



제2020 - 2116997 호

안 전 인 증 서

(사업장명) 극동호이스트(주)

(소 재 지) (15423)경기도 안산시 단원구 해봉로 119(성곡동)

위 사업장에서 제조하는 아래의 품목이 산업안전보건법 제84조 및 시행규칙 제110조제1항에 따른 안전인증 심사 결과 안전·보건기준에 적합하므로 안전인증표시의 사용을 인증합니다.

_____ 품 목 _____

호이스트 (국내품)

_____ 형식,모델(용량,등급)/인증번호 _____

KDC30/15-MA ((30/15)Ton) / 20-AE2AC-00036

_____ 인 증 기 준 _____

고용노동부 고시 제2020 - 41호 (위험기계·기구 안전인증 고시)

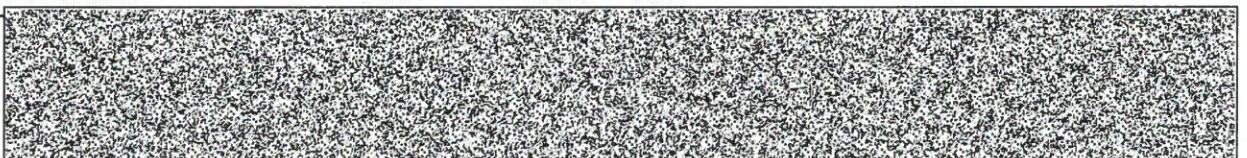
_____ 인 증 조 건 _____

(15423)경기도 안산시 단원구 해봉로 119(성곡동)에서 생산된 동일 형식 제품에 한함

설치장소 : 옥외

2020년 04월 29일

한국산업안전보건공단 이사장





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)		

안전인증대상 기계·기구명		호이스트 [동일형식 인정 - "별첨(4모델) 참조"]		
형 식 (규 격)	KDC30/15-MA	용 량 (등 급)	30(30/15) Ton	

산업안전보건법 제 84조 및 같은 법 시행규칙 제110조에 따라 실시한

- ☐ 예비심사
- ☒ 서면심사
- ☐ 기술능력 및 생산체제 심사
- ☐ 개별 제품심사
- ☐ 개별 제품심사(제작중)
- ☐ 형식별 제품심사

결과가 [V] 적 합
[] 부적합

합을 통지합니다.

2020년 04월 21일

인증심사원

이승태 홍세라 정영애

이 승태 (서명 또는 인)

한국산업안전보건공단 이사장



서 면 심 사 서 류

형식 번호 : KDC30/15 -MA
Double Rail Type Hoist

극 동 호 이 스톱 (주)



주소 : 경기도 안산시 단원구 해봉로 119 (성곡동)

TEL : 031) 491 - 5311

FAX : 031) 363 - 3952

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	용량·등급	인증번호
JDL-100	J-2	12-AV2BJ-0009

인 증 기 준

방호장치 의무안전인증 고시(고용노동부고시 제2010-36호)

인 증 조 건

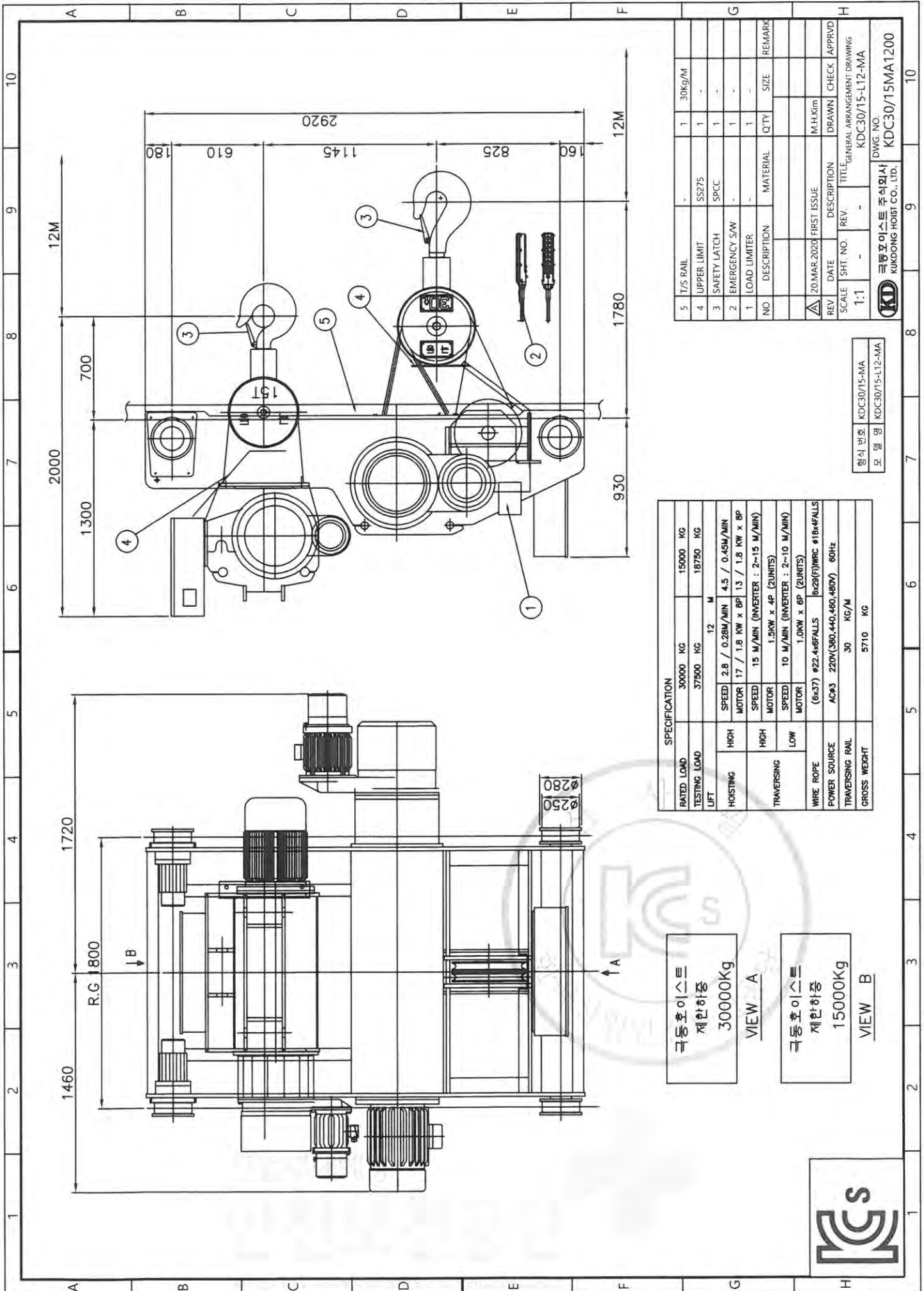
아래 주소에서 생산되는 제품에 한함.

정호엔지니어링, 경기도 광명시 노동사동 440-5

2012년 06월 11일

한국산업안전보건공단 이사장





SPECIFICATION			
RATED LOAD	30000 KG	15000 KG	
TESTING LOAD	37500 KG	18750 KG	
LIFT	12 M		
HOISTING	SPEED : 2.8 / 0.28M/MIN 4.5 / 0.45M/MIN MOTOR 17 / 1.8 KW x 8P 13 / 1.8 KW x 8P		
TRAVERSING	SPEED : 15 M/MIN (INVERTER : 2~15 M/MIN) MOTOR 1.5KW x 4P (2UNITS) SPEED : 10 M/MIN (INVERTER : 2~10 M/MIN) MOTOR 1.0KW x 6P (2UNITS)		
WIRE ROPE	(6x37) #22.4x6FALLS 8x28(F)WRC #18x4FALLS		
POWER SOURCE	AC#3 220V(380,440,480,480V) 60Hz		
TRAVERSING RAIL	30 KG/M		
GROSS WEIGHT	5710 KG		

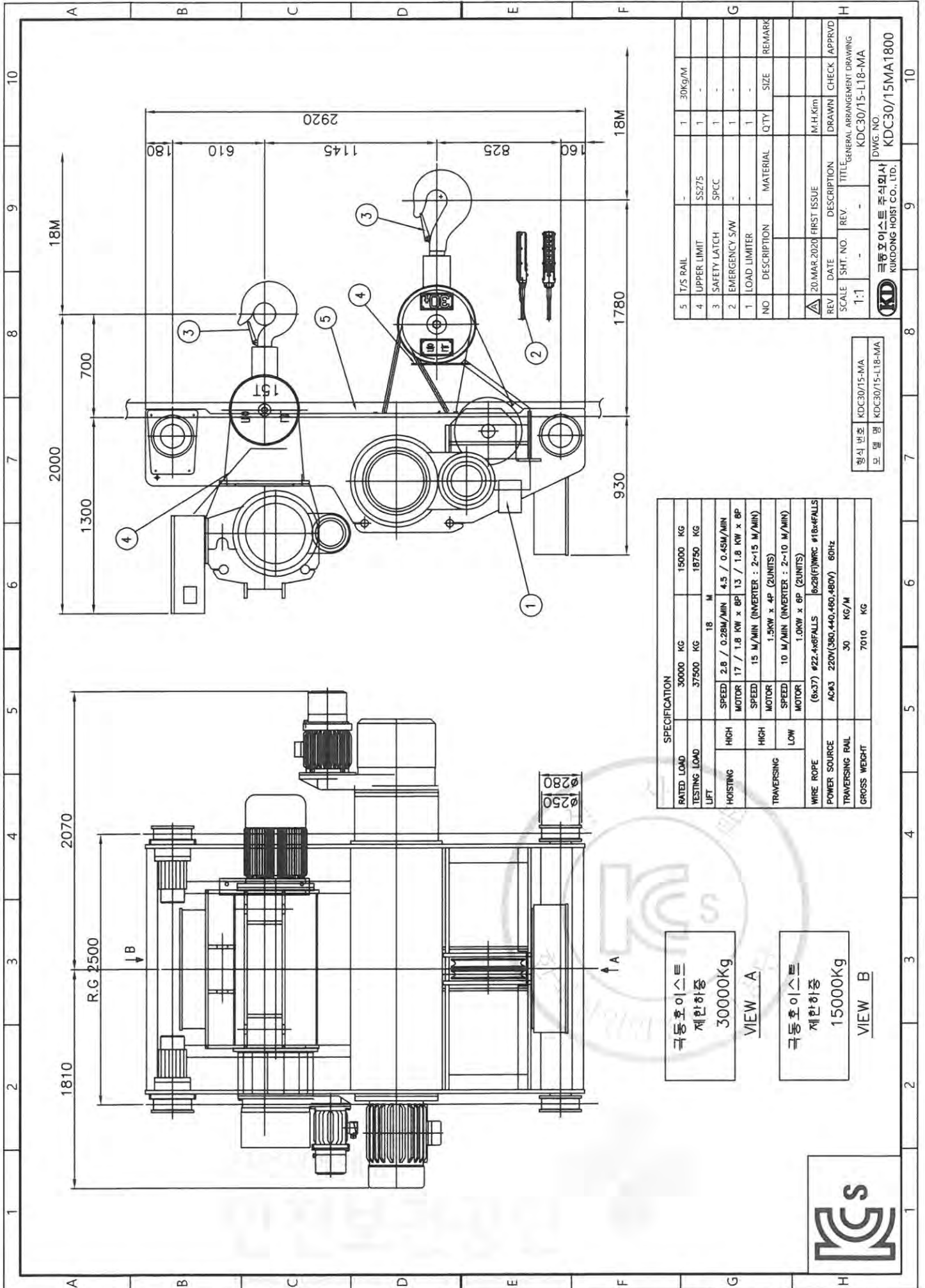
극동호이스트
제한하중
30000Kg
VIEW A

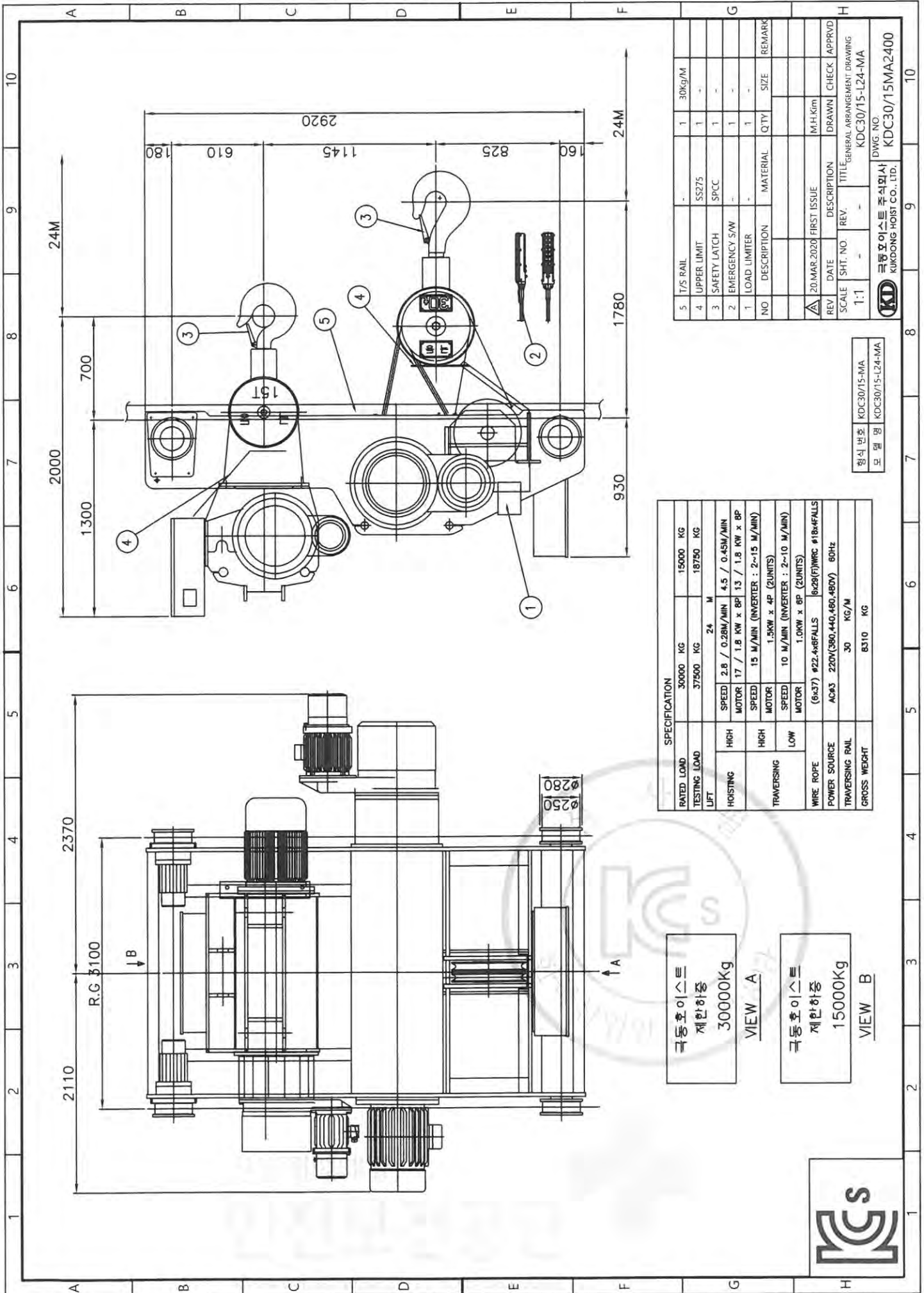
극동호이스트
제한하중
15000Kg
VIEW B

5	T/S RAIL	-	1	30Kg/M	
4	UPPER LIMIT	SS275	1	-	
3	SAFETY LATCH	SPCC	1	-	
2	EMERGENCY S/W	-	1	-	
1	LOAD LIMITER	-	1	-	
NO	DESCRIPTION	MATERIAL	Q'TY	SIZE	REMARK
Δ	20 MAR 2020 FIRST ISSUE				
REV	DATE	DESCRIPTION	DRAWN	CHECK	APPROV
SCALE	SHT. NO.	REV.	TITLE	GENERAL ARRANGEMENT DRAWING	
1:1	-	-	KDC30/15-L12-MA		

형식 번호 KDC30/15-MA
모델명 KDC30/15-L12-MA

DWG. NO. KDC30/15MA1200
극동호이스트 주식회사
KUKDONG HOIST CO., LTD.





SPECIFICATION			
RATED LOAD	30000 KG	15000 KG	
TESTING LOAD	37500 KG	18750 KG	
UFT	24 M		
HOISTING	SPEED	2.8 / 0.28M/MIN	4.5 / 0.45M/MIN
	MOTOR	17 / 1.8 KW x 8P	13 / 1.8 KW x 8P
TRAVERSING	SPEED	15 M/MIN (INVERTER : 2~15 M/MIN)	
	MOTOR	1.5KW x 4P (2UNITS)	
WIRE ROPE	SPEED	10 M/MIN (INVERTER : 2~10 M/MIN)	
	MOTOR	1.0KW x 8P (2UNITS)	
POWER SOURCE	AC23	220V(380,440,480V)	60Hz
TRAVERSING RAIL	30	KG/M	
GROSS WEIGHT	8310	KG	

극동호이스트
제한하중
30000kg
VIEW A

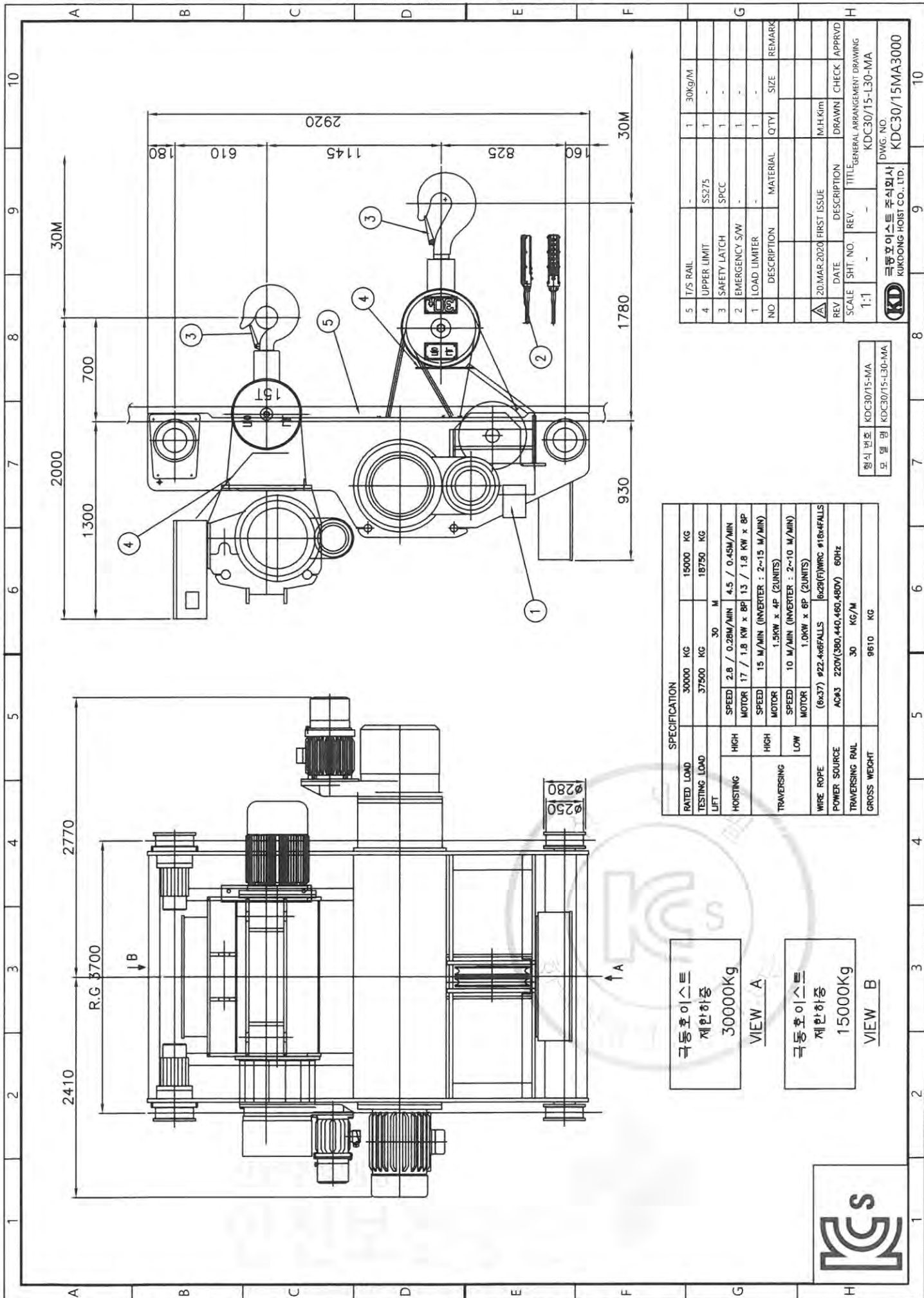
극동호이스트
제한하중
15000kg
VIEW B

5	T/S RAIL	-	1	30Kg/M	
4	UPPER LIMIT	SS275	1	-	
3	SAFETY LATCH	SPCC	1	-	
2	EMERGENCY S/W	-	1	-	
1	LOAD LIMITER	-	1	-	
NO	DESCRIPTION	MATERIAL	Q.TY	SIZE	REMARK
Δ	20 MAR 2020	FIRST ISSUE	M.H.Kim		
REV	DATE	DESCRIPTION	DRAWN	CHECK	APPROVD
SCALE	SHT. NO.	REV.	TITLE	GENERAL ARRANGEMENT DRAWING	
1:1	-	-	KDC30/15-L24-MA		

형식 번호 KDC30/15-MA
모 델 명 KDC30/15-L24-MA

극동호이스트 주식회사
KUKDONG HOIST CO., LTD.
DWG. NO. KDC30/15MA2400





SPECIFICATION			
RATED LOAD	30000 KG	15000 KG	
TESTING LOAD	37500 KG	18750 KG	
LIFT	30 M		
HOISTING	SPEED 2.8 / 0.28M/MIN 4.5 / 0.45M/MIN MOTOR 17 / 1.8 KW x 8P 13 / 1.8 KW x 8P		
TRAVERSING	SPEED 15 M/MIN (INVERTER : 2~15 M/MIN) MOTOR 1.5KW x 4P (2UNITS) SPEED 10 M/MIN (INVERTER : 2~10 M/MIN) MOTOR 1.0KW x 6P (2UNITS)		
WIRE ROPE	(8x37) #22.4x6FALLS 8x28(F)MRC #18x4FALLS		
POWER SOURCE	AC43 220V(380,440,480,480V) 60Hz		
TRAVERSING RAIL	30 KG/M		
GROSS WEIGHT	9610 KG		

극동호이스트
제한하중
30000Kg
VIEW A

극동호이스트
제한하중
15000Kg
VIEW B

5	T/S RAIL	-	1	30kg/M	
4	UPPER LIMIT	SS275	1	-	
3	SAFETY LATCH	SPCC	1	-	
2	EMERGENCY S/W	-	1	-	
1	LOAD LIMITER	-	1	-	
NO	DESCRIPTION	MATERIAL	QTY	SIZE	REMARK
REV	DATE	DESCRIPTION	DRAWN	CHECK	APPROVD
SCALE	SHT. NO.	REV.	TITLE	GENERAL ARRANGEMENT DRAWING	
1:1	-	-	KDC30/15-L30-MA		

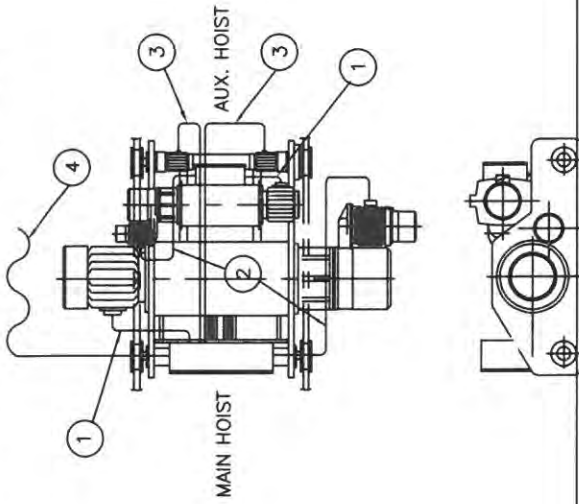
형식 번호 KDC30/15-MA
모델명 KDC30/15-L30-MA

극동호이스트 주식회사
KUKOONG HOIST CO., LTD.
DWG. NO. KDC30/15MA3000

2. 전 기



* MAIN POWER : AC 3PH 220V(380,440,460,480)V 60Hz



본 도면은 EARTH를 명기하기 위한 도면으로서
실제 배치와 다를 수 있으며 HOIST 본체와의
EARTH용 CABLE은 REFERENCE임
접지

1. 전기장치 외함접지는 접지단자를 이용하여 설치해야 하며
 - 1) 400볼트 미만일 때 100오옴 이하일 것
 - 2) 400볼트 이상일 때 10오옴 이하일 것
2. 접지단자에는 다음중 하나의 방법으로 표기
 - 1) 기호로 표현하는 경우: ⊕
 - 2) 문자로 표기하는 경우: PE
 - 3) 녹색 또는 녹색 및 황색 조합 접지선

등전위접지

1. 전기장치와 기계의 노출된 모든 도전부는 보호등전위선에 연결되어야 하며
적절한 접지연속성 기능이 유지되어야 함.
2. 보호등전위선에는 개폐기, 과전류보호장치가 부착되지 않아야 한다.

시험대상 전선의 최소 유효단면적	최고전압강하(V)
1.0	3.3
1.5	2.6
2.5	1.6
4.0	1.4
>6.0	1.0

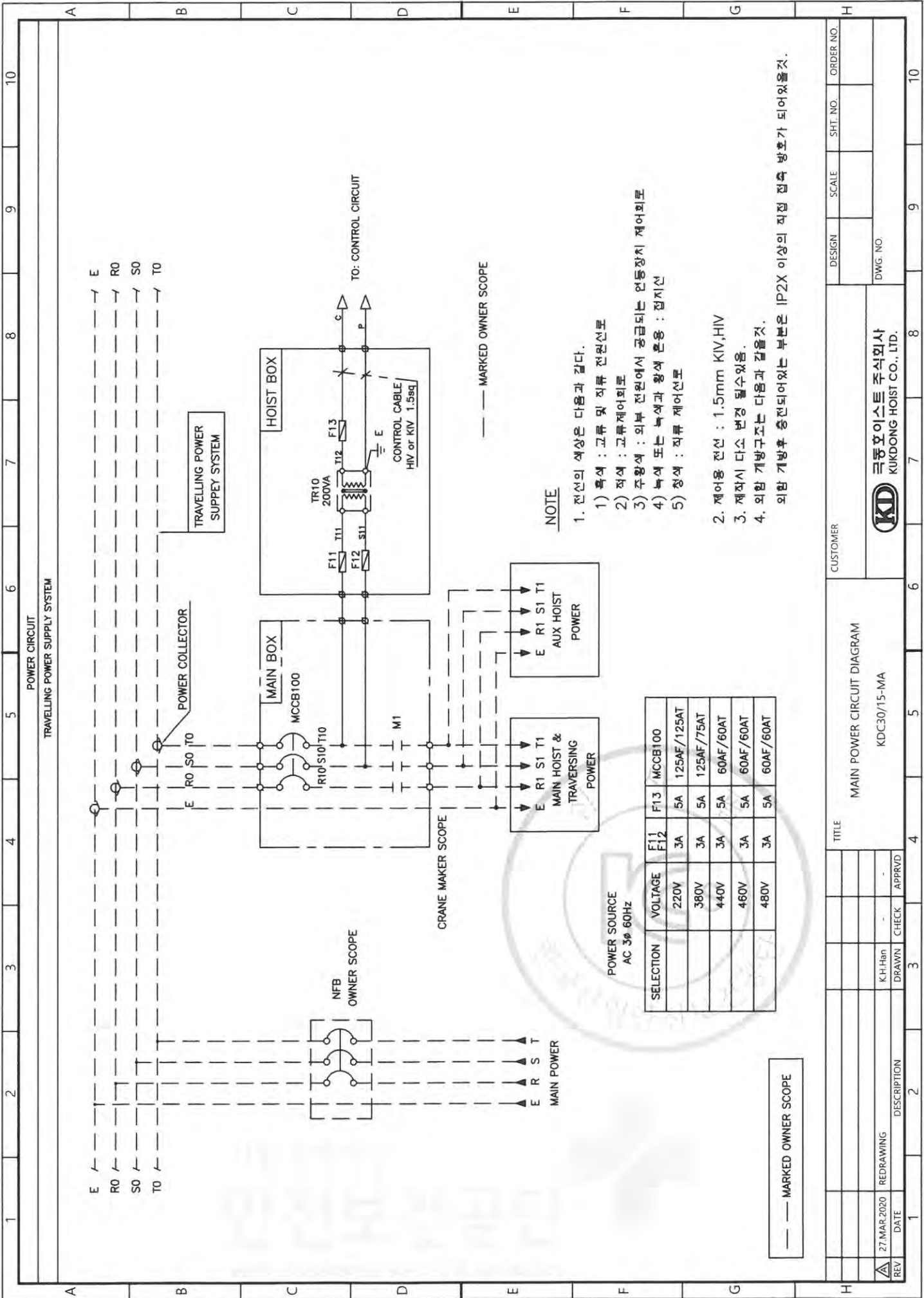
NO	TYPE	CABLE		TYPE	SIZE	REMARK
		SIZE	TYPE			
1	VCT	220V	380V	VCT	440V, 460V, 480V	M/H MOTOR WITH EARTH
	MAIN	25sqx4c	16sqx5c		10sqx5c	
2	VCT	AUX	16sqx4c	VCT	6.0sqx5c	A/H MOTOR WITH EARTH
	MAIN	2.5sqx4c	2.5sqx5c		2.5sqx5c	
3	VCT	AUX	2.5sqx4c	VCT	2.5sqx5c	M/H CREEP MOTOR WITH EARTH
	MAIN	2.5sqx4c	2.5sqx5c		2.5sqx5c	
4	VCT	16sqx4c	10sqx4c	VCT	6.0sqx4c	A/H POWER WITH EARTH
	2.5sqx4c+2.5sqx3c	2.5sqx4c	2.5sqx3c		2.5sqx4c+2.5sqx3c	
5	VCT	HIGH	25sqx4c	VCT	10sqx4c	T/S MOTOR WITH EARTH
	LOW	25sqx4c	16sqx4c		10sqx4c	

REV		DATE		DESCRIPTION		DRAWN		CHECK		APPROVD		TITLE		CABLE SPECIFICATION & EARTH		CUSTOMER		DESIGN		SCALE		SHT. NO.		ORDER NO.	
27.MAR.2020				REDRAWING		K.H.Han								KDC30/15-MA		KUDONG HOIST CO., LTD.									
1		2		3		4		5		6		7		8		9		10							

LEGEND

- USER SCOPE
- KUDONG SCOPE

REV	DATE	DESCRIPTION	DRAWN	CHECK	APPRVD	TITLE	CUSTOMER	DESIGN	SCALE	SHT. NO.	ORDER NO.
1	27 MAR 2020	REDRAWING	K.H.Han	-	-	EARTH DETAIL DRAWING KDC30/15-MA	극동호이스트 주식회사 KUDONG HOIST CO., LTD.				



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

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'	

NOTE

- PROTECTION DEGREE ;
 - A. INDOOR TYPE : DUST PROOF
 - B. OUT DOOR TYPE : SPLASH PROOF
- FINAL PAINTING COLOR (MANSELL NO.)
 - A. IN SIDE : 10B 3/5
 - B. OUT SIDE : 10B 3/5
- PAINTING THICKNESS : ABOVE 40 μ m
- APPLICATION VOLTAGE : 220V, 380V, 440V, 460V, 480V
- CONTROL VOLTAGE : 1 ϕ 110, 120V 60HZ
- 제어용 전선 : 1.5sq KIV, HIV
- 외함 기밀 구조는 다음과 같다.
 - 1) 외함 기밀시 충전부분이 차단되도록 한다.
 - 2) 외함 기밀후 충전 부분은 IP2X 이상의 적접전속 방호가 되어 있음것

SELECTION	HOIST CAPACITY	DESCRIPTION	IN DOOR			OUT DOOR			REMARK
			A	B	L	A	B	L	
	30 TON	CREEP	650	220	850	650	220	850	
		TRAVERSING	210	125	380	210	125	380	

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

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

NOTE

- PROTECTION DEGREE ;
 - A. INDOOR TYPE : DUST PROOF
 - B. OUT DOOR TYPE : SPLASH PROOF
- FINAL PAINTING COLOR (MANSELL NO.)
 - A. IN SIDE : 10B 3/5
 - B. OUT SIDE : 10B 3/5
- PAINTING THICKNESS : ABOVE 40 um
- APPLICATION VOLTAGE : 220V, 380V, 440V, 460V, 480V
- CONTROL VOLTAGE : 1φ 110, 120V 60HZ
- 제어용 전선 : 1.5sq KIV, HIV
- 외함 거방 구조는 다음과 같다.
 - 1) 외함 거방시 응전부분이 차단되도록 한다.
 - 2) 외함 거방후 응전 부분은 IP2X 이상의 직접접촉 방호가 되어 있음

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

CUSTOMER

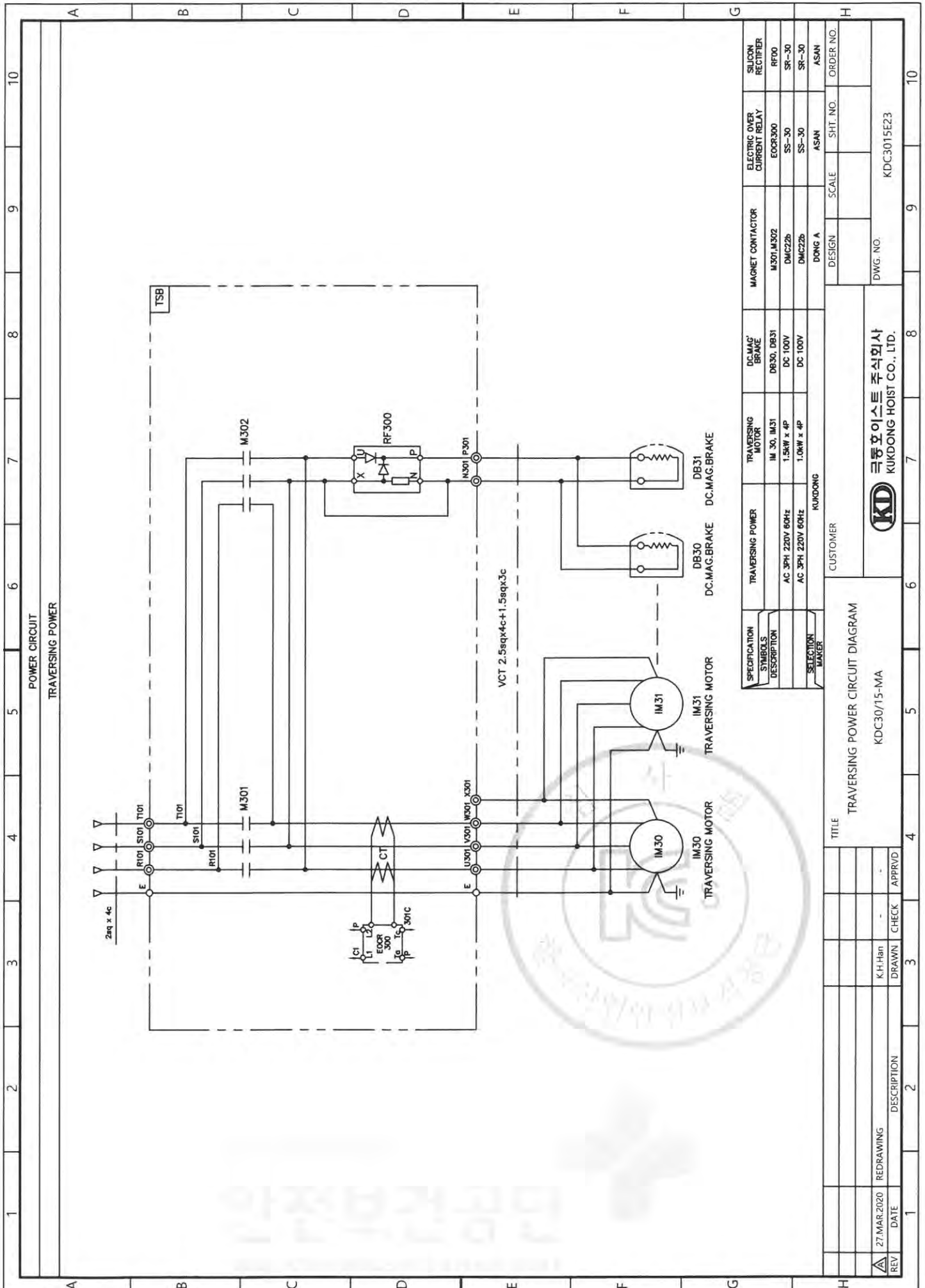
KUDONG HOIST CO., LTD.

HOISING CONTROL BOX LAYOUT

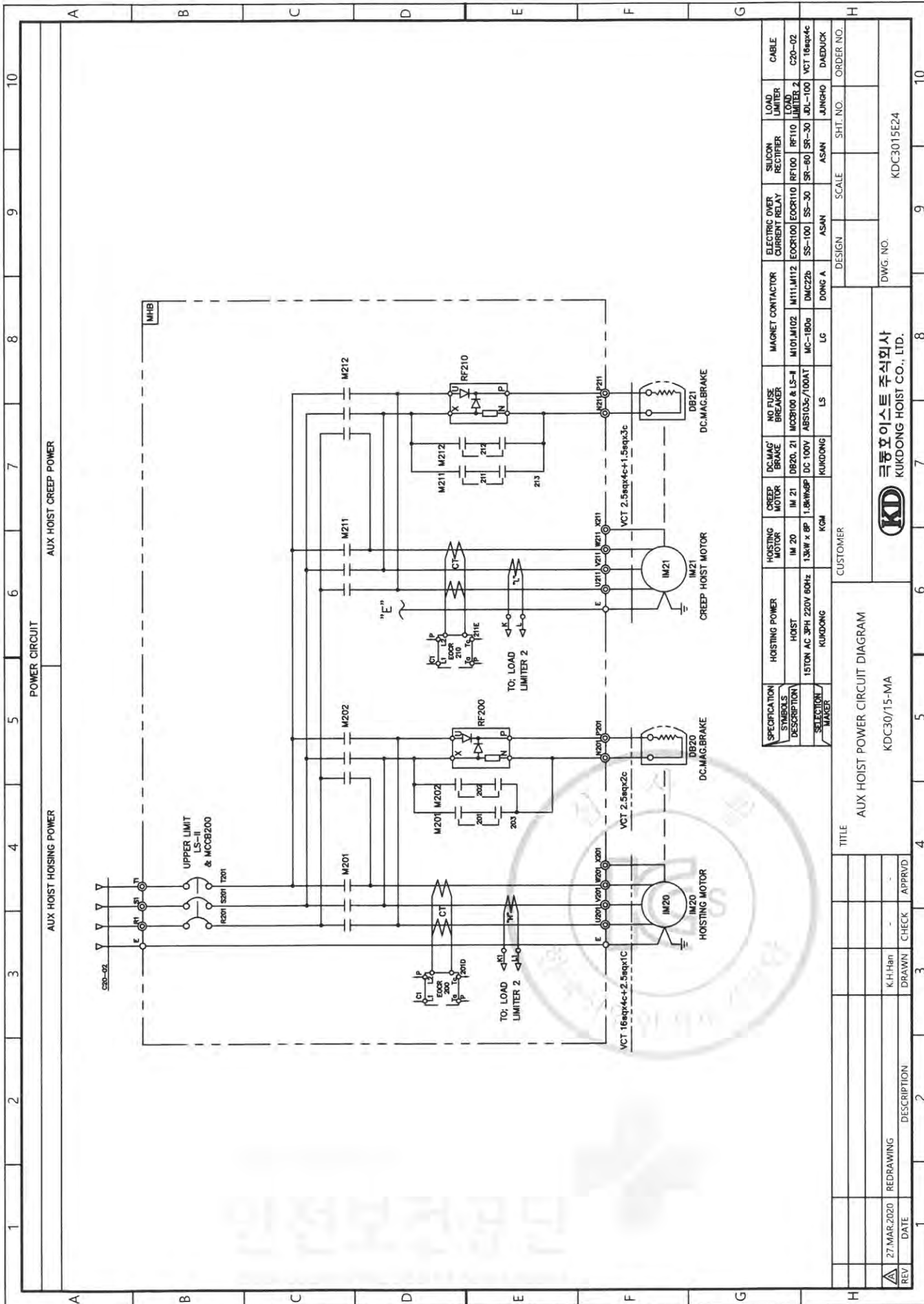
KDC30/15-MA

REV 27.MAR.2020 **DATE** **DESCRIPTION** **DRAWN** K.H.Han **CHECK** **APPRVD**



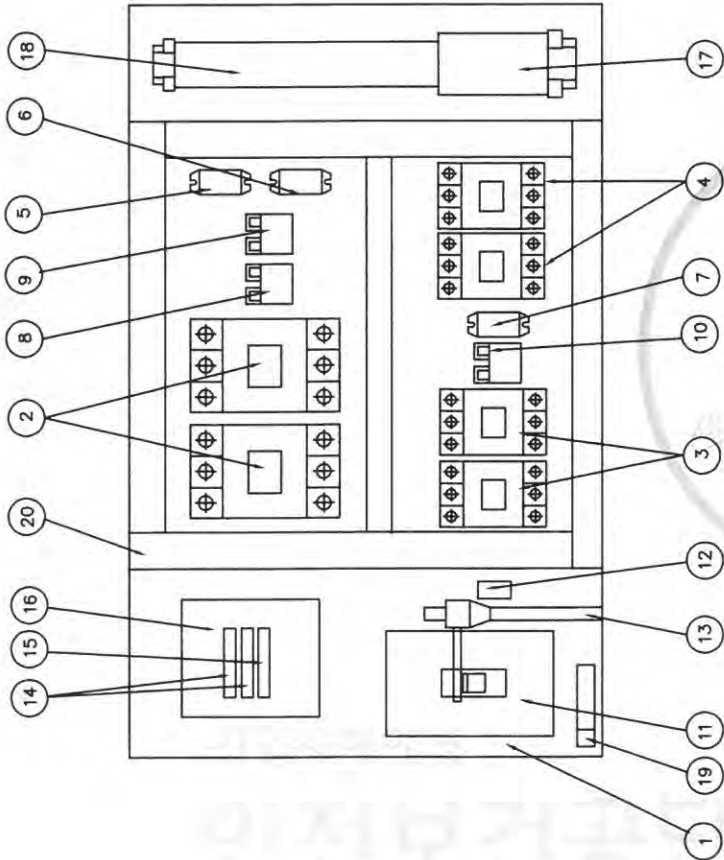


A		B		C		D		E		F		G		H	
1		2		3		4		5		6		7		8	
10		9		8		7		6		5		4		3	
NOTE 1. 전선의 색상은 다음과 같다. 1) 흑색 : 교류 및 직류 전원선로 5) 청색 : 직류 제어선로 2) 적색 : 교류 제어회로 3) 주황색 : 외부 전원에서 공급되는 연동장치 제어회로 4) 녹색 또는 녹색과 황색 혼용 : 접지선 2. CABLE MATERIAL : KIV OR EQUIVALENT MIN SIZE : 1.5sq 3. 제어용 전선 : 1.5mm KIV,HIV 4. 제작시 다소 변경 될수있음. 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-1의 접점 허용 전류 용량 : AC 600V, 3A 2. UPPER LIMIT LS-2의 접점 허용 전류 용량 : NFB 125AF/75AT 3. EARTH TERMINAL RESISTANCE : 0.018 Ω 4. POWER SOURCE : AC. 3φ 220V 60HZ															
WARNING 27MAR 2020 DATE REV															
REDRAWING K.H.Han DRAWN CHECK APPROVD															
TITLE PANEL LAY OUT (AUX) KDC30/15-MA															
CUSTOMER KD 극동호이스트 주식회사 KUKDONG HOIST CO., LTD.															
DESIGN SCALE SHT. NO. ORDER NO.															
DWG. NO. KDC3015BA2-1															
1 2 3 4 5 6 7 8 9 10															



NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
1	CHASSIS PLATE		1	아 현 도 금
2	MAGNET CONTACT	MC-130a	2	HOISTING
3	MAGNET CONTACT	DMC22b	2	CREEP HOISTING
4	MAGNET CONTACT	DMC22b	2	TRAVERSING
5	SILICON RECTIFIER	SR-60	1	HOISTING
6	SILICON RECTIFIER	SR-30	1	CREEP HOISTING
7	SILICON RECTIFIER	SR-30	1	TRAVERSING
8	E.O.C.R	SS-60	1	HOISTING
9	E.O.C.R	SS-30	1	CREEP HOISTING
10	E.O.C.R	SS-30	1	TRAVERSING
11	N.F.B	125AF/75AT	1	LS-2
12	UPPER LIMIT	AC 600V/3A	1	LS-1
13	LIMIT LEVER	SS400	1	
14	FUSE (F11,F12)	2 A	2	
15	FUSE (F13)	5 A	1	
16	TRANSFORMER	380V/110,120V, 200VA	1	
17	TERMINAL BLOCK	100A, 25A		
18	TERMINAL BLOCK	15A		
19	EARTH TERMINAL	51x25x50	1	
20	CABLE DUCT	-	1	

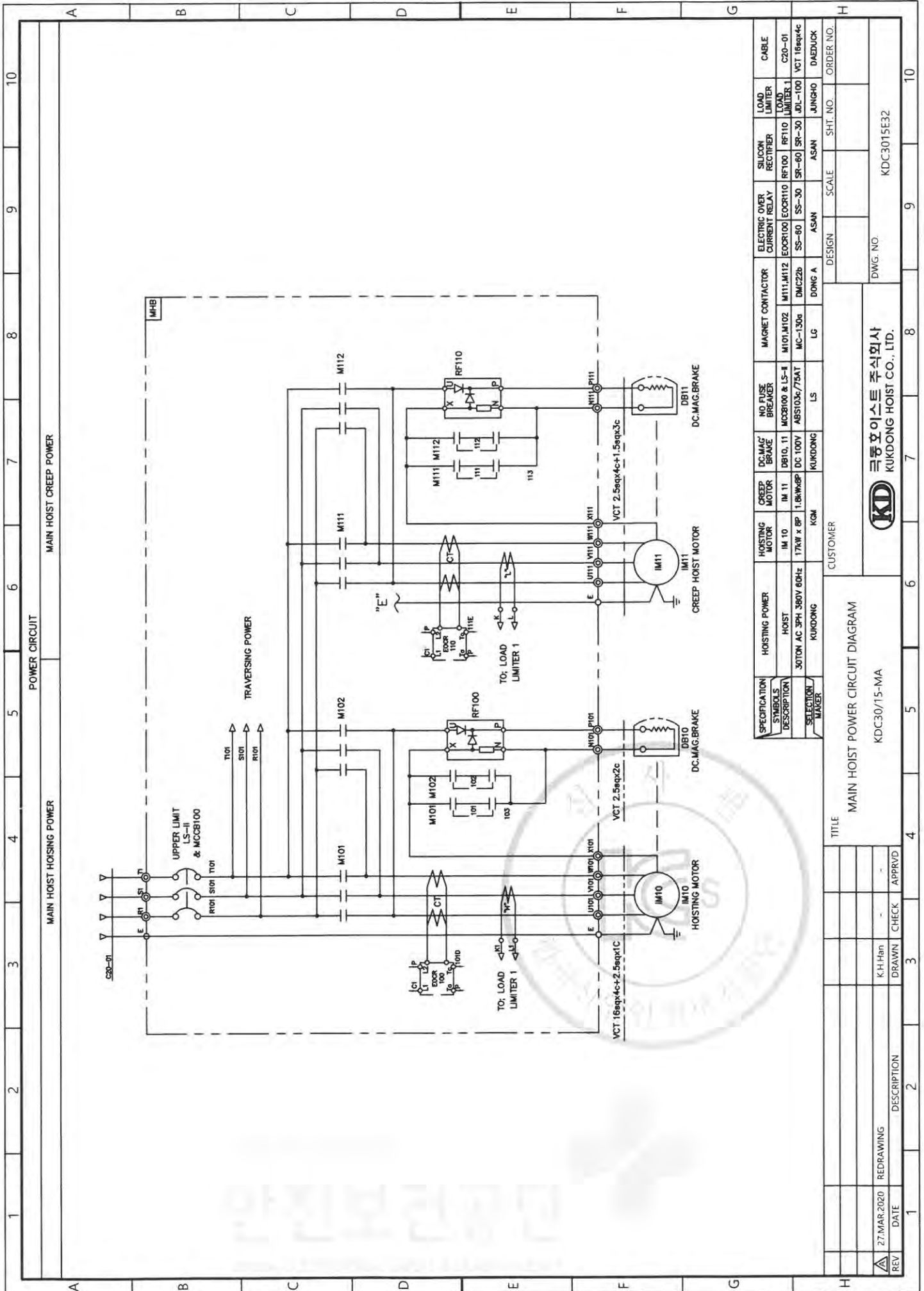
- NOTE** 1. 전선의 색상은 다음과 같다.
- 1) 흑색 : 교류 및 직류 전원선
2) 적색 : 교류 제어선
3) 주황색 : 외부 전원에서 공급되는 연동장치 제어선
4) 녹색 또는 녹색과 황색 혼용 : 접지선
2. CABLE MATERIAL : KIV OR EQUIVALENT
MIN SIZE : 1.5sq
3. 제어용 전선 : 1.5mm KIV,HIV
4. 제작시 다소 변경 될수있음.
5. 외함 개방구조는 다음과 같음.
- 1) 외함 개방시 충전부분이 차단되도록 함.
- 2) 외함 개방후 충전되어있는 부분은 IP2X 이상의 차단 접점 방호가 되어있을것.

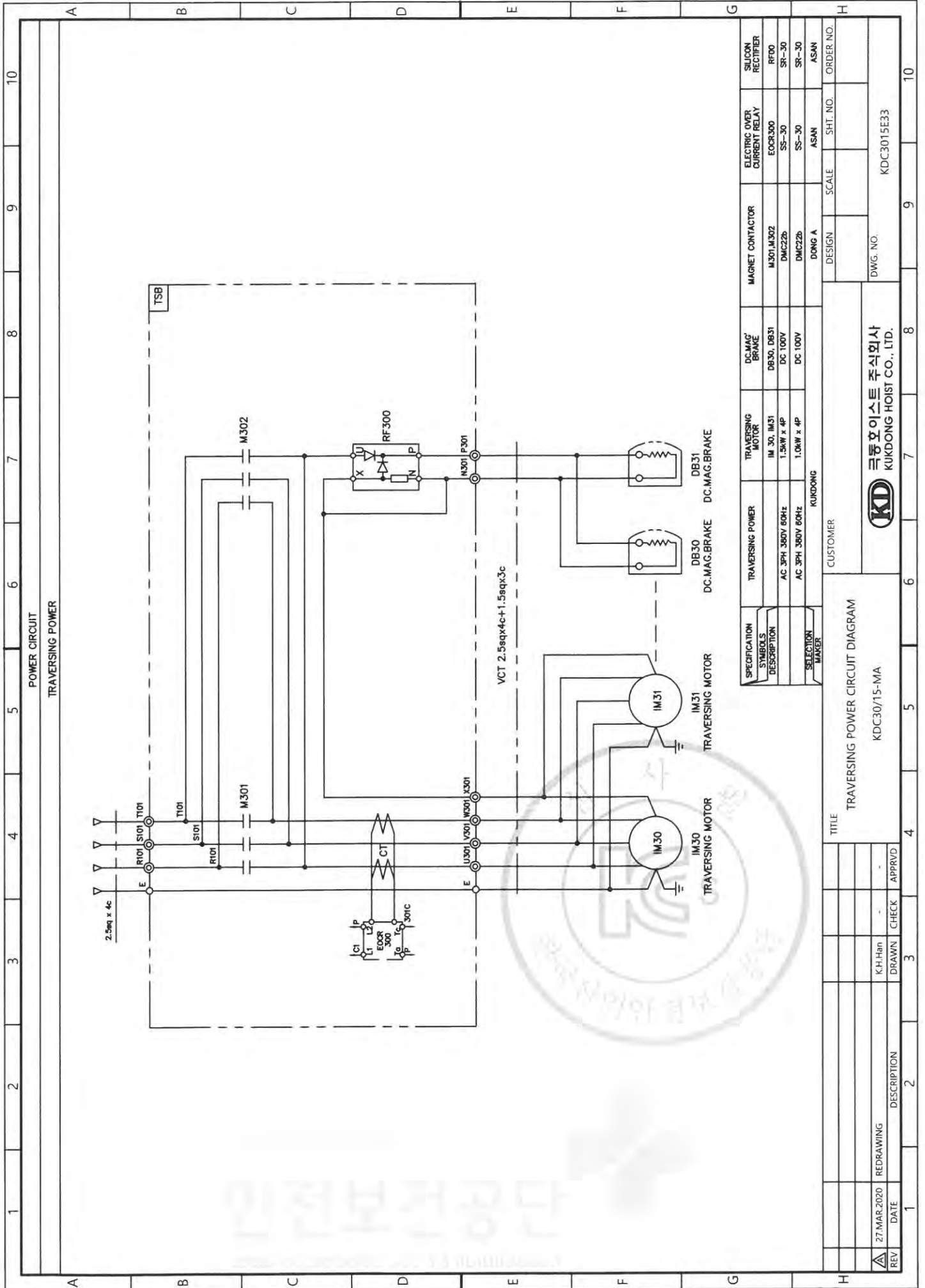


- NOTE**
1. UPPER LIMIT LS-1의 접점 허용 전류 용량 : AC 600V, 3A
2. UPPER LIMIT LS-2의 접점 허용 전류 용량 : NFB 125AF/75AT
3. EARTH TERMINAL RESISTANCE : 0.018 Ω
4. POWER SOURCE : AC. 3φ 380V 60HZ



CUSTOMER		TITLE		PANEL LAY OUT (MAIN)		KDC30/15-MA	
KUDONG HOIST CO., LTD.		KDC30/15-MA		KDC30/15-MA		KDC30/15-MA	
REV	DATE	DESCRIPTION	DRAWN	CHECK	APPRVD		
27 MAR. 2020		REDRAWING	K.H.Han				
DWG. NO. KDC3015BA3						ORDER NO.	







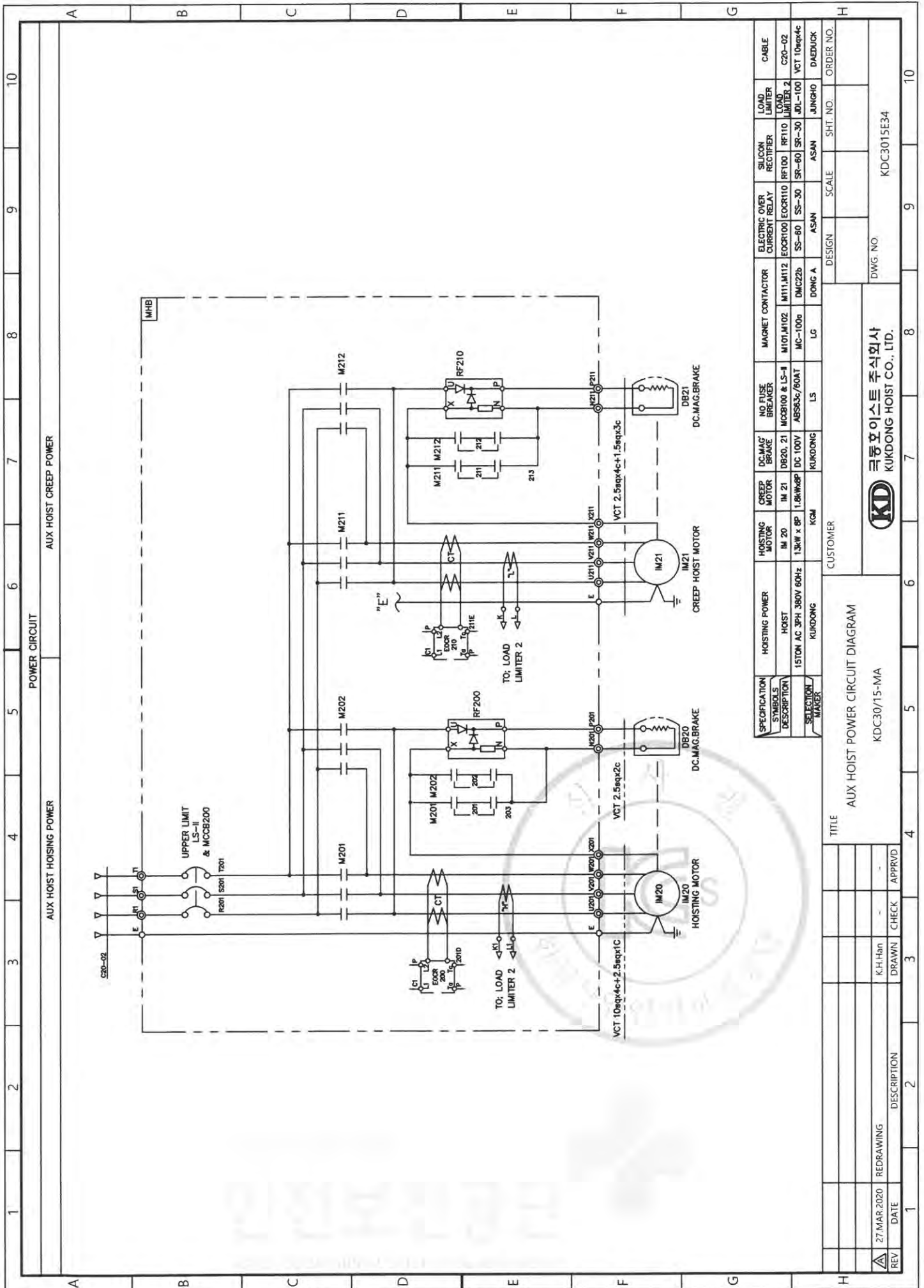
NOTE

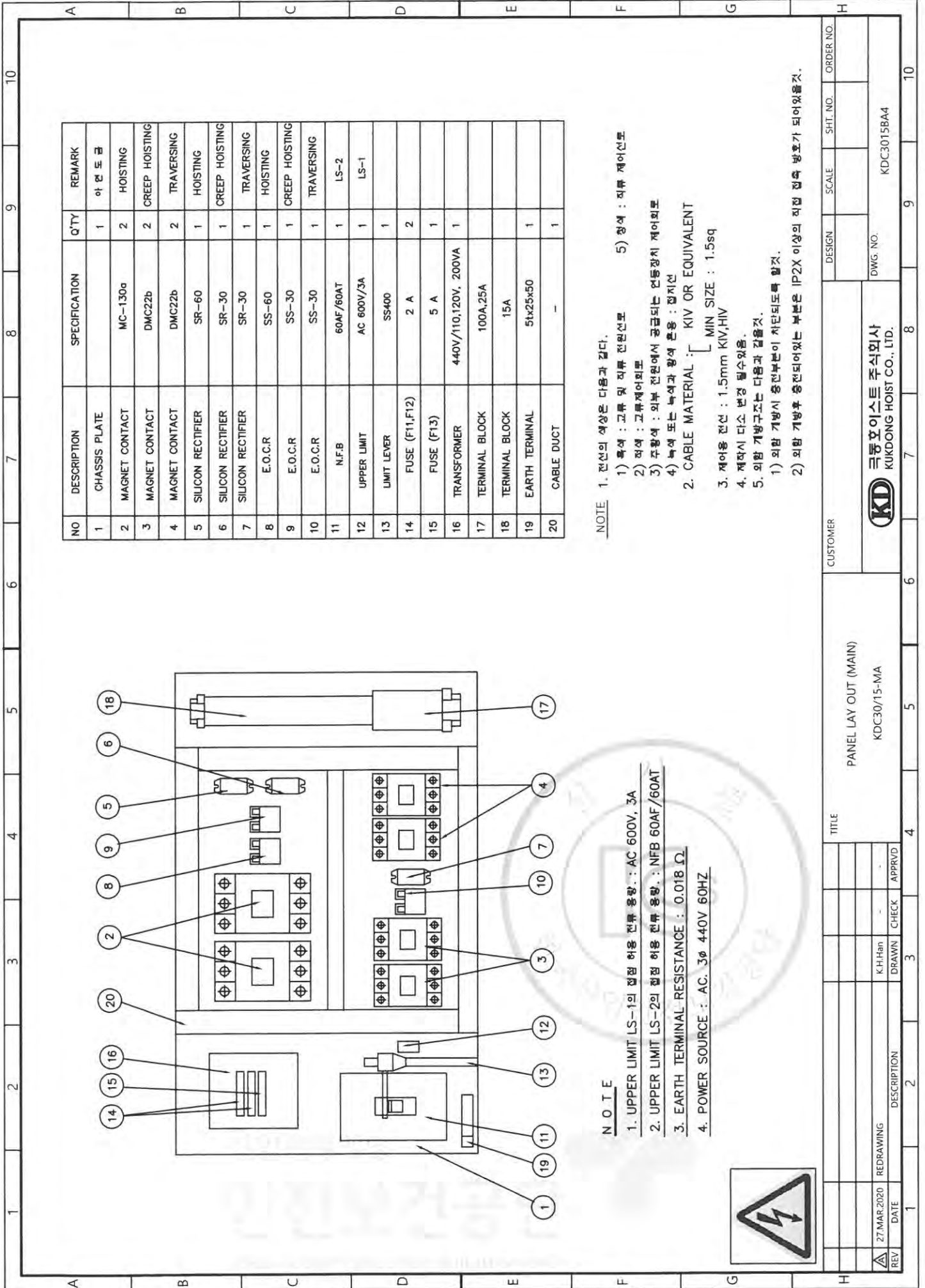
1. 전선의 색상은 다음과 같다.
 - 1) 흑색 : 교류 및 직류 전원선으로
 - 2) 적색 : 교류제어회로
 - 3) 주황색 : 외부 전원에서 공급되는 인동장치 제어회로
 - 4) 녹색 또는 녹색과 황색 혼용 : 접지선
2. CABLE MATERIAL : KIV OR EQUIVALENT
MIN SIZE : 1.5sq
3. 제어용 전선 : 1.5mm KIV,HIV
4. 제자리 다소 변경 될수있음.
5. 외함 개방구조는 다음과 같음.
 - 1) 외함 개방시 승진부분이 차단되도록 함.
 - 2) 외함 개방후 승진되어있는 부분은 IP2X 이상의 차단 전압

NOTE 1. 전선의 색상은 다음과 같다.

- 1) 흑색 : 고무 및 지류 전원선로 5) 황색 : 지류 제어선로
2) 적색 : 고무제어외로
3) 주황색 : 외부 전원에서 공급되는 연동장치 제어외로
4) 녹색 또는 녹색과 황색 혼용 : 접지선
- CABLE MATERIAL : KLV OR EQUIVALENT
MIN SIZE : 1.5sq
- 제어용 전선 : 1.5mm KV,HIV
제하시 다소 변경 될수있음.
의함 개방구조는 다음과 같을것.
- 1) 의함 개방시 충전부분이 차단되도록 할것.
2) 의함 개방후 충전되어있는 부분은 IP2X 이상의 차단 전압을 받

[illegible]





NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
1	CHASSIS PLATE		1	아 전 도 플
2	MAGNET CONTACT	MC-130a	2	HOISTING
3	MAGNET CONTACT	DMC22b	2	CREEP HOISTING
4	MAGNET CONTACT	DMC22b	2	TRAVERSING
5	SILICON RECTIFIER	SR-60	1	HOISTING
6	SILICON RECTIFIER	SR-30	1	CREEP HOISTING
7	SILICON RECTIFIER	SR-30	1	TRAVERSING
8	E.O.C.R	SS-60	1	HOISTING
9	E.O.C.R	SS-30	1	CREEP HOISTING
10	E.O.C.R	SS-30	1	TRAVERSING
11	N.F.B	60AF/60AT	1	LS-2
12	UPPER LIMIT	AC 600V/3A	1	LS-1
13	LIMIT LEVER	SS400	1	
14	FUSE (F1,F12)	2 A	2	
15	FUSE (F13)	5 A	1	
16	TRANSFORMER	440V/110,120V, 200VA	1	
17	TERMINAL BLOCK	100A,25A		
18	TERMINAL BLOCK	15A		
19	EARTH TERMINAL	51x25x50	1	
20	CABLE DUCT	-	1	

NOTE

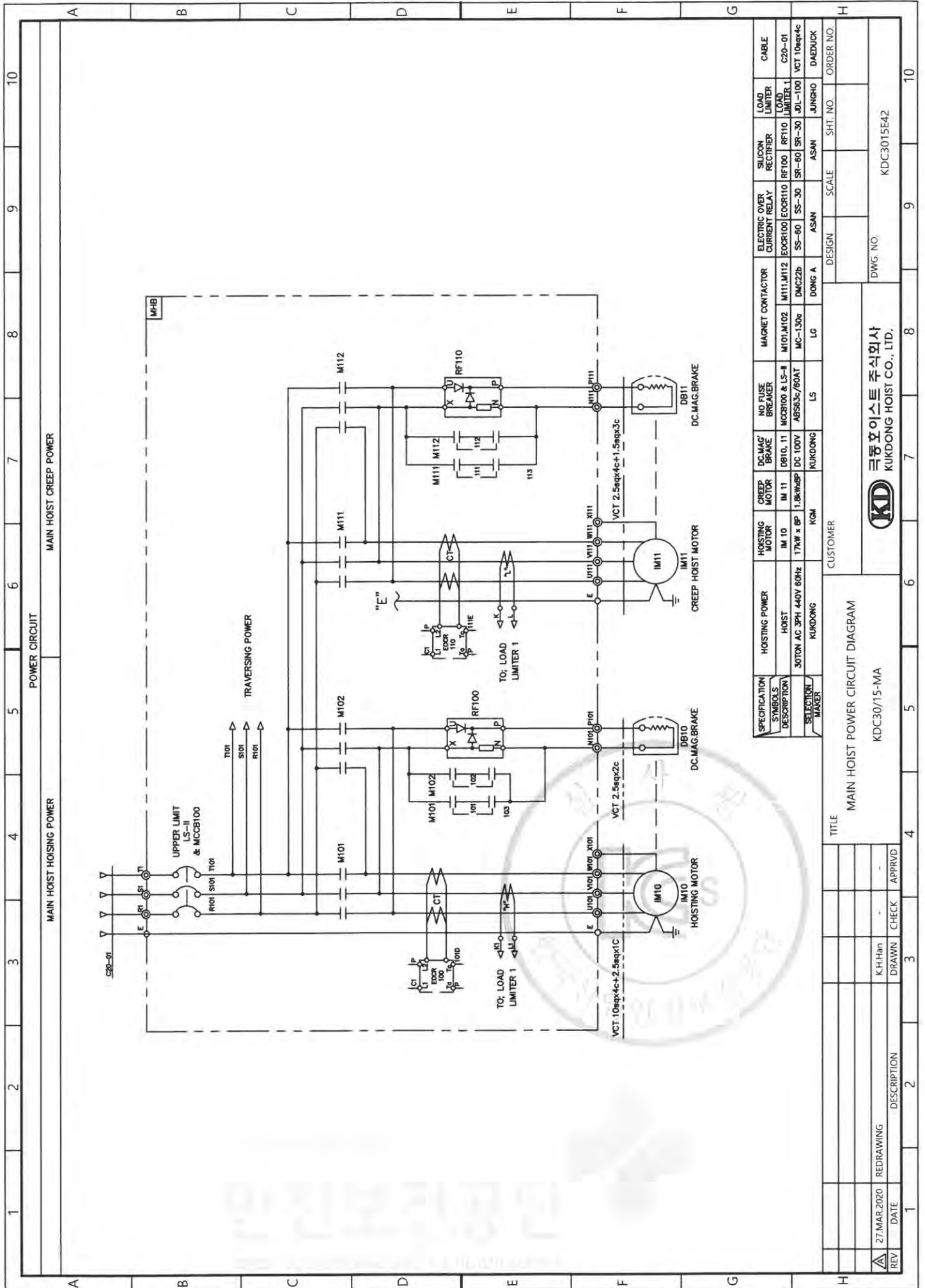
1. UPPER LIMIT LS-1의 접점 허용 전류 용량 : AC 600V, 3A
2. UPPER LIMIT LS-2의 접점 허용 전류 용량 : NFB 60AF/60AT
3. EARTH TERMINAL RESISTANCE : 0.018 Ω
4. POWER SOURCE : AC. 3φ 440V 60HZ

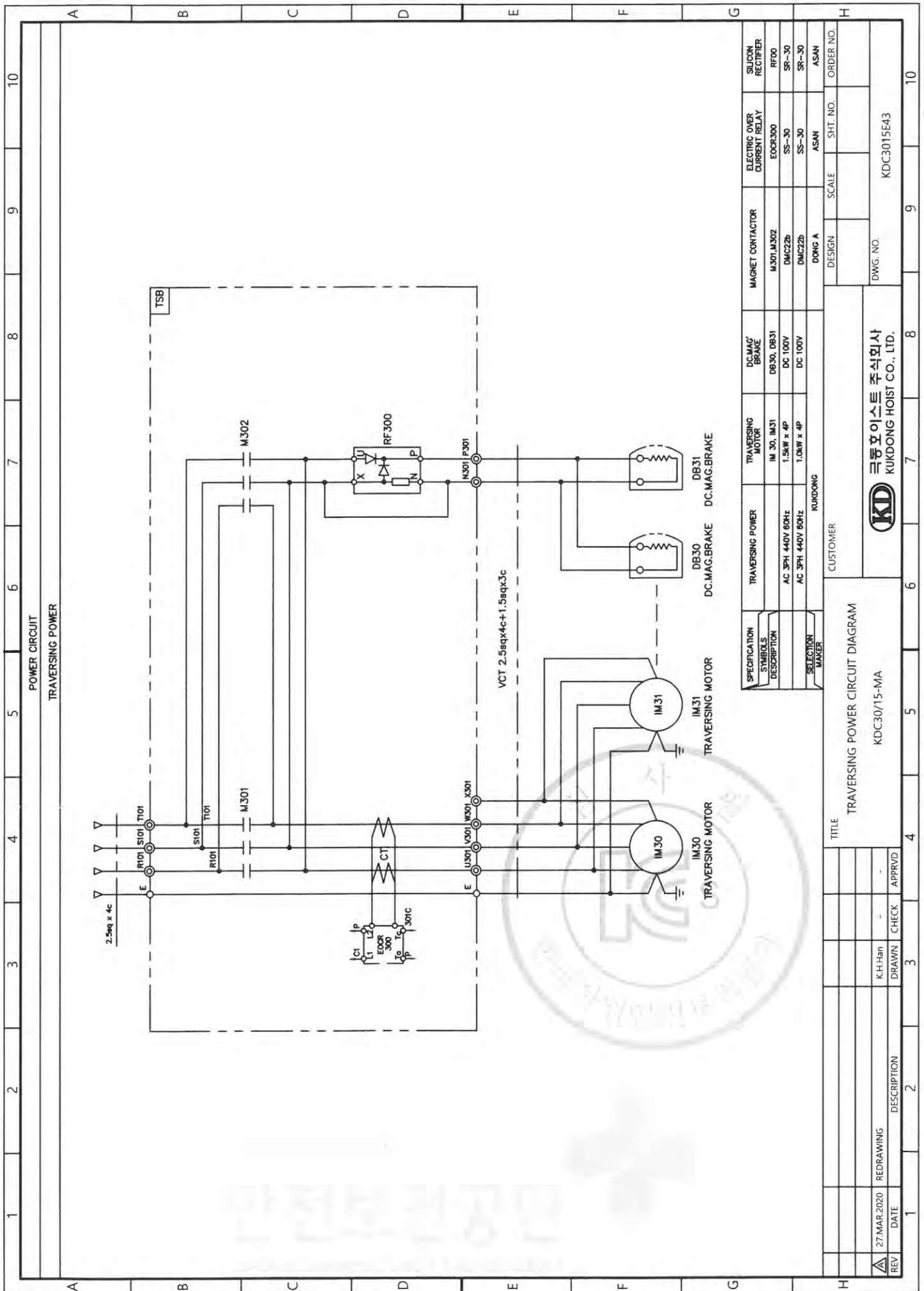
NOTE 1. 전선의 색상은 다음과 같다.

- 1) 흑색 : 교류 및 직류 전원선로
 - 2) 적색 : 교류제어회로
 - 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. 제어시 다소 변경 될수있음.
 5. 외함 개방구조는 다음과 같을것.
 - 1) 외함 개방시 충전부분이 차단되도록 할것.
 - 2) 외함 개방후 충전되어있는 부분은 IP2X 이상의 직접 접촉 방호가 되어있을것.



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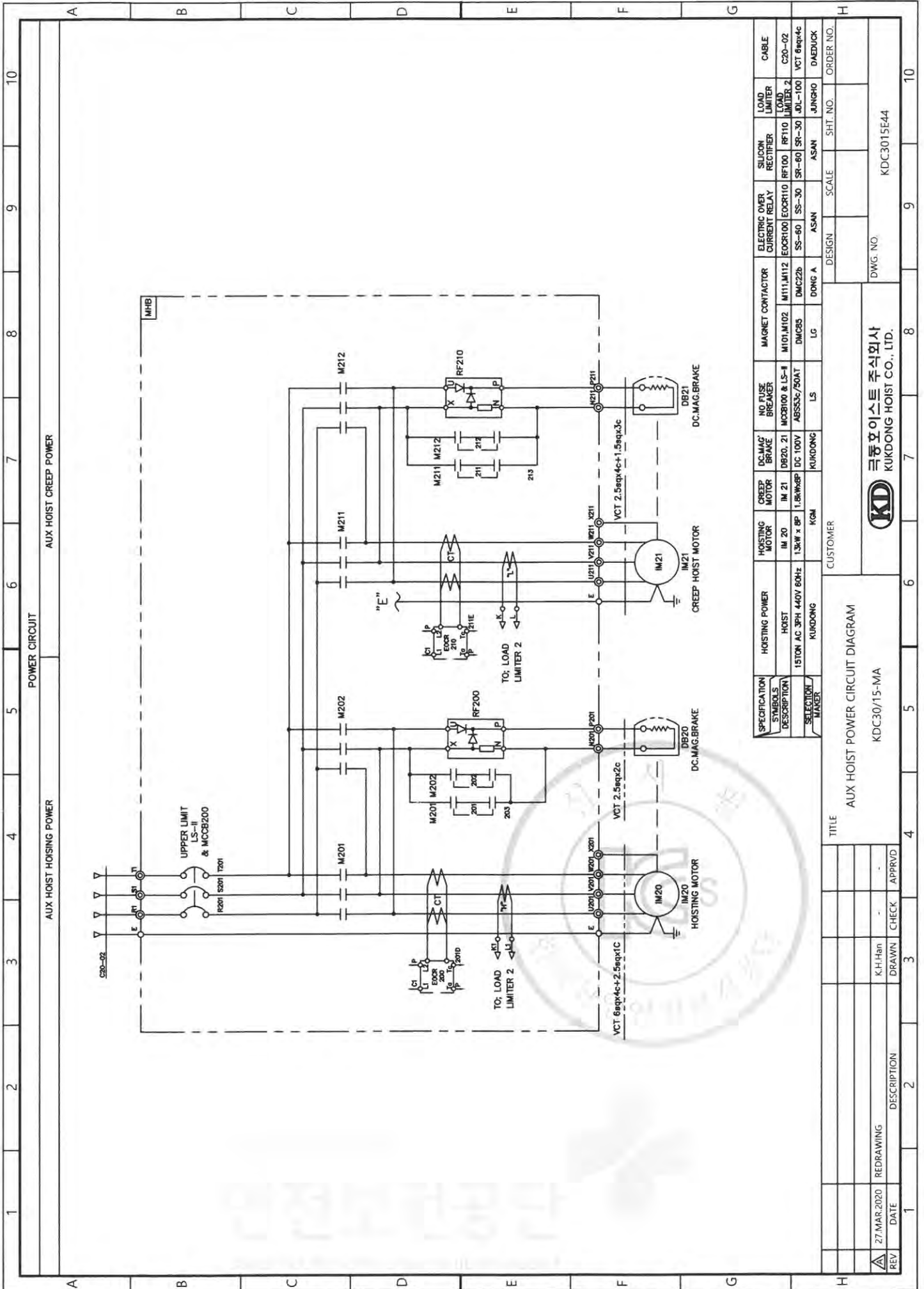
NOTE

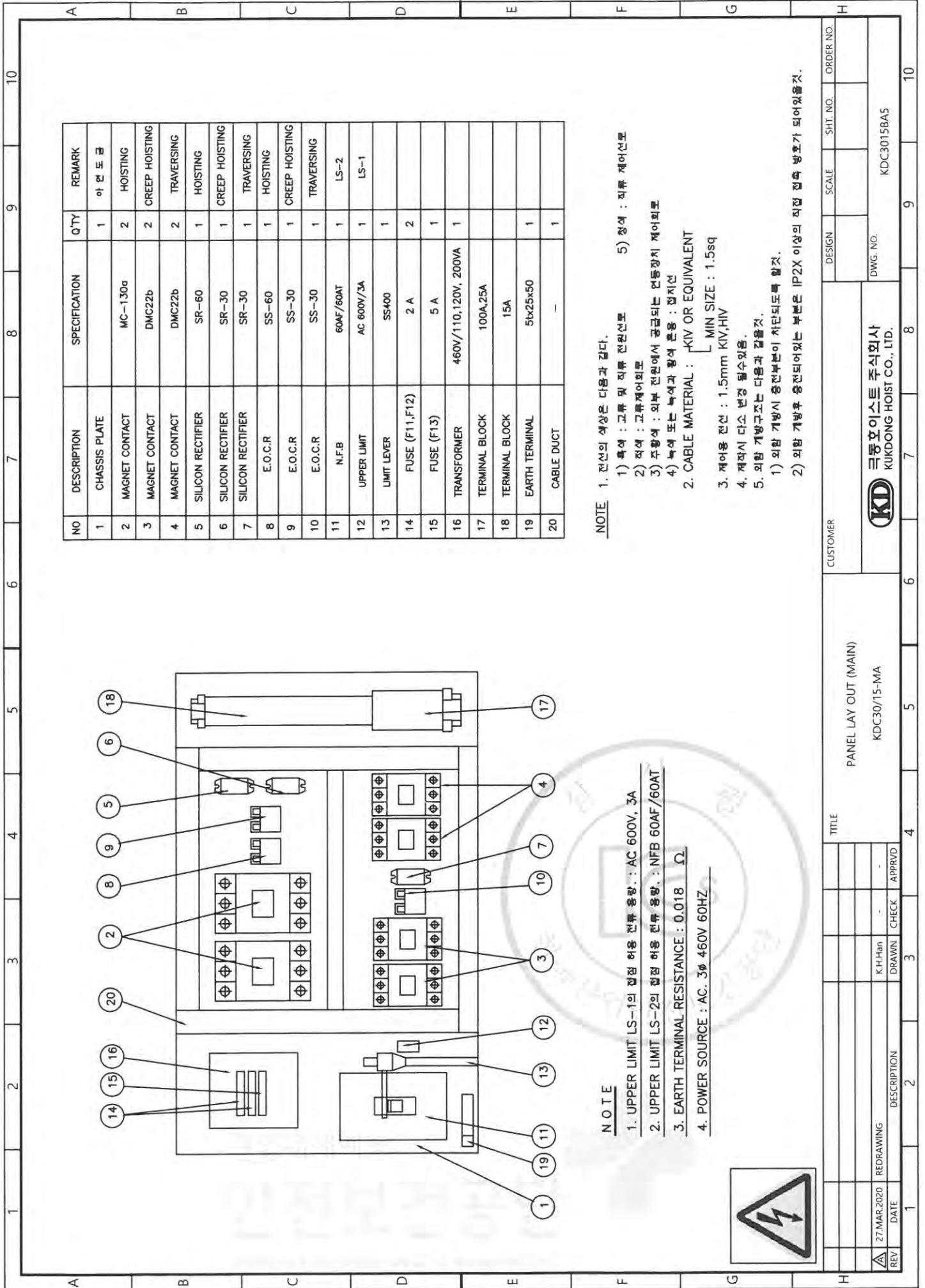
1. 전선의 색상은 다음과 같다.
 - 1) 흑색 : 교류 및 직류 전원선으로
 - 2) 적색 : 교류제어회로
 - 3) 주황색 : 외부 전원에서 공급되는 컨트롤장치 제어회로
 - 4) 녹색 또는 녹색과 황색 혼용 : 접지선
2. CABLE MATERIAL : KIV OR EQUIVALENT
MIN SIZE : 1.5sq
3. 제어용 전선 : 1.5mm KIV,HIV
4. 제라시 디오 변경 될수있음.
5. 외함 개방구조는 다음과 같을것.
 - 1) 외함 개방시 운전부분이 차단되도록 할것.
 - 2) 외함 개방후 운전되어있는 부분은 IP2X 이상의 차단 전압

NOTE 1. 전선의 색상은 다음과 같다.

- 1) 흑색 : 고무 및 지류 전원선로 5) 황색 : 지류 제어선로
2) 적색 : 고무제어회로
3) 주황색 : 외부 전원에서 공급되는 연동장치 제어회로
4) 녹색 또는 녹색과 황색 혼용 : 접지선
- CABLE MATERIAL : KIV OR EQUIVALENT
MIN SIZE : 1.5sq
- 제어용 전선 : 1.5mm KIV,HIV
제어시 다소 변경 될수있음.
의함 개방구조는 다음과 같을것.
- 1) 의함 개방시 충전부본이 차단되도록 할것.
2) 의함 개방후 충전되어있는 부본은 IP2X 이상의 차단 전압을

[illegible]





NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
1	CHASSIS PLATE		1	아 인 도 글
2	MAGNET CONTACT	MC-130a	2	HOISTING
3	MAGNET CONTACT	DMC22b	2	CREEP HOISTING
4	MAGNET CONTACT	DMC22b	2	TRAVERSING
5	SILICON RECTIFIER	SR-60	1	HOISTING
6	SILICON RECTIFIER	SR-30	1	CREEP HOISTING
7	SILICON RECTIFIER	SR-30	1	TRAVERSING
8	E.O.C.R	SS-60	1	HOISTING
9	E.O.C.R	SS-30	1	CREEP HOISTING
10	E.O.C.R	SS-30	1	TRAVERSING
11	N.F.B	60AF/60AT	1	LS-2
12	UPPER LIMIT	AC 600V/3A	1	LS-1
13	LIMIT LEVER	SS400	1	
14	FUSE (F11,F12)	2 A	2	
15	FUSE (F13)	5 A	1	
16	TRANSFORMER	460V/110,120V, 200VA	1	
17	TERMINAL BLOCK	100A,25A		
18	TERMINAL BLOCK	15A		
19	EARTH TERMINAL	5lx25x50	1	
20	CABLE DUCT	-	1	

NOTE

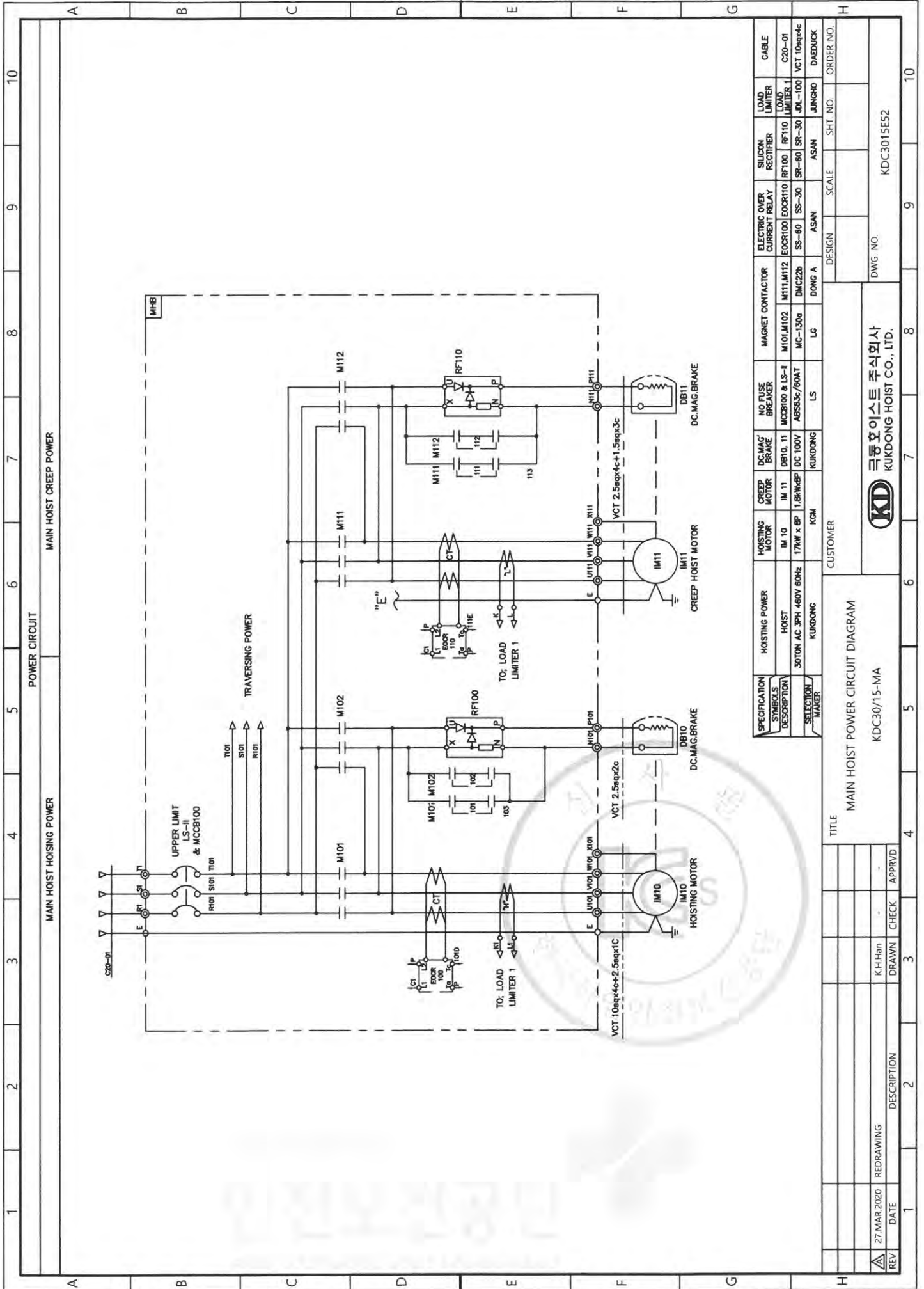
1. UPPER LIMIT LS-1의 접점 허용 전류 용량 : AC 600V, 3A
2. UPPER LIMIT LS-2의 접점 허용 전류 용량 : NFB 60AF/60AT
3. EARTH TERMINAL RESISTANCE : 0.018 Ω
4. POWER SOURCE : AC 3Φ 460V 60HZ

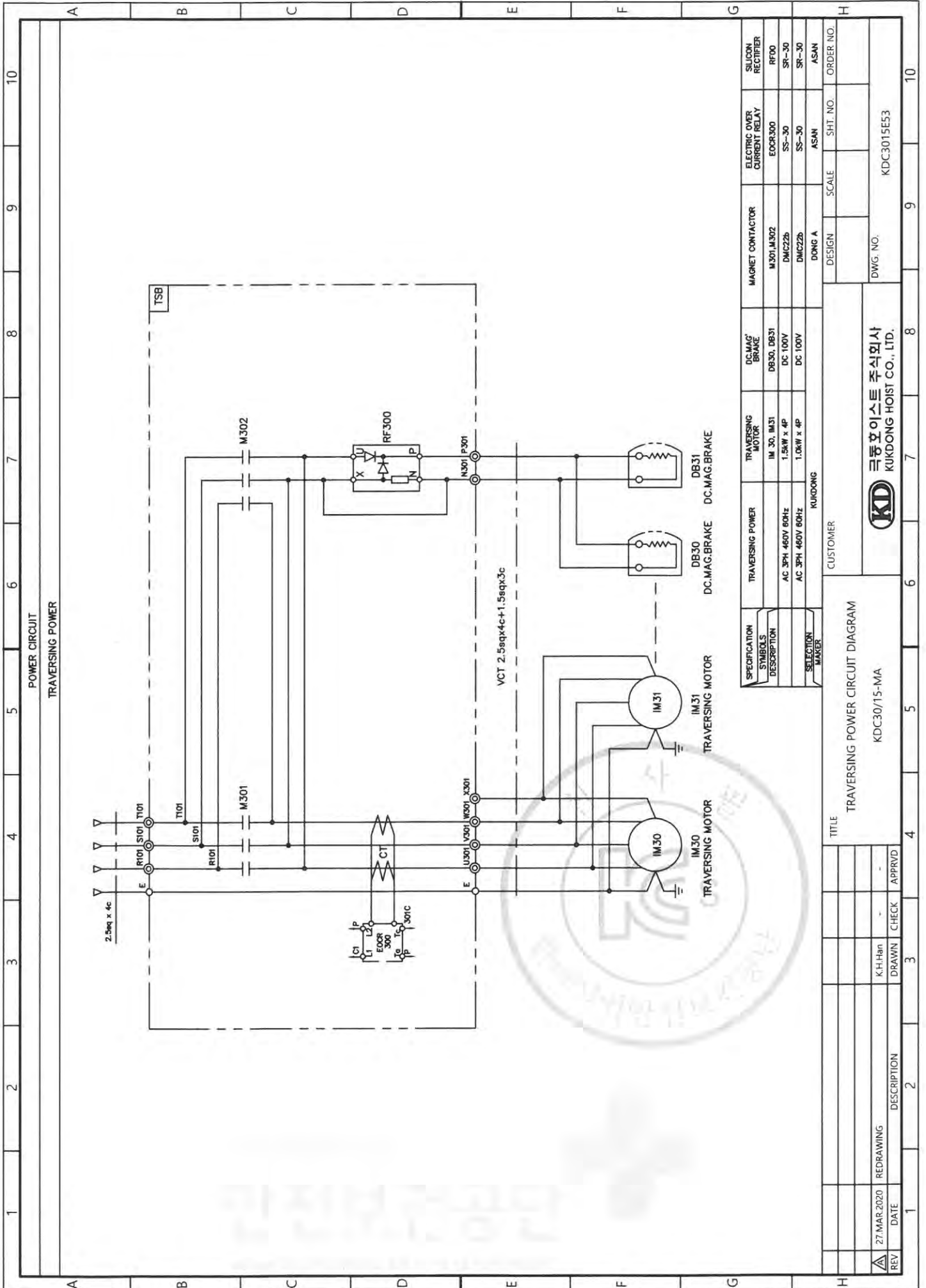
NOTE

1. 전선의 색상은 다음과 같다.
- 1) 흑색 : 교류 및 직류 전원선
- 2) 적색 : 교류 제어회로
- 3) 주황색 : 외부 전원에서 공급되는 연동장치 제어회로
- 4) 녹색 또는 녹색과 황색 혼용 : 접지선
2. CABLE MATERIAL : KIV OR EQUIVALENT
3. 케이블 전선 : 1.5mm KIV,HIV
4. 제작시 다소 변경 될수있음.
5. 외함 개방구조는 다음과 같을것.
- 1) 외함 개방시 충전부분이 차단되도록 할것.
- 2) 외함 개방후 충전되어있는 부분은 IP2X 이상의 직접 접촉 보호가 되어있을것.



CUSTOMER		TITLE		DESIGN		SCALE		SHT. NO.		ORDER NO.	
KUDONG HOIST CO., LTD.		PANEL LAY OUT (MAIN)		KDC30/15-MA							
REV	DATE	DESCRIPTION	DRAWN	CHECK	APPRVD	DWG. NO.		KDC3015BA5			
27 MAR 2020		REDRAWING	K.H.Han								







NOTE

1. 전선의 색상은 다음과 같다.
- 1) 흑색 : 교류 및 직류 전선선로
- 2) 적색 : 교류제어회로
- 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, HV

4. 제직시 다소 변경 될수있음.

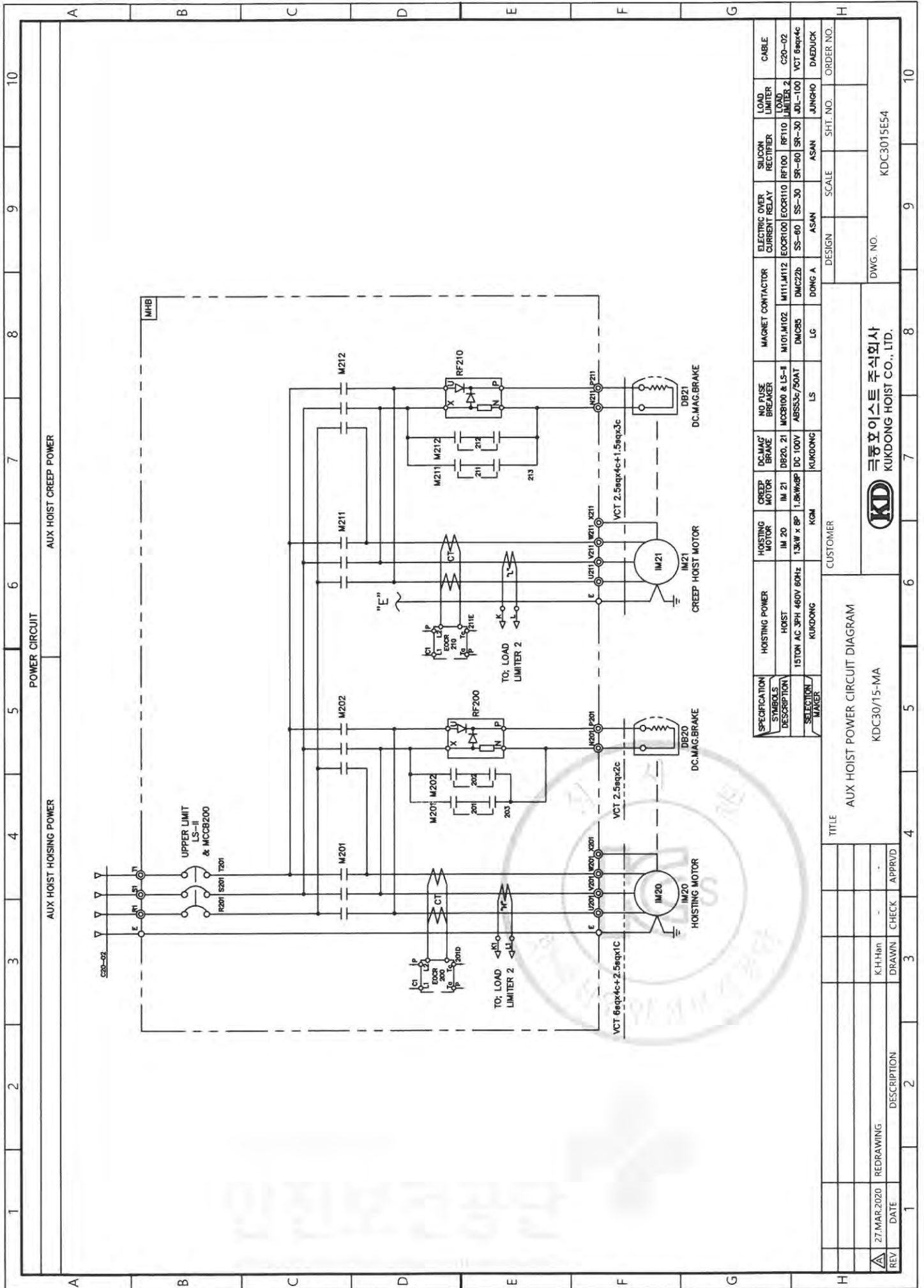
5. 외함 개방구조는 다음과 같음것.

- 1) 외함 개방시 충전부본이 차단되도록 함것.
- 2) 외함 개방후 충전되어있는 부본은 IP2X 이상의 차단 접속함

NOTE

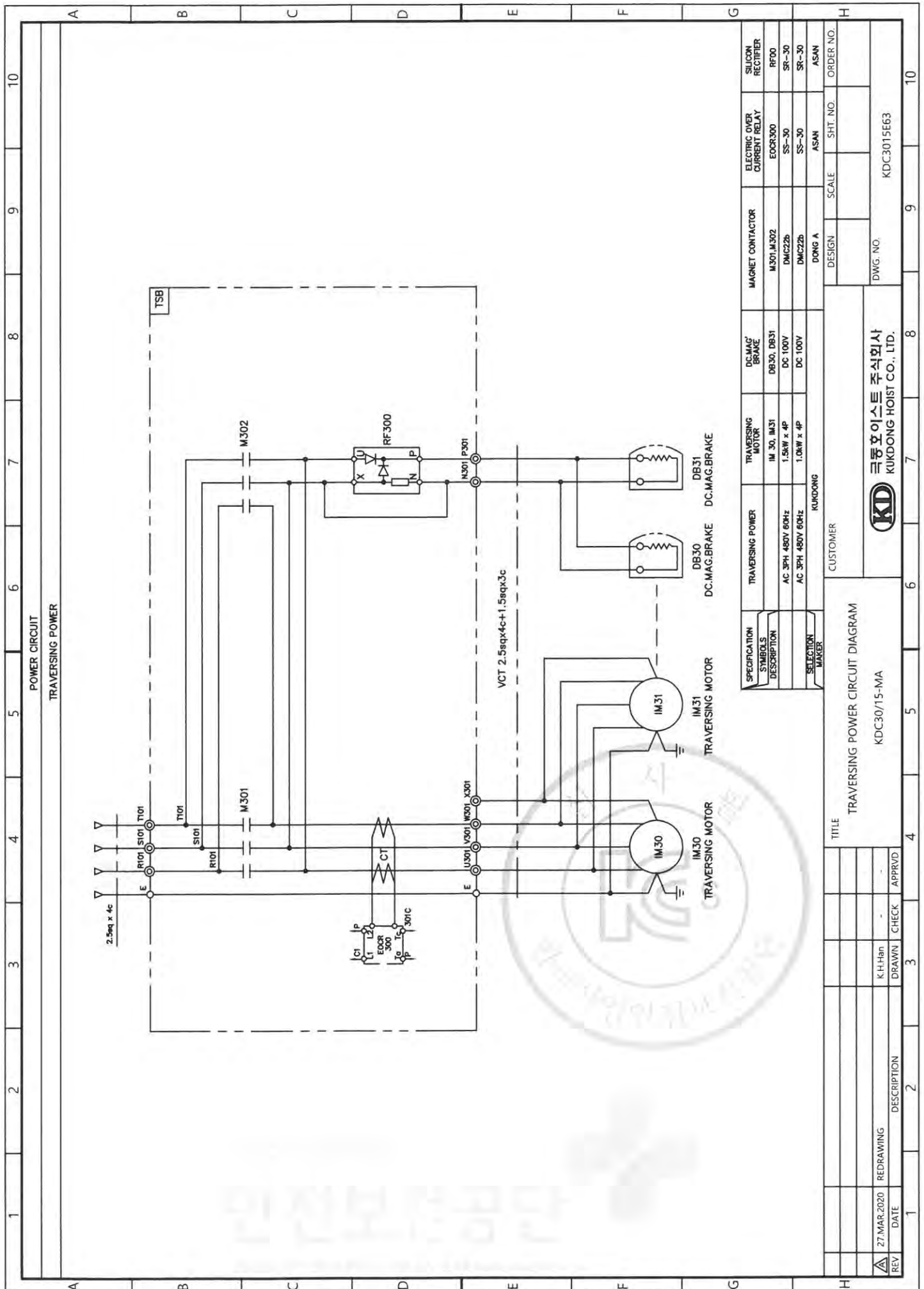
1. UPPER LIMIT LS-1의 절점 허용 전류 용량 : AC 600V, 3A
2. UPPER LIMIT LS-2의 절점 허용 전류 용량 : NFB 50AF/50AT
3. EARTH TERMINAL RESISTANCE : 0.018 Ω
4. POWER SOURCE : AC, 3 ϕ 460V 60HZ

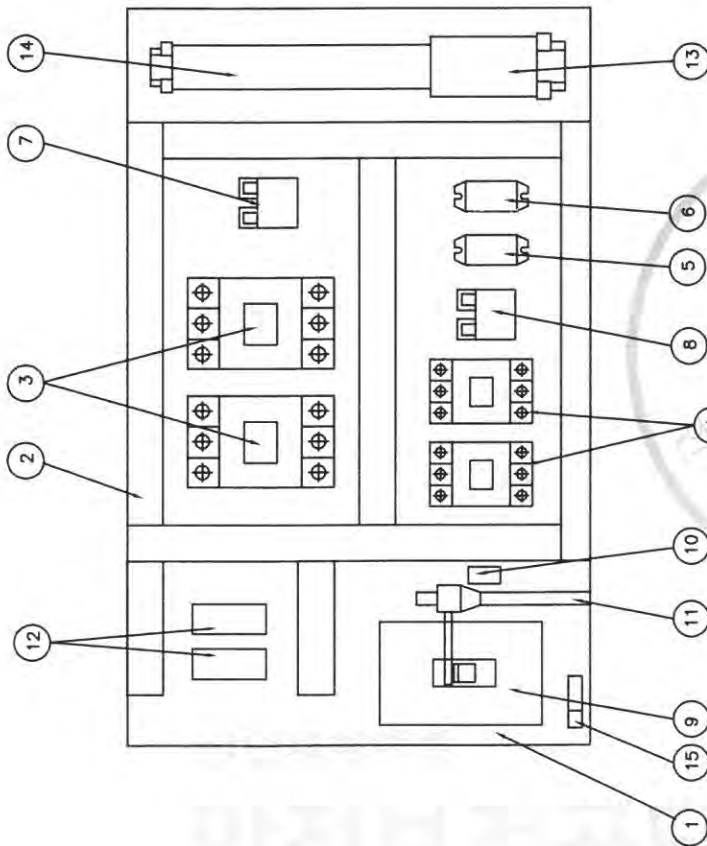
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1		2		3		4		5		6		7		8																																																																																																																									
NOTE 1. 전선의 색상은 다음과 같다. 1) 흑색 : 교류 및 직류 전원선로 5) 청색 : 직류 제어선로 2) 적색 : 교류제어회로 3) 주상색 : 외부 전원에서 공급되는 연동장치 제어회로 4) 녹색 또는 녹색과 황색 혼용 : 접지선 2. CABLE MATERIAL : KIV OR EQUIVALENT 3. 제어용 전선 : 1.5mm KIV, Hiv MIN SIZE : 1.5sq 4. 제하지 다소 변경 될수있음. 5. 외함 개방구조는 다음과 같을것. 1) 외함 개방시 충전부분이 차단되도록 할것. 2) 외함 개방후 충전되어있는 부분은 IP2X 이상의 직접 접촉 보호가 되어있을것.																																																																																																																																							
NO DESCRIPTION SPECIFICATION Q'TY REMARK <tr> <td>1</td> <td>CHASSIS PLATE</td> <td></td> <td></td> <td>1</td> <td>아 연 도 플</td> </tr> <tr> <td>2</td> <td>MAGNET CONTACT</td> <td>MC-130a</td> <td></td> <td>2</td> <td>HOISTING</td> </tr> <tr> <td>3</td> <td>MAGNET CONTACT</td> <td>DMC22b</td> <td></td> <td>2</td> <td>CREEP HOISTING</td> </tr> <tr> <td>4</td> <td>MAGNET CONTACT</td> <td>DMC22b</td> <td></td> <td>2</td> <td>TRAVERSING</td> </tr> <tr> <td>5</td> <td>SILICON RECTIFIER</td> <td>SR-60</td> <td></td> <td>1</td> <td>HOISTING</td> </tr> <tr> <td>6</td> <td>SILICON RECTIFIER</td> <td>SR-30</td> <td></td> <td>1</td> <td>CREEP HOISTING</td> </tr> <tr> <td>7</td> <td>SILICON RECTIFIER</td> <td>SR-30</td> <td></td> <td>1</td> <td>TRAVERSING</td> </tr> <tr> <td>8</td> <td>E.O.C.R</td> <td>SS-60</td> <td></td> <td>1</td> <td>HOISTING</td> </tr> <tr> <td>9</td> <td>E.O.C.R</td> <td>SS-30</td> <td></td> <td>1</td> <td>CREEP HOISTING</td> </tr> <tr> <td>10</td> <td>E.O.C.R</td> <td>SS-30</td> <td></td> <td>1</td> <td>TRAVERSING</td> </tr> <tr> <td>11</td> <td>N.F.B</td> <td>60AF/60AT</td> <td></td> <td>1</td> <td>LS-2</td> </tr> <tr> <td>12</td> <td>UPPER LIMIT</td> <td>AC 600V/3A</td> <td></td> <td>1</td> <td>LS-1</td> </tr> <tr> <td>13</td> <td>LIMIT LEVER</td> <td>SS400</td> <td></td> <td>1</td> <td></td> </tr> <tr> <td>14</td> <td>FUSE (F11,F12)</td> <td>2 A</td> <td></td> <td>2</td> <td></td> </tr> <tr> <td>15</td> <td>FUSE (F13)</td> <td>5 A</td> <td></td> <td>1</td> <td></td> </tr> <tr> <td>16</td> <td>TRANSFORMER</td> <td>480V/110,120V, 200VA</td> <td></td> <td>1</td> <td></td> </tr> <tr> <td>17</td> <td>TERMINAL BLOCK</td> <td>100A,25A</td> <td></td> <td></td> <td></td> </tr> <tr> <td>18</td> <td>TERMINAL BLOCK</td> <td>15A</td> <td></td> <td></td> <td></td> </tr> <tr> <td>19</td> <td>EARTH TERMINAL</td> <td>5t×25×50</td> <td></td> <td>1</td> <td></td> </tr> <tr> <td>20</td> <td>CABLE DUCT</td> <td>-</td> <td></td> <td>1</td> <td></td> </tr>																1	CHASSIS PLATE			1	아 연 도 플	2	MAGNET CONTACT	MC-130a		2	HOISTING	3	MAGNET CONTACT	DMC22b		2	CREEP HOISTING	4	MAGNET CONTACT	DMC22b		2	TRAVERSING	5	SILICON RECTIFIER	SR-60		1	HOISTING	6	SILICON RECTIFIER	SR-30		1	CREEP HOISTING	7	SILICON RECTIFIER	SR-30		1	TRAVERSING	8	E.O.C.R	SS-60		1	HOISTING	9	E.O.C.R	SS-30		1	CREEP HOISTING	10	E.O.C.R	SS-30		1	TRAVERSING	11	N.F.B	60AF/60AT		1	LS-2	12	UPPER LIMIT	AC 600V/3A		1	LS-1	13	LIMIT LEVER	SS400		1		14	FUSE (F11,F12)	2 A		2		15	FUSE (F13)	5 A		1		16	TRANSFORMER	480V/110,120V, 200VA		1		17	TERMINAL BLOCK	100A,25A				18	TERMINAL BLOCK	15A				19	EARTH TERMINAL	5t×25×50		1		20	CABLE DUCT	-		1	
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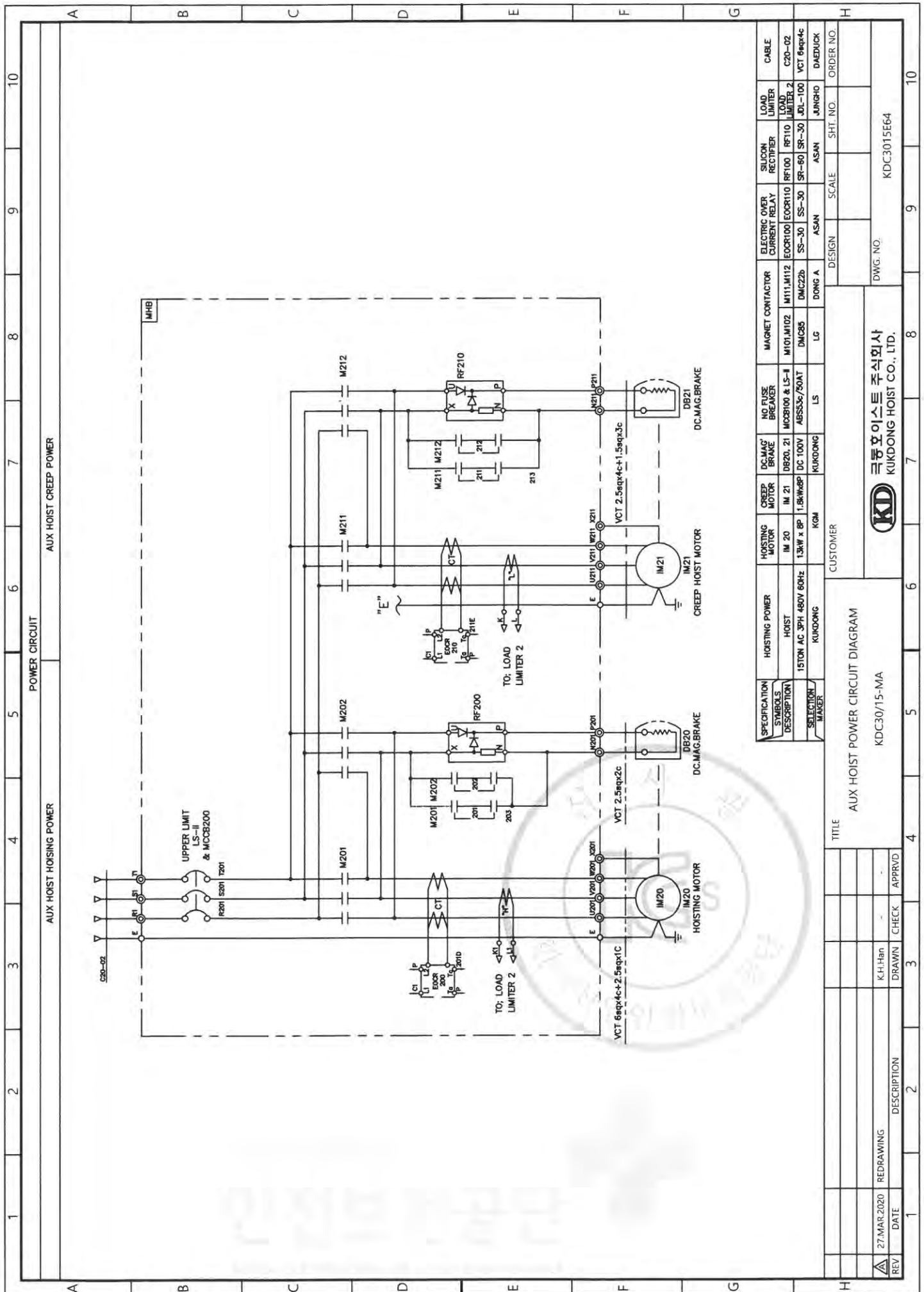


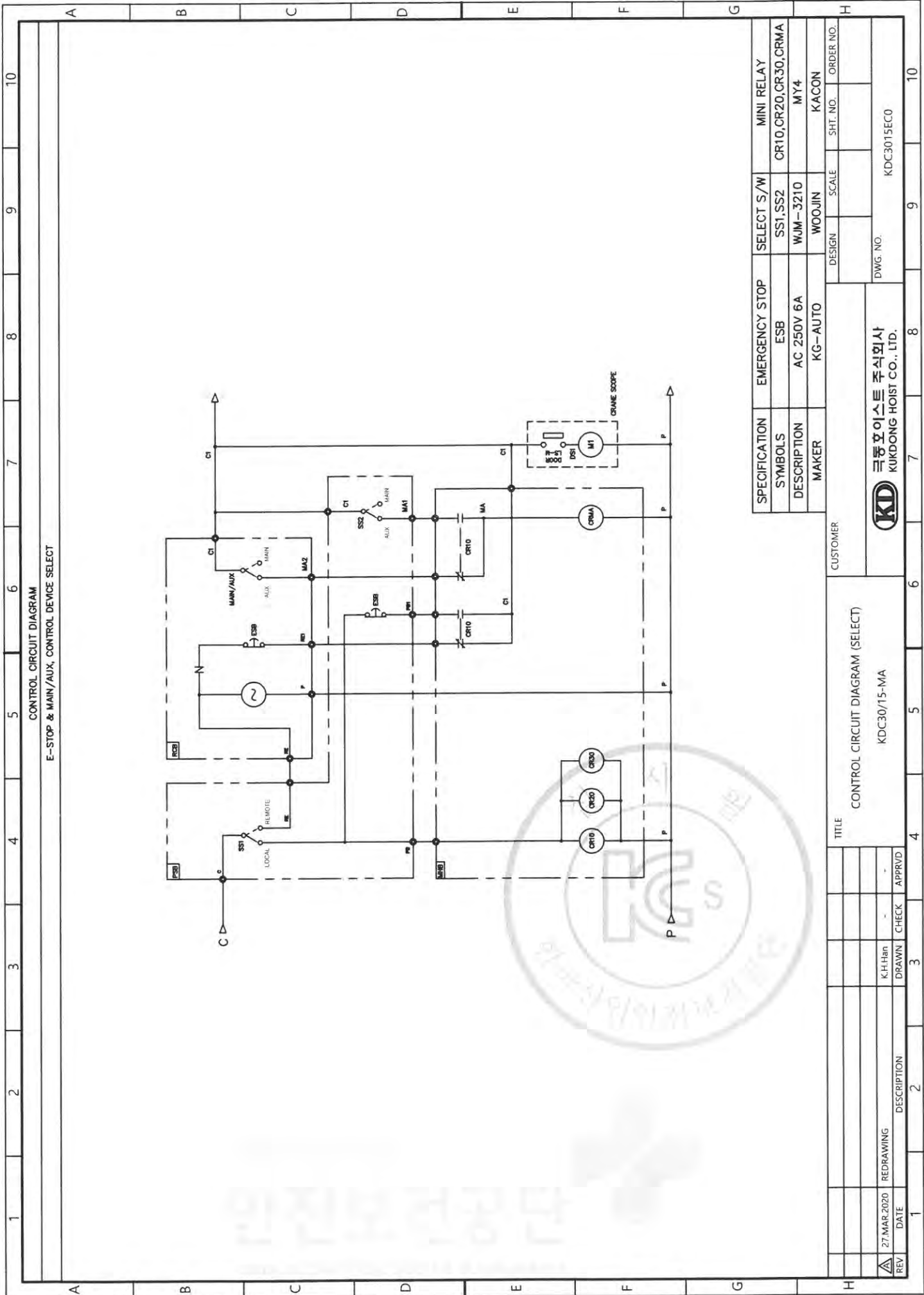


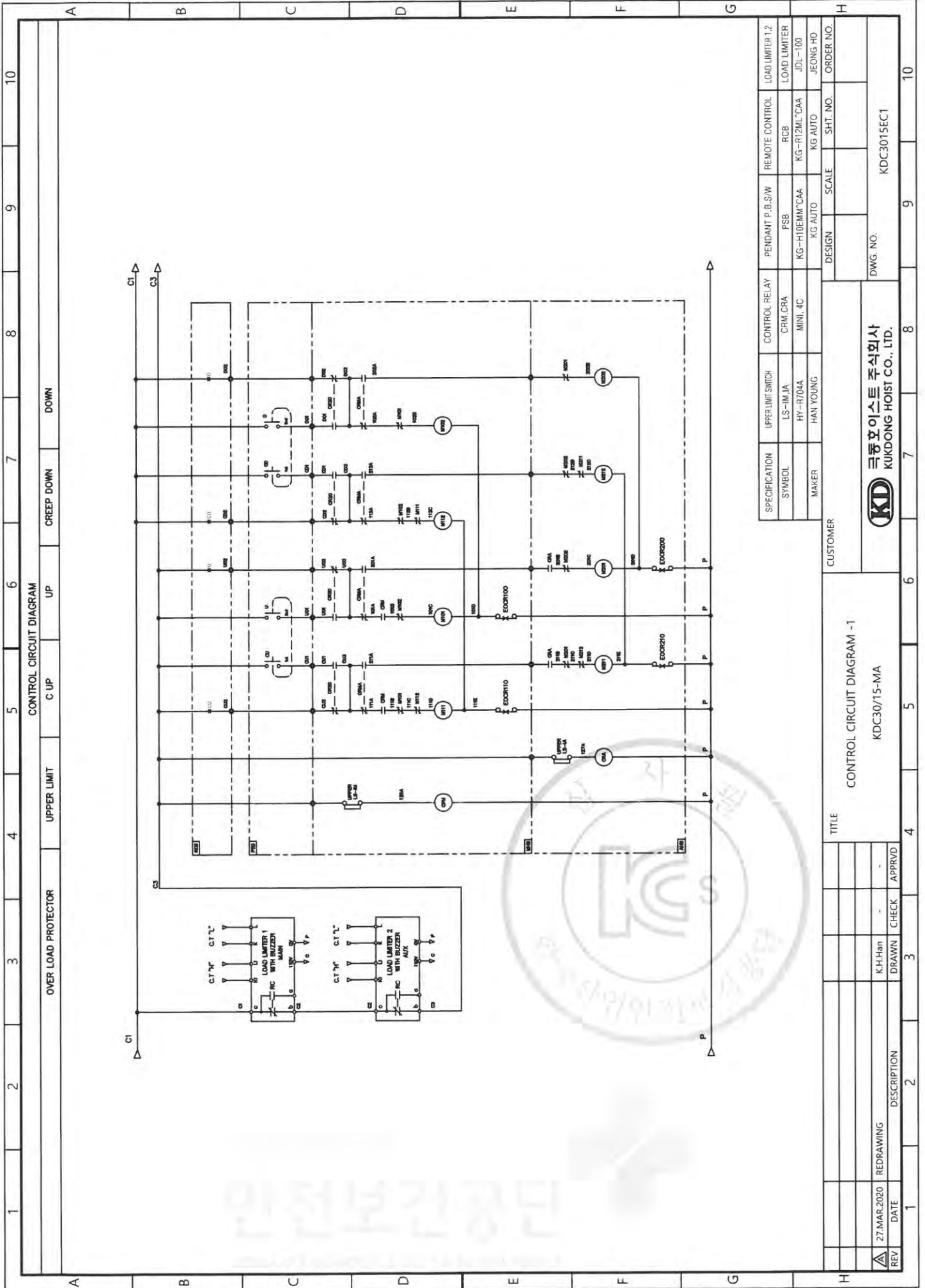


1. UPPER LIMIT LS-1의 절점 허용 전류 용량 : AC 600V, 3A
2. UPPER LIMIT LS-2의 절점 허용 전류 용량 : NFB 50AF/50AT
3. EARTH TERMINAL RESISTANCE : 0.018 Ω
4. POWER SOURCE : AC. 3 ϕ 480V 60HZ

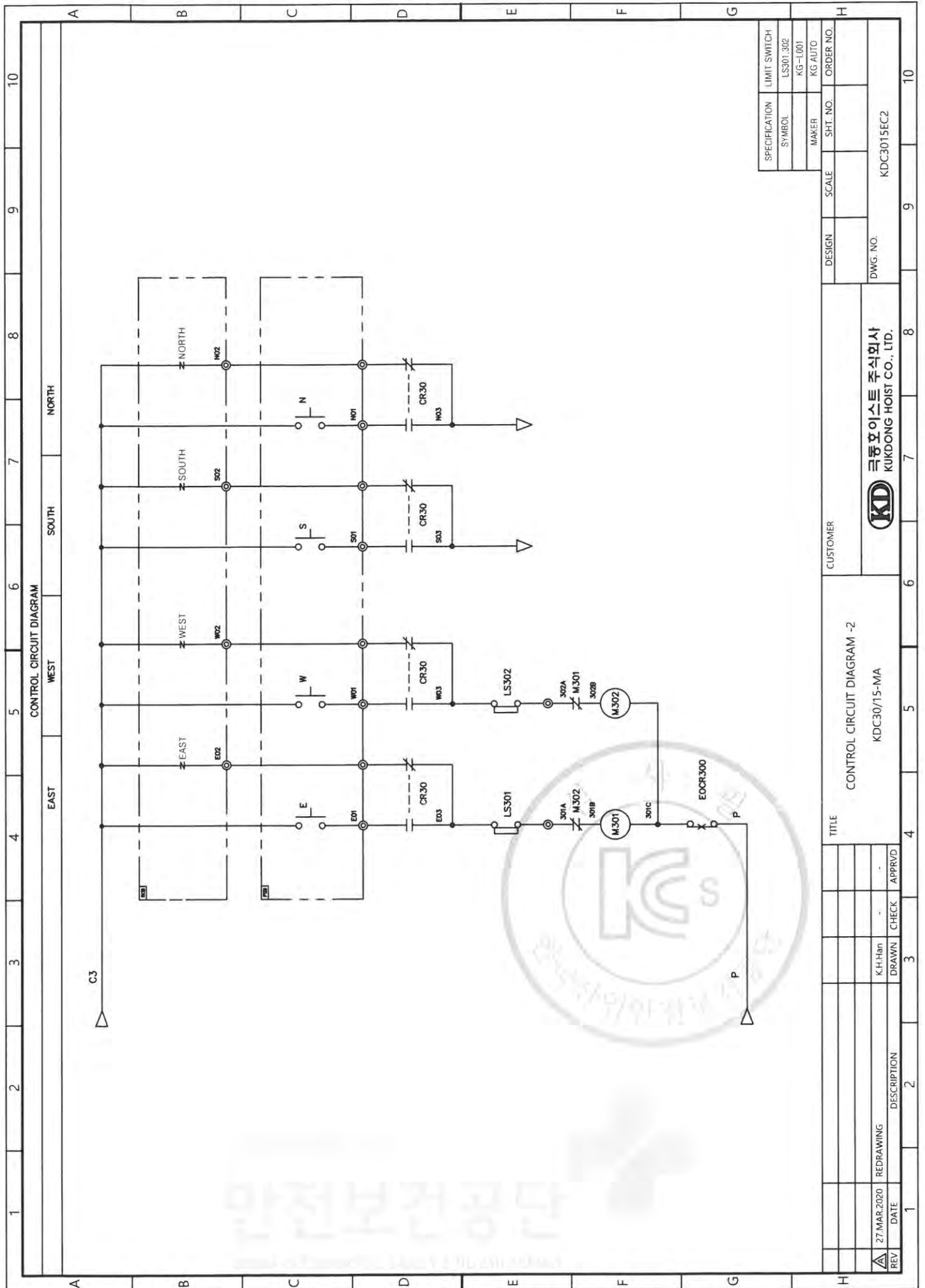
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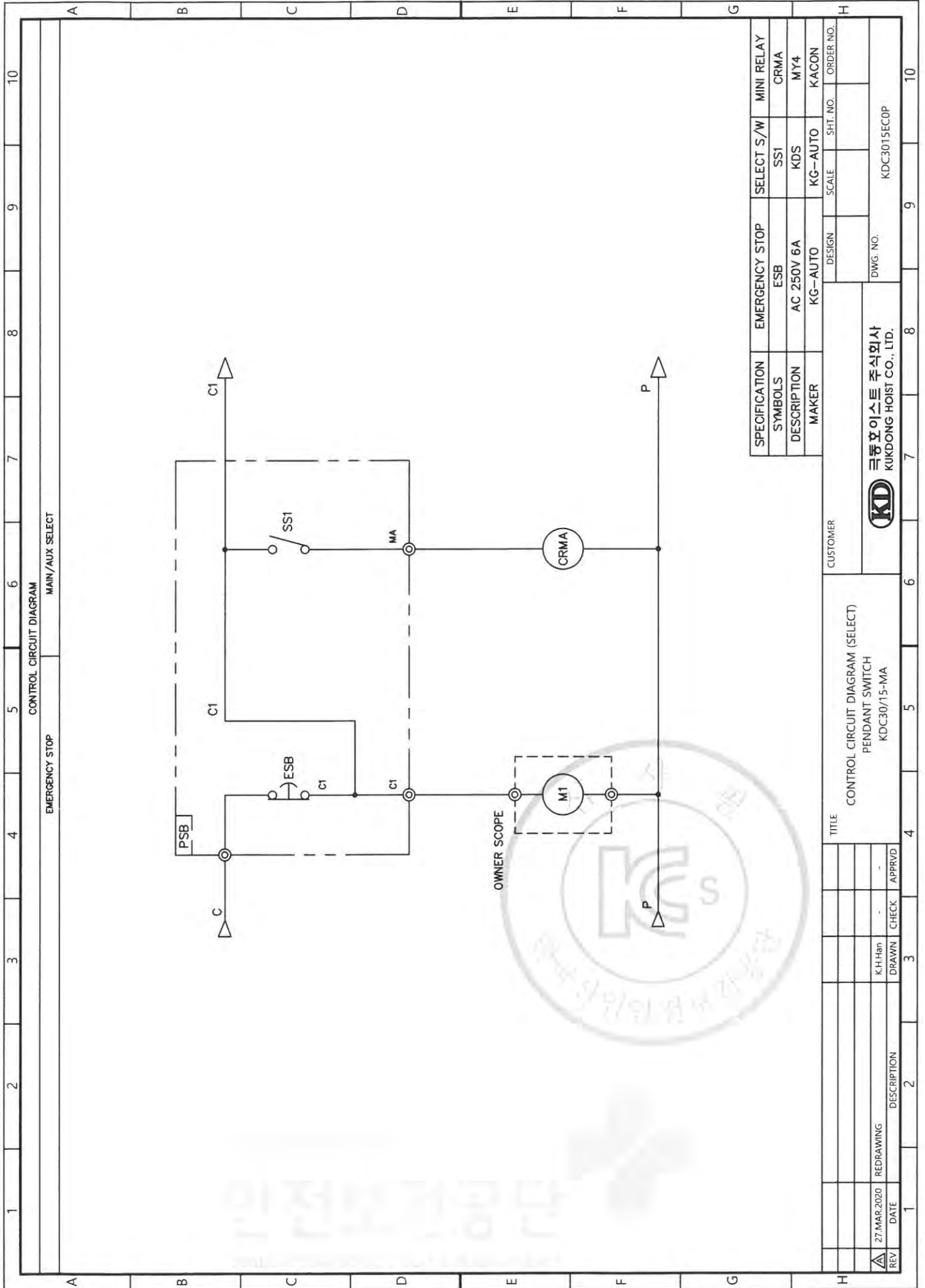


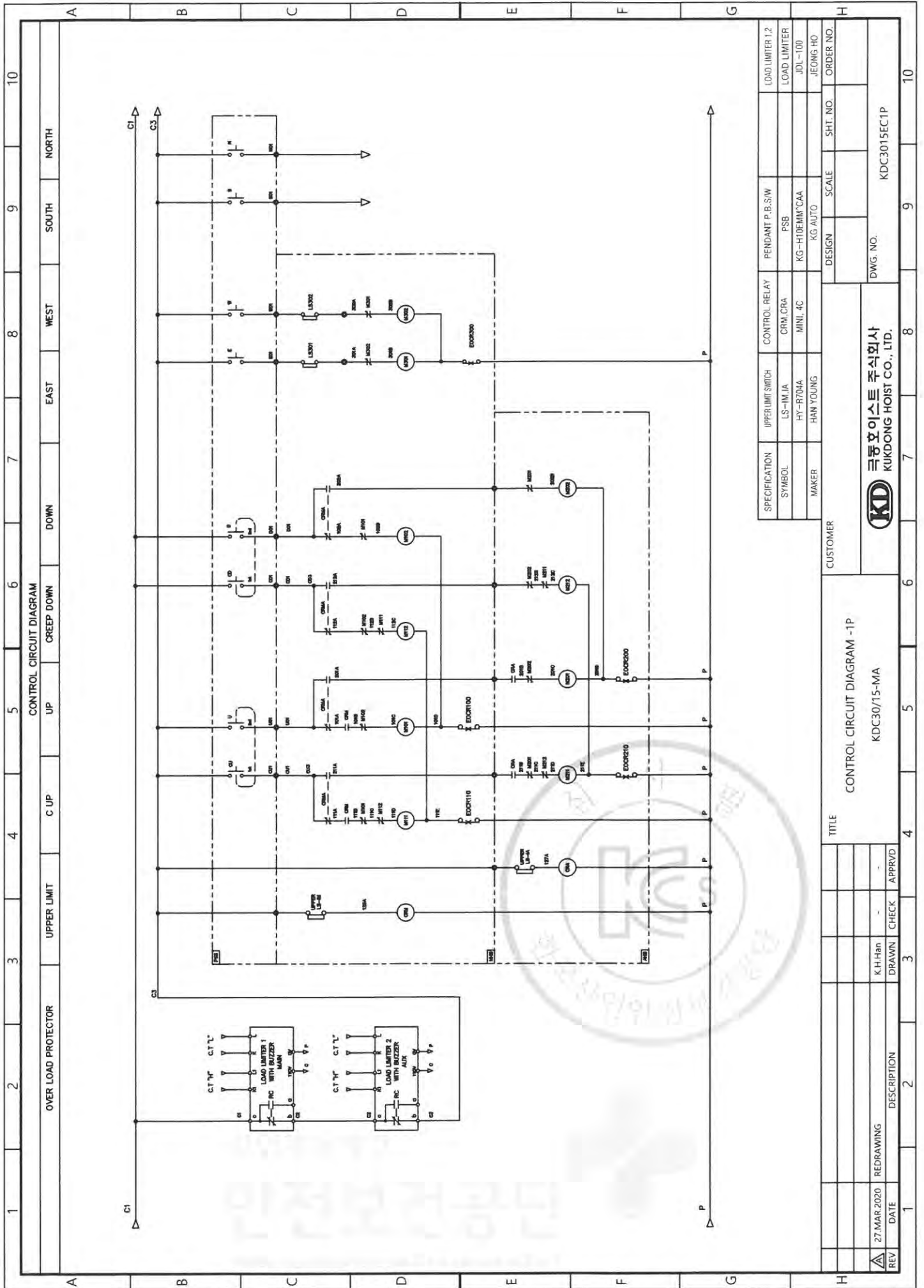


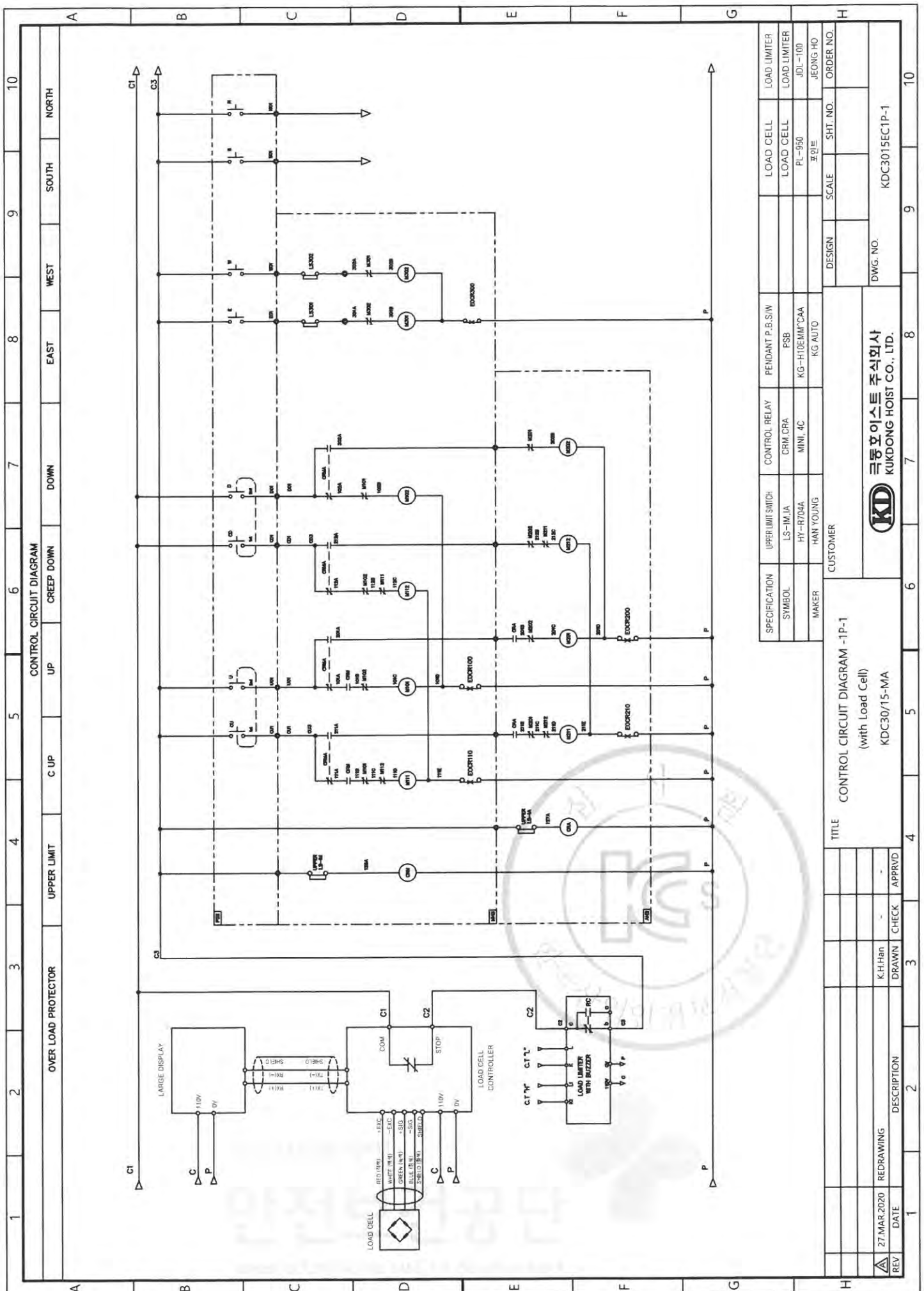


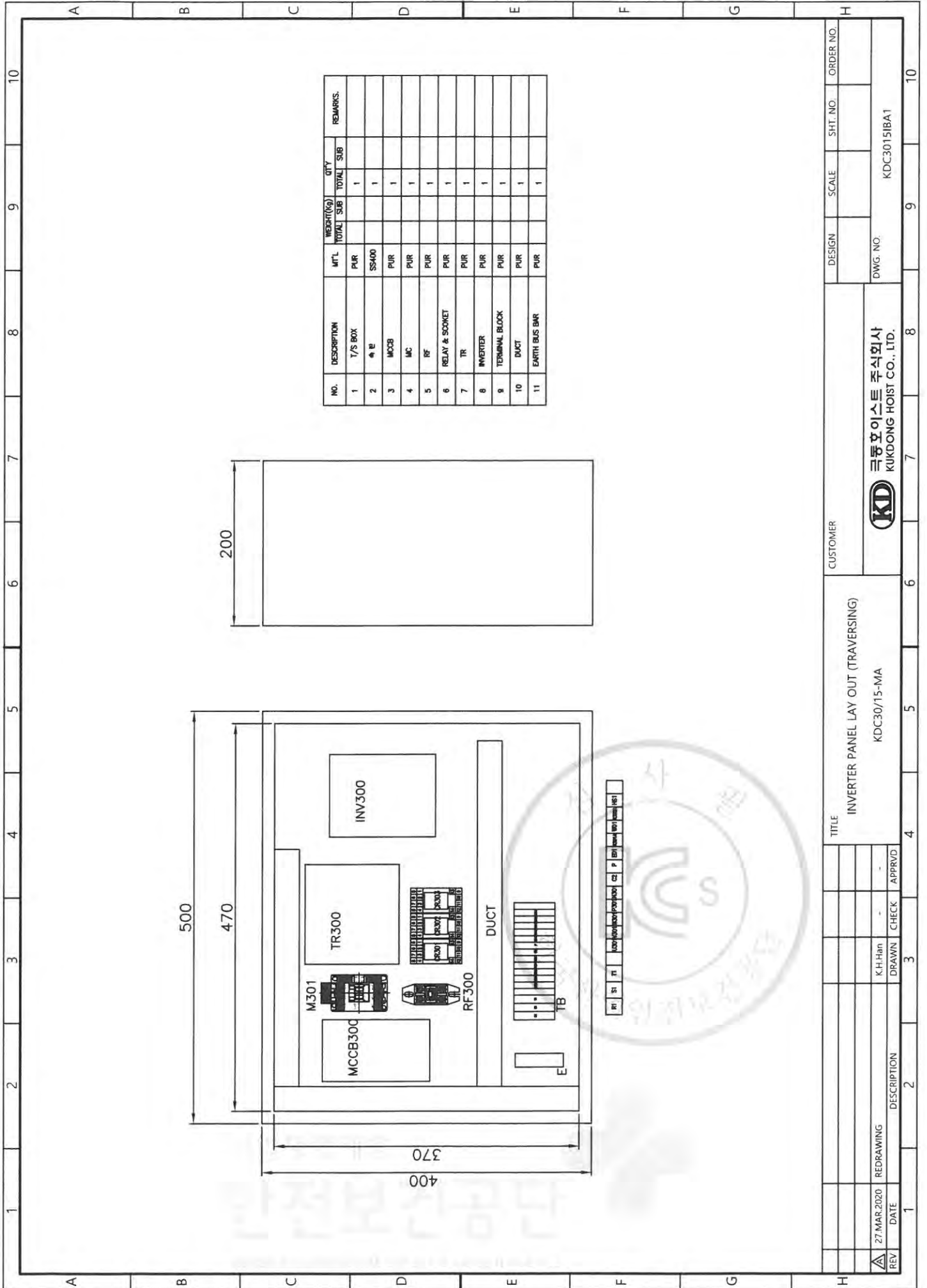


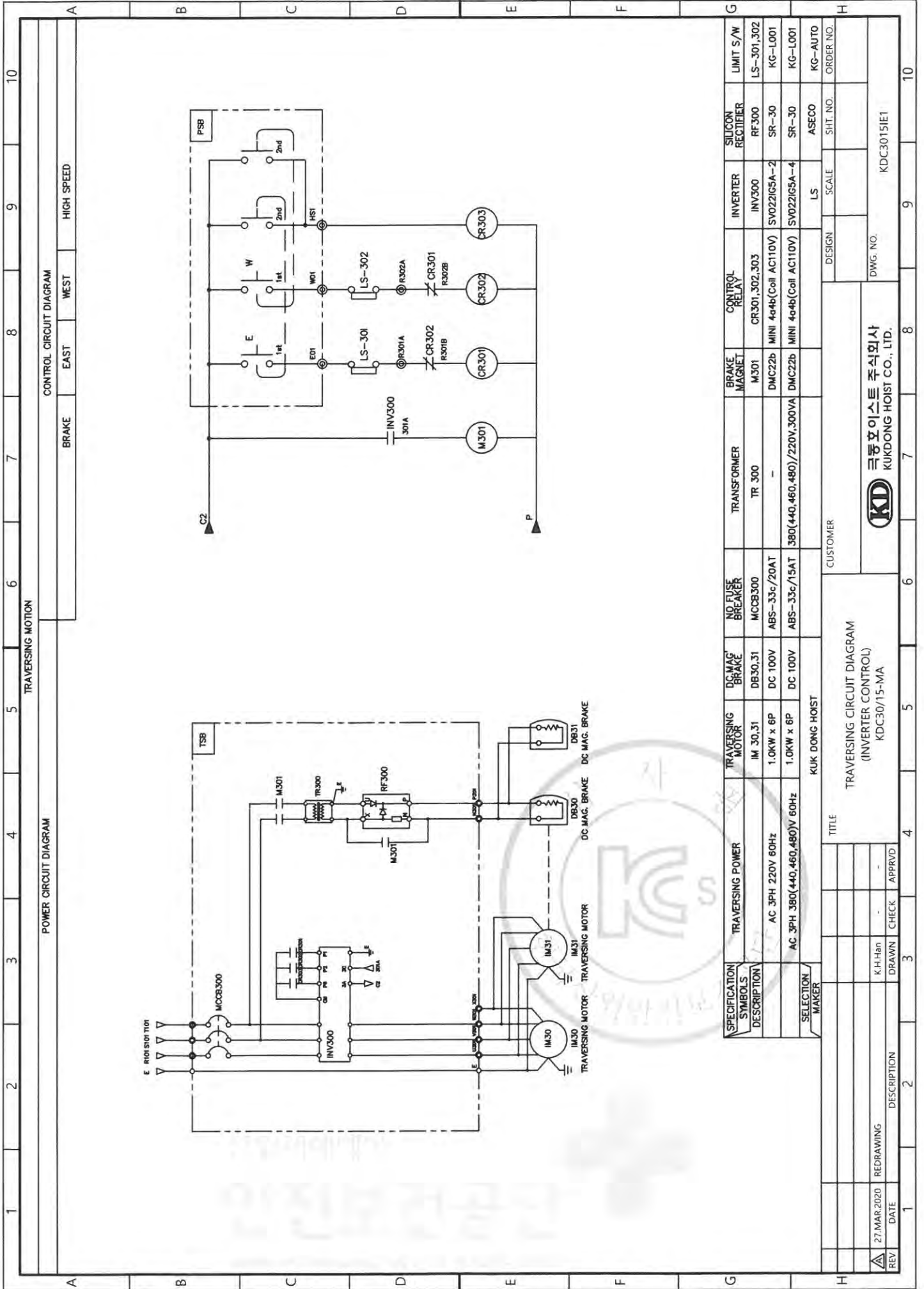


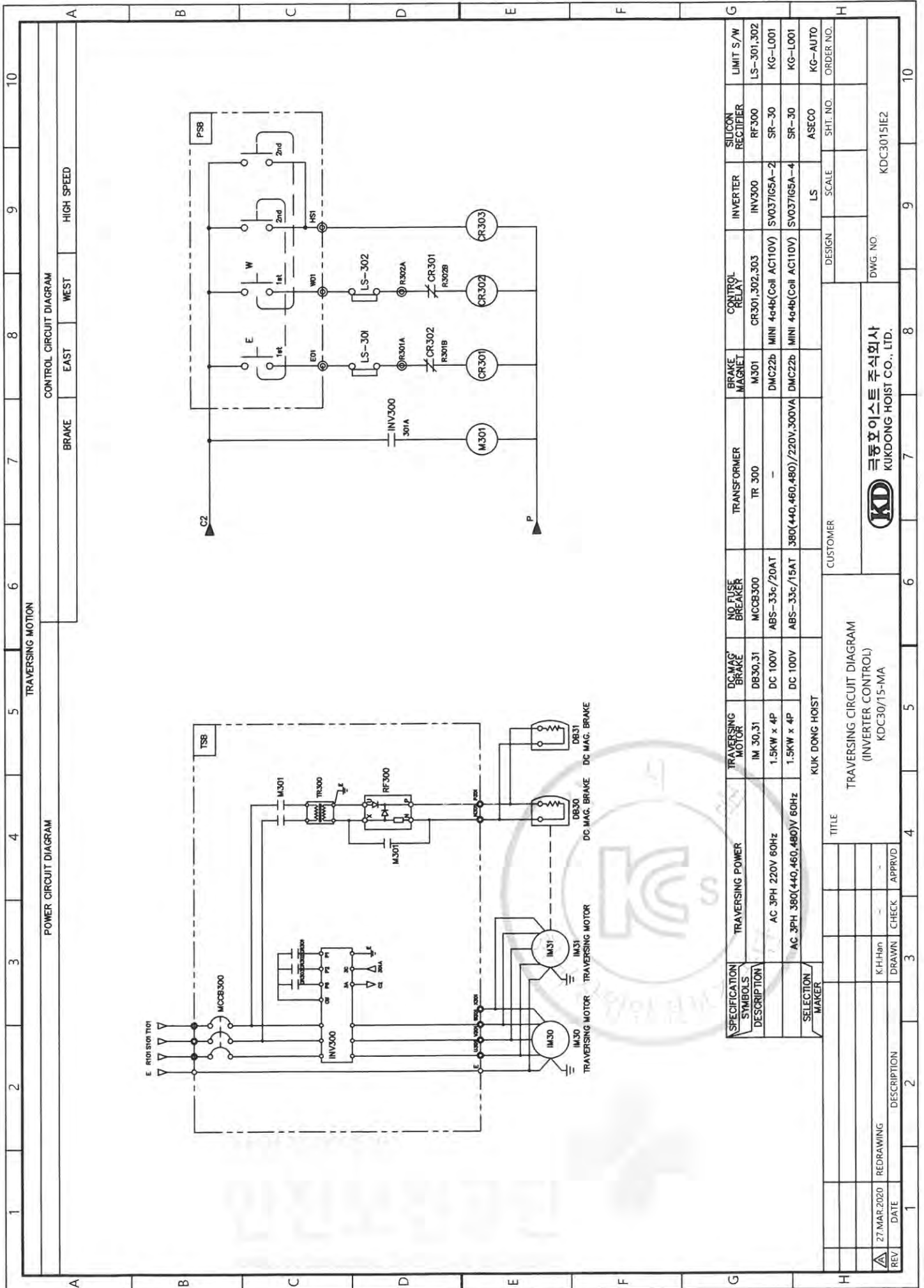














* NOTE

1. MATERIAL : ABS
2. COLOR : YELLOW
4. CABLE : VCT 1.5sq
5. IP65

* NOTE

1. MATERIAL : ABS

2. COLOR : YELLOW

4. CABLE : VCT 1.5sq

5. IP65

[illegible]

LOAD LIMITER 권고 SETTING치

* POWER SOURCE : AC 3Φ 220V 60Hz

극동하이스트(주)

HOIST	MOTOR 용량	LOAD LIMITER 권고 SETTING치			LOAD CURRENT		C.T MODEL	연결단자 NO	C.T 용량	REMARK
		LOAD CURRENT	ADJ START TIME	SHOCK TIME	100%	110%				
C15 TON	13KW x 8P	110%	1 SEC	1 SEC	59.0 A	64.9 A	CT-2	K-K1, L-L1	5 V.A	
	1.8KW x 8P	110%	1 SEC	1 SEC	11.0 A	12.1 A	CT-2	K-K1, L-L1	5 V.A	
C20 TON	17KW x 8P	110%	1 SEC	1 SEC	76.6 A	84.3 A	CT-2	K-K1, L-L1	5 V.A	
	1.8KW x 8P	110%	1 SEC	1 SEC	11.0 A	12.1 A	CT-2	K-K1, L-L1	5 V.A	
C30 TON	17KW x 8P	110%	1 SEC	1 SEC	76.6 A	84.3 A	CT-2	K-K1, L-L1	5 V.A	
	1.8KW x 8P	110%	1 SEC	1 SEC	11.0 A	12.1 A	CT-2	K-K1, L-L1	5 V.A	
C35 TON	33KW x 6P	110%	1 SEC	1 SEC	126.6 A	139.3 A	CT-2	K-K1, L-L1	5 V.A	
	3.7KW x 4P	110%	1 SEC	1 SEC	16.0 A	17.6 A	CT-2	K-K1, L-L1	5 V.A	
C40 TON	33KW x 6P	110%	1 SEC	1 SEC	126.6 A	139.3 A	CT-2	K-K1, L-L1	5 V.A	
	3.7KW x 4P	110%	1 SEC	1 SEC	16.0 A	17.6 A	CT-2	K-K1, L-L1	5 V.A	
C50 TON	33KW x 6P	110%	1 SEC	1 SEC	126.6 A	139.3 A	CT-2	K-K1, L-L1	5 V.A	
	3.7KW x 4P	110%	1 SEC	1 SEC	16.0 A	17.6 A	CT-2	K-K1, L-L1	5 V.A	
C60 TON	33KW x 6P	110%	1 SEC	1 SEC	126.6 A	139.3 A	CT-2	K-K1, L-L1	5 V.A	
	3.7KW x 4P	110%	1 SEC	1 SEC	16.0 A	17.6 A	CT-2	K-K1, L-L1	5 V.A	
C70 TON	33KW x 6P	110%	1 SEC	1 SEC	126.6 A	139.3 A	CT-2	K-K1, L-L1	5 V.A	
	3.7KW x 4P	110%	1 SEC	1 SEC	16.0 A	17.6 A	CT-2	K-K1, L-L1	5 V.A	

NOTE

1. 상기 TABLE의 수치는 권고 SETTING 수치이며 MOTOR의 특성 및 현장 조건에 따라 변경 가능함.

LOAD LIMITER 권고 SETTING치

* POWER SOURCE : AC 3Φ 380V 60Hz

극동하이스트(주)

HOIST	MOTOR 용량	LOAD LIMITER 권고 SETTING치			LOAD CURRENT		C.T MODEL	연결단자 NO	C.T 용량	REMARK
		LOAD CURRENT	ADJ START TIME	SHOCK TIME	100%	110%				
C15 TON	13KW x 8P	110%	1 SEC	1 SEC	34.2 A	37.6 A	CT-2	K-K1, L-L1	5 V.A	
	1.8KW x 8P	110%	1 SEC	1 SEC	6.4 A	7.0 A	CT-2	K-K1, L-L1	5 V.A	
C20 TON	17KW x 8P	110%	1 SEC	1 SEC	44.3 A	48.7 A	CT-2	K-K1, L-L1	5 V.A	
	1.8KW x 8P	110%	1 SEC	1 SEC	6.4 A	7.0 A	CT-2	K-K1, L-L1	5 V.A	
C30 TON	17KW x 8P	110%	1 SEC	1 SEC	44.3 A	48.7 A	CT-2	K-K1, L-L1	5 V.A	
	1.8KW x 8P	110%	1 SEC	1 SEC	6.4 A	7.0 A	CT-2	K-K1, L-L1	5 V.A	
C35 TON	33KW x 6P	110%	1 SEC	1 SEC	77.3 A	85.0 A	CT-2	K-K1, L-L1	5 V.A	
	3.7KW x 4P	110%	1 SEC	1 SEC	9.3 A	10.2 A	CT-2	K-K1, L-L1	5 V.A	
C40 TON	33KW x 6P	110%	1 SEC	1 SEC	77.3 A	85.0 A	CT-2	K-K1, L-L1	5 V.A	
	3.7KW x 4P	110%	1 SEC	1 SEC	9.3 A	10.2 A	CT-2	K-K1, L-L1	5 V.A	
C50 TON	33KW x 6P	110%	1 SEC	1 SEC	77.3 A	85.0 A	CT-2	K-K1, L-L1	5 V.A	
	3.7KW x 4P	110%	1 SEC	1 SEC	9.3 A	10.2 A	CT-2	K-K1, L-L1	5 V.A	
C60 TON	33KW x 6P	110%	1 SEC	1 SEC	77.3 A	85.0 A	CT-2	K-K1, L-L1	5 V.A	
	3.7KW x 4P	110%	1 SEC	1 SEC	9.3 A	10.2 A	CT-2	K-K1, L-L1	5 V.A	
C70 TON	33KW x 6P	110%	1 SEC	1 SEC	77.3 A	85.0 A	CT-2	K-K1, L-L1	5 V.A	
	3.7KW x 4P	110%	1 SEC	1 SEC	9.3 A	10.2 A	CT-2	K-K1, L-L1	5 V.A	

NOTE

1. 상기 TABLE의 수치는 권고 SETTING 수치이며 MOTOR의 특성 및 현장 조건에 따라 변경 가능함.

LOAD LIMITER 권고 SETTING치

* POWER SOURCE : AC 3Φ 440V 60Hz

극동하이스트(주)

HOIST	MOTOR 용량	LOAD LIMITER 권고 SETTING치			LOAD CURRENT		C.T MODEL	연결단자 NO	C.T 용량	REMARK
		LOAD CURRENT	ADJ START TIME	SHOCK TIME	100%	110%				
C15 TON	13KW x 8P	110%	1 SEC	1 SEC	29.5 A	32.5 A	CT-2	K-K1, L-L1	5 V.A	
	1.8KW x 8P	110%	1 SEC	1 SEC	5.5 A	6.1 A	CT-2	K-K1, L-L1	5 V.A	
C20 TON	17KW x 8P	110%	1 SEC	1 SEC	38.3 A	42.1 A	CT-2	K-K1, L-L1	5 V.A	
	1.8KW x 8P	110%	1 SEC	1 SEC	5.5 A	6.1 A	CT-2	K-K1, L-L1	5 V.A	
C30 TON	17KW x 8P	110%	1 SEC	1 SEC	38.3 A	42.1 A	CT-2	K-K1, L-L1	5 V.A	
	1.8KW x 8P	110%	1 SEC	1 SEC	5.5 A	6.1 A	CT-2	K-K1, L-L1	5 V.A	
C35 TON	33KW x 6P	110%	1 SEC	1 SEC	63.3 A	69.6 A	CT-2	K-K1, L-L1	5 V.A	
	3.7KW x 4P	110%	1 SEC	1 SEC	8.0 A	8.8 A	CT-2	K-K1, L-L1	5 V.A	
C40 TON	33KW x 6P	110%	1 SEC	1 SEC	63.3 A	69.6 A	CT-2	K-K1, L-L1	5 V.A	
	3.7KW x 4P	110%	1 SEC	1 SEC	8.0 A	8.8 A	CT-2	K-K1, L-L1	5 V.A	
C50 TON	33KW x 6P	110%	1 SEC	1 SEC	63.3 A	69.6 A	CT-2	K-K1, L-L1	5 V.A	
	3.7KW x 4P	110%	1 SEC	1 SEC	8.0 A	8.8 A	CT-2	K-K1, L-L1	5 V.A	
C60 TON	33KW x 6P	110%	1 SEC	1 SEC	63.3 A	69.6 A	CT-2	K-K1, L-L1	5 V.A	
	3.7KW x 4P	110%	1 SEC	1 SEC	8.0 A	8.8 A	CT-2	K-K1, L-L1	5 V.A	
C70 TON	33KW x 6P	110%	1 SEC	1 SEC	63.3 A	69.6 A	CT-2	K-K1, L-L1	5 V.A	
	3.7KW x 4P	110%	1 SEC	1 SEC	8.0 A	8.8 A	CT-2	K-K1, L-L1	5 V.A	

NOTE

1. 상기 TABLE의 수치는 권고 SETTING 수치이며 MOTOR의 특성 및 현장 조건에 따라 변경 가능함.

LOAD LIMITER 권고 SETTING치

* POWER SOURCE : AC 3Φ 460V 60Hz

국동호이스트(주)

HOIST	MOTOR 용량	LOAD LIMITER 권고 SETTING치			LOAD CURRENT		C.T MODEL	연결단자 NO	C.T 용량	REMARK
		LOAD CURRENT	ADJ START TIME	SHOCK TIME	100%	110%				
C15 TON	13KW x 8P	110%	1 SEC	1 SEC	28.4 A	31.2 A	CT-2	K-K1, L-L1	5 V.A	
	1.8KW x 8P	110%	1 SEC	1 SEC	5.3 A	5.8 A	CT-2	K-K1, L-L1	5 V.A	
C20 TON	17KW x 8P	110%	1 SEC	1 SEC	36.7 A	40.4 A	CT-2	K-K1, L-L1	5 V.A	
	1.8KW x 8P	110%	1 SEC	1 SEC	5.3 A	5.8 A	CT-2	K-K1, L-L1	5 V.A	
C30 TON	17KW x 8P	110%	1 SEC	1 SEC	36.7 A	40.4 A	CT-2	K-K1, L-L1	5 V.A	
	1.8KW x 8P	110%	1 SEC	1 SEC	5.3 A	5.8 A	CT-2	K-K1, L-L1	5 V.A	
C35 TON	33KW x 6P	110%	1 SEC	1 SEC	60.5 A	66.6 A	CT-2	K-K1, L-L1	5 V.A	
	3.7KW x 4P	110%	1 SEC	1 SEC	7.7 A	8.5 A	CT-2	K-K1, L-L1	5 V.A	
C40 TON	33KW x 6P	110%	1 SEC	1 SEC	60.5 A	66.6 A	CT-2	K-K1, L-L1	5 V.A	
	3.7KW x 4P	110%	1 SEC	1 SEC	7.7 A	8.5 A	CT-2	K-K1, L-L1	5 V.A	
C50 TON	33KW x 6P	110%	1 SEC	1 SEC	60.5 A	66.6 A	CT-2	K-K1, L-L1	5 V.A	
	3.7KW x 4P	110%	1 SEC	1 SEC	7.7 A	8.5 A	CT-2	K-K1, L-L1	5 V.A	
C60 TON	33KW x 6P	110%	1 SEC	1 SEC	60.5 A	66.6 A	CT-2	K-K1, L-L1	5 V.A	
	3.7KW x 4P	110%	1 SEC	1 SEC	7.7 A	8.5 A	CT-2	K-K1, L-L1	5 V.A	
C70 TON	33KW x 6P	110%	1 SEC	1 SEC	60.5 A	66.6 A	CT-2	K-K1, L-L1	5 V.A	
	3.7KW x 4P	110%	1 SEC	1 SEC	7.7 A	8.5 A	CT-2	K-K1, L-L1	5 V.A	

NOTE

1. 상기 TABLE의 수치는 권고 SETTING 수치이며 MOTOR의 특성 및 현장 조건에 따라 변경 가능함.

LOAD LIMITER 권고 SETTING치

* POWER SOURCE : AC 3Φ 480V 60Hz

극동하이스트(주)

HOIST	MOTOR 용량	LOAD LIMITER 권고 SETTING치			LOAD CURRENT		C.T MODEL	연결단자 NO	C.T 용량	REMARK
		LOAD CURRENT	ADJ START TIME	SHOCK TIME	100%	110%				
C15 TON	13KW x 8P	110%	1 SEC	1 SEC	27.2 A	29.9 A	CT-2	K-K1, L-L1	5 V.A	
	1.8KW x 8P	110%	1 SEC	1 SEC	5.1 A	5.6 A	CT-2	K-K1, L-L1	5 V.A	
C20 TON	17KW x 8P	110%	1 SEC	1 SEC	35.2 A	38.7 A	CT-2	K-K1, L-L1	5 V.A	
	1.8KW x 8P	110%	1 SEC	1 SEC	5.1 A	5.6 A	CT-2	K-K1, L-L1	5 V.A	
C30 TON	17KW x 8P	110%	1 SEC	1 SEC	35.2 A	38.7 A	CT-2	K-K1, L-L1	5 V.A	
	1.8KW x 8P	110%	1 SEC	1 SEC	5.1 A	5.6 A	CT-2	K-K1, L-L1	5 V.A	
C35 TON	33KW x 6P	110%	1 SEC	1 SEC	58.0 A	63.8 A	CT-2	K-K1, L-L1	5 V.A	
	3.7KW x 4P	110%	1 SEC	1 SEC	7.3 A	8.0 A	CT-2	K-K1, L-L1	5 V.A	
C40 TON	33KW x 6P	110%	1 SEC	1 SEC	58.0 A	63.8 A	CT-2	K-K1, L-L1	5 V.A	
	3.7KW x 4P	110%	1 SEC	1 SEC	7.3 A	8.0 A	CT-2	K-K1, L-L1	5 V.A	
C50 TON	33KW x 6P	110%	1 SEC	1 SEC	58.0 A	63.8 A	CT-2	K-K1, L-L1	5 V.A	
	3.7KW x 4P	110%	1 SEC	1 SEC	7.3 A	8.0 A	CT-2	K-K1, L-L1	5 V.A	
C60 TON	33KW x 6P	110%	1 SEC	1 SEC	58.0 A	63.8 A	CT-2	K-K1, L-L1	5 V.A	
	3.7KW x 4P	110%	1 SEC	1 SEC	7.3 A	8.0 A	CT-2	K-K1, L-L1	5 V.A	
C70 TON	33KW x 6P	110%	1 SEC	1 SEC	58.0 A	63.8 A	CT-2	K-K1, L-L1	5 V.A	
	3.7KW x 4P	110%	1 SEC	1 SEC	7.3 A	8.0 A	CT-2	K-K1, L-L1	5 V.A	

NOTE

1. 상기 TABLE의 수치는 권고 SETTING 수치이며 MOTOR의 특성 및 현장 조건에 따라 변경 가능함.

E.O.C.R 권고 SETTING치

* POWER SOURCE : AC 3Φ 220V 60Hz

극동호이스트(주)

HOIST	MOTOR 용량	MOTOR 정격 전류	DRIVE TYPE	E.O.C.R TYPE	권고 SETTING 치			REMARK
					DELAY TIME	OPERATION TIME	CURRENT	
C15 TON	13KW x 8P	59.0 A	1 DRAVE	SS-100	3 SEC	1 SEC	64.9 A	
	1.8KW x 8P	11.0 A	1 DRAVE	SS-30	3 SEC	1 SEC	12.1 A	
C20 TON	17KW x 8P	76.6 A	1 DRAVE	SS-100	3 SEC	1 SEC	84.3 A	
	1.8KW x 8P	11.0 A	1 DRAVE	SS-30	3 SEC	1 SEC	12.1 A	
C30 TON	17KW x 8P	76.6 A	1 DRAVE	SS-100	3 SEC	1 SEC	84.3 A	
	1.8KW x 8P	11.0 A	1 DRAVE	SS-30	3 SEC	1 SEC	12.1 A	
C35 TON	33KW x 6P	126.6 A	1 DRAVE	SS-150	3 SEC	1 SEC	139.3 A	
	3.7KW x 4P	16.0 A	1 DRAVE	SS-30	3 SEC	1 SEC	17.6 A	
C40 TON	33KW x 6P	126.6 A	1 DRAVE	SS-150	3 SEC	1 SEC	139.3 A	
	3.7KW x 4P	16.0 A	1 DRAVE	SS-30	3 SEC	1 SEC	17.6 A	
C50TON	33KW x 6P	126.6 A	1 DRAVE	SS-150	3 SEC	1 SEC	139.3 A	
	3.7KW x 4P	16.0 A	1 DRAVE	SS-30	3 SEC	1 SEC	17.6 A	
C60 TON	33KW x 6P	126.6 A	1 DRAVE	SS-150	3 SEC	1 SEC	139.3 A	
	3.7KW x 4P	16.0 A	1 DRAVE	SS-30	3 SEC	1 SEC	17.6 A	
C70 TON	33KW x 6P	126.6 A	1 DRAVE	SS-150	3 SEC	1 SEC	139.3 A	
	3.7KW x 4P	16.0 A	1 DRAVE	SS-30	3 SEC	1 SEC	17.6 A	

NOTE

1. 상기 TABLE의 수치는 권고 SETTING 수치이며 MOTOR의 특성 및 현장 조건에 따라 변경 가능함.

E.O.C.R 권고 SETTING치

* POWER SOURCE : AC 3Φ 380V 60Hz

극동호이스트(주)

HOIST	MOTOR 용량	1 정격 전류	DRIVE TYPE	E.O.C.R TYPE	권고 SETTING 치			REMARK
					DELAY TIME	OPERATION TIME	CURRENT	
C15 TON	13KW x 8P	34.2 A	1 DRAVE	SS-60	3 SEC	1 SEC	37.6 A	
	1.8KW x 8P	6.4 A	1 DRAVE	SS-30	3 SEC	1 SEC	7.0 A	
C20 TON	17KW x 8P	44.3 A	1 DRAVE	SS-60	3 SEC	1 SEC	48.7 A	
	1.8KW x 8P	6.4 A	1 DRAVE	SS-30	3 SEC	1 SEC	7.0 A	
C30 TON	17KW x 8P	44.3 A	1 DRAVE	SS-60	3 SEC	1 SEC	48.7 A	
	1.8KW x 8P	6.4 A	1 DRAVE	SS-30	3 SEC	1 SEC	7.0 A	
C35 TON	33KW x 6P	77.3 A	1 DRAVE	SS-100	3 SEC	1 SEC	85.0 A	
	3.7KW x 4P	9.3 A	1 DRAVE	SS-30	3 SEC	1 SEC	10.2 A	
C40 TON	33KW x 6P	77.3 A	1 DRAVE	SS-100	3 SEC	1 SEC	85.0 A	
	3.7KW x 4P	9.3 A	1 DRAVE	SS-30	3 SEC	1 SEC	10.2 A	
C50 TON	33KW x 6P	77.3 A	1 DRAVE	SS-100	3 SEC	1 SEC	85.0 A	
	3.7KW x 4P	9.3 A	1 DRAVE	SS-30	3 SEC	1 SEC	10.2 A	
C60 TON	33KW x 6P	77.3 A	1 DRAVE	SS-100	3 SEC	1 SEC	85.0 A	
	3.7KW x 4P	9.3 A	1 DRAVE	SS-30	3 SEC	1 SEC	10.2 A	
C70 TON	33KW x 6P	77.3 A	1 DRAVE	SS-100	3 SEC	1 SEC	85.0 A	
	3.7KW x 4P	9.3 A	1 DRAVE	SS-30	3 SEC	1 SEC	10.2 A	

NOTE

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E.O.C.R 권고 SETTING치

* POWER SOURCE : AC 3Φ 440V 60HZ

극동호이스트(주)

HOIST	MOTOR 용량	MOTOR 정격 전류	DRIVE TYPE	E.O.C.R TYPE	권고 SETTING 치			REMARK
					DELAY TIME	OPERATION TIME	CURRENT	
C15 TON	13KW x 8P	29.5 A	1 DRAVE	SS-60	3 SEC	1 SEC	32.5 A	
	1.8KW x 8P	5.5 A	1 DRAVE	SS-30	3 SEC	1 SEC	6.1 A	
C20 TON	17KW x 8P	38.3 A	1 DRAVE	SS-60	3 SEC	1 SEC	42.1 A	
	1.8KW x 8P	5.5 A	1 DRAVE	SS-30	3 SEC	1 SEC	6.1 A	
C30 TON	17KW x 8P	38.3 A	1 DRAVE	SS-60	3 SEC	1 SEC	42.1 A	
	1.8KW x 8P	5.5 A	1 DRAVE	SS-30	3 SEC	1 SEC	6.1 A	
C35 TON	33KW x 6P	63.3 A	1 DRAVE	SS-100	3 SEC	1 SEC	69.6 A	
	3.7KW x 4P	8.0 A	1 DRAVE	SS-30	3 SEC	1 SEC	8.8 A	
C40 TON	33KW x 6P	63.3 A	1 DRAVE	SS-100	3 SEC	1 SEC	69.6 A	
	3.7KW x 4P	8.0 A	1 DRAVE	SS-30	3 SEC	1 SEC	8.8 A	
C50 TON	33KW x 6P	63.3 A	1 DRAVE	SS-100	3 SEC	1 SEC	69.6 A	
	3.7KW x 4P	8.0 A	1 DRAVE	SS-30	3 SEC	1 SEC	8.8 A	
C60 TON	33KW x 6P	63.3 A	1 DRAVE	SS-100	3 SEC	1 SEC	69.6 A	
	3.7KW x 4P	8.0 A	1 DRAVE	SS-30	3 SEC	1 SEC	8.8 A	
C70 TON	33KW x 6P	63.3 A	1 DRAVE	SS-100	3 SEC	1 SEC	69.6 A	
	3.7KW x 4P	8.0 A	1 DRAVE	SS-30	3 SEC	1 SEC	8.8 A	

NOTE

1. 상기 TABLE의 수치는 권고 SETTING 수치이며 MOTOR의 특성 및 현장 조건에 따라 변경 가능함.

E.O.C.R 권고 SETTING치

* POWER SOURCE : AC 3Φ 460V 60HZ

극동호이스트(주)

HOIST	MOTOR 용량	MOTOR 정격 전류	DRIVE TYPE	E.O.C.R TYPE	권고 SETTING 치			REMARK
					DELAY TIME	OPERATION TIME	CURRENT	
C15 TON	13KW x 8P	28.4 A	1 DRAVE	SS-60	3 SEC	1 SEC	31.2 A	
	1.8KW x 8P	5.3 A	1 DRAVE	SS-30	3 SEC	1 SEC	5.8 A	
C20 TON	17KW x 8P	36.7 A	1 DRAVE	SS-60	3 SEC	1 SEC	40.4 A	
	1.8KW x 8P	5.3 A	1 DRAVE	SS-30	3 SEC	1 SEC	5.8 A	
C30 TON	17KW x 8P	36.7 A	1 DRAVE	SS-60	3 SEC	1 SEC	40.4 A	
	1.8KW x 8P	5.3 A	1 DRAVE	SS-30	3 SEC	1 SEC	5.8 A	
C35 TON	33KW x 6P	60.5 A	1 DRAVE	SS-100	3 SEC	1 SEC	66.6 A	
	3.7KW x 4P	7.7 A	1 DRAVE	SS-30	3 SEC	1 SEC	8.5 A	
C40 TON	33KW x 6P	60.5 A	1 DRAVE	SS-100	3 SEC	1 SEC	66.6 A	
	3.7KW x 4P	7.7 A	1 DRAVE	SS-30	3 SEC	1 SEC	8.5 A	
C50 TON	33KW x 6P	60.5 A	1 DRAVE	SS-100	3 SEC	1 SEC	66.6 A	
	3.7KW x 4P	7.7 A	1 DRAVE	SS-30	3 SEC	1 SEC	8.5 A	
C60 TON	33KW x 6P	60.5 A	1 DRAVE	SS-100	3 SEC	1 SEC	66.6 A	
	3.7KW x 4P	7.7 A	1 DRAVE	SS-30	3 SEC	1 SEC	8.5 A	
C70 TON	33KW x 6P	60.5 A	1 DRAVE	SS-100	3 SEC	1 SEC	66.6 A	
	3.7KW x 4P	7.7 A	1 DRAVE	SS-30	3 SEC	1 SEC	8.5 A	

NOTE

1. 상기 TABLE의 수치는 권고 SETTING 수치이며 MOTOR의 특성 및 현장 조건에 따라 변경 가능함.

E.O.C.R 권고 SETTING치

* POWER SOURCE : AC 3Φ 480V 60Hz

극동하이스트(주)

HOIST	MOTOR 용량	MOTOR 정격 전류	DRIVE TYPE	E.O.C.R TYPE	권고 SETTING 치			REMARK
					DELAY TIME	OPERATION TIME	CURRENT	
C15 TON	13KW x 8P	27.2 A	1 DRAVE	SS-30	3 SEC	1 SEC	29.9 A	
	1.8KW x 8P	5.1 A	1 DRAVE	SS-30	3 SEC	1 SEC	5.6 A	
C20 TON	17KW x 8P	35.2 A	1 DRAVE	SS-60	3 SEC	1 SEC	38.7 A	
	1.8KW x 8P	5.1 A	1 DRAVE	SS-30	3 SEC	1 SEC	5.6 A	
C30 TON	17KW x 8P	35.2 A	1 DRAVE	SS-60	3 SEC	1 SEC	38.7 A	
	1.8KW x 8P	5.1 A	1 DRAVE	SS-30	3 SEC	1 SEC	5.6 A	
C35 TON	33KW x 6P	58.0 A	1 DRAVE	SS-100	3 SEC	1 SEC	63.8 A	
	3.7KW x 4P	7.3 A	1 DRAVE	SS-30	3 SEC	1 SEC	8.0 A	
C40 TON	33KW x 6P	58.0 A	1 DRAVE	SS-100	3 SEC	1 SEC	63.8 A	
	3.7KW x 4P	7.3 A	1 DRAVE	SS-30	3 SEC	1 SEC	8.0 A	
C650 TON	33KW x 6P	58.0 A	1 DRAVE	SS-100	3 SEC	1 SEC	63.8 A	
	3.7KW x 4P	7.3 A	1 DRAVE	SS-30	3 SEC	1 SEC	8.0 A	
C60 TON	33KW x 6P	58.0 A	1 DRAVE	SS-100	3 SEC	1 SEC	63.8 A	
	3.7KW x 4P	7.3 A	1 DRAVE	SS-30	3 SEC	1 SEC	8.0 A	
C70 TON	33KW x 6P	58.0 A	1 DRAVE	SS-100	3 SEC	1 SEC	63.8 A	
	3.7KW x 4P	7.3 A	1 DRAVE	SS-30	3 SEC	1 SEC	8.0 A	

NOTE

1. 상기 TABLE의 수치는 권고 SETTING 수치이며 MOTOR의 특성 및 현장 조건에 따라 변경 가능함.

E.O.C.R 권고 SETTING 치

* POWER SOURCE : AC3Φ 220V 60Hz

극동호이스트(주)

MOTOR 용량	MOTOR 정격 전류	DRIVE TYPE	E.O.C.R TYPE	권고 SETTING 치			REMARK
				DELAY TIME	OPERATION TIME	CURRENT	
0.2KW x 6P	2.1 A	1 DRIVE	SS - 05	3 SEC	1 SEC	2.3 A	
		2DRIVE	SS - 05	3 SEC	1 SEC	4.6 A	
0.4KW x 4P	2.7 A	1 DRIVE	SS - 05	3 SEC	1 SEC	3.0 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	5.9 A	
0.5KW x 6P	3.5 A	1 DRIVE	SS - 05	3 SEC	1 SEC	3.9 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	7.7 A	
0.75KW x 4P	4.1 A	1 DRIVE	SS - 05	3 SEC	1 SEC	4.5 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	9.0 A	
1.0KW x 6P	6.7 A	1 DRIVE	SS - 30	3 SEC	1 SEC	7.4 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	14.7 A	
1.5KW x 4P	7.3 A	1 DRIVE	SS - 30	3 SEC	1 SEC	8.0 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	16.1 A	
1.5KW x 6P	7.6 A	1 DRIVE	SS - 30	3 SEC	1 SEC	8.4 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	16.7 A	
2.2KW x 4P	10.0 A	1 DRIVE	SS - 30	3 SEC	1 SEC	11.0 A	
		2 DRIVE	SS - 30	3 SEC	1 SEC	22.0 A	
0.8/0.4KW x 4/8P	4.8/4.25 A	1 DRIVE	SS - 30	3 SEC	1 SEC	5.3 A	
		2 DRIVE	SS - 05	3 SEC	1 SEC	4.7 A	
			SS - 30	3 SEC	1 SEC	10.6 A	
			SS - 30	3 SEC	1 SEC	9.4 A	
2.2KW x 6P	12.0 A	1 DRIVE	SS - 30	3 SEC	1 SEC	13.2 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	26.4 A	
3.7KW x 4P	16.0 A	1 DRIVE	SS - 30	3 SEC	1 SEC	17.6 A	
		2DRIVE	SS - 60	3 SEC	1 SEC	35.2 A	

NOTE

1, 상기 TABLE의 수치는 권고 SETTING 수치이며 MOTOR의 특성 및 현장 조건에 따라 변경 가능함.

E.O.C.R 권고 SETTING 치

* POWER SOURCE : AC3Φ 380V 60Hz

극동하이스트(주)

MOTOR 용량	MOTOR 정격 전류	DRIVE TYPE	E.O.C.R TYPE	권고 SETTING 치			REMARK
				DELAY TIME	OPERATION TIME	CURRENT	
0.2KW x 6P	1.6 A	1 DRIVE	SS - 05	3 SEC	1 SEC	1.8 A	
		2DRIVE	SS - 05	3 SEC	1 SEC	3.5 A	
0.4KW x 4P	1.8 A	1 DRIVE	SS - 05	3 SEC	1 SEC	2.0 A	
		2DRIVE	SS - 05	3 SEC	1 SEC	4.0 A	
0.5KW x 6P	2.0 A	1 DRIVE	SS - 05	3 SEC	1 SEC	2.2 A	
		2DRIVE	SS - 05	3 SEC	1 SEC	4.4 A	
0.75KW x 4P	2.4 A	1 DRIVE	SS - 05	3 SEC	1 SEC	2.6 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	5.3 A	
1.0KW x 6P	3.9 A	1 DRIVE	SS - 05	3 SEC	1 SEC	4.2 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	8.5 A	
1.5KW x 4P	4.2 A	1 DRIVE	SS - 05	3 SEC	1 SEC	4.6 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	9.2 A	
1.5KW x 6P	4.4 A	1 DRIVE	SS - 05	3 SEC	1 SEC	4.8 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	9.7 A	
2.2KW x 4P	5.8 A	1 DRIVE	SS - 30	3 SEC	1 SEC	6.4 A	
		2 DRIVE	SS - 30	3 SEC	1 SEC	12.8 A	
0.8/0.4KW x 4/8P	2.78/2.63 A	1 DRIVE	SS - 05	3 SEC	1 SEC	3.1 A	
			SS - 05	3 SEC	1 SEC	2.9 A	
		2 DRIVE	SS - 30	3 SEC	1 SEC	6.1 A	
			SS - 30	3 SEC	1 SEC	5.8 A	
2.2KW x 6P	7.0 A	1 DRIVE	SS - 30	3 SEC	1 SEC	7.7 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	15.4 A	
3.7KW x 4P	9.3 A	1 DRIVE	SS - 30	3 SEC	1 SEC	10.2 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	20.5 A	

NOTE

1, 상기 TABLE의 수치는 권고 SETTING 수치이며 MOTOR의 특성 및 현장 조건에 따라 변경 가능함.

E.O.C.R 권고 SETTING 치

* POWER SOURCE : AC3Φ 440V 60Hz

극동호이스트(주)

MOTOR 용량	MOTOR 정격 전류	DRIVE TYPE	E.O.C.R TYPE	권고 SETTING 치			REMARK
				DELAY TIME	OPERATION TIME	CURRENT	
0.2KW x 6P	1.2 A	1 DRIVE	SS - 05	3 SEC	1 SEC	1.3 A	
		2DRIVE	SS - 05	3 SEC	1 SEC	2.6 A	
0.4KW x 4P	1.4 A	1 DRIVE	SS - 05	3 SEC	1 SEC	1.5 A	
		2DRIVE	SS - 05	3 SEC	1 SEC	3.1 A	
0.5KW x 6P	1.8 A	1 DRIVE	SS - 05	3 SEC	1 SEC	2.0 A	
		2DRIVE	SS - 05	3 SEC	1 SEC	4.0 A	
0.75KW x 4P	2.1 A	1 DRIVE	SS - 05	3 SEC	1 SEC	2.3 A	
		2DRIVE	SS - 05	3 SEC	1 SEC	4.6 A	
1.0KW x 6P	3.3 A	1 DRIVE	SS - 05	3 SEC	1 SEC	3.7 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	7.3 A	
1.5KW x 4P	3.7 A	1 DRIVE	SS - 05	3 SEC	1 SEC	4.1 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	8.1 A	
1.5KW x 6P	3.8 A	1 DRIVE	SS - 05	3 SEC	1 SEC	4.2 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	8.4 A	
2.2KW x 4P	5.0 A	1 DRIVE	SS - 30	3 SEC	1 SEC	5.5 A	
		2 DRIVE	SS - 30	3 SEC	1 SEC	11.0 A	
0.8/0.4KW x 4/8P	2.4/2.27 A	1 DRIVE	SS - 05	3 SEC	1 SEC	2.6 A	
			SS - 05	3 SEC	1 SEC	2.5 A	
		2 DRIVE	SS - 30	3 SEC	1 SEC	5.3 A	
			SS - 05	3 SEC	1 SEC	5.0 A	
2.2KW x 6P	5.8 A	1 DRIVE	SS - 30	3 SEC	1 SEC	6.4 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	12.8 A	
3.7KW x 4P	8.0 A	1 DRIVE	SS - 30	3 SEC	1 SEC	8.8 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	17.6 A	

NOTE

1, 상기 TABLE의 수치는 권고 SETTING 수치이며 MOTOR의 특성 및 현장 조건에 따라 변경 가능함.

E.O.C.R 권고 SETTING 치

* POWER SOURCE : AC3Φ 460V 60Hz

극동호이스트(주)

MOTOR 용량	MOTOR 정격 전류	DRIVE TYPE	E.O.C.R TYPE	권고 SETTING 치			REMARK
				DELAY TIME	OPERATION TIME	CURRENT	
0.2KW x 6P	1.2 A	1 DRIVE	SS - 05	3 SEC	1 SEC	1.3 A	
		2DRIVE	SS - 05	3 SEC	1 SEC	2.6 A	
0.4KW x 4P	1.4 A	1 DRIVE	SS - 05	3 SEC	1 SEC	1.5 A	
		2DRIVE	SS - 05	3 SEC	1 SEC	3.1 A	
0.5KW x 6P	1.8 A	1 DRIVE	SS - 05	3 SEC	1 SEC	2.0 A	
		2DRIVE	SS - 05	3 SEC	1 SEC	4.0 A	
0.75KW x 4P	2.0 A	1 DRIVE	SS - 05	3 SEC	1 SEC	2.2 A	
		2DRIVE	SS - 05	3 SEC	1 SEC	4.4 A	
1.0KW x 6P	3.2 A	1 DRIVE	SS - 05	3 SEC	1 SEC	3.5 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	7.0 A	
1.5KW x 4P	3.5 A	1 DRIVE	SS - 05	3 SEC	1 SEC	3.9 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	7.7 A	
1.5KW x 6P	3.8 A	1 DRIVE	SS - 05	3 SEC	1 SEC	4.2 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	8.4 A	
2.2KW x 4P	5.0 A	1 DRIVE	SS - 30	3 SEC	1 SEC	5.5 A	
		2 DRIVE	SS - 30	3 SEC	1 SEC	11.0 A	
0.8/0.4KW x 4/8P	2.4/2.27 A	1 DRIVE	SS - 05	3 SEC	1 SEC	2.6 A	
		2 DRIVE	SS - 05	3 SEC	1 SEC	2.5 A	
2.2KW x 6P	5.8 A	1 DRIVE	SS - 30	3 SEC	1 SEC	5.3 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	5.0 A	
3.7KW x 4P	8.0 A	1 DRIVE	SS - 30	3 SEC	1 SEC	6.4 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	12.8 A	
				3 SEC	1 SEC	8.8 A	
				3 SEC	1 SEC	17.6 A	

NOTE

1, 상기 TABLE의 수치는 권고 SETTING 수치이며 MOTOR의 특성 및 현장 조건에 따라 변경 가능함.

E.O.C.R 권고 SETTING 치

* POWER SOURCE : AC3Φ 480V 60Hz

국동호이스트(주)

MOTOR 용량	MOTOR 정격 전류	DRIVE TYPE	E.O.C.R TYPE	권고 SETTING 치			REMARK
				DELAY TIME	OPERATION TIME	CURRENT	
0.2KW x 6P	1.2 A	1 DRIVE	SS - 05	3 SEC	1 SEC	1.3 A	
		2DRIVE	SS - 05	3 SEC	1 SEC	2.6 A	
0.4KW x 4P	1.4 A	1 DRIVE	SS - 05	3 SEC	1 SEC	1.5 A	
		2DRIVE	SS - 05	3 SEC	1 SEC	3.1 A	
0.5KW x 6P	1.8 A	1 DRIVE	SS - 05	3 SEC	1 SEC	2.0 A	
		2DRIVE	SS - 05	3 SEC	1 SEC	4.0 A	
0.75KW x 4P	1.9 A	1 DRIVE	SS - 05	3 SEC	1 SEC	2.1 A	
		2DRIVE	SS - 05	3 SEC	1 SEC	4.2 A	
1.0KW x 6P	3.1 A	1 DRIVE	SS - 05	3 SEC	1 SEC	3.4 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	6.7 A	
1.5KW x 4P	3.4 A	1 DRIVE	SS - 05	3 SEC	1 SEC	3.7 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	7.5 A	
1.5KW x 6P	3.8 A	1 DRIVE	SS - 05	3 SEC	1 SEC	4.2 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	8.4 A	
2.2KW x 4P	5.0 A	1 DRIVE	SS - 30	3 SEC	1 SEC	5.5 A	
		2 DRIVE	SS - 30	3 SEC	1 SEC	11.0 A	
0.8/0.4KW x 4/8P	2.4/2.27 A	1 DRIVE	SS - 05	3 SEC	1 SEC	2.6 A	
			SS - 05	3 SEC	1 SEC	2.5 A	
		2 DRIVE	SS - 30	3 SEC	1 SEC	5.3 A	
			SS - 05	3 SEC	1 SEC	5.0 A	
2.2KW x 6P	5.8 A	1 DRIVE	SS - 30	3 SEC	1 SEC	6.4 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	12.8 A	
3.7KW x 4P	8.0 A	1 DRIVE	SS - 30	3 SEC	1 SEC	8.8 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	17.6 A	

NOTE

1, 상기 TABLE의 수치는 권고 SETTING 수치이며 MOTOR의 특성 및 현장 조건에 따라 변경 가능함.



제 2011-BJ-0019 호

안 전 인 증 서

(주)포인트

부산시 사상구 덕포2동 393-8번지

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

용량·등급

인증번호

PL-950(P)

J-1

11-AV2BJ-0019

인 증 기 준

방호장치 의무안전인증 고시(노동부고시 제2010- 36호)

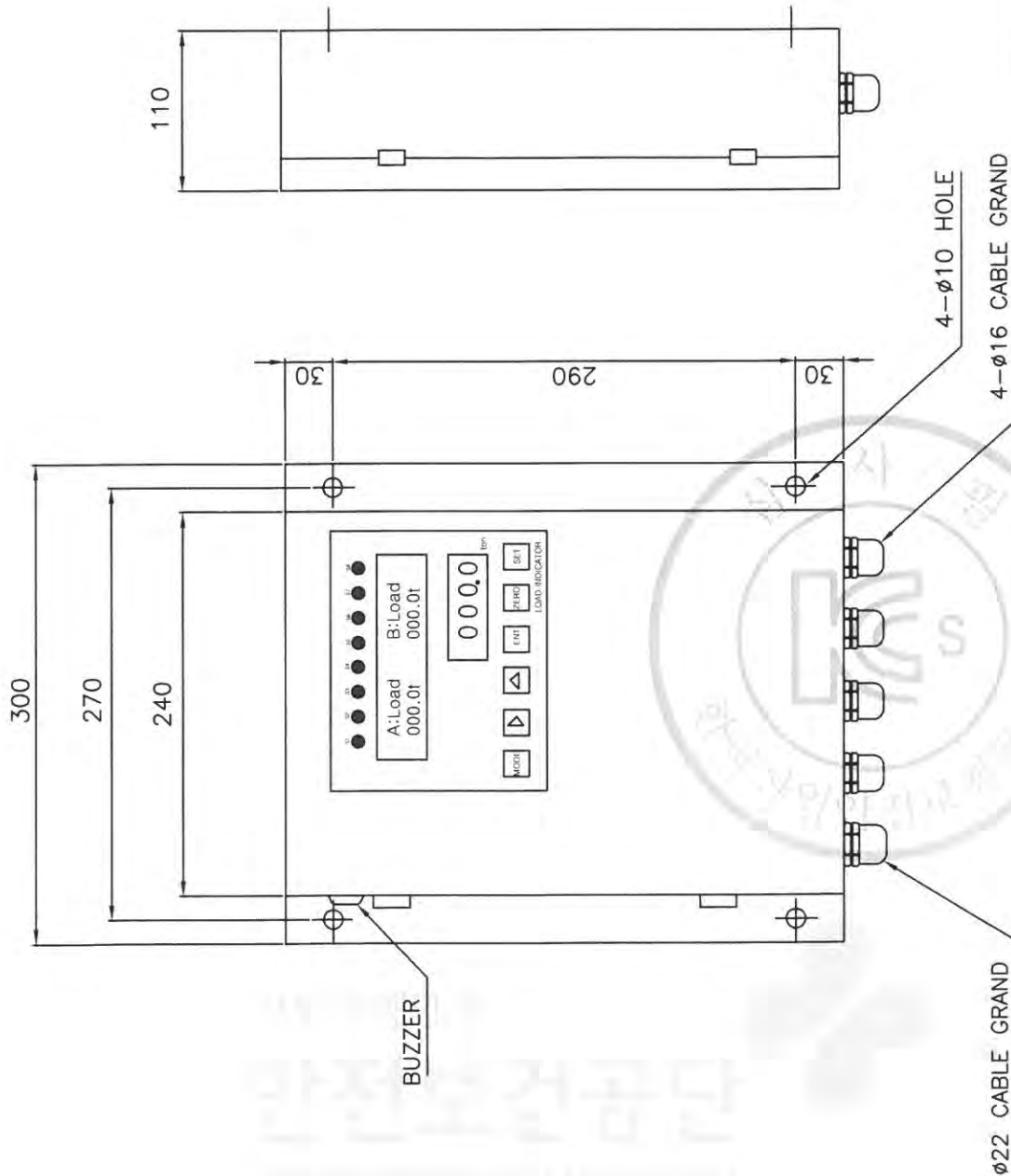
인 증 조 건

아래 주소에서 생산되는 제품에 한함.

부산시 사상구 덕포2동 393-8번지

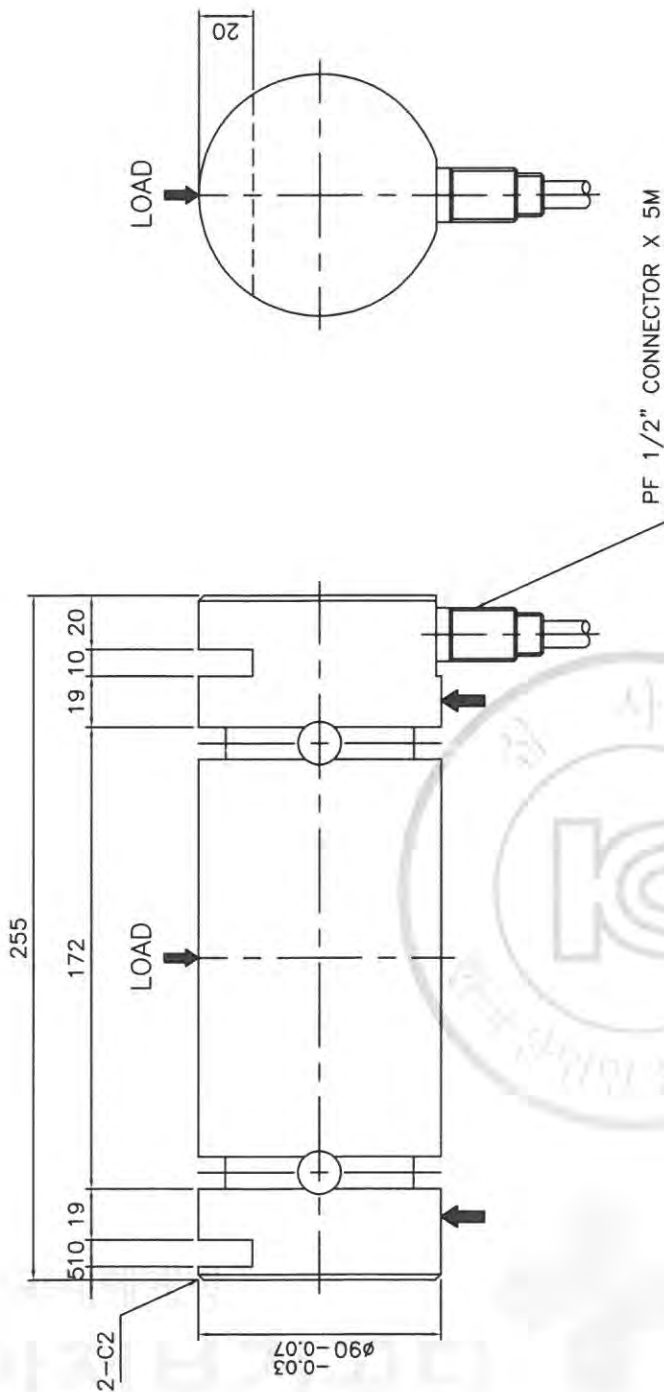
2011 년 10 월 24 일

한국산업안전보건공단 이사장



MODEL	PL-950
POWER SUPPLY	AC 110V/220V ±10% 50/60HZ 1PH
POWER CONSUMPTION	APPROX. 30W
RELAY OUTPUT	OVER LOAD ALARM (1a DRY CONTACT) OVER LOAD STOP (1b DRY CONTACT)
MATERIAL	STEEL

NO	DESCRIPTION		DIMENSION		MAT'L	Q'TY	REMARK
TITLE TYPE : CONTROLLER			Plant		극동호이스트(주) 30/15T 극동HOIST CRANE		
MODEL : PL-950							
Drawn	Checked	Approved	Scale	File Name			
K.Y.M	K.C.G	S.J.H					
			Date	2020.03.24			
			Dwg.No	FM-PL-950-1			
			Force-M TEL : 051-757-7007, M.P : 010-3588-7007				



◎ SPECIFICATIONS

MODEL	PF5-30T
Rated capacity(R.C)	30tf
Temp. range, compensated	-20~80° C
Excitation, recommended	10V
Safe overload	150% R.C
Material	SNM439
Q'TY	1SET / CRANE

NO	DESCRIPTION		DIMENSION		MAT'L	Q'TY	REMARK
TITLE TYPE : PIN TYPE			Plant		극동호이스트(주) 30T 극동H01ST CRANE FOR MAIN		
MODEL : PF5-30T							
Drawn	Checked	Approved	Scale		File Name		
K.Y.M	K.C.G	S.J.H					
			Date		2020.03.24		
			Dwg.No		FM-PF5-30T90		
			 TEL : 051-757-7007, M.P : 010-3589-7007				

방송통신기자재등의 적합인증서

Certificate of Broadcasting and Communication Equipments

상호 또는 성명 Trade Name or Applicant	주식회사 케이지오토
기자재 명칭 Equipment Name	특정소출력 무선기기(데이터전송용 무선기기)
기본모델명 Basic Model Number	KG-R12MLHCCC
파생모델명 Series Model Number	KG-R12YLHCCA, KG-R12YLHCCC, KG-R12MLHAAA, KG-R12MLHCCA, KG-R12MLHCAA, KG-R12YLHCAA, KG-R12YLHAAA
인증번호 Certification No.	MSIP-CRM-KGO-KG-R12MLHCCC
제조사/제조국가 Manufacturer/ Country of Origin	주식회사 케이지오토 / 한국
인증연월일 Date of Certification	2015-06-24
기타 Others	

위 기자재는 「전파법」 제58조의2 제2항에 따라 인증되었음을 증명합니다.

It is verified that foregoing equipment has been certificated under the Clause 2, Article 58-2 of Radio Waves Act.

2015년(Year) 06월(Month) 24일(Date)

국립전파연구원장



Director General of National Radio Research Agency

※ 인증 받은 방송통신기자재는 반드시 "적합성평가표시" 를 부착하여 유통하여야 합니다.
위반시 과태료 처분 및 인증이 취소될 수 있습니다.

SALES OFFICE : 7th floor, 145, Teheran-ro, Gangnam-gu, Seoul, Korea

TEL : 82-2-3420-3500, FAX : 82-2-3420-3600, E-mail : sales@dsrcorp.com, http://www.dsrcorp.com

MILL TEST CERTIFICATE / CERTIFICATE OF INSPECTION

Certificate No : 201804-Do637-1

Reel/Coil No : 1

Purchaser : -

Date : 2018. 04. 18

P.O No : -

L/C No. : -

Invoice No : Do637-224

1. TYPE / GRADE

Construction : 6X37+FC

Diameter : 22.4 MM

Length : 1,000 MTRS

Specification : KS D 3514

Coating : BRIGHT

Grade : 1,770

Lay : RHRL

Lubrication : A-2

2. ROPE TEST RESULTS

Items	Normal or Specified	Actual
Diameter	22.4 MM	22.9 MM
Breaking Strength	284.0 KN	291.5 KN
Lay Length	- MM	149 MM
Preforming	Good	Good

3. WIRE TEST RESULTS

Items	Normal or Specified	Actual
Diameter	1.00 MM	1.01 MM
Tensile Strength	1,770 N/MM2	1,822 N/MM2
Break Force	1,389 N	1,459 N
Torsion	27	35
Weight of Coating	- G/M2	- G/M2

We hereby certify that the above results are true and correct in every detail.

CHEMICAL ANALYSIS OF WIRE ROD

Charge No	Chemical Composition (%)				
	C	Si	Mn	P	S
SF 94504	0.73	0.19	0.46	0.010	0.009

Approval or Inspection Possibility

WIRE ROPE

Suncheon Factory : 15, Sandan 1-gil, Seo-myeon, Suncheon-si Jeonnam-do, Korea
Yulchon Factory : 80-21, Yulchonsandan 1-ro, Haeryong-myeon, Suncheon-si Jeonnam-do, Korea



WIRE

Suncheon 2 Factory : 38, Sandan 4-gil, Seo-myeon, Suncheon-si Jeonnam-do, Korea

Quality Management Dept.



Handwritten signature
Chief Inspector



Manho Rope & Wire Ltd.

Registered by

Manufacture

71, Noksanhwajeon-ro, Gangseo-gu,

BUSAN, KOREA

TEL : 82-51-831-5611-6

FAX : 82-51-831-5617

KS D 3514 / API 9A / JIS G 3525

AMERICAN BUREAU OF SHIPPING

LLOYD'S REGISTER OF SHIPPING

KOREAN REGISTER OF SHIPPING

NIPPON KAIJI KYOKAI

DET NORSKE VERITAS

GERMANISCHER LLOYD

RINA REGISTRO ITALIANO NAVALE

BUREAU VERITAS

Sheet No. 2017B-257-01

Date MAR. 27. 2017

MILL TEST CERTIFICATE

Customer : Messrs

Supplier : Messrs MANHO ROPE & WIRE LTD.

L/C No. Order No.

Commodity UNGALVANIZED STEEL WIRE ROPE

Construction 6XF129 IWRC Grade 180 Kg/mm²

Specification KS D3514 Lubrication A2

Order Quantity 1,000.00 m Reel No. 1

Gross Weight Net Weight 1,430.00 Kgs

TEST RESULT

Rope Dia 18.00 (Actual) 18.630 mm Preforming GOOD

Kind of Lay R.H.R.L Length of Lay 115.70 mm

Specified Breaking Strength of Wire Rope 22,300.00 Kgs

Actual Breaking strength of Wire Rope 23,400.00 Kgs

Nominal Dia. of Wire 1.040 mm

Tensile Strength of Wires Min 190 Max 193 Kg / mm²

Number of Torsion of Wires Min 30 Max 33 Times

Weight of Zinc Coating

CHEMICAL ANALYSIS OF WIRE ROD

Heat No.	C	Si	Mn	P	S
SA21032	0.7149	0.198	0.695	0.0186	0.0178

REMARKS SAMPLE



MHS-B102-31



Manho Rope & Wire Ltd.

Quality Control Dept

(203X280)

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 M
4. RATED POWER	13 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	870 RPM
11. FULL LOAD CURRENT	59.0 A
12. STARTING CURRENT AT RATED VOLTAGE	344.5 A
13. MINIMUM STARTING VOLTAGE	198 V
14. EFFICIENCY AT 100% RATED LOAD	82.0 %
15. POWER FACTOR AT 100% RATED LOAD	70.5 %
16. STARTING TORQUE	31.2 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6311zz 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 M
4. RATED POWER	13 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	870 RPM
11. FULL LOAD CURRENT	34.2 A
12. STARTING CURRENT AT RATED VOLTAGE	199 A
13. MINIMUM STARTING VOLTAGE	342 V
14. EFFICIENCY AT 100% RATED LOAD	82.0 %
15. POWER FACTOR AT 100% RATED LOAD	70.5 %
16. STARTING TORQUE	31.2 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6311zz 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 M
4. RATED POWER	13 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	870 RPM
11. FULL LOAD CURRENT	29.5 A
12. STARTING CURRENT AT RATED VOLTAGE	173 A
13. MINIMUM STARTING VOLTAGE	396 V
14. EFFICIENCY AT 100% RATED LOAD	82.0 %
15. POWER FACTOR AT 100% RATED LOAD	70.5 %
16. STARTING TORQUE	31.2 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6311zz 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 M
4. RATED POWER	13 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	870 RPM
11. FULL LOAD CURRENT	28.4 A
12. STARTING CURRENT AT RATED VOLTAGE	164.8 A
13. MINIMUM STARTING VOLTAGE	414 V
14. EFFICIENCY AT 100% RATED LOAD	82.0 %
15. POWER FACTOR AT 100% RATED LOAD	70.5 %
16. STARTING TORQUE	31.2 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6311zz 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 M
4. RATED POWER	13 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	870 RPM
11. FULL LOAD CURRENT	27.2 A
12. STARTING CURRENT AT RATED VOLTAGE	158.0 A
13. MINIMUM STARTING VOLTAGE	432 V
14. EFFICIENCY AT 100% RATED LOAD	82.0 %
15. POWER FACTOR AT 100% RATED LOAD	70.5 %
16. STARTING TORQUE	31.2 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6311zz 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	112 M
4. RATED POWER	1.8 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	11.0 A
12. STARTING CURRENT AT RATED VOLTAGE	55.0 A
13. MINIMUM STARTING VOLTAGE	198 V
14. EFFICIENCY AT 100% RATED LOAD	71.5 %
15. POWER FACTOR AT 100% RATED LOAD	60.0 %
16. STARTING TORQUE	6.93 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	HOISTING
2. MANUFACTURE	극동 호이스트 (주)
3. FRAME NUMBER	112 M
4. RATED POWER	1.8 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	6.4 A
12. STARTING CURRENT AT RATED VOLTAGE	31.9 A
13. MINIMUM STARTING VOLTAGE	342 V
14. EFFICIENCY AT 100% RATED LOAD	71.5 %
15. POWER FACTOR AT 100% RATED LOAD	60.0 %
16. STARTING TORQUE	6.93 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	HOISTING
2. MANUFACTURE	극동 호이스트 (주)
3. FRAME NUMBER	112 M
4. RATED POWER	1.8 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	5.5 A
12. STARTING CURRENT AT RATED VOLTAGE	27.5 A
13. MINIMUM STARTING VOLTAGE	396 V
14. EFFICIENCY AT 100% RATED LOAD	71.5 %
15. POWER FACTOR AT 100% RATED LOAD	60.0 %
16. STARTING TORQUE	6.93 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	HOISTING
2. MANUFACTURE	극동 호이스트 (주)
3. FRAME NUMBER	112 M
4. RATED POWER	1.8 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	5.3 A
12. STARTING CURRENT AT RATED VOLTAGE	26.3 A
13. MINIMUM STARTING VOLTAGE	414 V
14. EFFICIENCY AT 100% RATED LOAD	71.5 %
15. POWER FACTOR AT 100% RATED LOAD	60.0 %
16. STARTING TORQUE	6.93 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	HOISTING
2. MANUFACTURE	극동 호이스트 (주)
3. FRAME NUMBER	112 M
4. RATED POWER	1.8 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	5.1 A
12. STARTING CURRENT AT RATED VOLTAGE	25.3 A
13. MINIMUM STARTING VOLTAGE	432 V
14. EFFICIENCY AT 100% RATED LOAD	71.5 %
15. POWER FACTOR AT 100% RATED LOAD	60.0 %
16. STARTING TORQUE	6.93 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	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	342 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