0473
소재지 : 경기도 안산시 단원구 해봉로 119 (성곡동 630-2) 반월공단 B-607-4
심사일 : 2018-03-27

■ 심사결과 : 적합 (1)건, 부적합 (0)건, 반려 (0)건

안전인증 대상품명	형식번호	용량	결과	비고
호이스트	KD25-D	25Ton	적합	동일형식인정 - 4종(붙임 참조)

안전인증 과정에서 수집된 개인정보는 공단의 고객만족 마인드 제고를 통해 보다 나은 안전보건서비스를 제공하기 위한 목적으로 “고객만족도 조사”에 활용됨을 알려드립니다.

기타 자세한 사항은 공단 홈페이지(www.kosha.or.kr)에서 확인하시기 바랍니다.

- 붙임 : 1. 심사결과통지서 1부.
2. 동일형식 일람표 1부. 끝.

한국산업안전보건공단 중부지역본부장



팀장 이승태 안전인증부장 전결 03/28 이백철

협조자

고객결재

시행 안전인증부-2757 (2018.03.28.) 접수 ()

우 21417 인천광역시 부평구 무네미로 478-1(구산동, 한국산업안전보건공단) / http://www.kosha.or.kr

전화 032-5100-560 /전송 032-579-8192 / leest@kosha.or.kr / 비공개(5,7)

대표번호 052)703-0500 1644-4544 http://www.kosha.or.kr /고객참여

o 공단 업무와 관련하여 금품·향응수수, 부정청탁 등을 확인하신 경우 아래로 신고하여 주시기 바랍니다.
(부패·비리신고 전화:052-2458-114, 이메일:gamsa@kosha.or.kr, 홈페이지(www.kosha.or.kr)/부패·비리신고센터)



심사결과 통지서

신청인	사업장명	극동호이스트(주)	사업장관리번호	134-81-013350
	사업자등록번호	134-81-01335	대표자 성명	최성찬
	소재지	(154 - 23) 경기도 안산시 단원구 해봉로 119 (성곡동 630-2)반월공단 B-607-4		
안전인증대상 기계·기구명				
호이스트 호이스트 (국내품)				
형 식 (규 격)	KD25-D		용 량 (등 급)	25 Ton

산업안전보건법 제 34조 및 같은 법 시행규칙 제58조의4에 따라 실시한

☐ 예비심사

☒ 서면심사

☐ 기술능력 및 생산체계 심사

☐ 개별 제품심사

☐ 개별 제품심사(제작중)

☐ 형식별 제품심사

결과가 ☒ 적 합
☐ 부적합

합을 통지합니다.

2018년 03월 27일

인증심사원

이승태

이 (서명 또는 인)

한국산업안전보건공단 중부지역본부장





제2018 - 2016736 호

안 전 인 증 서

(사업장명) 극동호이스트(주)

(소재지) (154-23)경기도 안산시 단원구 해봉로 119 (성곡동 630-2)반월공단 B-607-4

위 사업장에서 제조하는 아래의 품목이 산업안전보건법 제34조 및 같은 법 시행규칙 제58조의4제4항에 따른 안전인증 심사 결과 안전·보건기준에 적합하므로 안전인증표시의 사용을 인증합니다.

품 목

호이스트 호이스트 (국내품)

형식,모델(용량,등급)/인증번호

KD25-D (25Ton) / 18-AE2AC-05433

인 증 기 준

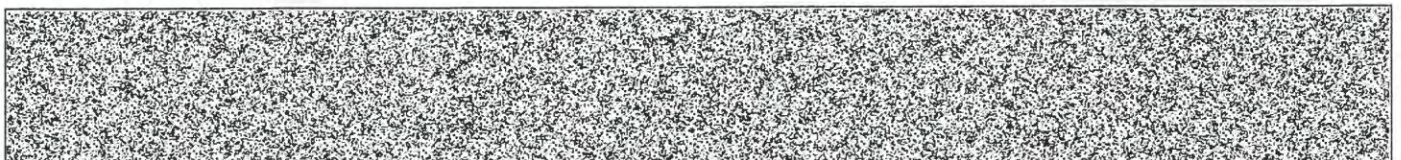
고용노동부 고시 제2016 - 29호 (위험기계·기구 안전인증 고시)

인 증 조 건

인증유효기간 : 해당없음

2018년 04월 02일

한국산업안전보건공단이사장



서 면 심 사 서 류

형식 번호 : KD25 - D

Double Rail Type Hoist

극 동 호 이 스톱 (주)



주소 : 경기도 안산시 단원구 해봉로 119 (성곡동)

TEL : 031) 491 - 5311

FAX : 031) 492 - 0473

산업재해예방
안전보건공단
KOSHA OCCUPATIONAL SAFETY & HEALTH AGENCY

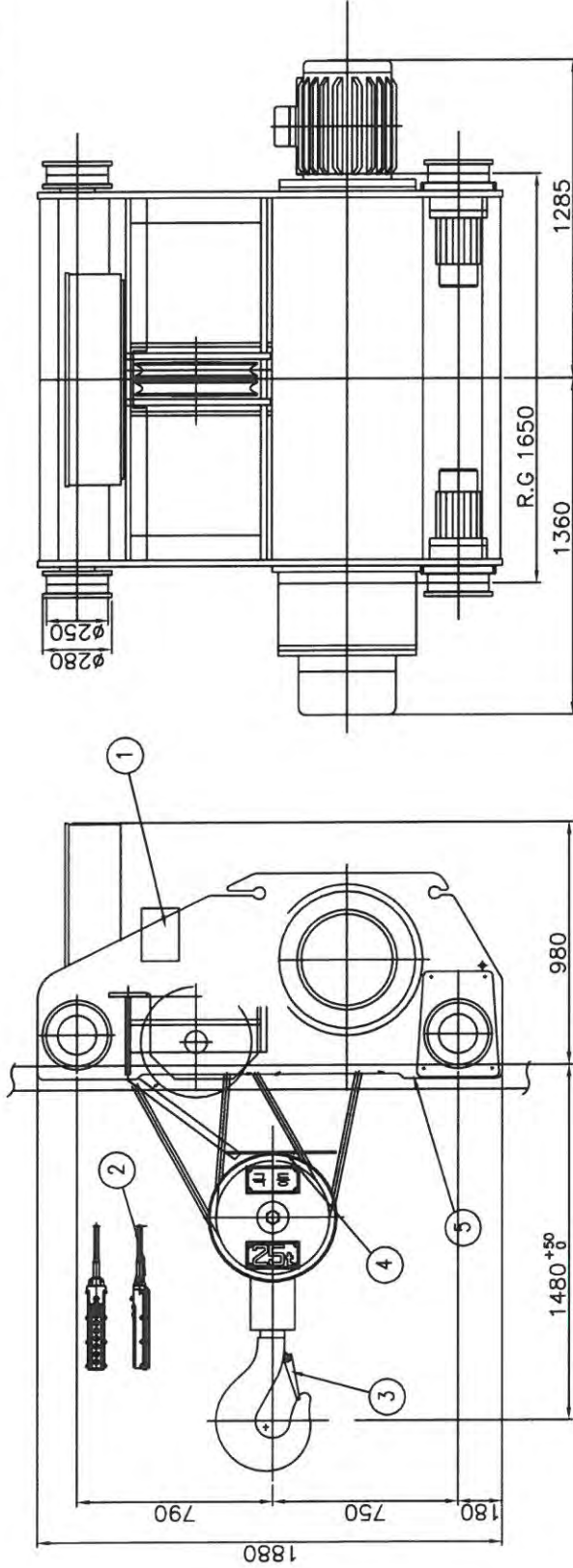
동 일 형 식 일 램 표

사업장명		구동호이스트(원)		개정일자 및 번호		인증번호		비 고
형식 및 모델				동일 형식 인정범위 및 내역				
KD25-D	형식	모델	권상속도(m/min)	회행속도(m/min)	양정(m)	회행방식		
		KD25-L12-D	고속:2.8M/MIN	고속 : 15M/MIN (2~15M/MIN) 저속 : 10M/MIN (2~10M/MIN) DUAL 고속 : 15/7.5M/MIN DUAL 저속 : 10/5M/MIN	12	모터구동식		
		KD25-L18-D			18			
		KD25-L24-D	24					
		KD25-L30-D	30					



불법복제 및 배포금지

형식	KD25-D
모델	KD25-L12-D



SPECIFICATION	
RATED LOAD	25000 KG
TESTING LOAD	31250 KG
LIFT	12 M
RATING	30 MIN
HOISTING	SPEED 2.8 M/MIN
	MOTOR 17 KW x 8 P
	SPEED 1.8 M/MIN
	MOTOR 11.5 KW x 12 P
TRAVERSING	SPEED 15 M/MIN (INVERTER 2~15 M/MIN)
	MOTOR 1.5 KW x 4 P (2UNIT)
	SPEED 10 M/MIN (INVERTER 2~10 M/MIN)
	MOTOR 1.0 KW x 6 P (2UNIT)
	SPEED 15/7.5 M/MIN
	MOTOR 1.5/7.5 KW x 4/8 P (2UNIT)
	DUAL SPEED 10/5 M/MIN
	MOTOR 1.0/0.5 KW x 6/12 P (2UNIT)
WIRE ROPE	(6x37) 620 x 6 FALLS
POWER SOURCE	AC3φ 220,380,440,480V 60Hz
POWER SOURCE	AC1φ 110,120V 60Hz
TRAVERSING RAIL	30Kg
COLOR	N7.5
WEIGHT	3450 KG

REV	DATE	DESCRIPTION	DRAWN	CHECK	APPROV
A	05 MAR 2018	REDRAWING	K.H.Han	-	-
PROJECT					
CLIENT					

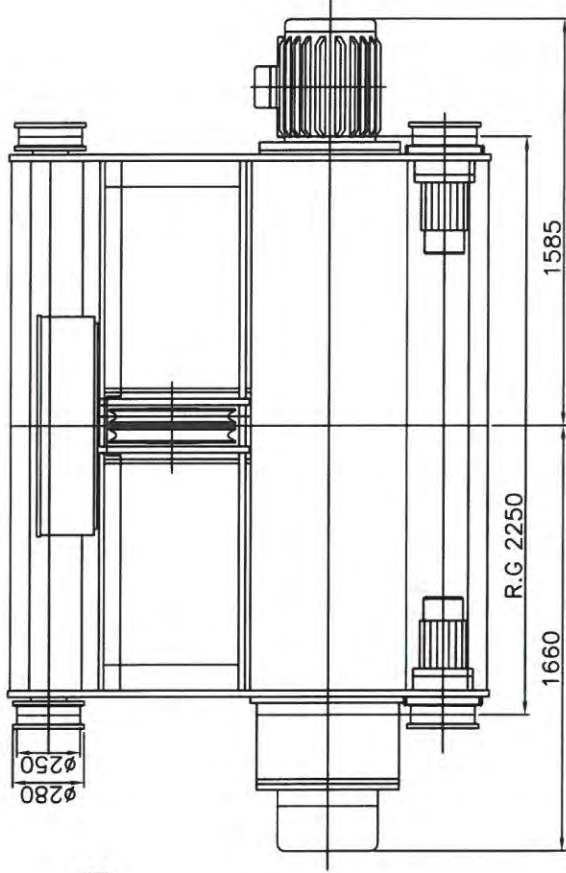
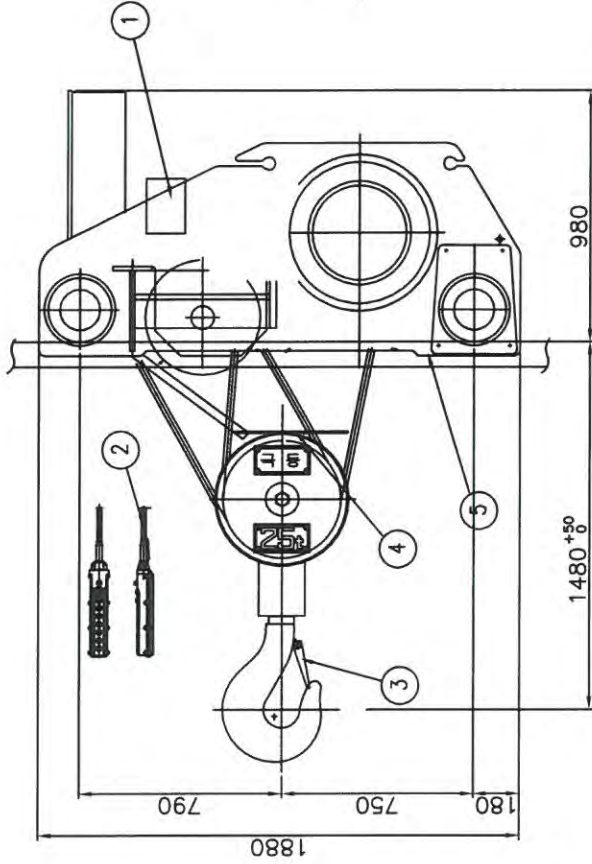


극동호이스트 주식회사
KUKDONG HOIST CO., LTD.
ASSEMBLY DRAWING
KD25-L12-D

SCALE	DWG. NO.	SHT. NO.	REV.
-	-	-	-

불법복제 및 배포금지

형식	KD25-D
모델	KD25-L18-D



SPECIFICATION	
RATED LOAD	25000 KG
TESTING LOAD	31250 KG
LIFT	18 M
RATING	30 MIN
HOISTING	
SPEED	2.8 M/MIN
MOTOR	17 KW x 6 P
SPEED	1.8 M/MIN
MOTOR	11.5 KW x 12 P
SPEED	15 M/MIN (INVERTER 2~15 M/MIN)
MOTOR	1.5 KW x 4 P (2UNIT)
SPEED	10 M/MIN (INVERTER 2~10 M/MIN)
MOTOR	1.0 KW x 6 P (2UNIT)
SPEED	15/7.5 M/MIN
DUAL	
HIGH	1.5/7.5 KW x 4/8 P (2UNIT)
DUAL	
LOW	10/5 M/MIN
MOTOR	1.0/0.5 KW x 6/12 P (2UNIT)
WIRE ROPE	(6x37) #20 x 6 FALLS
POWER SOURCE	AC3# 220,380,440,480V 60Hz
POWER SOURCE	ACT# 110,120V 60Hz
TRAVERSING RAIL	300kg
COLOR	N7.5
WEIGHT	3760 KG

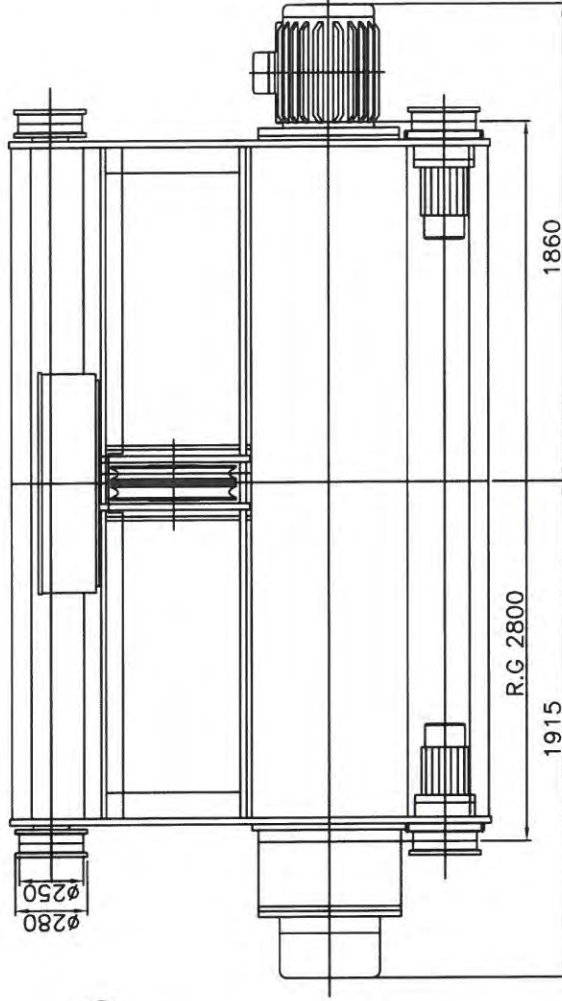
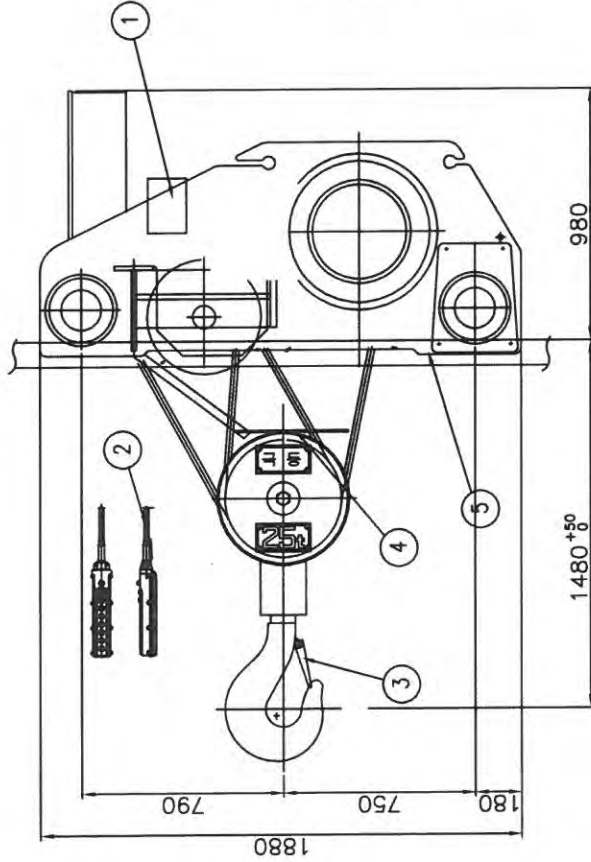


NO	DESCRIPTION	MATERIAL	QTY	SIZE	REMARK
1	LOAD LIMITER	-	1	-	
2	EMERGENCY S/W	-	1	-	
3	SAFETY LATCH	SPC	1	-	
4	UPPER LIMIT S/W	SS400	1	-	
5	RAIL	SS400	1	-	

REV	DATE	DESCRIPTION	DRAWN	CHECK	APPROV
Δ	05 MAR.2018	REDRAWING	K.H.Hun	-	-
PROJECT					
CLIENT					
MANUFACTURER					
KUDONG HOIST CO., LTD.					
TITLE					
ASSEMBLY DRAWING					
KD25-L18-D					
SCALE	DWG. NO.	SHT. NO.	REV.		
-	-	-	-		

불법복제 및 배포금지

형식	KD25-D
모델	KD25-L24-D



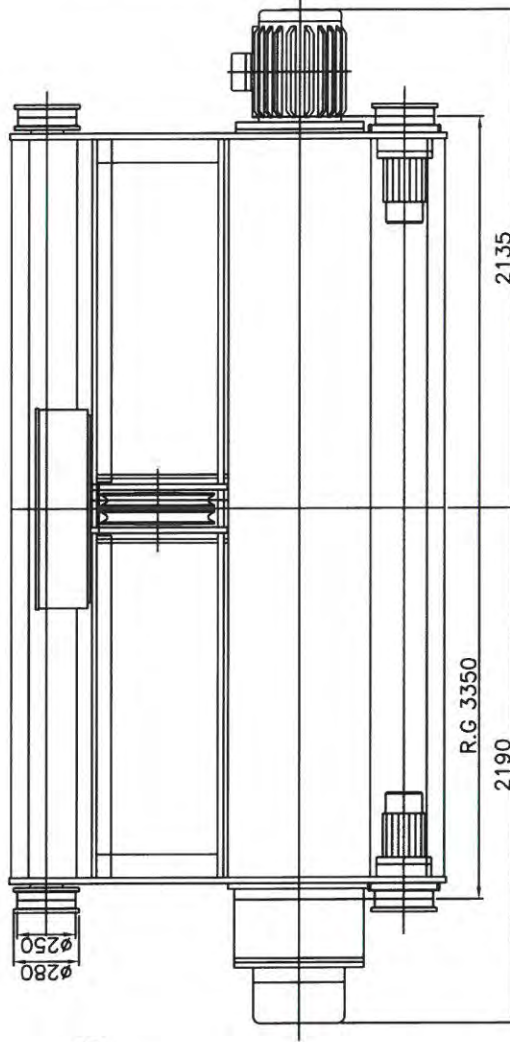
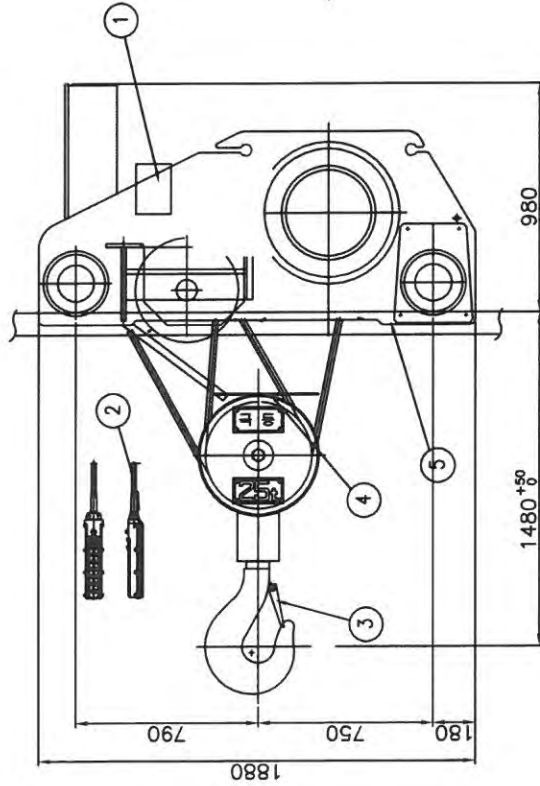
SPECIFICATION	
RATED LOAD	25000 KG
TESTING LOAD	31250 KG
LIFT	24 M
RATING	30 MIN
HOISTING	SPEED HIGH 2.6 M/MIN
	MOTOR 17 KW x 8 P
HOISTING	SPEED LOW 1.8 M/MIN
	MOTOR 11.5 KW x 12 P
TRAVERSING	SPEED HIGH 15 M/MIN (INVERTER 2-15 M/MIN)
	MOTOR 1.5 KW x 4 P (2UNIT)
TRAVERSING	SPEED LOW 10 M/MIN (INVERTER 2-10 M/MIN)
	MOTOR 1.0 KW x 6 P (2UNIT)
DUAL	SPEED HIGH 15/7.5 M/MIN
	MOTOR 1.5/7.5 KW x 4/8 P (2UNIT)
DUAL	SPEED LOW 10/5 M/MIN
	MOTOR 1.0/0.5 KW x 6/12 P (2UNIT)
WIRE ROPE	(6x37) 420 x 6 FALLS
POWER SOURCE	AC3P 220,380,440,460V 60Hz
POWER SOURCE	ACT1 110,120V 60Hz
TRAVERSING RAIL	30Kg
COLOR	N7.5
WEIGHT	4000 KG

REV	DATE	DESCRIPTION	DRAWN	CHECK	APPROVD
Δ	05 MAR 2018	REDRAWING	K.H.Hun	-	-
PROJECT					
CLIENT					
MANUFACTURER					
KUDONG HOIST CO., LTD.					
TITLE					
ASSEMBLY DRAWING					
KD25-L24-D					
SCALE	DWG. NO.	SHT. NO.	REV.		
-	-	-	-		



불법복제 및 배포금지

형식	KD25-D
모델	KD25-L30-D



SPECIFICATION			
RATED LOAD	25000 KG		
TESTING LOAD	31250 KG		
LIFT	30 M		
RATING	30 MIN		
HOISTING	SPEED	2.8 M/MIN	
	MOTOR	17 KW x 8 P	
	SPEED	1.8 M/MIN	
TRAVERSING	MOTOR	11.5 KW x 12 P	
	SPEED	15 M/MIN (INVERTER 2-15 M/MIN)	
	MOTOR	1.5 KW x 4 P (2UNIT)	
DUAL	SPEED	10 M/MIN (INVERTER 2-10 M/MIN)	
	MOTOR	1.0 KW x 8 P (2UNIT)	
	SPEED	15/7.5 M/MIN	
DUAL	MOTOR	1.5/7.5 KW x 4/8 P (2UNIT)	
	SPEED	10/5 M/MIN	
	MOTOR	1.0/0.5 KW x 8/12 P (2UNIT)	
WIRE ROPE	(6x37) φ20 x 8 FALLS		
POWER SOURCE	AC3W 220,380,440,480V 60Hz		
POWER SOURCE	ACTB 110,120V 60Hz		
TRAVERSING RAIL	30Kg		
COLOR	N7.5		
WEIGHT	4300 KG		

REV	DATE	DESCRIPTION	DRAWN	CHECK	APPROV
Δ	05-MAR-2018	REDRAWING	K.H-Han	-	-
PROJECT					
CLIENT					



극동호이스트 주식회사
KUDDONG HOIST CO., LTD.
ASSEMBLY DRAWING
KD25-L30-D

SCALE	DWG. NO.	SHT. NO.	REV.
-	-	-	-

불법복제 및 배포금지

1		2		3		4		5		6		7		8		9		10	
A		B		C		D		E		F		G		H					

극동호이스트
제한하중
25000K
사물전압:1000V
조작전압:1000V

NO	DESCRIPTION	MT'L	REMARKS
1	PANEL CASE	SPC	1.6t
2	PANEL COVER	SPC	1.6t
3	HINGE	PUR'	
4	CLAMP	PUR'	
5	SPONGE	PUR'	

IN DOOR

OUT DOOR

SPONGE

NOTE

1.PROTECTION DEGREE ;

A, INDOOR TYPE : DUST PROOF

B, OUT DOOR TYPE : SPLASH PROOF

2.FINAL PAINTING COLOR (MANSELL NO.)

A. IN SIDE : 10B 3/5

B. OUT SIDE : 10B 3/5

3.PAINTING THICKNESS : ABOVE 40 um

4.APPLICATION VOLTAGE : 220V, 380V, 440V, 460V, 480V

5.세어용전선 : 1.5sq KIV, HIV

6.외함 개발 구조는 다음과 같다.

1). 외함 개방시 충전 부분이 차단 되도록 한다.

2). 외함 개방후 충전 되어있는 부분은 IP2X 이상의 직접 접촉 방호가 되어있을것.

SELECTION	HOIST CAPACITY	DESCRIPTION	IN DOOR			OUT DOOR			REMARK
			A	B	L	A	B	L	
	25 TON	NORMAL	650	220	850	650	220	850	
		CREEP	650	220	850	650	220	850	

CUSTOMER

TITLE

HOISTING CONTROL BOX

LAY-OUT

극동호이스트 주식회사
KUKDONG HOIST CO., LTD.

DWG. NO.

KD25EB00

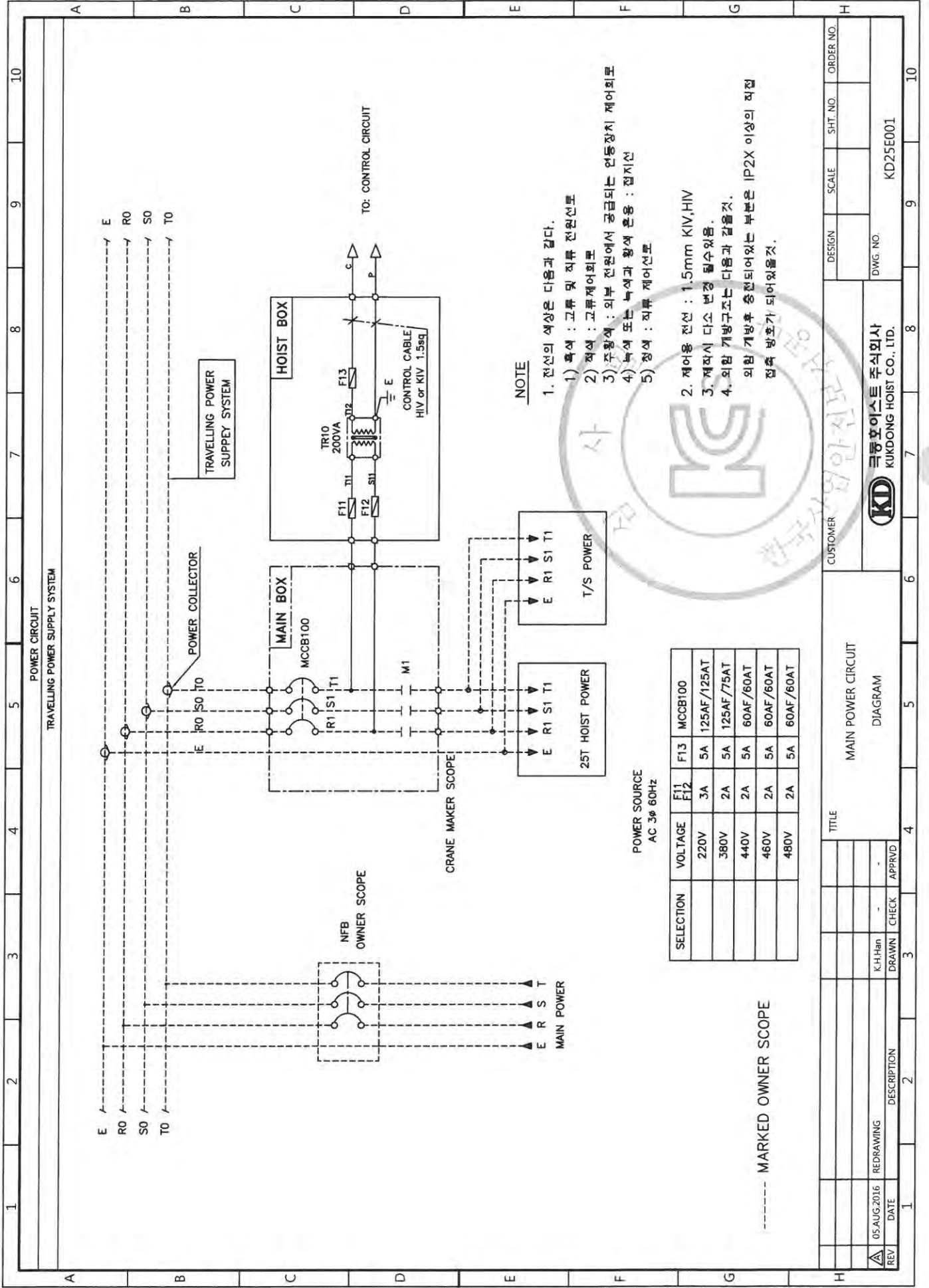
REV	DATE	DESCRIPTION	DRAWN	CHECK	APPRVD
05	AUG.2016	REDRAWING	K.H.Han	-	-

102

18B 11 51

2016-08-08 10:00

불법복제 및 배포금지



불법복제 및 배포금지

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
1	CHASSIS PLATE		1	아 연 도 금
2	CABLE DUCT	-	1	
3	MAGNET CONTACT	MC-100a	1	MAIN MAG.
4	MAGNET CONTACT	MC-185a	2	HOISTING
5	MAGNET CONTACT	DMC22b	2	TRAVERSING
7	SILICON RECTIFIER	SR-60	1	HOISTING
8	SILICON RECTIFIER	SR-30	1	TRAVERSING
9	E.O.C.R	SS-100	1	HOISTING
10	E.O.C.R	SS-30	1	TRAVERSING
11	MCCB100	125AF/125AT	1	LS-2
12	UPPER LIMIT	AC 600V/3A	1	LS-1
13	LIMIT LEVER	SS400	1	
14	FUSE (F11,F12)	3 A	2	
15	FUSE (F13)	5 A	1	
16	TRANSFORMER	220V/110(120)V, 200VA	1	
17	TERMINAL BLOCK	100A,25A		
18	TERMINAL BLOCK	15A		
19	EARTH TERMINAL	5x25x50	1	

NOTE 1. 전선의 색상은 다음과 같다.

1) 흑색 : 교류 및 직류 전원선로

2) 적색 : 교류제어선

3) 주황색 : 외부 전원에서 공급되는 연동장치 제어회로

4) 녹색 또는 노색과 황색 혼용 : 접지선

2. CABLE MATERIAL : L MIN SIZE : 1.5sq

3. 제어용 전선 : 1.5mm KIV.HIV

4. 제작시 디스 변경 필수있음.

5. 외함 개방구조는 다음과 같을것.

1) 외함 개방시 충전부분이 차단되도록 할것.

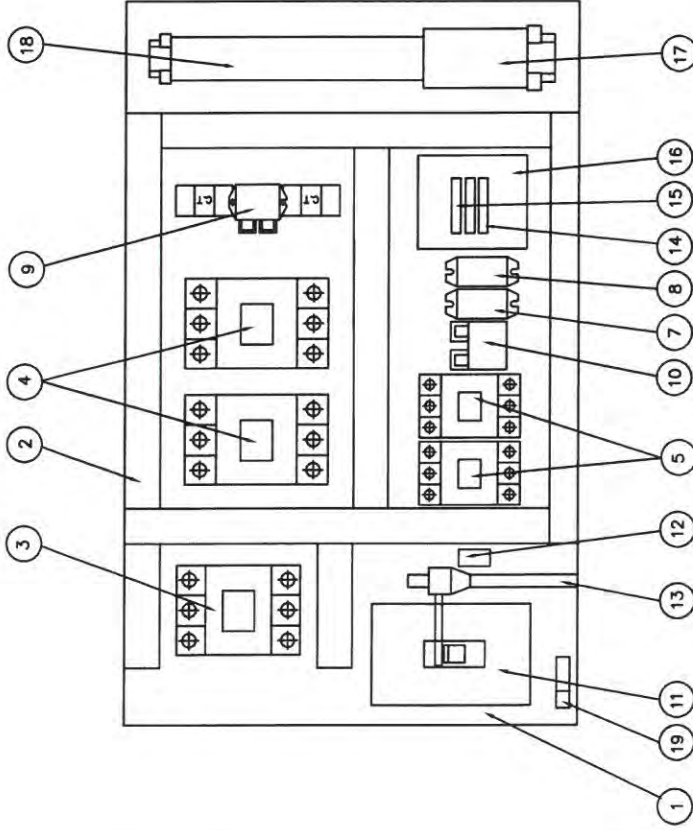
2) 외함 개방후 충전되어있는 부분은 IP2X 이상의 직접 접촉 방호가 되어있을것.

NOTE

1. UPPER LIMIT LS-1,LS-2의 접점 허용 전류 용량 : AC 600V, 75A

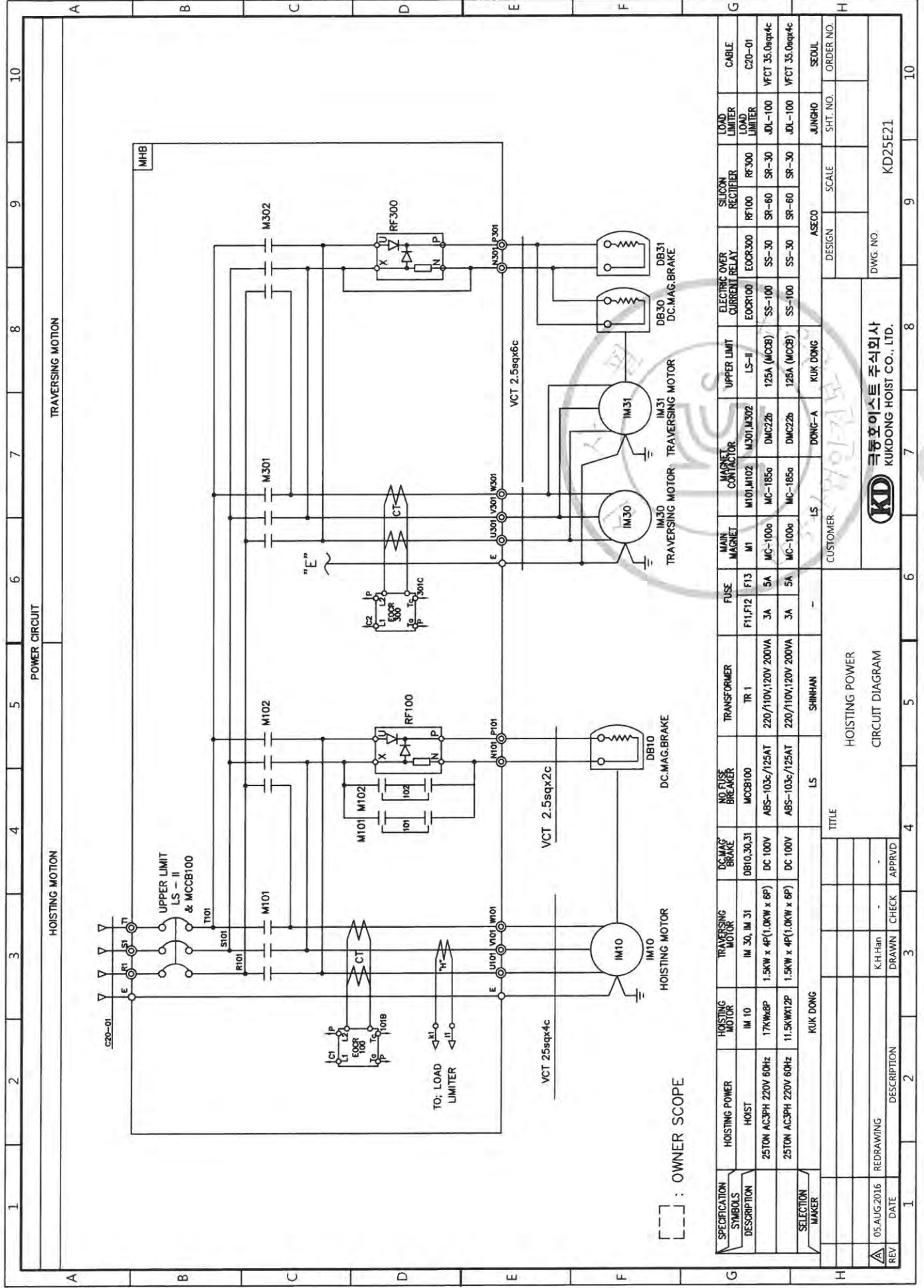
2. POWER SOURCE : AC. 3φ 220V 60HZ

3. EARTH TERMINAL RESISTANCE : 0.018 Ω



CUSTOMER		TITLE		CREEP HOIST CONTROL BOX		ARRANGEMENT DRAWING		SCALE		SHT. NO.		ORDER NO.	
KUD		KUDONG HOIST CO., LTD.		KUDONG HOIST CO., LTD.		KUDONG HOIST CO., LTD.		DWG. NO.		KD25BA21			
REV	DATE	DESCRIPTION	DRAWN	CHECK	APPRVD								
05 AUG 2016		REDRAWING	K.H.Han	-	-								

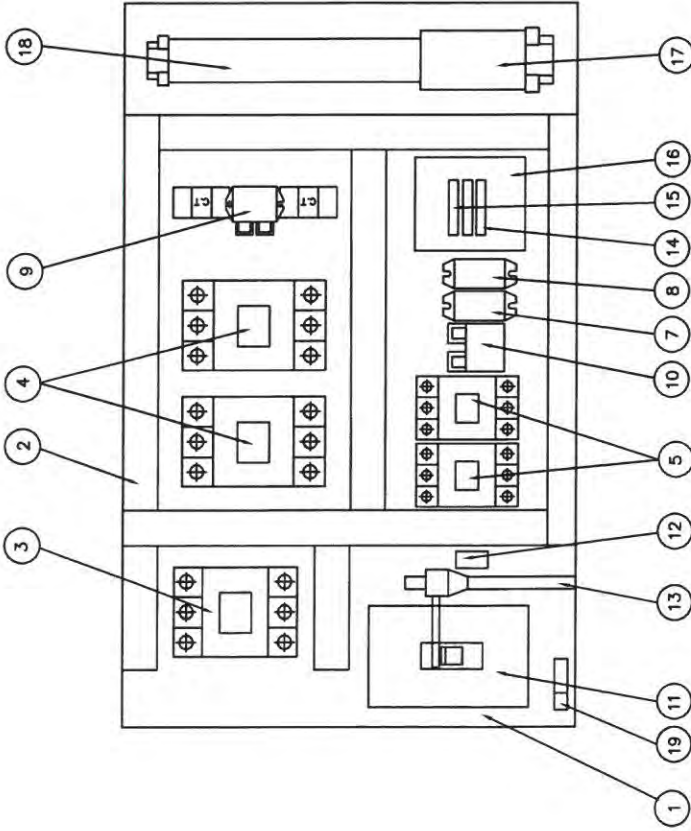
불법복제 및 배포금지



불법복제 및 배포금지

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
1	CHASSIS PLATE		1	아 연 도 금
2	CABLE DUCT	-	1	
3	MAGNET CONTACT	DMC65	1	MAIN MAG.
4	MAGNET CONTACT	MC-130a	2	HOISTING
5	MAGNET CONTACT	DMC22b	2	TRAVERSING
7	SILICON RECTIFIER	SR-60	1	HOISTING
8	SILICON RECTIFIER	SR-30	1	TRAVERSING
9	E.O.C.R	SS-60	1	HOISTING
10	E.O.C.R	SS-30	1	TRAVERSING
11	MCCB100	125AF/75AT	1	LS-2
12	UPPER LIMIT	AC 600V/3A	1	LS-1
13	LIMIT LEVER	SS-41	1	
14	FUSE (F11,F12)	2 A	2	
15	FUSE (F13)	5 A	1	
16	TRANSFORMER	380V/110(120)V, 200VA	1	
17	TERMINAL BLOCK	60A,25A		
18	TERMINAL BLOCK	15A		
19	EARTH TERMINAL	51x25x50	1	

- NOTE 1. 전선의 색상은 다음과 같다.
- 1) 흑색 : 교류 및 직류 전원선
 - 2) 적색 : 교류제어선
 - 3) 파랑색 : 외부 전원에서 공급되는 연동장치 제어회로
 - 4) 녹색 또는 노색과 황색 혼용 : 접지선
2. CABLE MATERIAL : KIV OR EQUIVALENT
3. 제어용 전선 : 1.5mm KIV,HIV
4. 제라시 다소 변경 필수있음.
5. 외함 개방후 증전되어있는 부분은 IP2X 이상의 직접 접촉 방호가 되어있음.

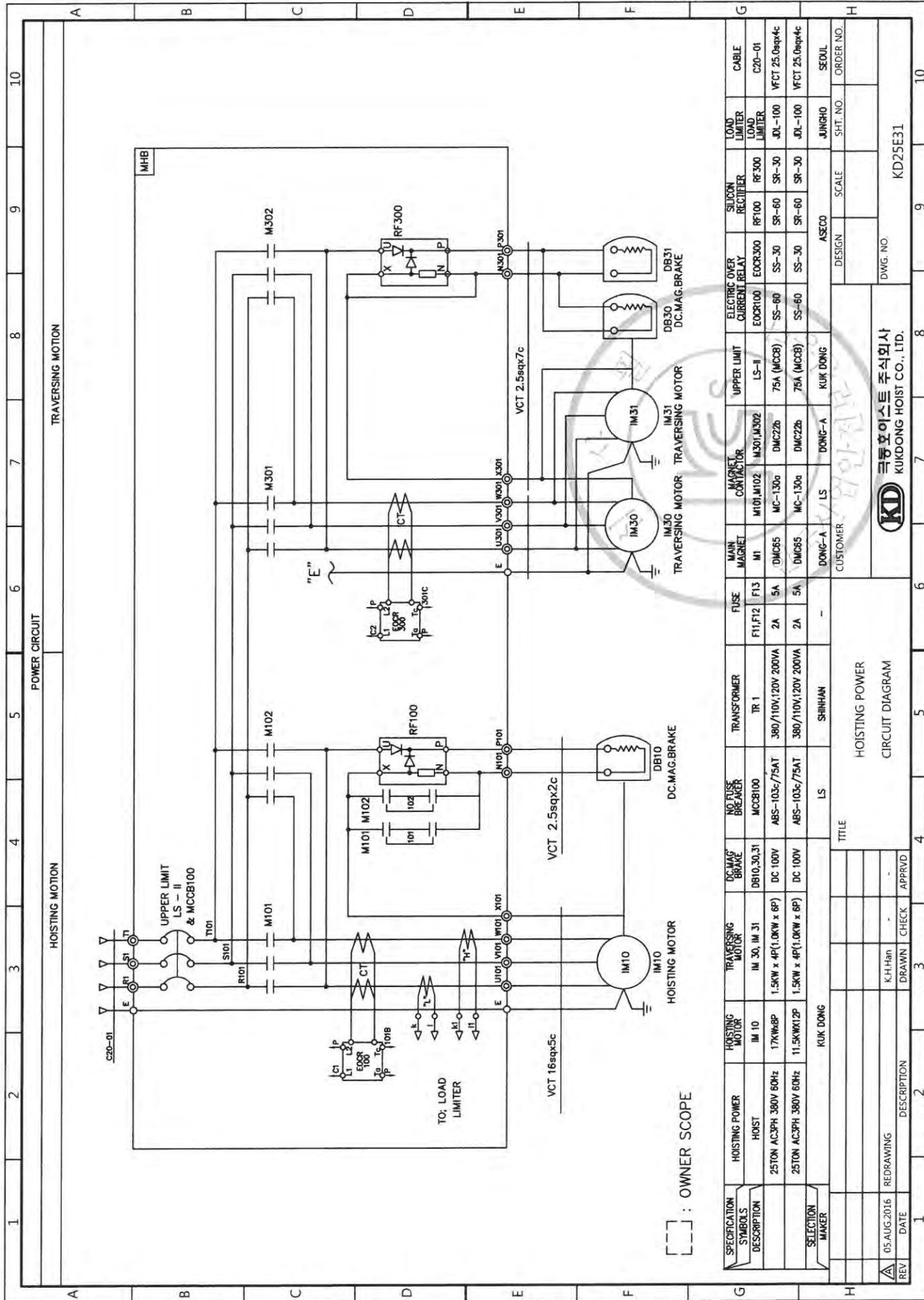


- NOTE
1. UPPER LIMIT LS-1,LS-2의 접점 허용 전류 용량 : AC 600V, 75A
 2. POWER SOURCE : AC. 3ø 380V 60HZ
 3. EARTH TERMINAL RESISTANCE : 0.018 Ω



CUSTOMER		TITLE		CREEP HOIST CONTROL BOX		ARRANGEMENT DRAWING		SCALE		SHT. NO.		ORDER NO.	
KUDONG HOIST CO., LTD.		K.H.Han		DRAWN		CHECK		APPROV		DWG. NO.		KD25BA31	
REV		DATE		DESCRIPTION		REV		DATE		DESCRIPTION		REV	
05.AUG.2016		K.H.Han		REDRAWING		05.AUG.2016		K.H.Han		REDRAWING		05.AUG.2016	

불법복제 및 배포금지



불법복제 및 배포금지

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
1	CHASSIS PLATE		1	이 연 도 금
2	CABLE DUCT	-	1	
3	MAGNET CONTACT	DMC65	1	MAIN MAG.
4	MAGNET CONTACT	MC-130a	2	HOISTING
5	MAGNET CONTACT	DMC22b	2	TRAVERSING
7	SILICON RECTIFIER	SR-60	1	HOISTING
8	SILICON RECTIFIER	SR-30	1	TRAVERSING
9	E.O.C.R	SS-60	1	HOISTING
10	E.O.C.R	SS-30	1	TRAVERSING
11	MCCB100	60AF/60AT	1	LS-2
12	UPPER LIMIT	AC 600V/3A	1	LS-1
13	LIMIT LEVER	SS-41	1	
14	FUSE (F1,F12)	2 A	2	
15	FUSE (F13)	5 A	1	
16	TRANSFORMER	440V/110(120)V,200VA	1	
17	TERMINAL BLOCK	60A,25A		
18	TERMINAL BLOCK	15A		
19	EARTH TERMINAL	5tX25X50	1	

NOTE 1. 전선의 색상은 다음과 같다.

1) 흑색 : 교류 및 직류 전원선로

2) 적색 : 교류제어선

3) 자황색 : 외부 전원에서 공급되는 연동장치 제어회로

4) 녹색 또는 녹색과 황색 혼합 : 접지선

2. CABLE MATERIAL : KIV OR EQUIVALENT

3. 제어용 전선 : 1.5mm KIV,HIV

4. 제작시 다소 변경 필수있음.

5. 외함 개방후 증전부분이 차단되도록 함것.

1) 외함 개방시 증전부분이 차단되도록 함것.

2) 외함 개방후 증전되어있는 부분은 IP2X 이상의 직접 접촉 방호가 되어있을것.

NOTE

1. UPPER LIMIT LS-1,LS-2의 직접 허용 전류 용량 : AC 600V, 75A

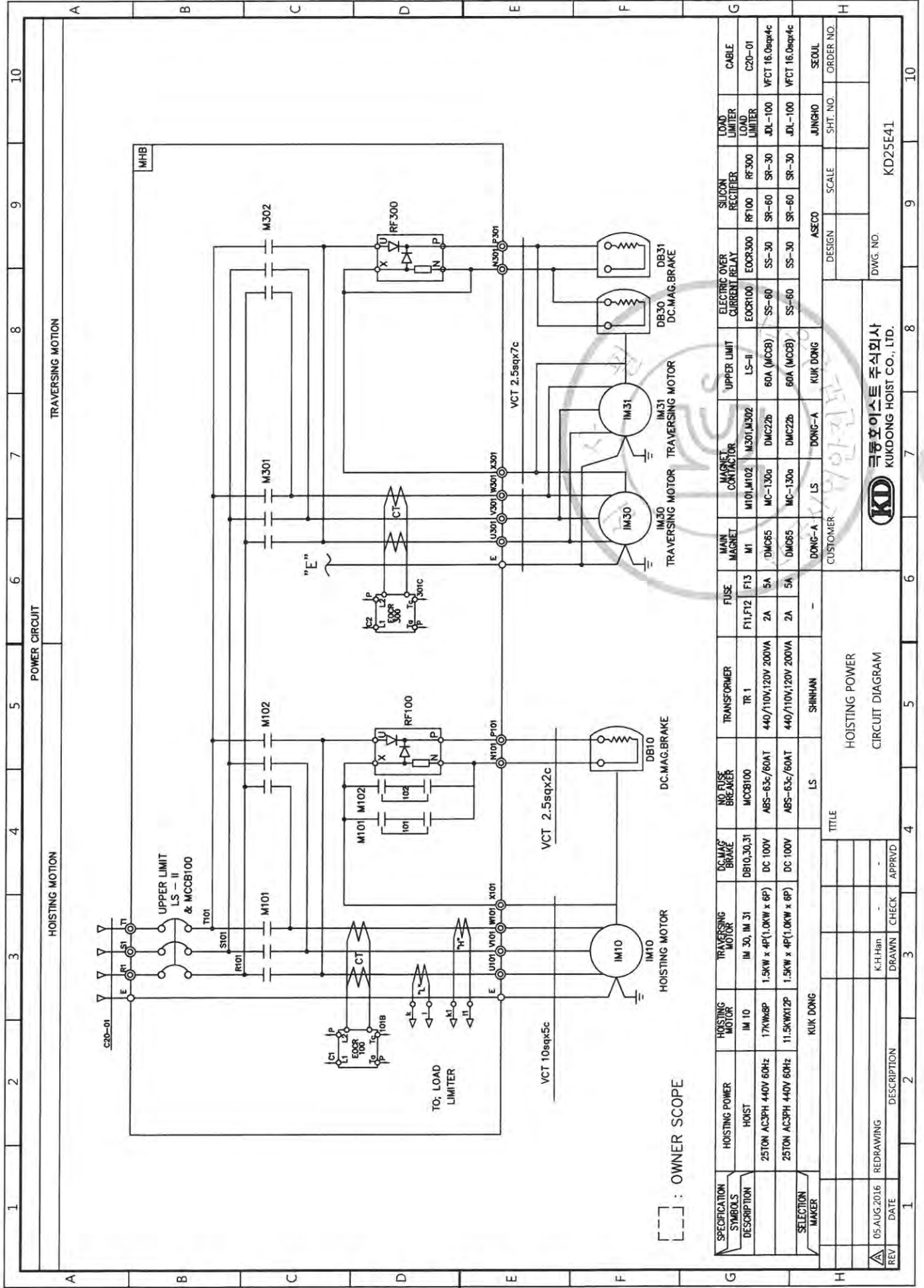
2. POWER SOURCE : AC. 3 ϕ 440V 60HZ

3. EARTH TERMINAL RESISTANCE : 0.018 Ω



REV	DATE	DESCRIPTION	DRAWN	CHECK	APPROV	TITLE	CUSTOMER	DESIGN	SCALE	SHT. NO.	ORDER NO.
1	05.AUG.2016	REDRAWING	K.H.Han	-	-	CREEP HOIST CONTROL BOX ARRANGEMENT DRAWING	극동호이스트 주식회사 KUKDONG HOIST CO., LTD.				
							DWG. NO.	KD25BA41			

불법복제 및 배포금지



[] : OWNER SCOPE

REV	DATE	DESCRIPTION	DRAWN	CHECK	APPROVD	TITLE	LS	SHINHAN	TRANSFORMER	FUSE	MAIN MAGNET	MAGNET CONTACTOR	UPPER LIMIT	ELECTRIC OVER CURRENT RELAY	SILICON RECTIFIER	LOAD LIMITER	CABLE
1	05 AUG. 2016	REDRAWING	K.H.Han	-	-	HOISTING POWER CIRCUIT DIAGRAM	LS	SHINHAN	TR 1	F1, F12, F13	M1	M101, M102	LS-II	EOCR100	RF100	RF300	C20-01
2									440/110V, 120V 200VA	2A	DMC65	MC-130a	60A (MCCB)	SS-60	SR-60	SR-100	VCT 16.0sqx4c
3									440/110V, 120V 200VA	2A	DMC65	MC-130a	60A (MCCB)	SS-60	SR-60	SR-100	VCT 16.0sqx4c
4									440/110V, 120V 200VA	2A	DMC65	MC-130a	60A (MCCB)	SS-60	SR-60	SR-100	VCT 16.0sqx4c
5									440/110V, 120V 200VA	2A	DMC65	MC-130a	60A (MCCB)	SS-60	SR-60	SR-100	VCT 16.0sqx4c
6									440/110V, 120V 200VA	2A	DMC65	MC-130a	60A (MCCB)	SS-60	SR-60	SR-100	VCT 16.0sqx4c
7									440/110V, 120V 200VA	2A	DMC65	MC-130a	60A (MCCB)	SS-60	SR-60	SR-100	VCT 16.0sqx4c
8									440/110V, 120V 200VA	2A	DMC65	MC-130a	60A (MCCB)	SS-60	SR-60	SR-100	VCT 16.0sqx4c
9									440/110V, 120V 200VA	2A	DMC65	MC-130a	60A (MCCB)	SS-60	SR-60	SR-100	VCT 16.0sqx4c
10									440/110V, 120V 200VA	2A	DMC65	MC-130a	60A (MCCB)	SS-60	SR-60	SR-100	VCT 16.0sqx4c

KD KUKDONG HOIST CO., LTD.

KD25E41

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불법복제 및 배포금지

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
1	CHASSIS PLATE		1	아 전 도 금
2	CABLE DUCT	-	1	
3	MAGNET CONTACT	DMC65	1	MAIN MAG.
4	MAGNET CONTACT	MC-130a	2	HOISTING
5	MAGNET CONTACT	DMC22b	2	TRAVERSING
7	SILICON RECTIFIER	SR-60	1	HOISTING
8	SILICON RECTIFIER	SR-30	1	TRAVERSING
9	E.O.C.R	SS-60	1	HOISTING
10	E.O.C.R	SS-30	1	TRAVERSING
11	MCCB100	60AF/60AT	1	LS-2
12	UPPER LIMIT	AC 600V/3A	1	LS-1
13	LIMIT LEVER	SS-4t	1	
14	FUSE (F1,F12)	2 A	2	
15	FUSE (F13)	5 A	1	
16	TRANSFORMER	460V/110(120)V,200VA	1	
17	TERMINAL BLOCK	60A,25A		
18	TERMINAL BLOCK	15A		
19	EARTH TERMINAL	5tX25x50	1	

NOTE 1. 전선의 색상은 다음과 같다.

1) 흑색 : 교류 및 직류 전원선로
2) 적색 : 교류제어선
3) 주황색 : 외부 전원에서 공급되는 연동장치 제어회로
4) 녹색 또는 녹색과 황색 혼용 : 접지선

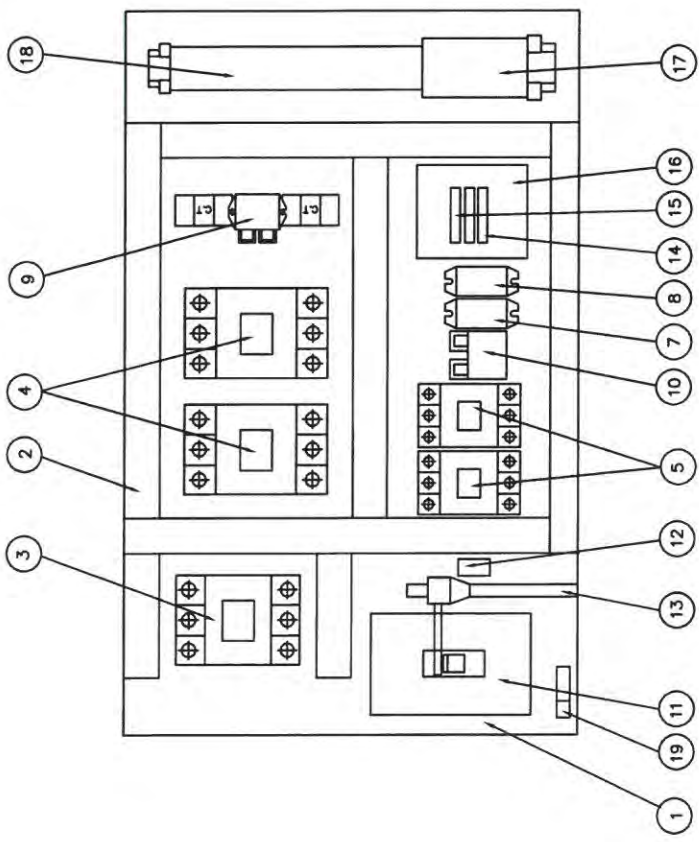
2. CABLE MATERIAL : KIV OR EQUIVALENT
MIN SIZE : 1.5sq

3. 제어용 전선 : 1.5mm KIV,HIV

4. 제라시 디소 변경 필수있음.

5. 외함 개방구조는 다음과 같음것.

1) 외함 개방시 충전부분이 차단되도록 할것.
2) 외함 개방후 충전되어있는 부분은 IP2X 이상의 직접 접촉 방호가 되어있을것.



NOTE

1. UPPER LIMIT LS-1,LS-2의 직접 허용 전류 용량 : AC 600V, 75A

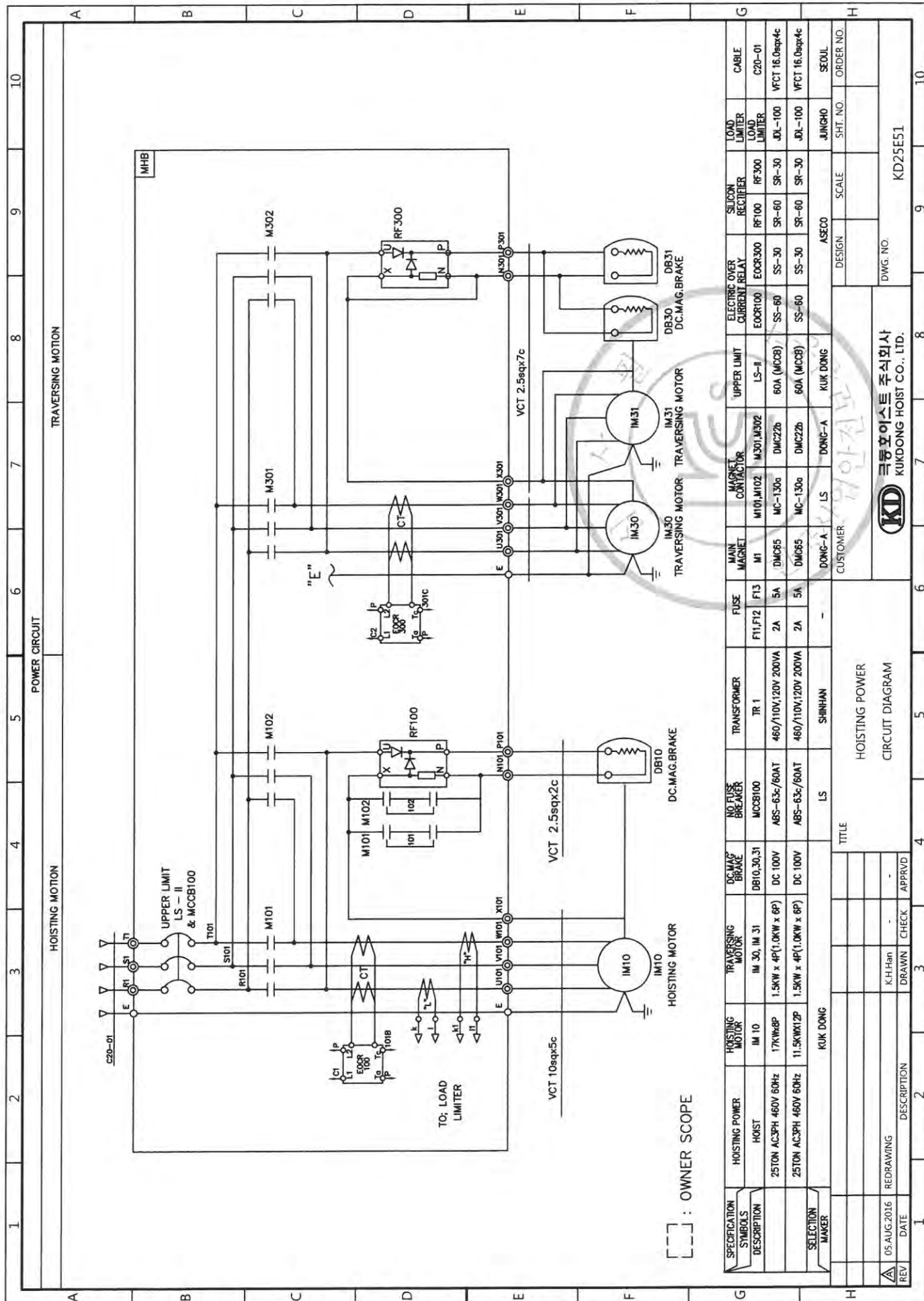
2. POWER SOURCE : AC 3φ 460V 60HZ

3. EARTH TERMINAL RESISTANCE : 0.018 Ω

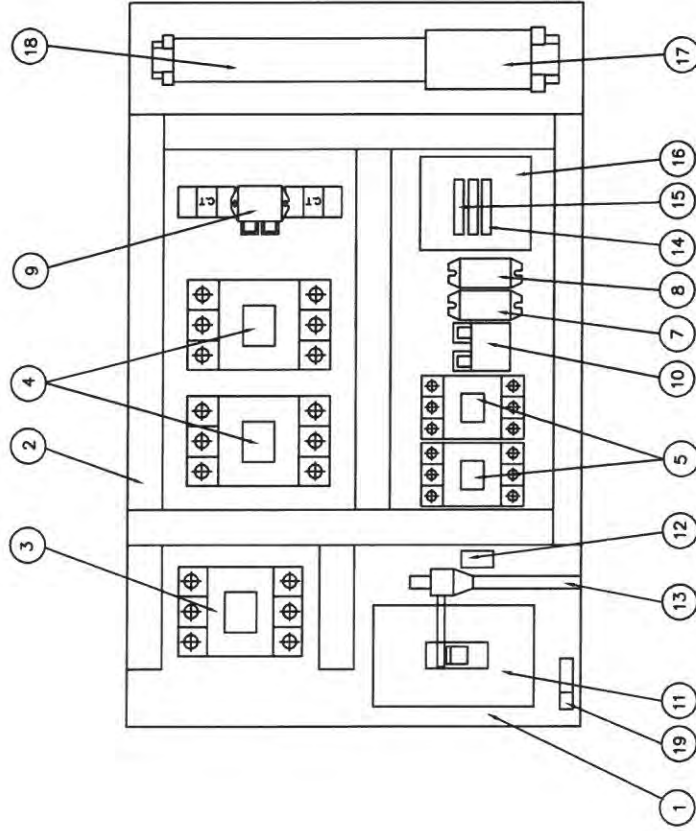


CUSTOMER		TITLE		CREEP HOIST CONTROL BOX		ARRANGEMENT DRAWING	
KUDONG HOIST CO., LTD.		K.H.Han		DRAWN		CHECK	
DWG. NO.		DESCRIPTION		DATE		REV	
KD25BA51				05.AUG.2016		A	
DESIGN		SCALE		SHT. NO.		ORDER NO.	

불법복제 및 배포금지



물류법제 및 택배금지



NOTE

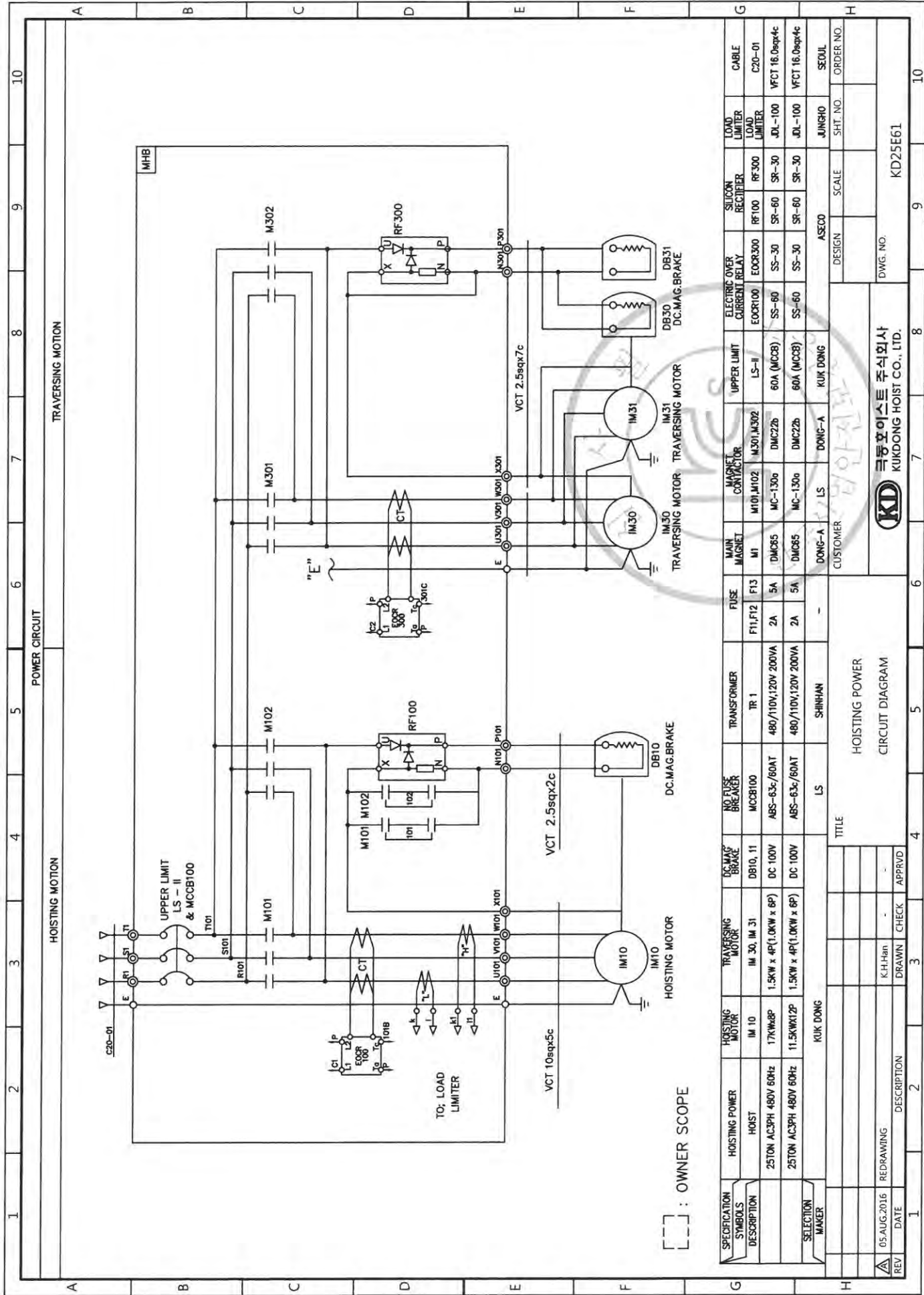
1. UPPER LIMIT LS-1,LS-2의 접점 허용 전류 용량 : AC 600V, 75A
2. POWER SOURCE : AC. 3 ϕ 480V 60HZ
3. EARTH TERMINAL RESISTANCE : 0.018 Ω

NOTE 1. 전선의 색상은 다음과 같다.

- 1) 흑색 : 고무 및 지류 전원신로
 - 2) 적색 : 고무제어선
 - 3) 주황색 : 외부 전원에서 공급되는 연동장치 제어선로
 - 4) 녹색 또는 녹색과 황색 혼합 : 접지선
2. CABLE MATERIAL : KIV OR EQUIVALENT
- MIN SIZE : 1.5sq
3. 제어용 전선 : 1.5mm KIV,HIV
 4. 제어시 다중 번정 필수있음.
 5. 외함 개방구조는 다음과 같을것.
- 1) 외함 개방시 충전부분이 차단되도록 할것.
 - 2) 외함 개방후 충전되어있는 부분은 IP2X 이상의 직접 접촉 방호가 되어

[illegible]

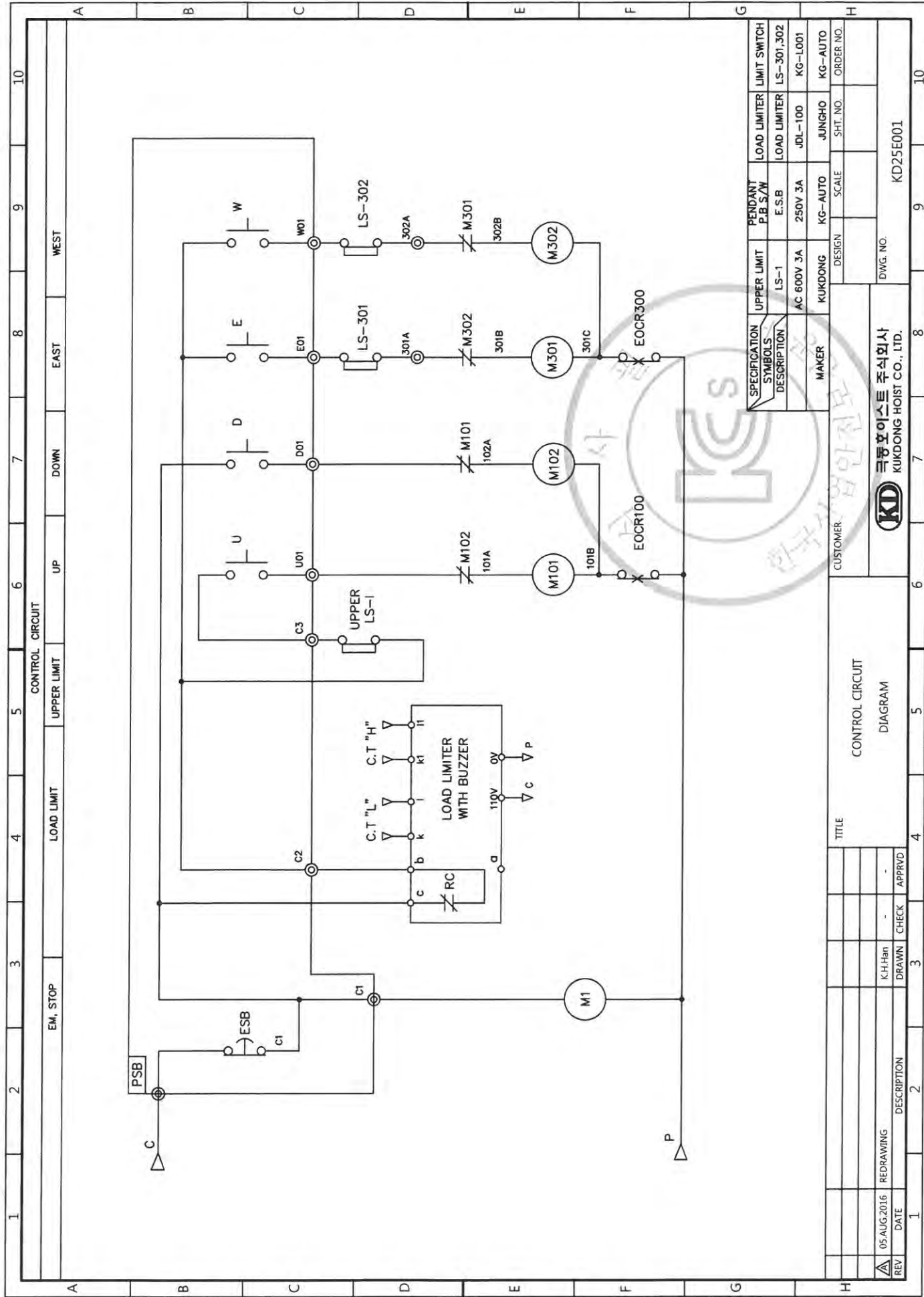
불법복제 및 배포금지



SPECIFICATION SYMBOLS		HOISTING POWER	HOISTING MOTOR	TRAVERSING MOTOR	DC MAG. BRAKE	NO FUSE BREAKER	TRANSFORMER	FUSE	MAIN MAGNET	MAGNET CONTACTOR	UPPER LIMIT	ELECTRIC OVER CURRENT RELAY	SILICON RECTIFIER	LOAD LIMITER	CABLE				
DESCRIPTION		HOIST	IM 10	IM 30, IM 31	DB10, 11	MCCB100	TR 1	F11, F12	M1	M101, M102	LS-II	EOCR100	RF100	LOAD LIMITER	C20-01				
		25TON AC3PH 480V 60Hz	17KWx8P	1.5KW x 4P(1.0KW x 8P)	DC 100V	ABS-63z/60AT	480/110V/120V 200VA	2A	DMC65	MC-130a	60A (MCCB)	SS-60	SR-60	JUL-100	VFCT 16.0sqx4c				
SELECTION		25TON AC3PH 480V 60Hz	11.5KWx12P	1.5KW x 4P(1.0KW x 8P)	DC 100V	ABS-63z/60AT	480/110V/120V 200VA	2A	DMC65	MC-130a	60A (MCCB)	SS-60	SR-60	JUL-100	VFCT 16.0sqx4c				
MAKER		KUK DONG			LS			SHINHAN			-			KUK DONG		SEOUL			
		TITLE																	
		HOISTING POWER																	
		CIRCUIT DIAGRAM																	
REV		DATE	DESCRIPTION	DRAWN	CHECK	APPROV	 크동호이스트 주식회사 KUKDONG HOIST CO., LTD.									DWG. NO.		KD25E61	
05-AUG-2016		REDRAWING	K.H.Han																

100-106-151 / 2016-06-23 10

불법복제 및 배포금지



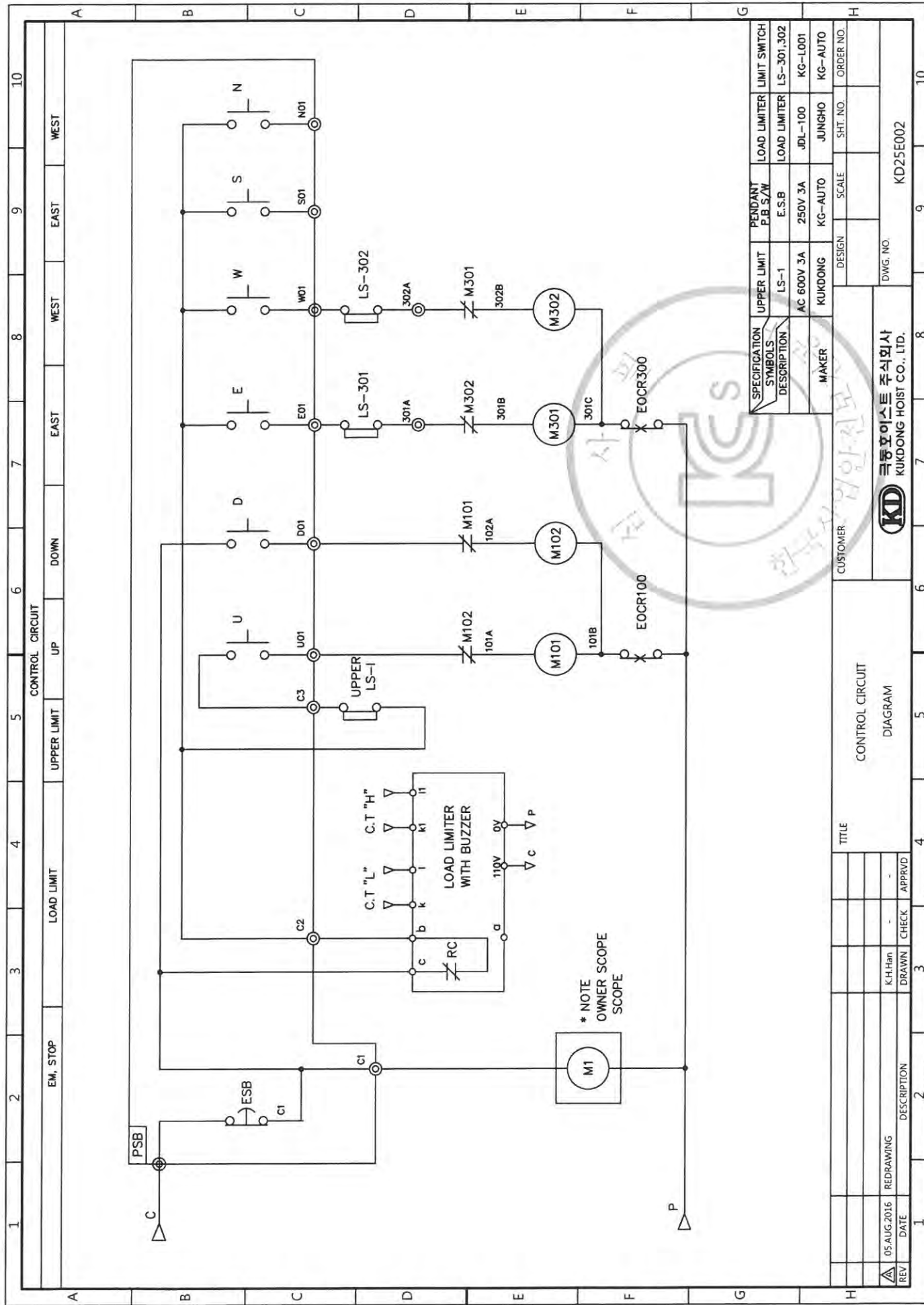
SPECIFICATION SYMBOLS	UPPER LIMIT	PENDANT P.B. S/W	LOAD LIMITER	LIMIT SWITCH
DESCRIPTION	LS-1	E.S.B	LOAD LIMITER	LS-301,302
MAKER	AC 600V 3A	250V 3A	JDL-100	KG-L001
CUSTOMER	KUKDONG	KG-AUTO	JUNGHO	KG-AUTO
TITLE	DESIGN	SCALE	SHT. NO.	ORDER NO.
CONTROL CIRCUIT				
DIAGRAM				
REDRAWING				
DATE				
REV				

크동호이스트 주식회사
KUKDONG HOIST CO., LTD.

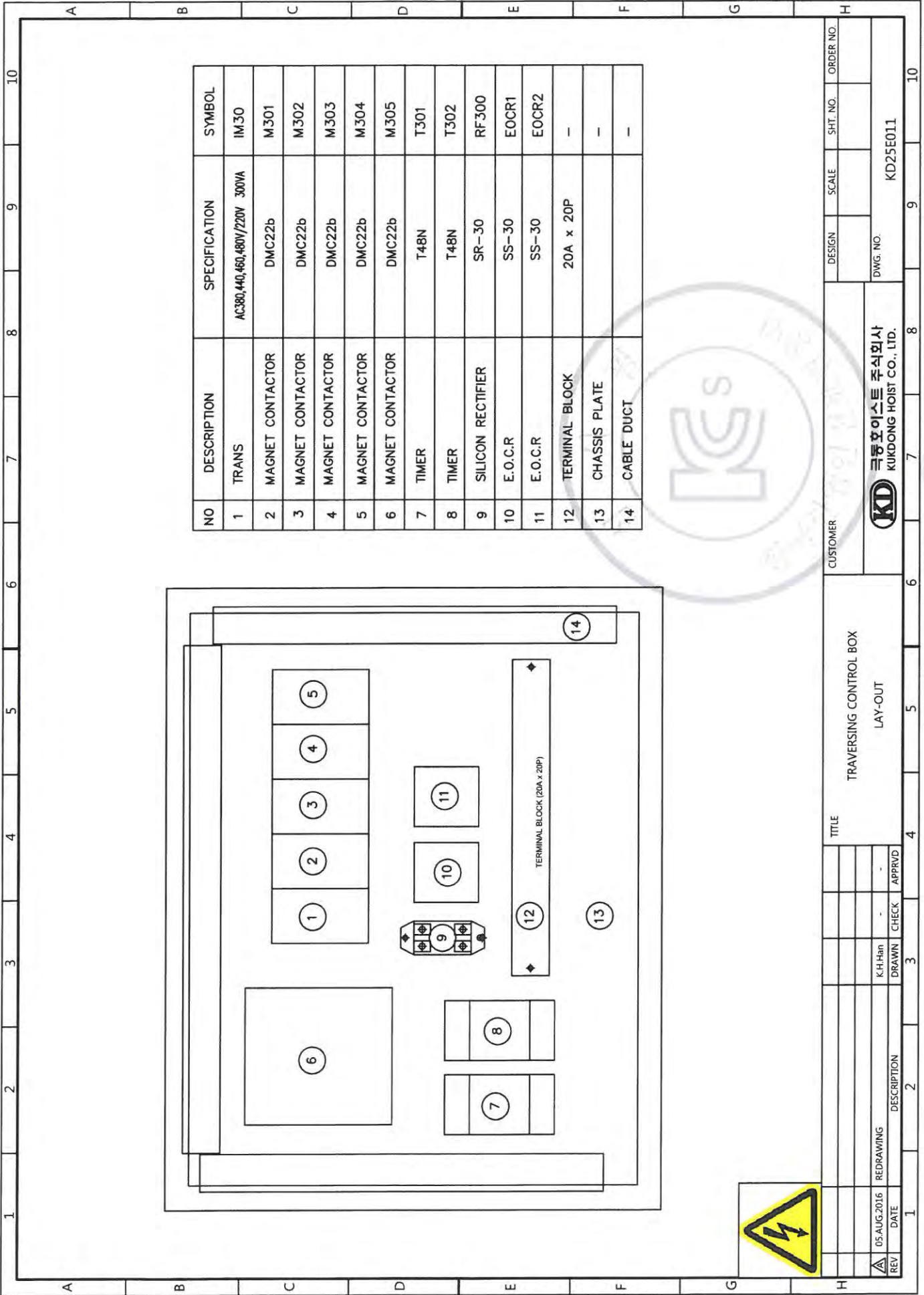
DWG. NO. KD25E001

102 100 11.5 2018-03-10

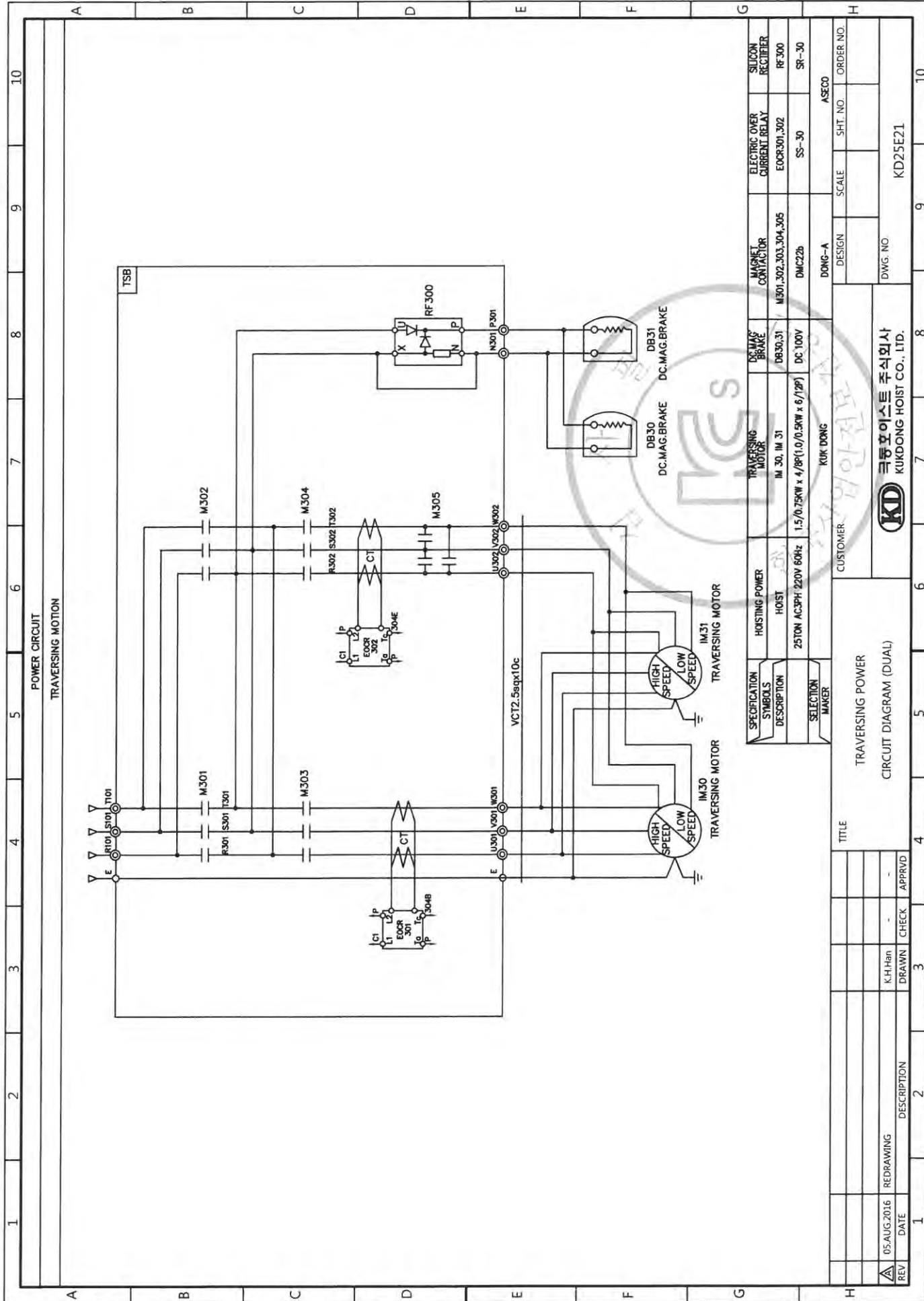
법률사무소 배포금지



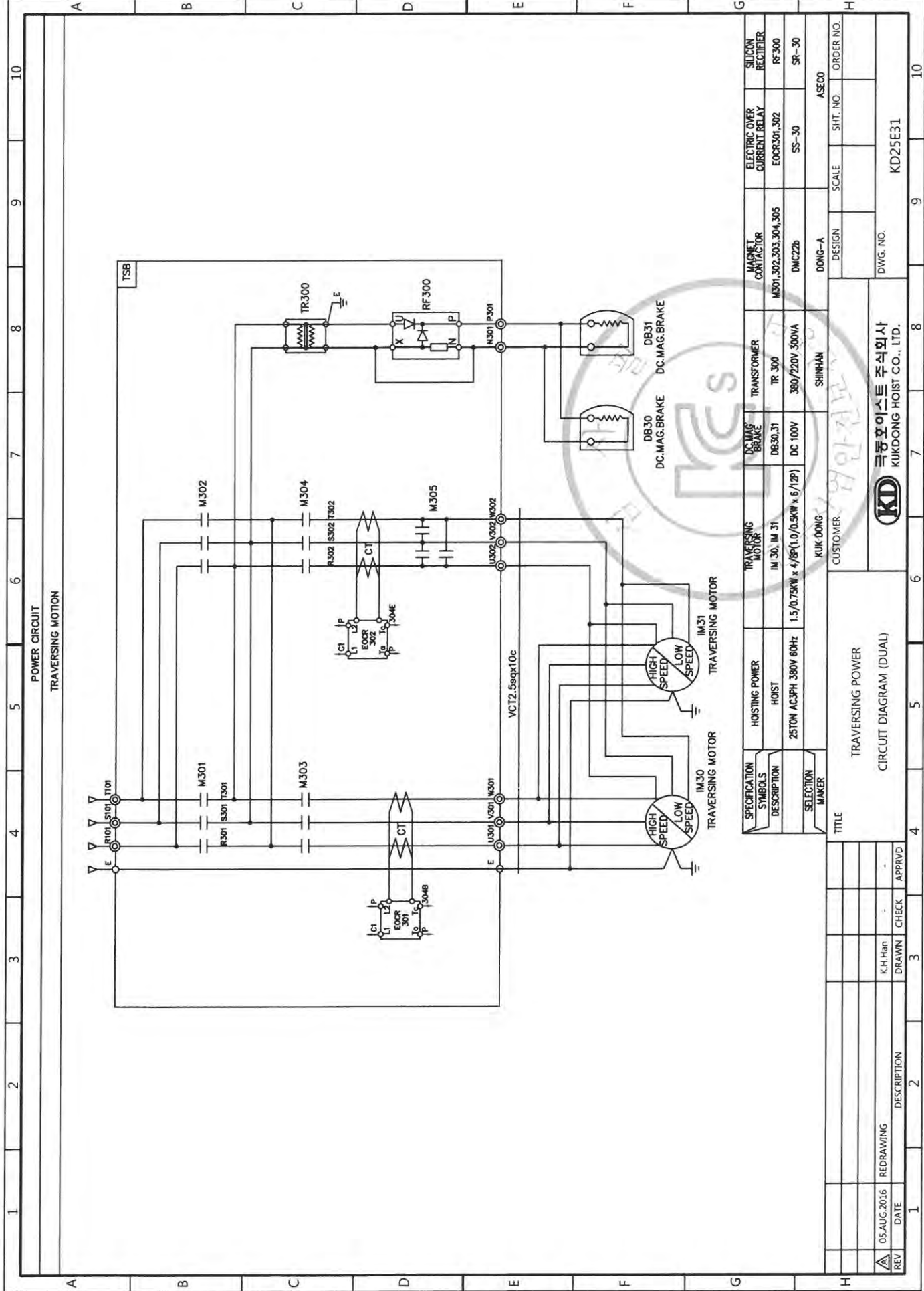
불법복제 및 배포금지



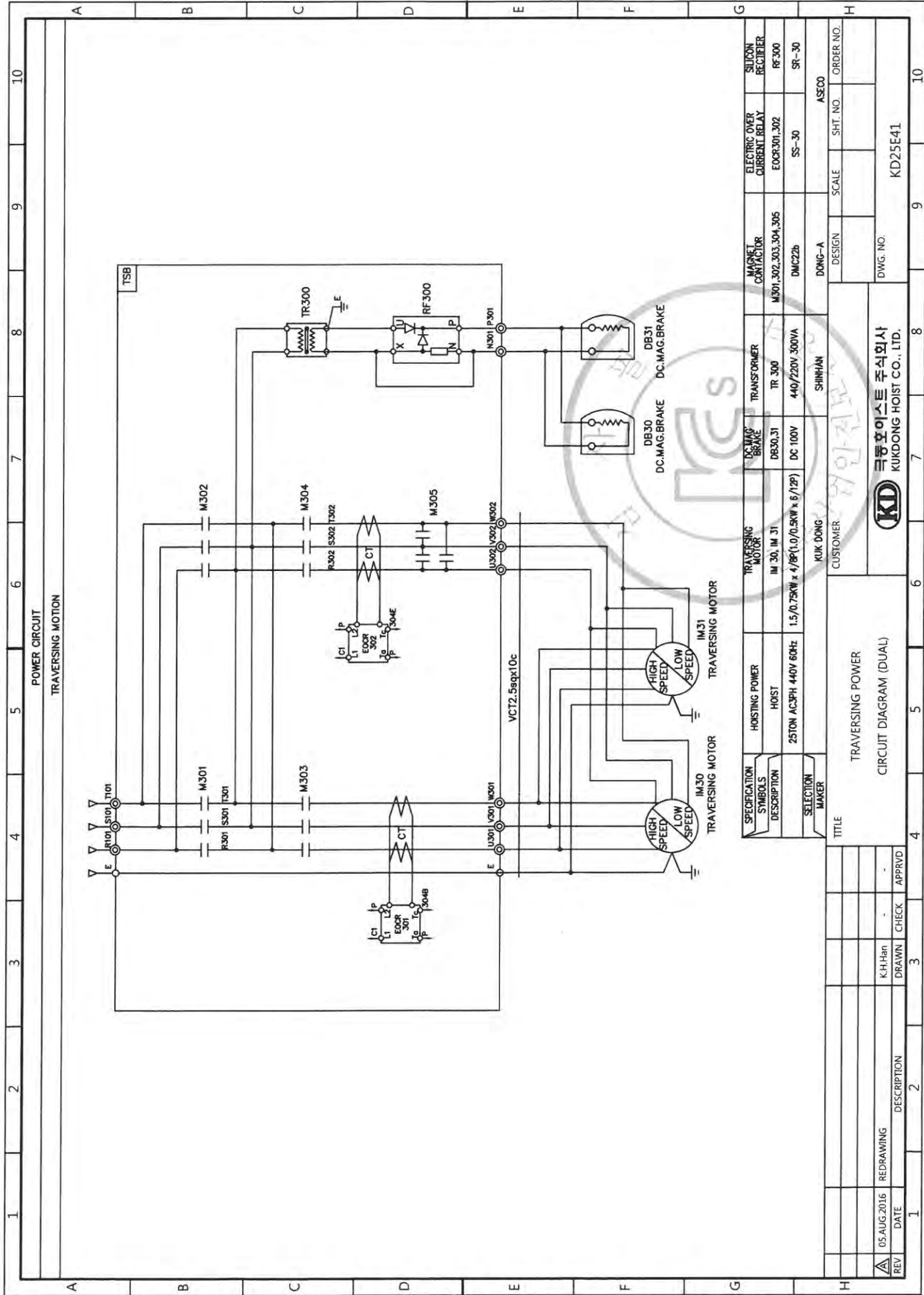
불법복제 및 배포금지



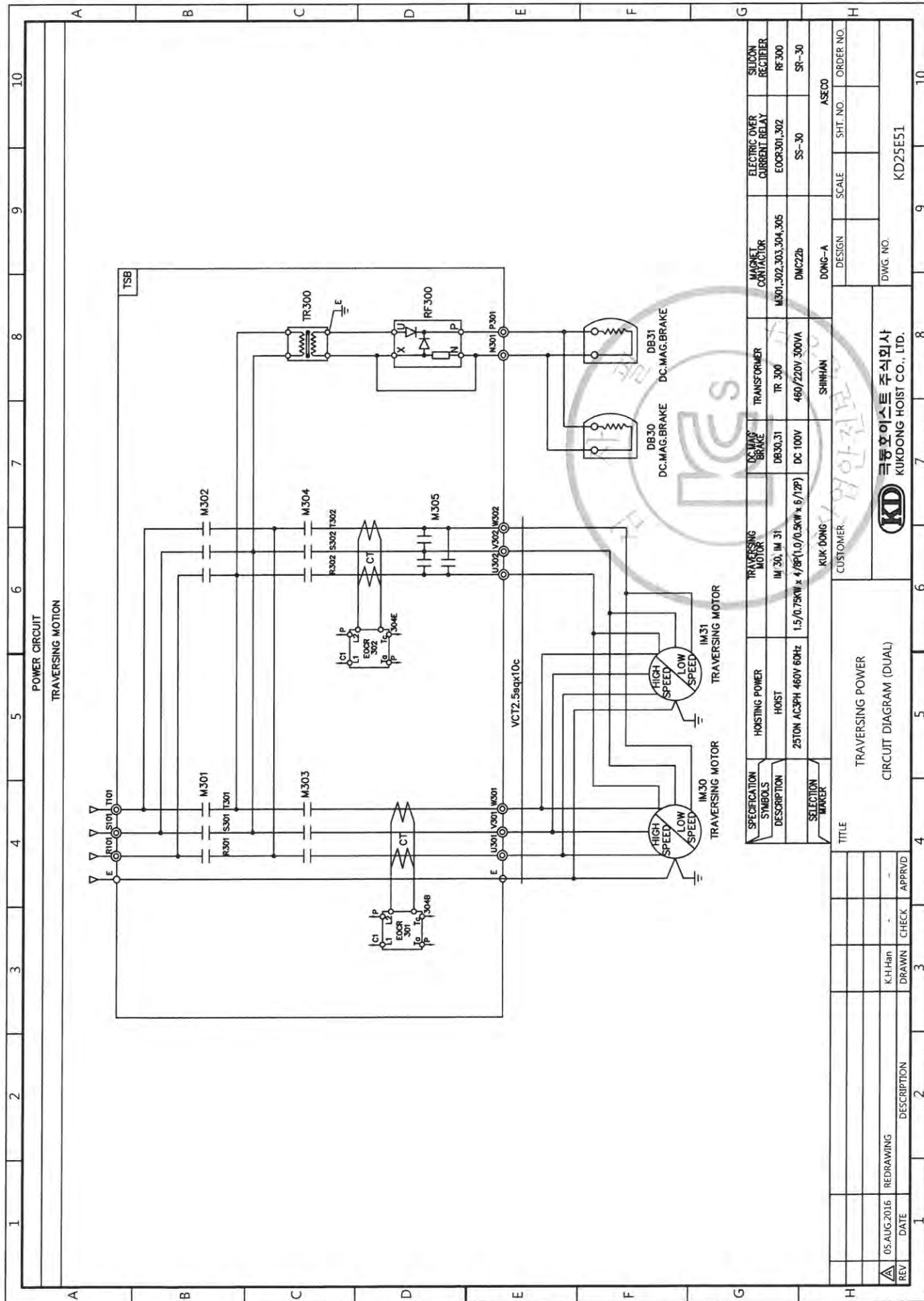
불법복제 및 배포금지



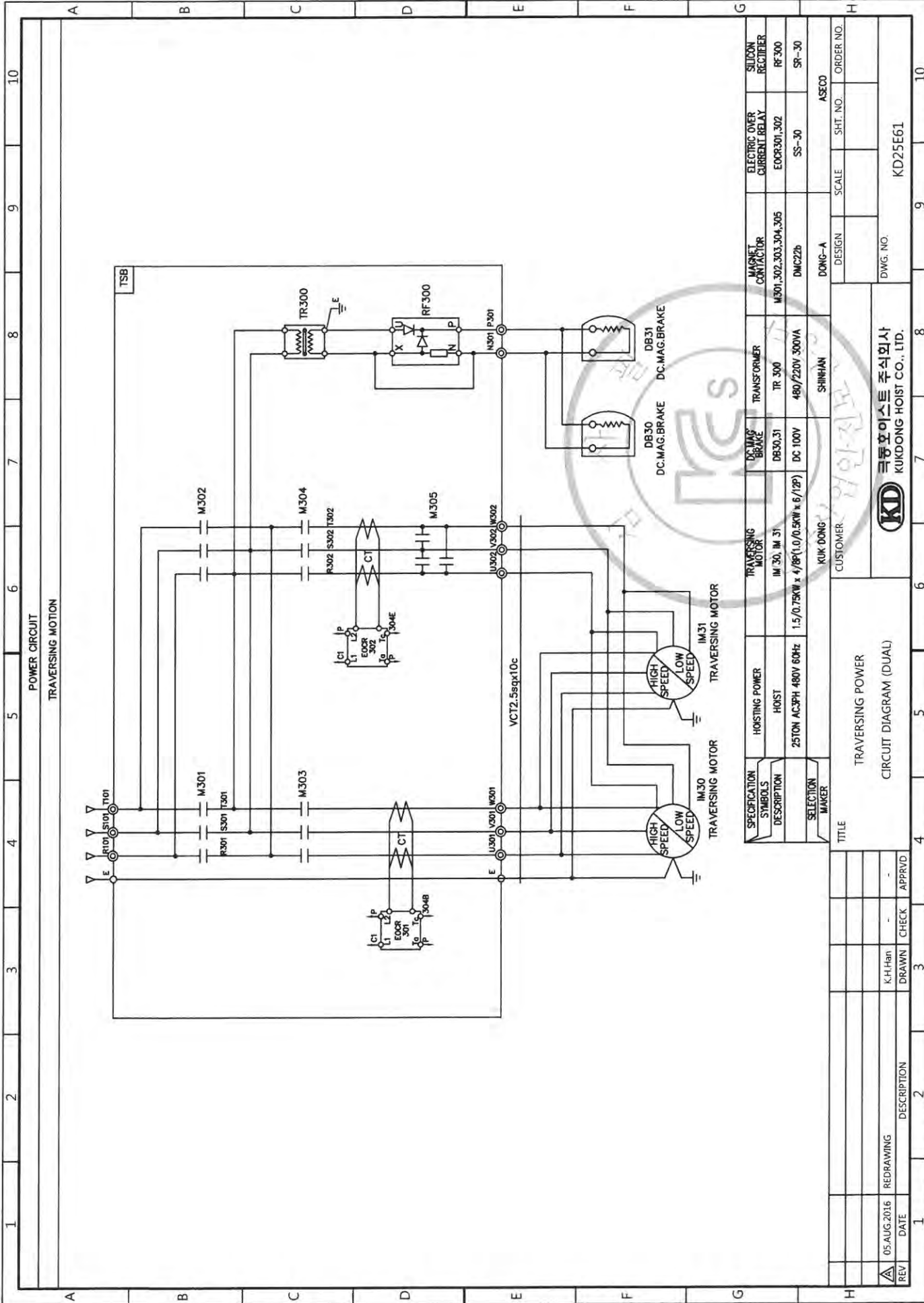
불법복제 및 배포금지



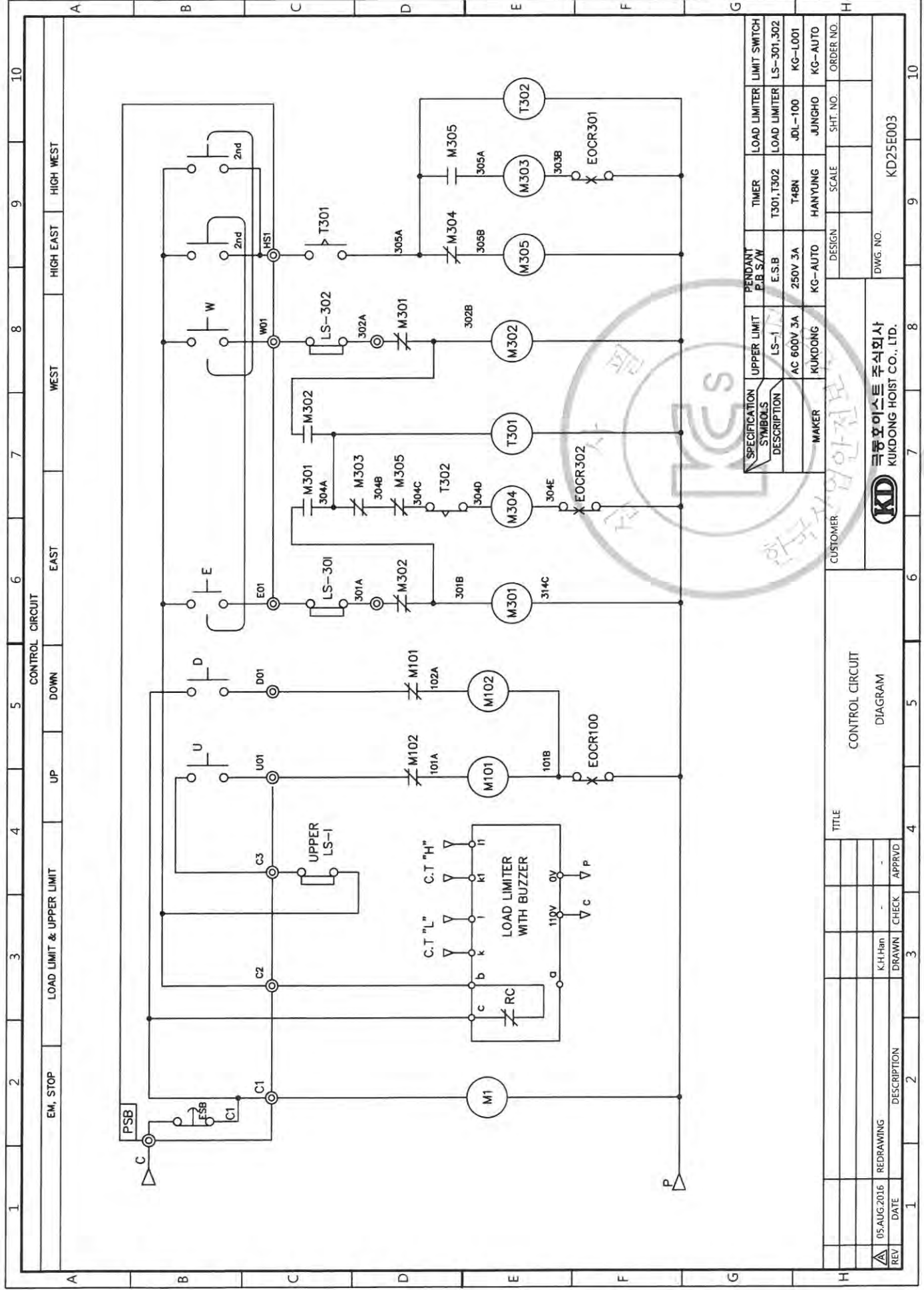
특별법 제정 및 배포금지



불법복제 및 배포금지



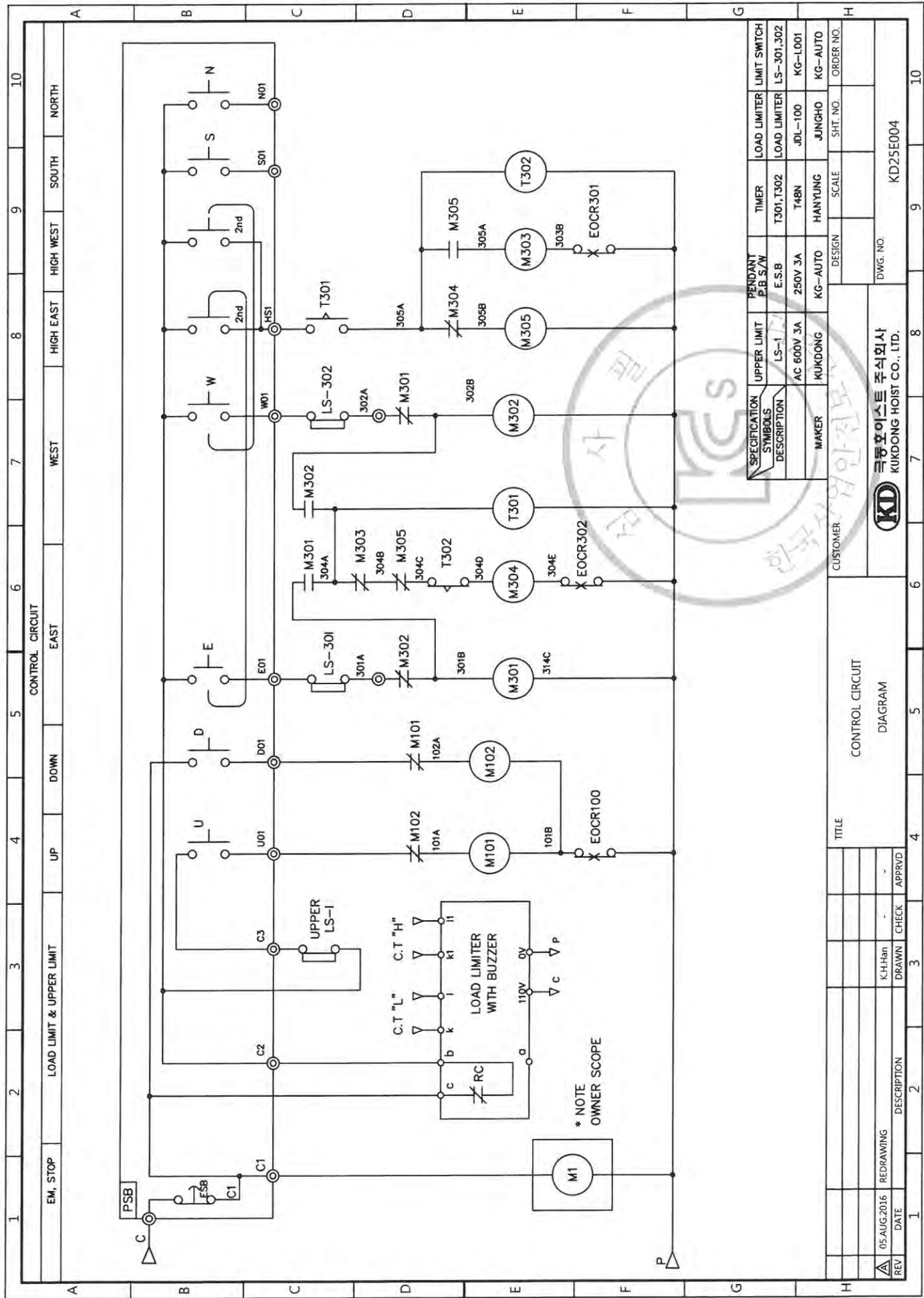
불법복제 및 배포금지



SPECIFICATION SYMBOLS	UPPER LIMIT	PENDANT P/B S/W	TIMER	LOAD LIMITER	LIMIT SWITCH
DESCRIPTION	LS-1	E.S.B	T301, T302	LOAD LIMITER	LS-301, 302
MAKER	AC 600V 3A	250V 3A	T48N	JDL-100	KG-L001
	KUKDONG	KG-AUTO	HANYUNG	JUNGHO	KG-AUTO
CUSTOMER	KUDONG HOIST CO., LTD.				
TITLE	CONTROL CIRCUIT DIAGRAM				
DATE	05.AUG.2016	REDRAWING	DATE	05.AUG.2016	REDRAWING
REV	1		REV	1	

100 100 100 100 100 100 100 100 100 100

불법복제 및 배포금지



SPECIFICATION SYMBOLS	UPPER LIMIT	PENDANT P/B S/W	TIMER	LOAD LIMITER	LIMIT SWITCH
DESCRIPTION	LS-1	E.S.B	T301, T302	LOAD LIMITER	LS-301, 302
MAKER	AC 600V 3A	250V 3A	T48N	JDL-100	KG-L001
	KUKDONG	KG-AUTO	HANYUNG	JUNGHO	KG-AUTO
CUSTOMER	DESIGN SCALE SHT. NO. ORDER NO.				
KUDONG HOIST CO., LTD.					KD25E004
DWG. NO.					

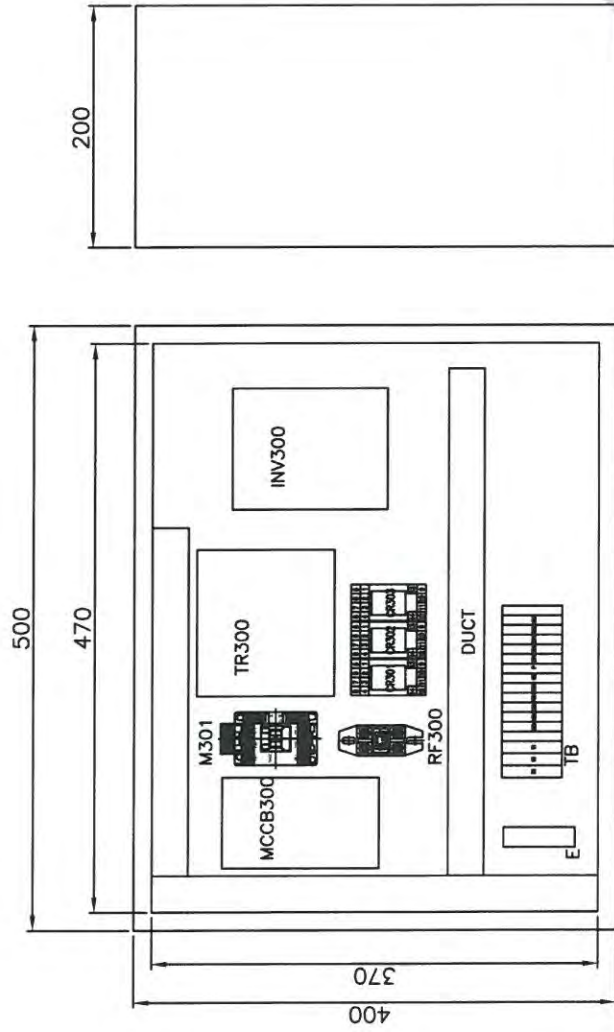
CONTROL CIRCUIT
DIAGRAM

TITLE

REV	DATE	DESCRIPTION	DRAWN	CHECK	APPROV
1	05.AUG.2016	REDRAWING	K.H.Han	-	-

192.168.1.10 / 2018-04-05 10:04

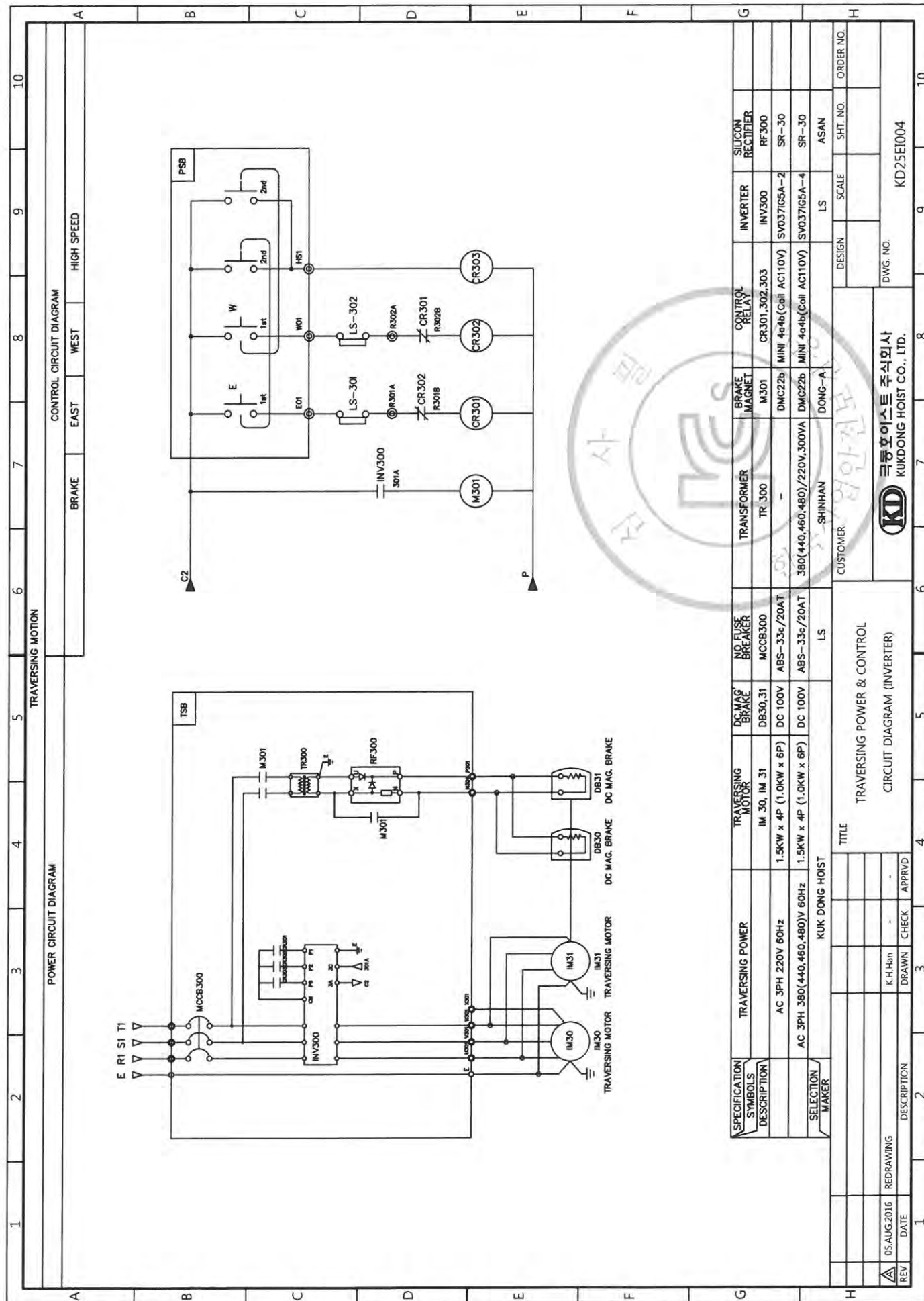
법률 제 및 배포 금지



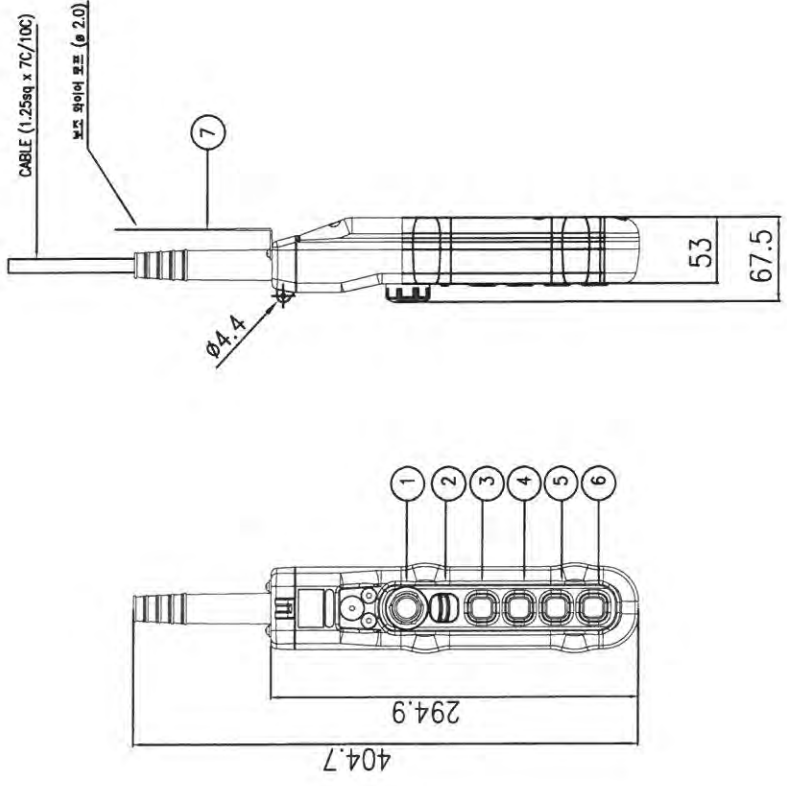
NO.	DESCRIPTION	MT'L	QT'Y
1	EARTH BUS BAR	PUR	1
2	DUCT	PUR	1
3	TERMINAL BLOCK	PUR	1
4	INVERTER	PUR	1
5	TR	PUR	1
6	RELAY & SCOKET	PUR	1
7	RF	PUR	1
8	MC	PUR	1
9	MCCB	PUR	1
10	4 1/2"	SS400	1
11	T/S BOX	PUR	1

[illegible]

물법복제 및 배포금지



불법복제 및 배포금지



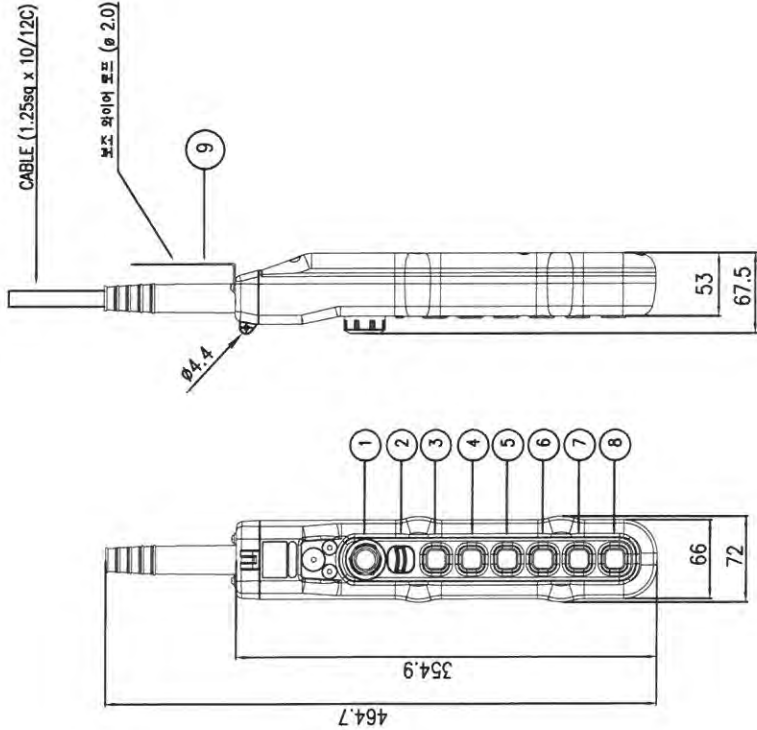
구분	조작버튼	표시등
색상		
저색	비상	비상
황색	비정상	비정상
녹색	정상	정상
청색	의무	의무
흰색, 회색, 흑색	지정된의미없음	기타

* MATERIAL : POLYCARBONATE(PLASTIC)
* BODY COLOR : YELLOW, BLACK
* IP : 55 이상

NO	SYMBOL	TYPE	SPEC.	COLOR
1	E.B.S	PUSH LOCK TURN RESET TYPE		RED
2	SPARE			
3	상	1-BUTTON 1STEP	250VAC x 6A	BLACK
4	하	1-BUTTON 1STEP		
5	동(전)	1-BUTTON 1STEP(2STEP)		
6	서(후)	1-BUTTON 1STEP(2STEP)		
7	보조 와이어	ø 2.0		

REV		DATE		DESCRIPTION		DRAWN		CHECK		APPRVD		TITLE		CUSTOMER		DESIGN		SCALE		SHT. NO.		ORDER NO.	
05.AUG.2015				REDRAWING		K.H.Han						PUSH BUTTON SWITCH		KUDONG HOIST CO., LTD.								KD-PS0005	
DWG. NO.																							

불법복제 및 배포금지



구분	색상	조작버튼	표시등
적색	적색	비상	비상
황색	황색	비정상	비정상
녹색	녹색	정상	정상
청색	청색	의무	의무
흰색, 회색 - 흑색	흰색, 회색 - 흑색	지정된의미없음	기타

* MATERIAL : POLYCARBONATE(PLASTIC)
* BODY COLOR : YELLOW, BLACK
* IP : 55 이상

NO	SYMBOL	TYPE	SPEC.	COLOR
1	E.B.S	PUSH LOCK TURN RESET TYPE	250VAC x 6A	RED
2	SPARE			
3	상	1 BUTTON 1STEP		BLACK
4	하	1 BUTTON 1STEP		
5	동 (좌)	1 BUTTON 1STEP(2STEP)		
6	서 (우)	1 BUTTON 1STEP(2STEP)		
7	남 (전)	1 BUTTON 1STEP(2STEP)		
8	북 (후)	1 BUTTON 1STEP(2STEP)		
9	보조 WIRE	ø 2.0		

REV		DATE	DESCRIPTION	DRAWN	CHECK	APPROV	TITLE		CUSTOMER	DESIGN	SCALE	SHT. NO.	ORDER NO.
A		05.AUG.2016	REDRAWING	K.H.Han	-	-	PUSH BUTTON SWITCH						
									KUDONG HOIST CO., LTD.				
									DWG. NO. KD-PS0007				

제 2012-BJ-0009 호



안 전 인 증 서

정호엔지니어링

경기도 광명시 노동사동 440-5

위 사업장에서 제조하는 아래의 품목이 산업안전보건법 제34조 및 같은 법 시행규칙 제58조의4제4항에 따른 안전인증 심사 결과 안전·보건기준에 적합하므로 안전인증표시의 사용을 인증합니다.

품 목

양중기용 과부하방지장치

형식·모델/용량·등급/인증번호

형식·모델

JDL-100

용량·등급

J-2

인증번호

12-AV2BJ-0009

인 증 기 준

방호장치 의무안전인증 고시(고용노동부고시 제2010-36호)

인 증 조 건

아래 주소에서 생산되는 제품에 한함.

정호엔지니어링, 경기도 광명시 노동사동 440-5

2012년 06월 11일

한국산업안전보건공단 이사장





ISSUE NO. PW1604

DATE 2016-01-21

MILL TEST CERTIFICATE

THIS IS TO CERTIFY THAT THE MATERIAL DESCRIBED BELOW WAS MANUFACTURED
IN ACCORDANCE WITH KISWIRE LTD SPECIFICATION AND APPLICABLE SECTIONS

OF **KSD 3514 - 2002** (**B** Grade)

TO MESSRS KISWIRE-SEOUL OFFICE

MATERIAL DESCRIPTION UNGALVANIZED STEEL WIRE ROPE
06X37 + FC 2000M X 5 REEL

EX NO. PW1604 T/T NO. _____
ORDER NO. _____ REEL NO. 1 ~ 5 SAMPLING NO. 1
DIAMETER OF ROPE 20.0 mm TYPE OF CORE Fiber Core
SPECIFIED BREAKING LOAD 227.0 kN SAMPLE BROKE AT 238.1 kN
WT. OF ZINC COATING OF OUTER WIRE MIN. _____ g/m² MAX. _____ g/m²
ROPE LAY RHRL (OZ) LAY LENGTH 133.7 mm
LUBRICATION A-2

CHEMICAL ANALYSIS OF WIRE ROD

CHARGE NO.	C X 100	Si X 100	Mn X 100	P X 1000	S X 1000
SE91372852	70	22	64	9	11



KS

JIS

DATE OF SAMPLE TEST 2016-01-21

KISWIRE

THREE PHASE INDUCTION MOTOR DATA SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	HOISTING
2. MANUFACTURE	극동 호이스트 (주)
3. FRAME NUMBER	200 L
4. RATED POWER	17 KW x 8 P
5. RATED VOLTAGE AND FREQUENCY	220 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	850 RPM
11. FULL LOAD CURRENT	76.6 A
12. STARTING CURRENT AT RATED VOLTAGE	455.8 A
13. MINIMUM STARTING VOLTAGE	198 V
14. EFFICIENCY AT 100% RATED LOAD	82.0 %
15. POWER FACTOR AT 100% RATED LOAD	71.5 %
16. STARTING TORQUE	39.72 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E F C
19. TYPE OF BEARING	PL : 6312zz OPL : 6311zz
20. MOUNTING	H O R I Z O N T A L
21. MAXIMUM AMBIENT TEMPERATURE	40 °C
22. BEARING LUBRICATION	G R E A S E
23. STARTING METHOD	F U L L V O L T A G E

THREE PHASE INDUCTION MOTOR DATA SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	HOISTING
2. MANUFACTURE	극동 호이스트 (주)
3. FRAME NUMBER	200 L
4. RATED POWER	17 KW x 8 P
5. RATED VOLTAGE AND FREQUENCY	380 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	850 RPM
11. FULL LOAD CURRENT	44.3 A
12. STARTING CURRENT AT RATED VOLTAGE	263.8 A
13. MINIMUM STARTING VOLTAGE	342 V
14. EFFICIENCY AT 100% RATED LOAD	82.0 %
15. POWER FACTOR AT 100% RATED LOAD	71.5 %
16. STARTING TORQUE	39.72 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E F C
19. TYPE OF BEARING	PL : 6312zz OPL : 6311zz
20. MOUNTING	H O R I Z O N T A L
21. MAXIMUM AMBIENT TEMPERATURE	40 °C
22. BEARING LUBRICATION	G R E A S E
23. STARTING METHOD	F U L L V O L T A G E

THREE PHASE INDUCTION MOTOR DATA SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	HOISTING
2. MANUFACTURE	극동 호이스트 (주)
3. FRAME NUMBER	200 L
4. RATED POWER	17 KW x 8 P
5. RATED VOLTAGE AND FREQUENCY	440 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1 . 0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	850 RPM
11. FULL LOAD CURRENT	38.3 A
12. STARTING CURRENT AT RATED VOLTAGE	227.9 A
13. MINIMUM STARTING VOLTAGE	396 V
14. EFFICIENCY AT 100% RATED LOAD	82.0 %
15. POWER FACTOR AT 100% RATED LOAD	71.5 %
16. STARTING TORQUE	39.72 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E F C
19. TYPE OF BEARING	PL : 6312zz OPL : 6311zz
20. MOUNTING	H O R I Z O N T A L
21. MAXIMUM AMBIENT TEMPERATURE	40 °C
22. BEARING LUBRICATION	G R E A S E
23. STARTING METHOD	F U L L V O L T A G E

THREE PHASE INDUCTION MOTOR DATA SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	HOISTING
2. MANUFACTURE	극동 호이스트 (주)
3. FRAME NUMBER	200 L
4. RATED POWER	17 KW x 8 P
5. RATED VOLTAGE AND FREQUENCY	460 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	850 RPM
11. FULL LOAD CURRENT	36.6 A
12. STARTING CURRENT AT RATED VOLTAGE	218.4 A
13. MINIMUM STARTING VOLTAGE	414 V
14. EFFICIENCY AT 100% RATED LOAD	82.0 %
15. POWER FACTOR AT 100% RATED LOAD	71.5 %
16. STARTING TORQUE	39.72 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E F C
19. TYPE OF BEARING	PL : 6312zz OPL : 6311zz
20. MOUNTING	H O R I Z O N T A L
21. MAXIMUM AMBIENT TEMPERATURE	40 °C
22. BEARING LUBRICATION	G R E A S E
23. STARTING METHOD	F U L L V O L T A G E

THREE PHASE INDUCTION MOTOR DATA SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	HOISTING
2. MANUFACTURE	극동 호이스트 (주)
3. FRAME NUMBER	200 L
4. RATED POWER	17 KW x 8 P
5. RATED VOLTAGE AND FREQUENCY	480 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1 . 0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	850 RPM
11. FULL LOAD CURRENT	35.2 A
12. STARTING CURRENT AT RATED VOLTAGE	209.8 A
13. MINIMUM STARTING VOLTAGE	432 V
14. EFFICIENCY AT 100% RATED LOAD	82.0 %
15. POWER FACTOR AT 100% RATED LOAD	71.5 %
16. STARTING TORQUE	39.72 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E F C
19. TYPE OF BEARING	PL : 6312zz OPL : 6311zz
20. MOUNTING	H O R I Z O N T A L
21. MAXIMUM AMBIENT TEMPERATURE	40 °C
22. BEARING LUBRICATION	G R E A S E
23. STARTING METHOD	F U L L V O L T A G E

THREE PHASE INDUCTION MOTOR DATA SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	HOISTING
2. MANUFACTURE	극동 호이스트 (주)
3. FRAME NUMBER	200 L
4. RATED POWER	11.5 KW x 12 P
5. RATED VOLTAGE AND FREQUENCY	220 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1 . 0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	550 RPM
11. FULL LOAD CURRENT	70.8 A
12. STARTING CURRENT AT RATED VOLTAGE	318.6 A
13. MINIMUM STARTING VOLTAGE	198 V
14. EFFICIENCY AT 100% RATED LOAD	77.5 %
15. POWER FACTOR AT 100% RATED LOAD	55.0 %
16. STARTING TORQUE	40.76 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E F C
19. TYPE OF BEARING	PL : 6312zz OPL : 6311zz
20. MOUNTING	H O R I Z O N T A L
21. MAXIMUM AMBIENT TEMPERATURE	40 °C
22. BEARING LUBRICATION	G R E A S E
23. STARTING METHOD	F U L L V O L T A G E

THREE PHASE INDUCTION MOTOR DATA SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	HOISTING
2. MANUFACTURE	극동 호이스트 (주)
3. FRAME NUMBER	200 L
4. RATED POWER	11.5 KW x 12 P
5. RATED VOLTAGE AND FREQUENCY	380 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	550 RPM
11. FULL LOAD CURRENT	41.0 A
12. STARTING CURRENT AT RATED VOLTAGE	184.5 A
13. MINIMUM STARTING VOLTAGE	342 V
14. EFFICIENCY AT 100% RATED LOAD	77.5 %
15. POWER FACTOR AT 100% RATED LOAD	55.0 %
16. STARTING TORQUE	40.76 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TEFC
19. TYPE OF BEARING	PL : 6312zz OPL : 6311zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPERATURE	40 °C
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE

THREE PHASE INDUCTION MOTOR DATA SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	HOISTING
2. MANUFACTURE	극동 호이스트 (주)
3. FRAME NUMBER	200 L
4. RATED POWER	11.5 KW x 12 P
5. RATED VOLTAGE AND FREQUENCY	440 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	550 RPM
11. FULL LOAD CURRENT	35.4 A
12. STARTING CURRENT AT RATED VOLTAGE	159.3 A
13. MINIMUM STARTING VOLTAGE	396 V
14. EFFICIENCY AT 100% RATED LOAD	77.5 %
15. POWER FACTOR AT 100% RATED LOAD	55.0 %
16. STARTING TORQUE	40.76 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E F C
19. TYPE OF BEARING	PL : 6312zz OPL : 6311zz
20. MOUNTING	H O R I Z O N T A L
21. MAXIMUM AMBIENT TEMPERATURE	40 °C
22. BEARING LUBRICATION	G R E A S E
23. STARTING METHOD	F U L L V O L T A G E

THREE PHASE INDUCTION MOTOR DATA SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	HOISTING
2. MANUFACTURE	극동 호이스트 (주)
3. FRAME NUMBER	200 L
4. RATED POWER	11.5 KW x 12 P
5. RATED VOLTAGE AND FREQUENCY	460 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1 . 0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	550 RPM
11. FULL LOAD CURRENT	33.9 A
12. STARTING CURRENT AT RATED VOLTAGE	152.6 A
13. MINIMUM STARTING VOLTAGE	414 V
14. EFFICIENCY AT 100% RATED LOAD	77.5 %
15. POWER FACTOR AT 100% RATED LOAD	55.0 %
16. STARTING TORQUE	40.76 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E F C
19. TYPE OF BEARING	PL : 6312zz OPL : 6311zz
20. MOUNTING	H O R I Z O N T A L
21. MAXIMUM AMBIENT TEMPERATURE	40 °C
22. BEARING LUBRICATION	G R E A S E
23. STARTING METHOD	F U L L V O L T A G E

THREE PHASE INDUCTION MOTOR DATA SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	HOISTING
2. MANUFACTURE	극동 호이스트 (주)
3. FRAME NUMBER	200 L
4. RATED POWER	11.5 KW x 12 P
5. RATED VOLTAGE AND FREQUENCY	480 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1 . 0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	550 RPM
11. FULL LOAD CURRENT	32.5 A
12. STARTING CURRENT AT RATED VOLTAGE	146.2 A
13. MINIMUM STARTING VOLTAGE	432 V
14. EFFICIENCY AT 100% RATED LOAD	77.5 %
15. POWER FACTOR AT 100% RATED LOAD	55.0 %
16. STARTING TORQUE	40.76 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E F C
19. TYPE OF BEARING	PL : 6312zz OPL : 6311zz
20. MOUNTING	H O R I Z O N T A L
21. MAXIMUM AMBIENT TEMPERATURE	40 °C
22. BEARING LUBRICATION	G R E A S E
23. STARTING METHOD	F U L L V O L T A G E

THREE PHASE INDUCTION MOTOR DATA SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 L
4. RATED POWER	1.5 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	220 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1710 RPM
11. FULL LOAD CURRENT	7.3 A
12. STARTING CURRENT AT RATED VOLTAGE	42.0 A
13. MINIMUM STARTING VOLTAGE	198 V
14. EFFICIENCY AT 100% RATED LOAD	73.0 %
15. POWER FACTOR AT 100% RATED LOAD	75.0 %
16. STARTING TORQUE	1.72 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6205zz OPL : 6204zz
20. MOUNTING	H O R I Z O N T A L
21. MAXIMUM AMBIENT TEMPERATURE	40 °C
22. BEARING LUBRICATION	G R E A S E
23. STARTING METHOD	F U L L V O L T A G E

THREE PHASE INDUCTION MOTOR DATA SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 L
4. RATED POWER	1.5 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	380 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1710 RPM
11. FULL LOAD CURRENT	4.2 A
12. STARTING CURRENT AT RATED VOLTAGE	24.2 A
13. MINIMUM STARTING VOLTAGE	343 V
14. EFFICIENCY AT 100% RATED LOAD	73.0 %
15. POWER FACTOR AT 100% RATED LOAD	75.0 %
16. STARTING TORQUE	1.72 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6205zz OPL : 6204zz
20. MOUNTING	H O R I Z O N T A L
21. MAXIMUM AMBIENT TEMPERATURE	40 °C
22. BEARING LUBRICATION	G R E A S E
23. STARTING METHOD	F U L L V O L T A G E

THREE PHASE INDUCTION MOTOR DATA SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 L
4. RATED POWER	1.5 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	440 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1 . 0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1710 RPM
11. FULL LOAD CURRENT	3.7A
12. STARTING CURRENT AT RATED VOLTAGE	21.0 A
13. MINIMUM STARTING VOLTAGE	396 V
14. EFFICIENCY AT 100% RATED LOAD	73.0 %
15. POWER FACTOR AT 100% RATED LOAD	75.0 %
16. STARTING TORQUE	1.72 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6205zz OPL : 6204zz
20. MOUNTING	H O R I Z O N T A L
21. MAXIMUM AMBIENT TEMPERATURE	40 °C
22. BEARING LUBRICATION	G R E A S E
23. STARTING METHOD	F U L L V O L T A G E

THREE PHASE INDUCTION MOTOR DATA SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 L
4. RATED POWER	1.5 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	460 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1710 RPM
11. FULL LOAD CURRENT	3.5A
12. STARTING CURRENT AT RATED VOLTAGE	20.8 A
13. MINIMUM STARTING VOLTAGE	414 V
14. EFFICIENCY AT 100% RATED LOAD	73.0 %
15. POWER FACTOR AT 100% RATED LOAD	75.0 %
16. STARTING TORQUE	1.72 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6205zz OPL : 6204zz
20. MOUNTING	H O R I Z O N T A L
21. MAXIMUM AMBIENT TEMPERATURE	40 °C
22. BEARING LUBRICATION	G R E A S E
23. STARTING METHOD	F U L L V O L T A G E

THREE PHASE INDUCTION MOTOR DATA SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 L
4. RATED POWER	1.5 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	480 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1 . 0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1710 RPM
11. FULL LOAD CURRENT	3.4A
12. STARTING CURRENT AT RATED VOLTAGE	20.0 A
13. MINIMUM STARTING VOLTAGE	432 V
14. EFFICIENCY AT 100% RATED LOAD	73.0 %
15. POWER FACTOR AT 100% RATED LOAD	75.0 %
16. STARTING TORQUE	1.72 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6205zz OPL : 6204zz
20. MOUNTING	H O R I Z O N T A L
21. MAXIMUM AMBIENT TEMPERATURE	40 °C
22. BEARING LUBRICATION	G R E A S E
23. STARTING METHOD	F U L L V O L T A G E

THREE PHASE INDUCTION MOTOR DATA SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING
2. MANUFACTURE	극동 호이스트 (주)
3. FRAME NUMBER	80 S
4. RATED POWER	1.0 KW x 6 P
5. RATED VOLTAGE AND FREQUENCY	220 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1140 RPM
11. FULL LOAD CURRENT	6.7 A
12. LOCKED ROTOR CURRENT	23.8 A
13. MINIMUM STARTING VOLTAGE	198 V
14. EFFICIENCY AT 100% RATED LOAD	63.5 %
15. POWER FACTOR AT 100% RATED LOAD	62.0 %
16. STARTING TORQUE	1.1 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6207zz OPL : 6204zz
20. MOUNTING	H O R I Z O N T A L
21. MAXIMUM AMBIENT TEMPERATURE	40 °C
22. BEARING LUBRICATION	G R E A S E
23. STARTING METHOD	F U L L V O L T A G E

THREE PHASE INDUCTION MOTOR DATA SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING
2. MANUFACTURE	극동 호이스트 (주)
3. FRAME NUMBER	80 S
4. RATED POWER	1.0 KW x 6 P
5. RATED VOLTAGE AND FREQUENCY	380 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1 . 0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1140 RPM
11. FULL LOAD CURRENT	3.85 A
12. LOCKED ROTOR CURRENT	13.78 A
13. MINIMUM STARTING VOLTAGE	342 V
14. EFFICIENCY AT 100% RATED LOAD	63.5 %
15. POWER FACTOR AT 100% RATED LOAD	62.0 %
16. STARTING TORQUE	1.1 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6207zz OPL : 6204zz
20. MOUNTING	H O R I Z O N T A L
21. MAXIMUM AMBIENT TEMPERATURE	40 °C
22. BEARING LUBRICATION	G R E A S E
23. STARTING METHOD	F U L L V O L T A G E

THREE PHASE INDUCTION MOTOR DATA SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING
2. MANUFACTURE	극동 호이스트 (주)
3. FRAME NUMBER	80 S
4. RATED POWER	1.0 KW x 6 P
5. RATED VOLTAGE AND FREQUENCY	440 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1 . 0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1140 RPM
11. FULL LOAD CURRENT	3.33 A
12. LOCKED ROTOR CURRENT	11.9 A
13. MINIMUM STARTING VOLTAGE	396 V
14. EFFICIENCY AT 100% RATED LOAD	63.5 %
15. POWER FACTOR AT 100% RATED LOAD	62.0 %
16. STARTING TORQUE	1.1 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6207zz OPL : 6204zz
20. MOUNTING	H O R I Z O N T A L
21. MAXIMUM AMBIENT TEMPERATURE	40 °C
22. BEARING LUBRICATION	G R E A S E
23. STARTING METHOD	F U L L V O L T A G E

THREE PHASE INDUCTION MOTOR DATA SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING
2. MANUFACTURE	극동 호이스트 (주)
3. FRAME NUMBER	80 S
4. RATED POWER	1.0 KW x 6 P
5. RATED VOLTAGE AND FREQUENCY	460 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1140 RPM
11. FULL LOAD CURRENT	3.2 A
12. LOCKED ROTOR CURRENT	11.37 A
13. MINIMUM STARTING VOLTAGE	414 V
14. EFFICIENCY AT 100% RATED LOAD	63.5 %
15. POWER FACTOR AT 100% RATED LOAD	62.0 %
16. STARTING TORQUE	1.1 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6207zz OPL : 6204zz
20. MOUNTING	H O R I Z O N T A L
21. MAXIMUM AMBIENT TEMPERATURE	40 °C
22. BEARING LUBRICATION	G R E A S E
23. STARTING METHOD	F U L L V O L T A G E

THREE PHASE INDUCTION MOTOR DATA SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING
2. MANUFACTURE	극동 호이스트 (주)
3. FRAME NUMBER	80 S
4. RATED POWER	1.0 KW x 6 P
5. RATED VOLTAGE AND FREQUENCY	480 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1 . 0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1140 RPM
11. FULL LOAD CURRENT	3.05 A
12. LOCKED ROTOR CURRENT	10.9 A
13. MINIMUM STARTING VOLTAGE	432 V
14. EFFICIENCY AT 100% RATED LOAD	63.5 %
15. POWER FACTOR AT 100% RATED LOAD	62.0 %
16. STARTING TORQUE	1.1 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6207zz OPL : 6204zz
20. MOUNTING	H O R I Z O N T A L
21. MAXIMUM AMBIENT TEMPERATURE	40 °C
22. BEARING LUBRICATION	G R E A S E
23. STARTING METHOD	F U L L V O L T A G E

THREE PHASE INDUCTION MOTOR DATA SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	112 S
4. RATED POWER	1.5/0.75 KW x 4/8 P
5. RATED VOLTAGE AND FREQUENCY	220 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1 . 0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1670/815 RPM
11. FULL LOAD CURRENT	7.2/6.2 A
12. STARTING CURRENT AT RATED VOLTAGE	35.6/21.7 A
13. MINIMUM STARTING VOLTAGE	198 V
14. EFFICIENCY AT 100% RATED LOAD	69.5/63 %
15. POWER FACTOR AT 100% RATED LOAD	74/50 %
16. STARTING TORQUE	1.48/1.22 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6206zz OPL : 6206zz
20. MOUNTING	H O R I Z O N T A L
21. MAXIMUM AMBIENT TEMPERATURE	40 °C
22. BEARING LUBRICATION	G R E A S E
23. STARTING METHOD	F U L L V O L T A G E

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THREE PHASE INDUCTION MOTOR DATA SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	112 S
4. RATED POWER	1.5/0.75 KW x 4/8 P
5. RATED VOLTAGE AND FREQUENCY	380 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1670/815 RPM
11. FULL LOAD CURRENT	4.17/3.59 A
12. STARTING CURRENT AT RATED VOLTAGE	20.6/12.56 A
13. MINIMUM STARTING VOLTAGE	342 V
14. EFFICIENCY AT 100% RATED LOAD	69.5/63 %
15. POWER FACTOR AT 100% RATED LOAD	74/50 %
16. STARTING TORQUE	1.48/1.22 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6206zz OPL : 6206zz
20. MOUNTING	H O R I Z O N T A L
21. MAXIMUM AMBIENT TEMPERATURE	40 °C
22. BEARING LUBRICATION	G R E A S E
23. STARTING METHOD	F U L L V O L T A G E

중공업기계부

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(KOR) QUALITY ASSURANCE (KOR) ASSOC

THREE PHASE INDUCTION MOTOR DATA SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	112 S
4. RATED POWER	1.5/0.75 KW x 4/8 P
5. RATED VOLTAGE AND FREQUENCY	440 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1670/815 RPM
11. FULL LOAD CURRENT	3.6/3.1 A
12. STARTING CURRENT AT RATED VOLTAGE	17.8/10.85 A
13. MINIMUM STARTING VOLTAGE	396 V
14. EFFICIENCY AT 100% RATED LOAD	69.5/63 %
15. POWER FACTOR AT 100% RATED LOAD	74/50 %
16. STARTING TORQUE	1.48/1.22 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6206zz OPL : 6206zz
20. MOUNTING	H O R I Z O N T A L
21. MAXIMUM AMBIENT TEMPERATURE	40 °C
22. BEARING LUBRICATION	G R E A S E
23. STARTING METHOD	F U L L V O L T A G E

한양대학교

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OSHA OCCUPATIONAL SAFETY & HEALTH AGENCY

THREE PHASE INDUCTION MOTOR DATA SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	112 S
4. RATED POWER	1.5/0.75 KW x 4/8 P
5. RATED VOLTAGE AND FREQUENCY	460 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1 . 0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1700/815 RPM
11. FULL LOAD CURRENT	3.44/2.96 A
12. STARTING CURRENT AT RATED VOLTAGE	1670/815 RPM
13. MINIMUM STARTING VOLTAGE	414 V
14. EFFICIENCY AT 100% RATED LOAD	69.5/63 %
15. POWER FACTOR AT 100% RATED LOAD	74/50 %
16. STARTING TORQUE	1.48/1.22 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6206zz OPL : 6206zz
20. MOUNTING	H O R I Z O N T A L
21. MAXIMUM AMBIENT TEMPERATURE	40 °C
22. BEARING LUBRICATION	G R E A S E
23. STARTING METHOD	F U L L V O L T A G E

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Korea Occupational Safety & Health Agency

THREE PHASE INDUCTION MOTOR DATA SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	112 S
4. RATED POWER	1.5/0.75 KW x 4/8 P
5. RATED VOLTAGE AND FREQUENCY	480 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1 . 0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1670/815 RPM
11. FULL LOAD CURRENT	3.3/2.84 A
12. STARTING CURRENT AT RATED VOLTAGE	17.5/10.76 A
13. MINIMUM STARTING VOLTAGE	432 V
14. EFFICIENCY AT 100% RATED LOAD	69.5/63 %
15. POWER FACTOR AT 100% RATED LOAD	74/50 %
16. STARTING TORQUE	1.48/1.22 KG.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6206zz OPL : 6206zz
20. MOUNTING	H O R I Z O N T A L
21. MAXIMUM AMBIENT TEMPERATURE	40 °C
22. BEARING LUBRICATION	G R E A S E
23. STARTING METHOD	F U L L V O L T A G E

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Korea Occupational Safety & Health Authority

THREE PHASE INDUCTION MOTOR DATA SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	112 S
4. RATED POWER	1.0/0.5 KW x 6/12 P
5. RATED VOLTAGE AND FREQUENCY	220 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1 . 0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1050/460 RPM
11. FULL LOAD CURRENT	7.1/7.5 A
12. STARTING CURRENT AT RATED VOLTAGE	28.3/22.5 A
13. MINIMUM STARTING VOLTAGE	198 V
14. EFFICIENCY AT 100% RATED LOAD	59.5/35.0 %
15. POWER FACTOR AT 100% RATED LOAD	64.5/54.0 %
16. STARTING TORQUE	1.67/1.48 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6206zz OPL : 6206zz
20. MOUNTING	H O R I Z O N T A L
21. MAXIMUM AMBIENT TEMPERATURE	40 °C
22. BEARING LUBRICATION	G R E A S E
23. STARTING METHOD	F U L L V O L T A G E

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INDUSTRY SAFETY & HEALTH ADMINISTRATION

THREE PHASE INDUCTION MOTOR DATA SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	112 S
4. RATED POWER	1.0/0.5 KW x 6/12 P
5. RATED VOLTAGE AND FREQUENCY	380 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1 . 0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1050/460 RPM
11. FULL LOAD CURRENT	4.1/4.3 A
12. STARTING CURRENT AT RATED VOLTAGE	16.4/13.0 A
13. MINIMUM STARTING VOLTAGE	342 V
14. EFFICIENCY AT 100% RATED LOAD	59.5/35.0 %
15. POWER FACTOR AT 100% RATED LOAD	64.5/54.0 %
16. STARTING TORQUE	1.67/1.48 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6206zz OPL : 6206zz
20. MOUNTING	H O R I Z O N T A L
21. MAXIMUM AMBIENT TEMPERATURE	40 °C
22. BEARING LUBRICATION	G R E A S E
23. STARTING METHOD	F U L L V O L T A G E

THREE PHASE INDUCTION MOTOR DATA SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	112 S
4. RATED POWER	1.0/0.5 KW x 6/12 P
5. RATED VOLTAGE AND FREQUENCY	440 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1 . 0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1050/460 RPM
11. FULL LOAD CURRENT	3.5/3.7 A
12. STARTING CURRENT AT RATED VOLTAGE	14.2/12.3 A
13. MINIMUM STARTING VOLTAGE	396 V
14. EFFICIENCY AT 100% RATED LOAD	59.5/35.0 %
15. POWER FACTOR AT 100% RATED LOAD	64.5/54.0 %
16. STARTING TORQUE	1.67/1.48 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6206zz OPL : 6206zz
20. MOUNTING	H O R I Z O N T A L
21. MAXIMUM AMBIENT TEMPERATURE	40 °C
22. BEARING LUBRICATION	G R E A S E
23. STARTING METHOD	F U L L V O L T A G E

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THREE PHASE INDUCTION MOTOR DATA SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	112 S
4. RATED POWER	1.0/0.5 KW x 6/12 P
5. RATED VOLTAGE AND FREQUENCY	460 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1 . 0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1050/460 RPM
11. FULL LOAD CURRENT	3.4/3.6 A
12. STARTING CURRENT AT RATED VOLTAGE	13.5/10.8 A
13. MINIMUM STARTING VOLTAGE	414 V
14. EFFICIENCY AT 100% RATED LOAD	59.5/35.0 %
15. POWER FACTOR AT 100% RATED LOAD	64.5/54.0 %
16. STARTING TORQUE	1.67/1.48 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6206zz OPL : 6206zz
20. MOUNTING	H O R I Z O N T A L
21. MAXIMUM AMBIENT TEMPERATURE	40 °C
22. BEARING LUBRICATION	G R E A S E
23. STARTING METHOD	F U L L V O L T A G E

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THREE PHASE INDUCTION MOTOR DATA SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	112 S
4. RATED POWER	1.0/0.5 KW x 6/12 P
5. RATED VOLTAGE AND FREQUENCY	480 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1050/460 RPM
11. FULL LOAD CURRENT	3.2/3.4 A
12. STARTING CURRENT AT RATED VOLTAGE	13.0/10.3 A
13. MINIMUM STARTING VOLTAGE	432 V
14. EFFICIENCY AT 100% RATED LOAD	59.5/35.0 %
15. POWER FACTOR AT 100% RATED LOAD	64.5/54.0 %
16. STARTING TORQUE	1.67/1.48 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6206zz OPL : 6206zz
20. MOUNTING	H O R I Z O N T A L
21. MAXIMUM AMBIENT TEMPERATURE	40 °C
22. BEARING LUBRICATION	G R E A S E
23. STARTING METHOD	F U L L V O L T A G E

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