



심사결과 통지서

신청인	사업장명	극동호이스트(주)	사업장관리번호	134-81-013350
	사업자등록번호	134-81-01335	대표자 성명	최성찬
	소재지	(15423) 경기도 안산시 단원구 해봉로 119		

안전인증대상 기계·기구명

호이스트 [동일형식인정 - “별첨(3모델)” 참조]

형 식 (규 격)	KD10-DL	용 량 (등 급)	10 Ton
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산업안전보건법 제 84조 및 같은 법 시행규칙 제110조에 따라 실시한

] 예비심사

V] 서면심사

] 기술능력 및 생산체제 심사

] 개별 제품심사

] 개별 제품심사(제작중)

] 형식별 제품심사

결과가

[V] 적 합

[] 부적합

합을 통지합니다.

2020년 11월 17일

인증심사원

이승태 진주호 여정현

이 승태 (서명 또는 인)

한국산업안전보건공단 이사장





제2021 - 2185046 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 _____

KD10-DL (10Ton) / 21-AH2AC-00024

_____ 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

2021년 10월 26일

한국산업안전보건공단 이사장



서 면 심 사 서 류

형식 번호 : KD10-DL

극 동 호 이 스톱 (주)



주소 : 경기도 안산시 단원구 해봉로 119 (성곡동)

전화 : 031) 491 - 5311

팩스 : 031) 492 - 0473

동일 형식 일람 표

사업장명		국동호이스트(주)		개정일자 및 번호		인증번호	비 고
형식 및 모델		동일 형식 인정범위 및 내역					
형식	모델	권상속도(m/min)	회행속도(m/min)	양정(m)	회행방식		
KD10-DL	KD10-L6-DL	고속 : 4.5 (m/min)	고속 : 15 (m/min) (INVERTER : 2~15 m/min)	6	모터 구동식	회행 inverter 포함	
	KD10-L9-DL	저속 : 3 (m/min)	저속 : 10 (m/min) (INVERTER : 2~10 m/min)	9			
	KD10-L12-DL			12			



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

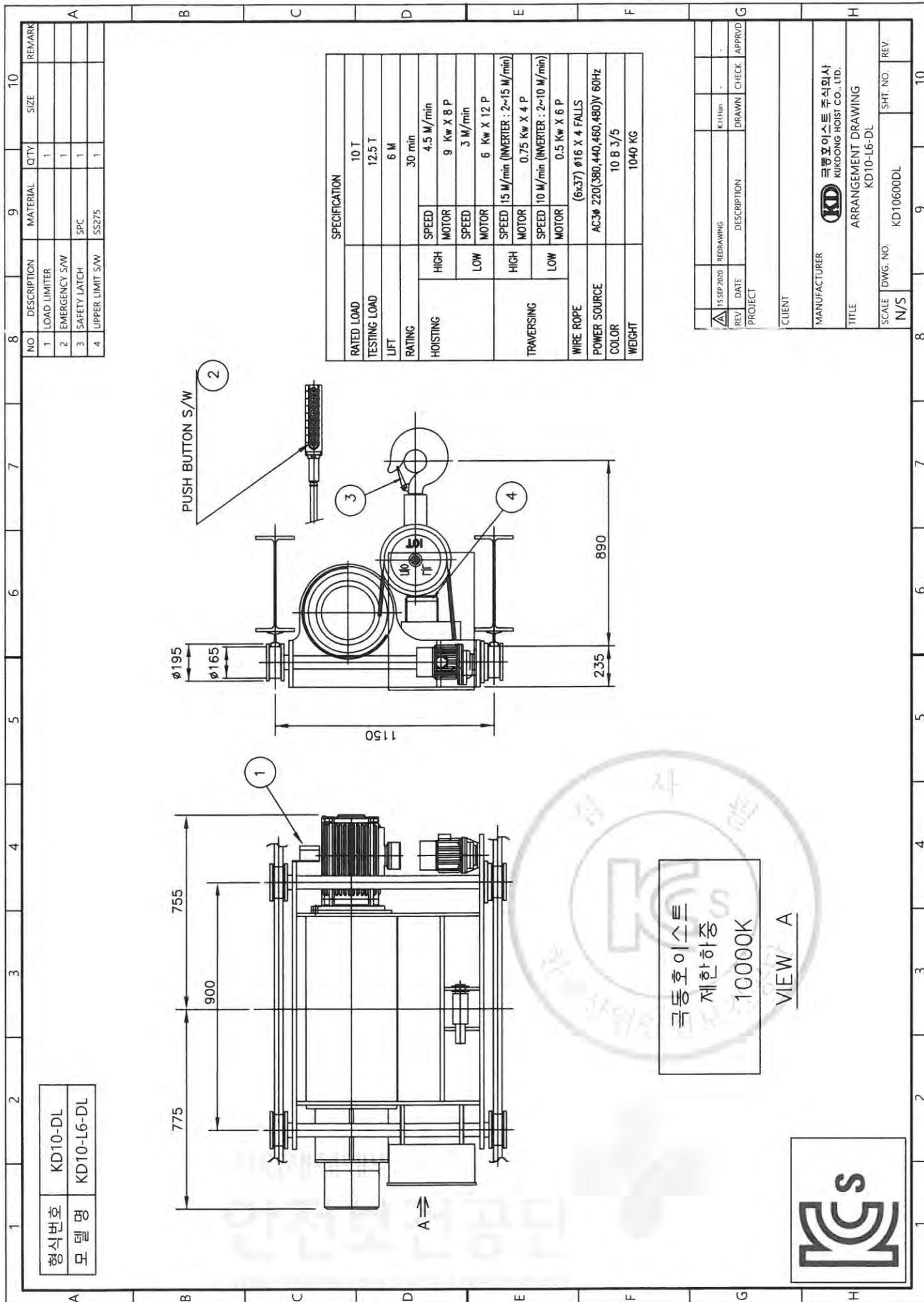
아래 주소에서 생산되는 제품에 한함.

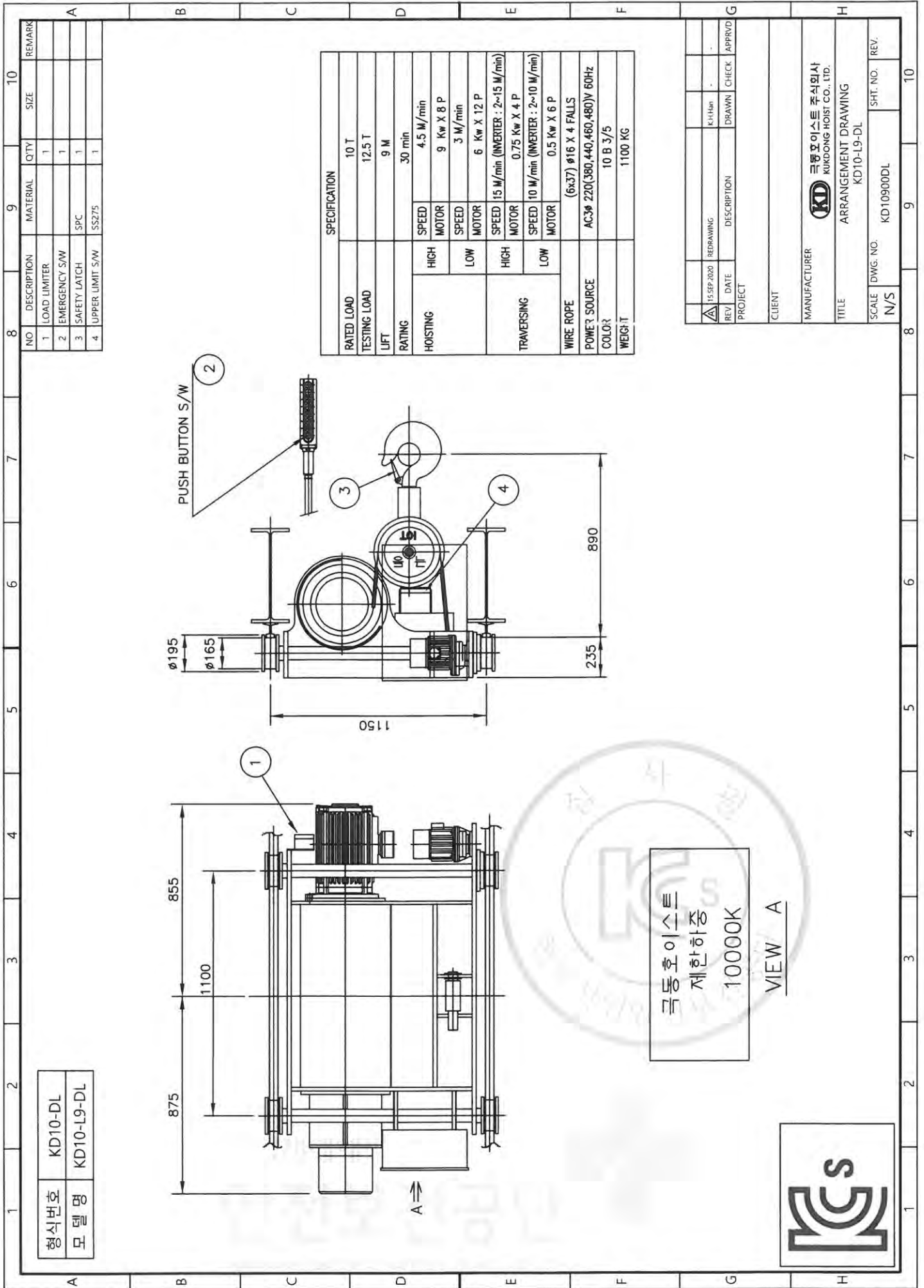
정호엔지니어링, 경기도 광명시 노동사동 440-5

2012년 06월 11일

한국산업안전보건공단 이사장







[illegible]

ELECTRICAL SPECIFICATION

. POWER SOURCE : AC 3Φ 220V, 380V, 440V ,460V,480V 60Hz
 . CONTROL SOURCE : AC 1Φ 110V,120V 60Hz

OBJECT	MOTOR OUTPUT	220V		380V		440V	460V	480V	440,460,480V	BRAKE	REMARK
		STATOR CURRENT	1st CABLE SIZE	STATOR CURRENT	1st CABLE SIZE	STATOR CURRENT	STATOR CURRENT	STATOR CURRENT	1st CABLE SIZE		
MAIN HOIST	HIGH	45.00 A	16.0 sq	26.00 A	6.0 sq	22.50 A	21.50 A	20.60 A	4.0 sq	DC MAG. BRAKE	1 DRIVE
	LOW	45.40 A	16.0 sq	26.30 A	6.0 sq	22.70 A	21.80 A	20.90 A	4.0 sq	DC MAG. BRAKE	1 DRIVE
TRAVERSING	HIGH	4.10 A	2.5 sq	2.40 A	2.5 sq	2.00 A	2.00 A	1.90 A	2.5 sq	DC MAG. BRAKE	1 DRIVE
	LOW	3.40 A	2.5 sq	2.00 A	2.5 sq	1.70 A	1.70 A	1.60 A	2.5 sq	DC MAG. BRAKE	1 DRIVE
CONTROL CIRCUIT		1 A	1.5 sq	1 A	1.5 sq	1 A	1 A	1 A	1.5 sq		
LIGHTING & ACC'Y CIRCUIT											
SUB TOTAL		50.10 A	16 sq	29.40 A	10.0 sq	25.50 A	24.50 A	23.50 A	6.0 sq	I(A)=M/H + T/S + ASS'Y	

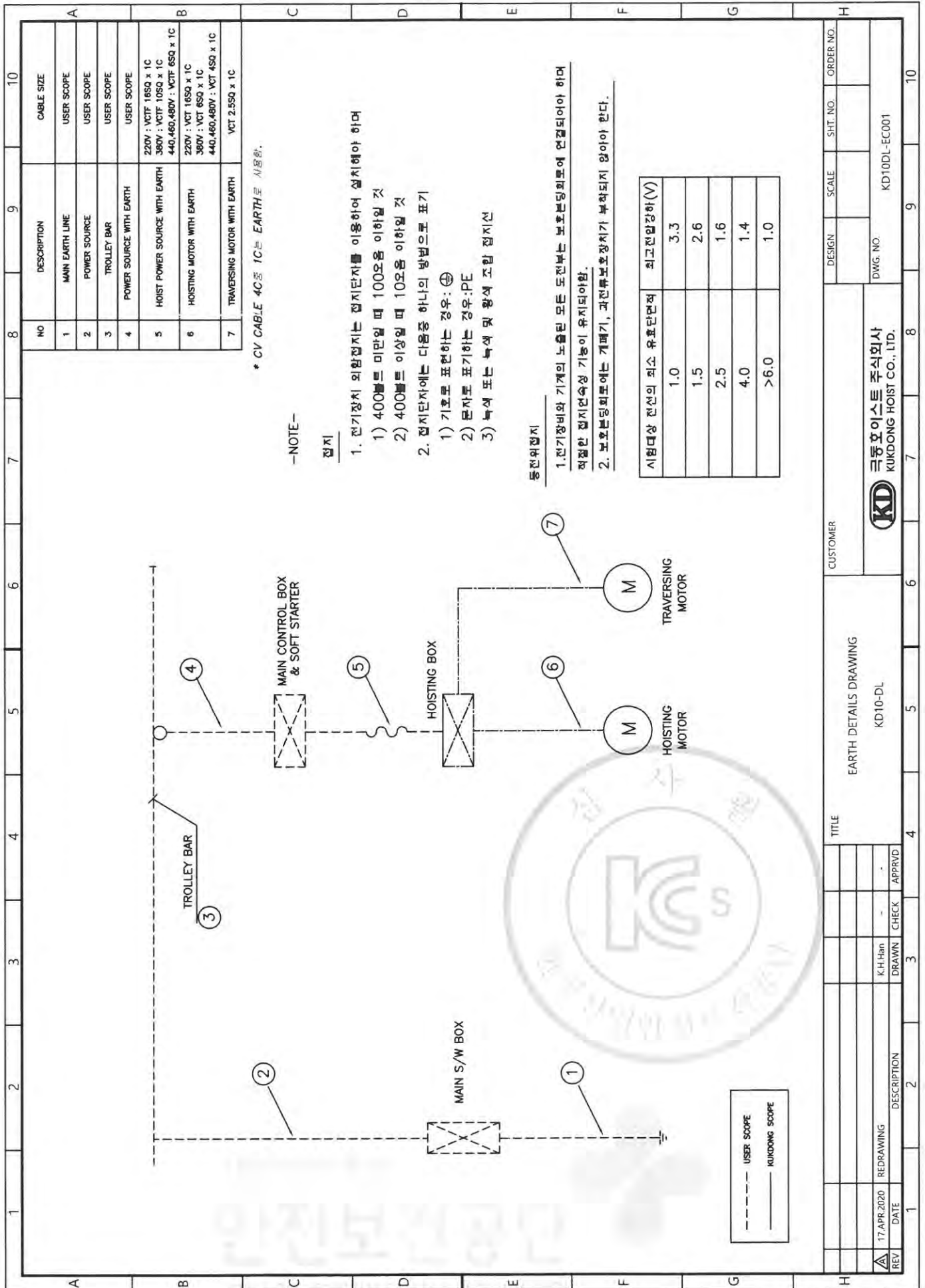
*. 위 계산은 HIGH(MAX.)일때만 계산한것임.

불법복제 및 배포금지

A schematic diagram of a three-phase asynchronous motor. The diagram shows the motor's frame, stator, and rotor. Three labels with arrows point to specific parts: '1' points to the stator, '2' points to the rotor, and '3' points to the motor's terminal box or connection point.

	3 PHASE INDUCTION MOTOR			
	KW	PI TYPE	TENV	
	VOLTS	V RATING	min	
	AMP.S	A	TEMP	40°C
	HEARTS	INS.CLASS F		
	R.P.M	BEARING		
	ROTOR	C		
	BEARING	DATE		
	SERIAL			
	KUKDONG HOIST CO.LTD			

[illegible]



—NOTE—

접지

1. 전기장치 외함접지는 접지단자를 이용하여 설치해야 하며

1) 400볼트 미만일 때 100옴 이하일 것

2) 400볼트 이상일 때 10옴 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

동전위접지

1. 전기장비와 기계의 노출된 모든 도선부는 보호등회로에 연결되어야 하며

적절한 접지연속성 기능이 유지되어야 함.

2. 보호등회로에는 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

* CV CABLE 4C 중 1C는 EARTH로 사용함.

CUSTOMER

TITLE

EARTH DETAILS DRAWING

KD **극동호이스트 주식회사**
KUKDONG HOIST CO., LTD.

DWG. NO. KD10DL-EC001

REV DATE DESCRIPTION

DRAWN CHECK

APPRVD

KD10-DL

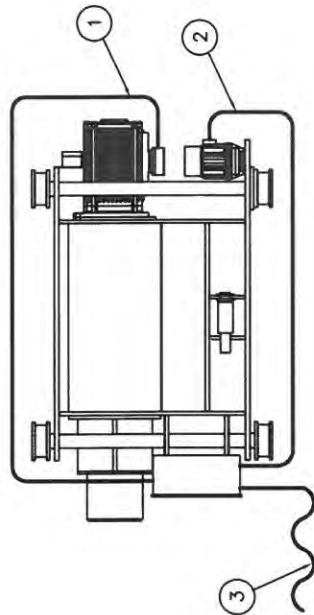
CUSTOMER

DESIGN

SCALE

SHT. NO.

ORDER NO.



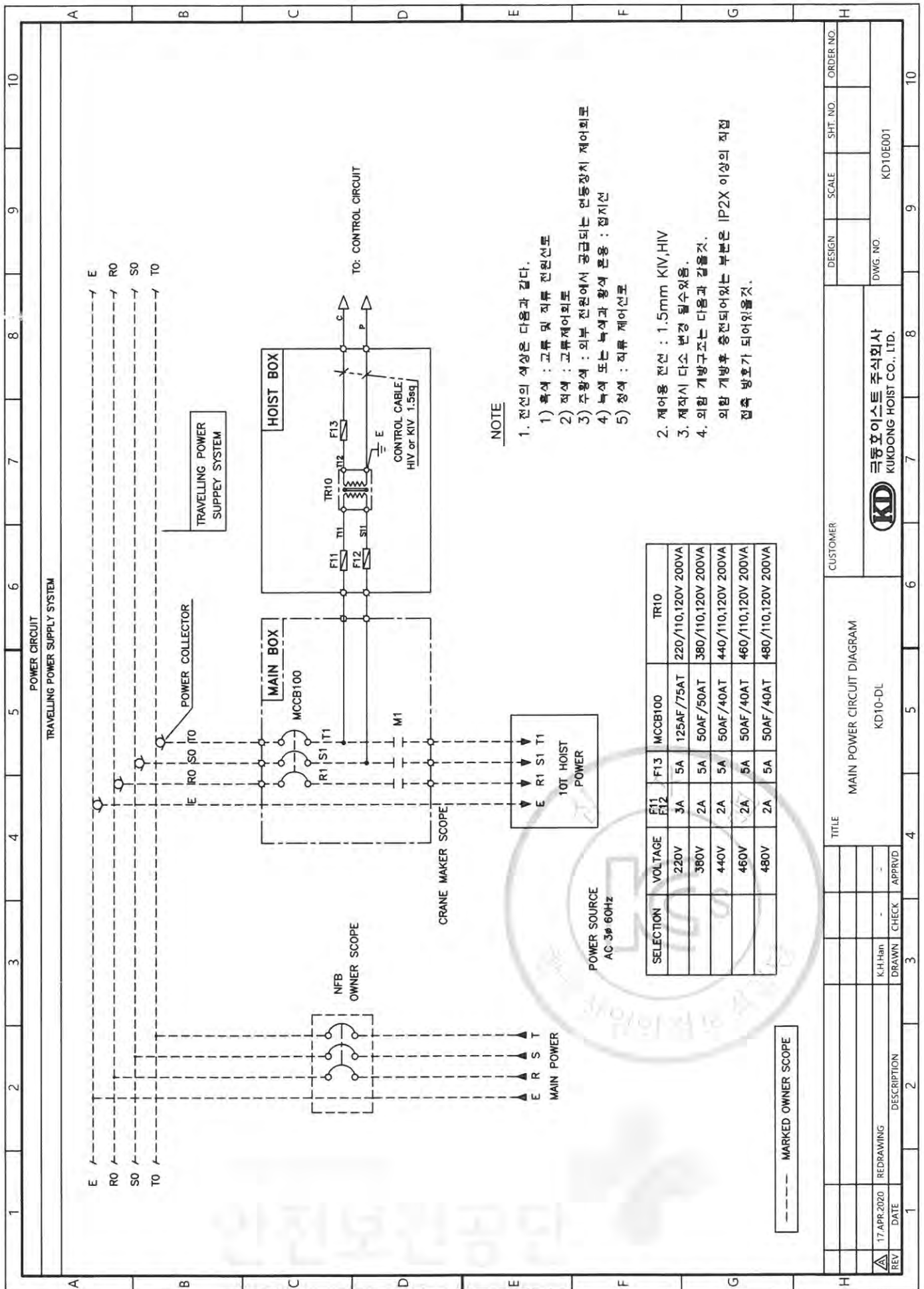
1. 전기장파와 기계의 노출된 모든 도전부는 보호층외표면에 연결되어야 하며 적절한 접지연속성 기능이 유지되어야함.
2. 보호층외표면에는 개폐기, 과전류보호장치가 부착되지 않아야 한다.

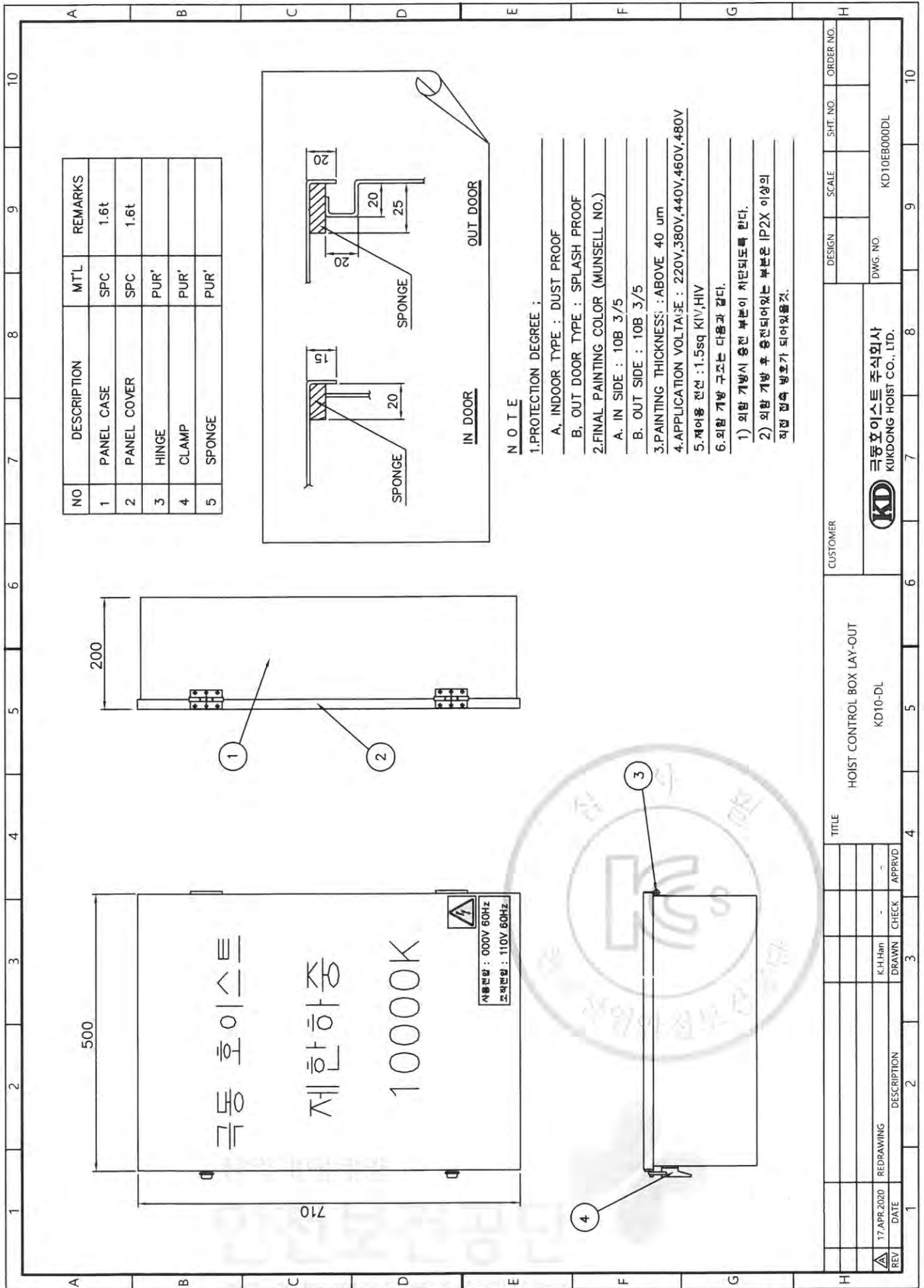
시험대상 전선의 최소 유효단면적	최고전압강하(V)
1.0	3.3
1.5	2.6
2.5	1.6
4.0	1.4
>6.0	1.0

NO	CABLE					REMARK
	TYPE	SIZE			440V, 460V, 480V	
		220V	380V	TYPE		
1	VCT	16sq	6.0sq	VCT	4.0sq	HOISTING MOTOR WITH EARTH
2	VCT	2.5sq	2.5sq	VCT	2.5sq	T/S MOTOR WITH EARTH
3	VCT	16sq	10sq	VCT	6sq	MAIN POWER WITH EARTH

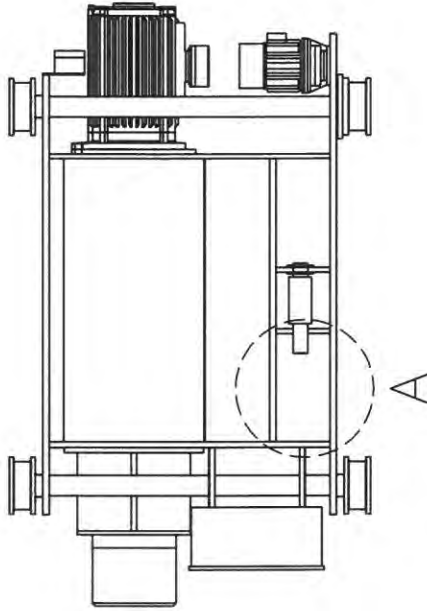
본 도면은 EARTH를 명기하기 위한 도면으로서
실제 배치와 다를 수 있으며 HOIST 본체와의
EARTH용 CABLE은 REFERENCE임

[illegible]





REV		DATE	DESCRIPTION	DRAWN	CHECK	APPRVD	TITLE	CUSTOMER		DESIGN	SCALE	SHT. NO.	ORDER NO.
A		17 APR 2020	REDRAWING	K.H.Han	-	-	HOIST CONTROL BOX LAY-OUT	극동호이스트 주식회사					
							KD10-DL	KUKDONG HOIST CO., LTD.					
								KD					
								KUKDONG HOIST CO., LTD.					
								DWG. NO.					
								KD10EB000DL					



VIEW A

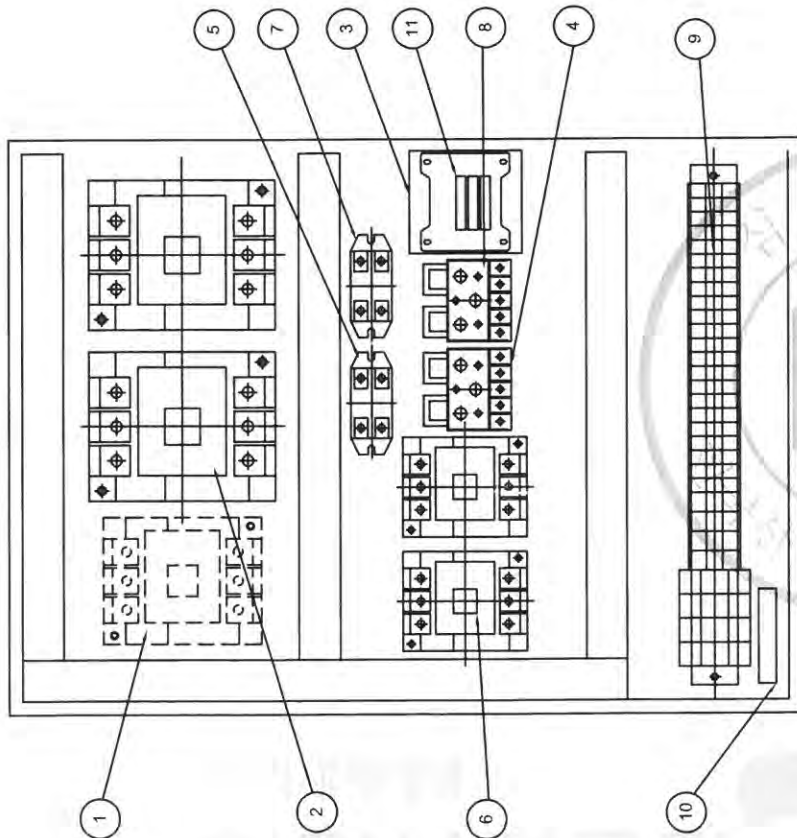
2) 저색 : 고무제이화포
3) 주형색 : 외벽 진원에서 공급되는 인동까지 제이화포
4) 녹색 또는 녹색과 황색 혼용 : 접지선

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

1. 전선의 세상은 다음과 같다.

- 1) 흑색 : 고무 및 비류 전선선노
 - 2) 녹색 : 고무제외로
 - 3) 주황색 : 외부 전선에서 공급되는 연동장치 제어로
 - 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 변경될수있음.
 5. 외함 개방구도는 다음과 같음.
- 1) 외함 개방시 응진부분이 차단되도록 함.
 - 2) 외함 개방후 응진되어있는 부분은 IP2X 이상의 차단 접촉 방호가 되

[illegible]



--- : CRANE SCOPE

NOTE

1. UPPER LIMIT LS-1의 접점 허용 전류 용량 : AC 600V, 3A
2. UPPER LIMIT LS-2의 접점 허용 전류 용량 : NFB 125AF
3. EARTH TERMINAL RESISTANCE : 0.018 Ω
4. POWER SOURCE : AC, 3φ/220V 60HZ

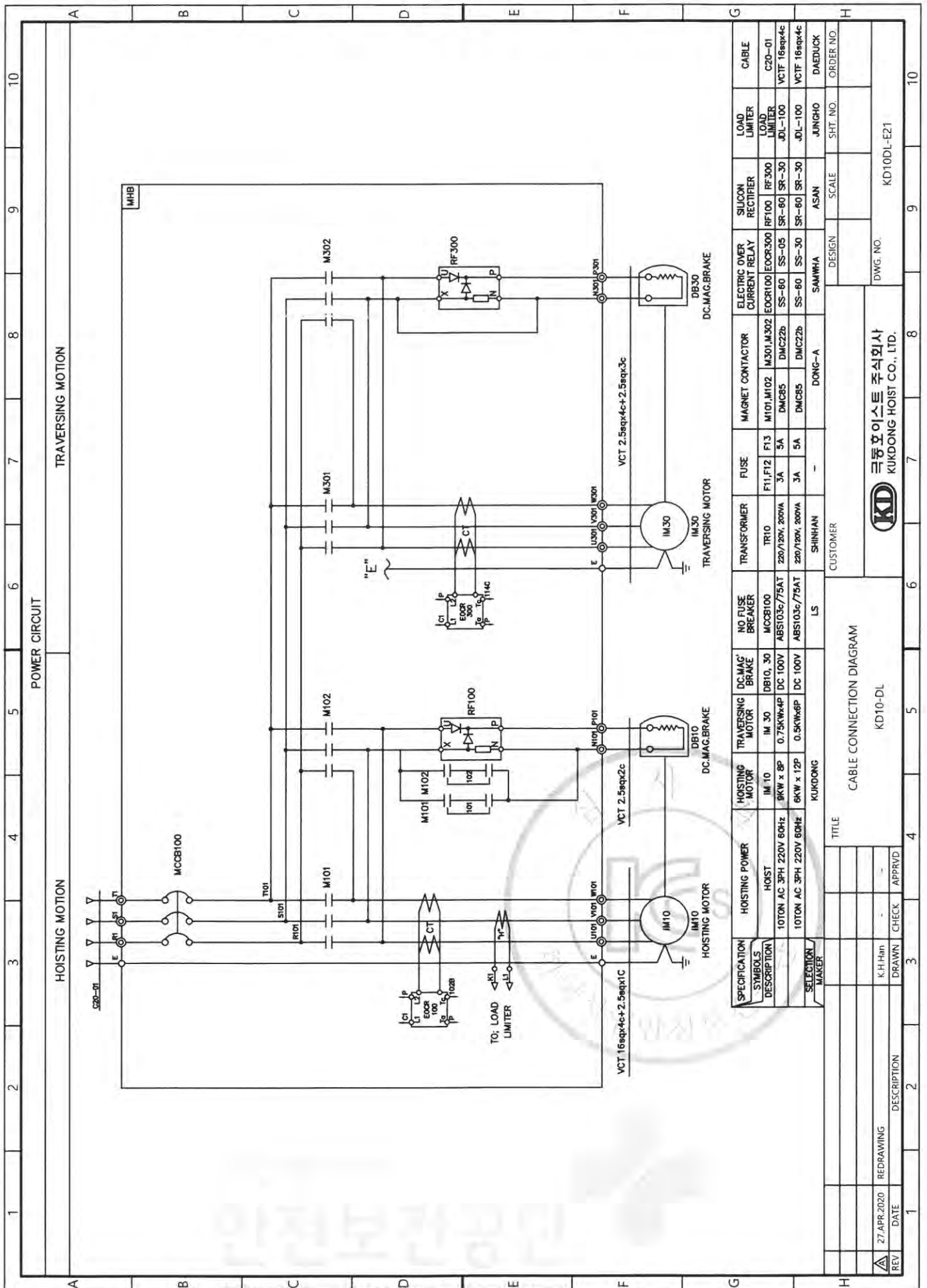


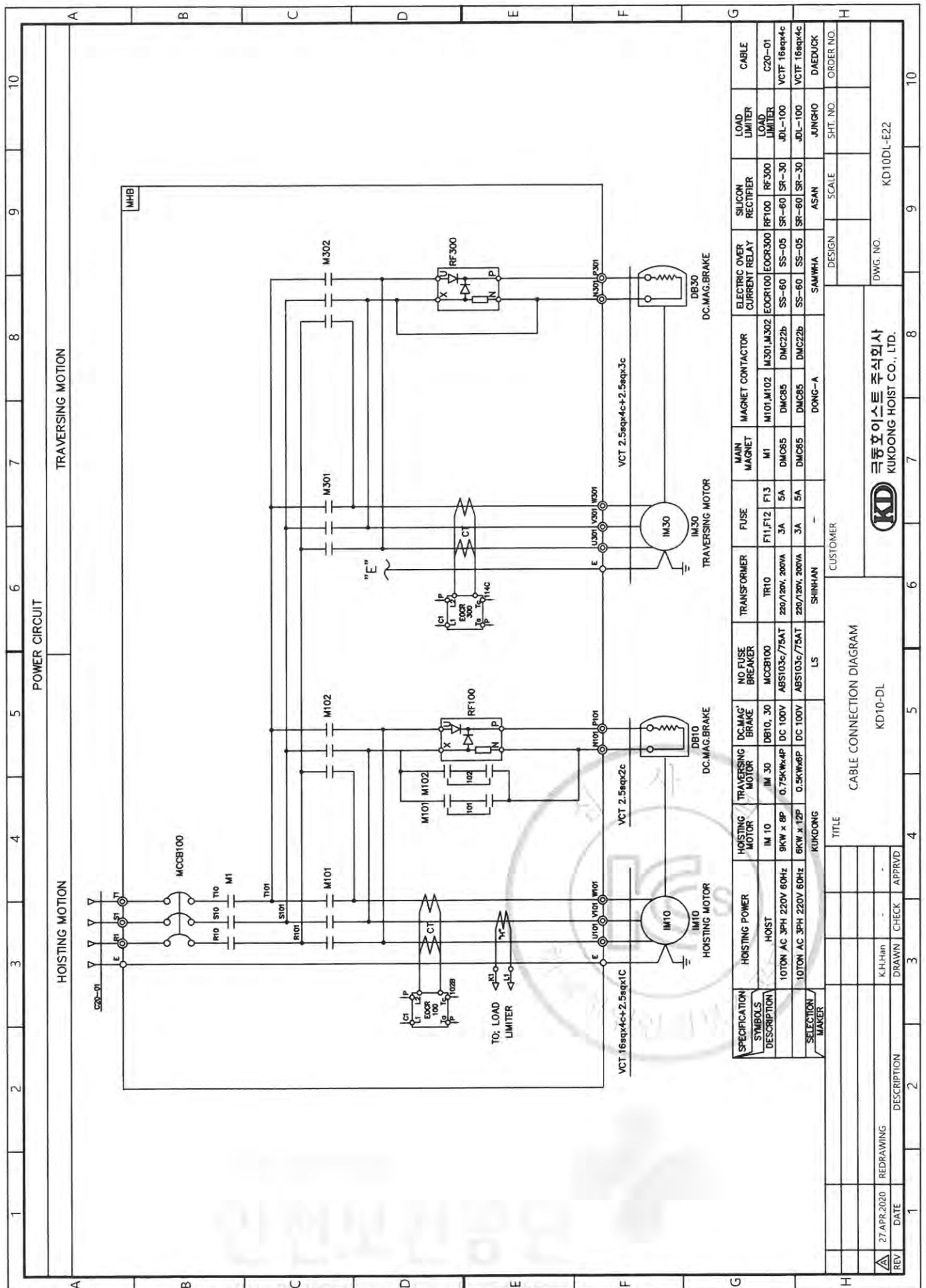
NO	SYMBOL	DESCRIPTION	SPECIFICATION	QTY	REMARK
1	M1	MAIN MAG. CONTACTOR	DMC65	1	
2	M101,102	MAG. CONTACTOR	DMC85	2	HOISTING
3	TR	TRANSFORMER	220/110,120V 200VA	1	
4	EOCR100	ELECTRONIC OVER CURRENT RELAY	SS-60	1	HOISTING
5	RF100	SILICON RECTIFIER	SR-60	1	HOISTING
6	M301,302	MAG. CONTACTOR	DMC22b	2	TRAVERSING
7	EOCR300	ELECTRONIC OVER CURRENT RELAY	SS-05	1	TRAVERSING
8	RF300	SILICON RECTIFIER	SR-30	1	TRAVERSING
9		TERMINAL BLOCK	60A,15A	1	
10		EARTH TERMINAL	3x20x50	1	
11	F11,12,(13)	FUSE	3A, (5A)	2(1)	

NOTE

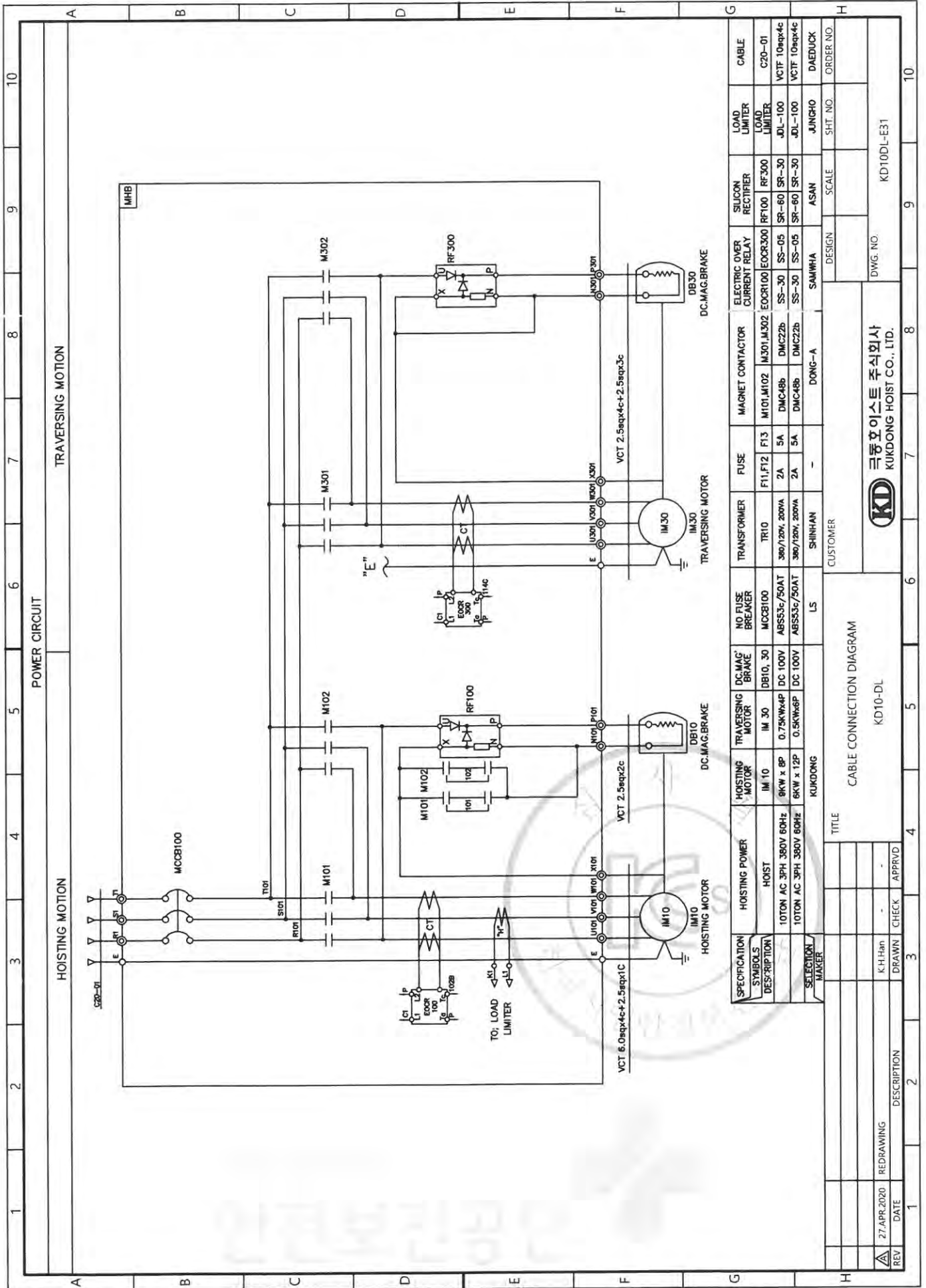
1. 전선의 색상은 다음과 같다.
- 1) 흑색 : 교류 및 직류 전원선으로
- 2) 적색 : 교류제어회로
- 3) 주황색 : 외부 전원에서 공급되는 연동장치 제어회로
- 4) 녹색 또는 녹색과 황색 혼합 : 접지선
2. CABLE MATERIAL : KIV OR EQUIVALENT
MIN SIZE : 1.5sq
3. 제어용 전선 : 1.5mm KIV,HIV
4. 제작시 다소 변경될수있음.
5. 외함 개방구조는 다음과 같을것.
- 1) 외함 개방시 충전부분이 차단되도록 할것.
- 2) 외함 개방후 충전되어있는 부분은 IP2X 이상의 직접 접촉 방호가 되어있을것.

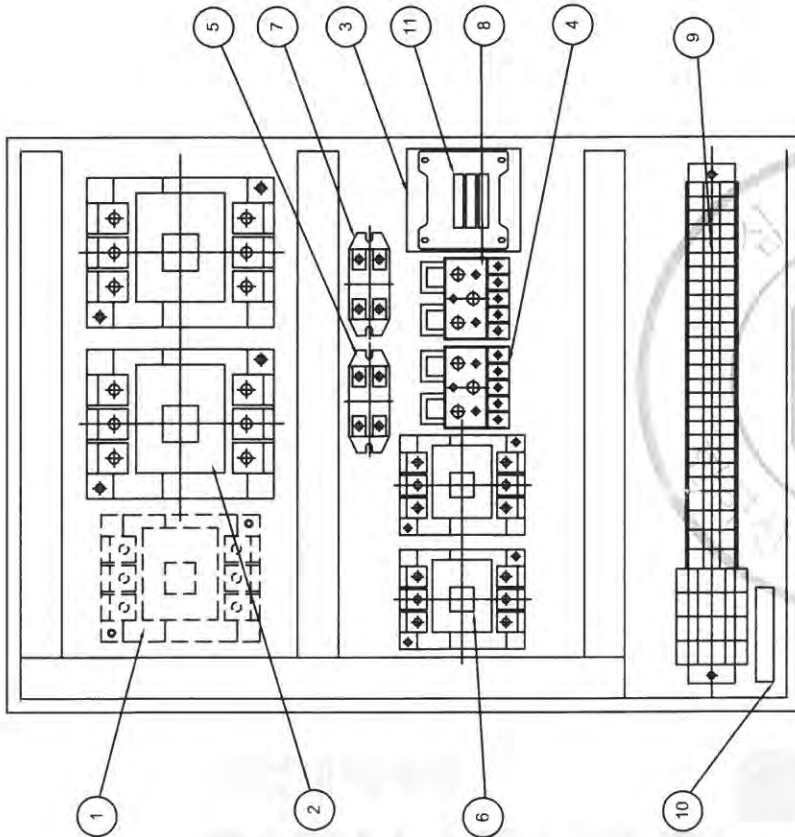
REV		DATE	DESCRIPTION	DRAWN	CHECK	APPROVD	TITLE		CABLE CONNECTION DIAGRAM		CUSTOMER		DESIGN	SCALE	SHT NO.	ORDER NO.
1	27 APR.2020		REDRAWING	K.H.Han	-	-	KD10-DL		KD10-DL		극동호이스트 주식회사 KUKDONG HOIST CO., LTD.					
												DWG NO.		KD10DL-BA20		





A		B		C		D		E		F		G		H																																																																									
1		2		3		4		5		6		7		8																																																																									
9		10		11		12		13		14		15		16																																																																									
--- : CRANE SCOPE NOTE 1. UPPER LIMIT LS-1의 접점 허용 전류 용량 : AC 600V, 3A 2. UPPER LIMIT LS-2의 접점 허용 전류 용량 : NFB 50AF 3. EARTH TERMINAL RESISTANCE : 0.018 Ω 4. POWER SOURCE : AC 3φ/380V 60HZ																																																																																							
NOTE 1. 전선의 색상은 다음과 같다. 1) 흑색 : 교류 및 직류 전원선로 5) 청색 : 직류 제어선로 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. 제작시 다소 변경될수있음. 5. 외함 개방구조는 다음과 같을것. 1) 외함 개방시 응전부분이 차단되도록 할것. 2) 외함 개방후 응전되어있는 부분은 IP2X 이상의 피전 접촉 방호가 되어있을것.																																																																																							
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--- : CRANE SCOPE

NOTE

1. UPPER LIMIT LS-1의 접점 허용 전류 용량 : AC 600V, 3A
2. UPPER LIMIT LS-2의 접점 허용 전류 용량 : NFB 50AF
3. EARTH TERMINAL RESISTANCE : 0.018 Ω
4. POWER SOURCE : AC 3φ 440V 60HZ

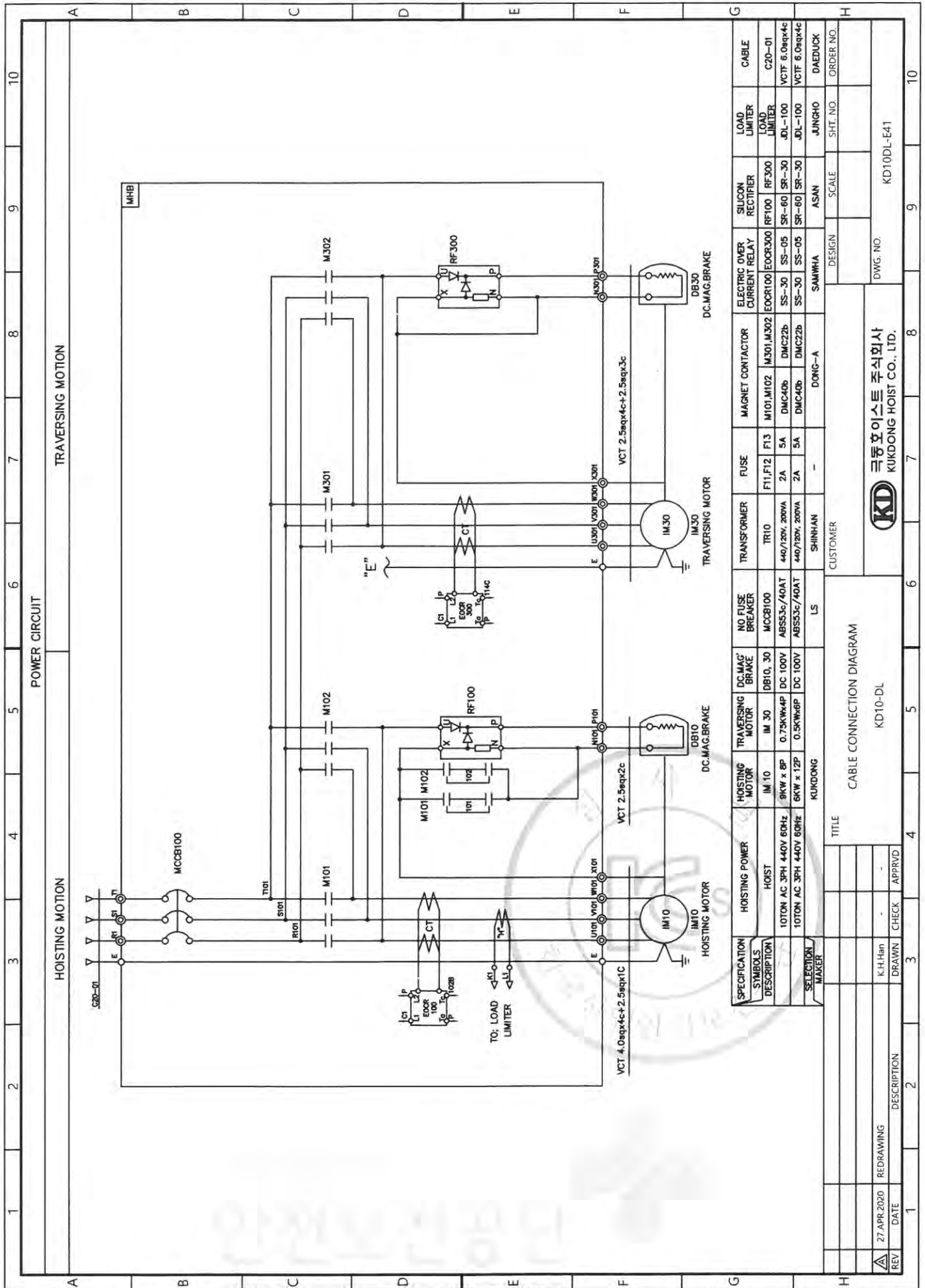


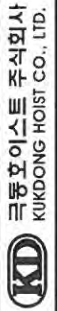
NO	SYMBOL	DESCRIPTION	SPECIFICATION	QTY	REMARK
1	M1	MAIN MAG. CONTACTOR	DMC32b	1	
2	M101,102	MAG. CONTACTOR	DMC40b	2	HOISTING
3	TR	TRANSFORMER	440/110,120V 200VA	1	
4	EOCR100	ELECTRONIC OVER CURRENT RELAY	SS-60	1	HOISTING
5	RF100	SILICON RECTIFIER	SR-60	1	HOISTING
6	M301,302	MAG. CONTACTOR	MC-22b	2	TRAVERSING
7	EOCR300	ELECTRONIC OVER CURRENT RELAY	SS-05	1	TRAVERSING
8	RF300	SILICON RECTIFIER	SR-30	1	TRAVERSING
9		TERMINAL BLOCK	60A 15A	1	
10		EARTH TERMINAL	3x20x50	1	
11	F11,12(13)	FUSE	2A, (5A)	2(1)	

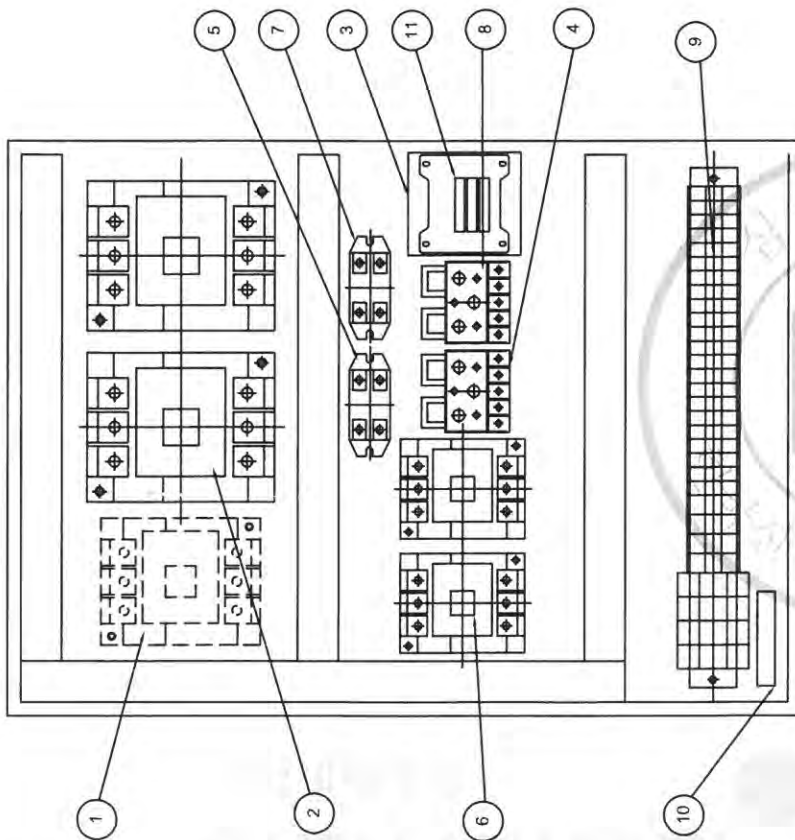
NOTE

1. 전선의 색상은 다음과 같다.
- 1) 흑색 : 교류 및 직류 전원선
- 2) 적색 : 교류제어회로
- 3) 주황색 : 외부 전원에서 공급되는 전동장치 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. 제직시 다소 변경될수있음.
5. 외함 개방구조는 다음과 같을것.
- 1) 외함 개방시 충전부분이 차단되도록 할것.
- 2) 외함 개방후 충전되어있는 부분은 IP2X 이상의 직접 접촉 방호가 되어있을것.

REV		DATE	DESCRIPTION	DRAWN		CHECK	APPROVD	TITLE		CABLE CONNECTION DIAGRAM		CUSTOMER	DESIGN	SCALE	SHT. NO.	ORDER NO.
27 APR 2020				K.H.Han	-	-		KD10-DL		KD10-DL		극동호이스트 주식회사 KUKDONG HOIST CO., LTD.				
													DWG. NO.	KD10DL-BA40		







--- : CRANE SCOPE

NOTE

1. UPPER LIMIT LS-1의 접점 허용 전류 용량 : AC 600V, 3A
2. UPPER LIMIT LS-2의 접점 허용 전류 용량 : NFB 53AF
3. EARTH TERMINAL RESISTANCE : 0.018 Ω
4. POWER SOURCE : AC. 3φ 460V 60HZ



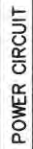
NO	SYMBOL	DESCRIPTION	SPECIFICATION	QTY	REMARK
1	M1	MAIN MAG. CONTACTOR	DMC32b	1	
2	M101,102	MAG. CONTACTOR	DMC40b	2	HOISTING
3	TR	TRANSFORMER	450/110,120V 200VA	1	
4	EOCR100	ELECTRONIC OVER CURRENT RELAY	SS-60	1	HOISTING
5	RF100	SILICON RECTIFIER	SR-60	1	HOISTING
6	M301,302	MAG. CONTACTOR	MC-22b	2	TRAVERSING
7	EOCR300	ELECTRONIC OVER CURRENT RELAY	SS-05	1	TRAVERSING
8	RF300	SILICON RECTIFIER	SR-30	1	TRAVERSING
9		TERMINAL BLOCK	60A,15A	1	
10		EARTH TERMINAL	3x20x50	1	
11	FT1,12,(13)	FUSE	2A, (5A)	2(1)	

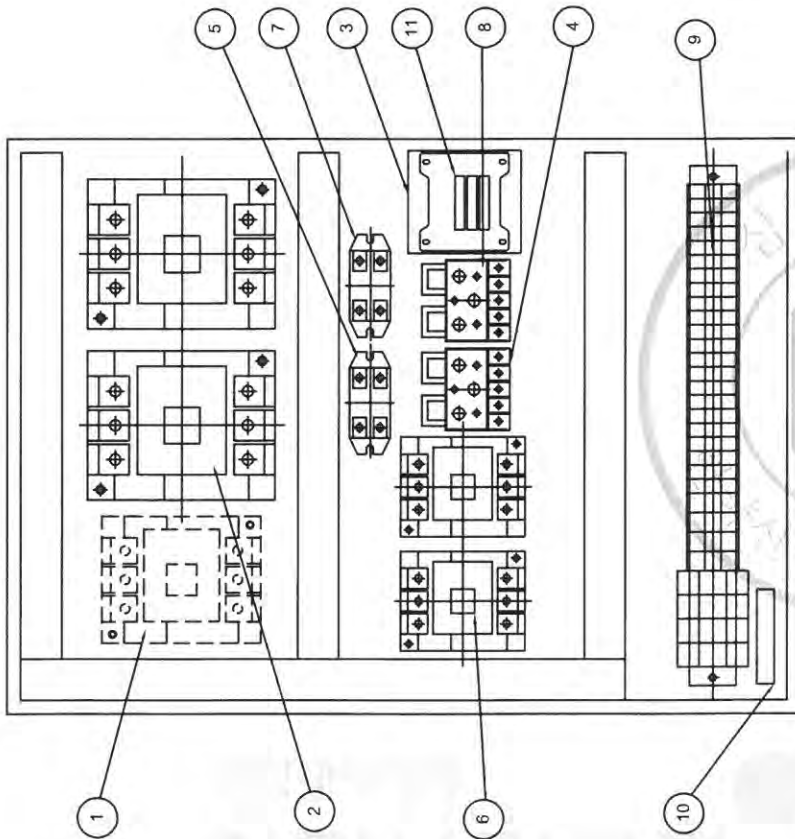
NOTE

1. 전선의 색상은 다음과 같다.
1) 흑색 : 교류 및 직류 전원선로 5) 청색 : 직류 제어선로
 - 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. 제작성 다소 변경될수있음.
 5. 외함 개방구조는 다음과 같을것.
 - 1) 외함 개방시 승전부분이 차단되도록 할것.
 - 2) 외함 개방후 승전되어있는 부분은 IP2X 이상의 피접 접촉 방호가 되어있을것.

REV		DATE	DESCRIPTION	DRAWN	CHECK	APPRVD	TITLE		CABLE CONNECTION DIAGRAM		CUSTOMER	DESIGN	SCALE	SHT. NO.	ORDER NO.
27 APR 2020				K.H.Han					KD10-DL		크동호이스트 주식회사 KUKDONG HOIST CO., LTD.				
									KD10-DL			DWG. NO.			
KD 크동호이스트 주식회사 KUKDONG HOIST CO., LTD.															
KD10DL-BA50															







--- : CRANE SCOPE

NOTE

1. UPPER LIMIT LS-1의 접점 허용 전류 용량 : AC 600V, 3A

3. EARTH TERMINAL RESISTANCE : 0.018 Ω

4. POWER SOURCE : AC, 3φ/480V 60HZ

NO	SYMBOL	DESCRIPTION	SPECIFICATION	QTY	REMARK
1	M1	MAIN MAG. CONTACTOR	DMC32b	1	
2	M101,102	MAG. CONTACTOR	DMC40b	2	HOISTING
3	TR	TRANSFORMER	480/110,120V 200VA	1	
4	EOCR100	ELECTRONIC OVER CURRENT RELAY	SS-60	1	HOISTING
5	RF100	SILICON RECTIFIER	SR-60	1	HOISTING
6	M301,302	MAG. CONTACTOR	MC-22b	2	TRAVERSING
7	EOCR300	ELECTRONIC OVER CURRENT RELAY	SS-05	1	TRAVERSING
8	RF300	SILICON RECTIFIER	SR-30	1	TRAVERSING
9		TERMINAL BLOCK	60A,15A	1	
10		EARTH TERMINAL	3x20x50	1	
11	F11,12,(13)	FUSE	2A, (5A)	2(1)	

NOTE

1. 전선의 색상은 다음과 같다.

1) 녹색 : 교류 및 직류 전원선으로 5) 적색 : 직류 제어선으로

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

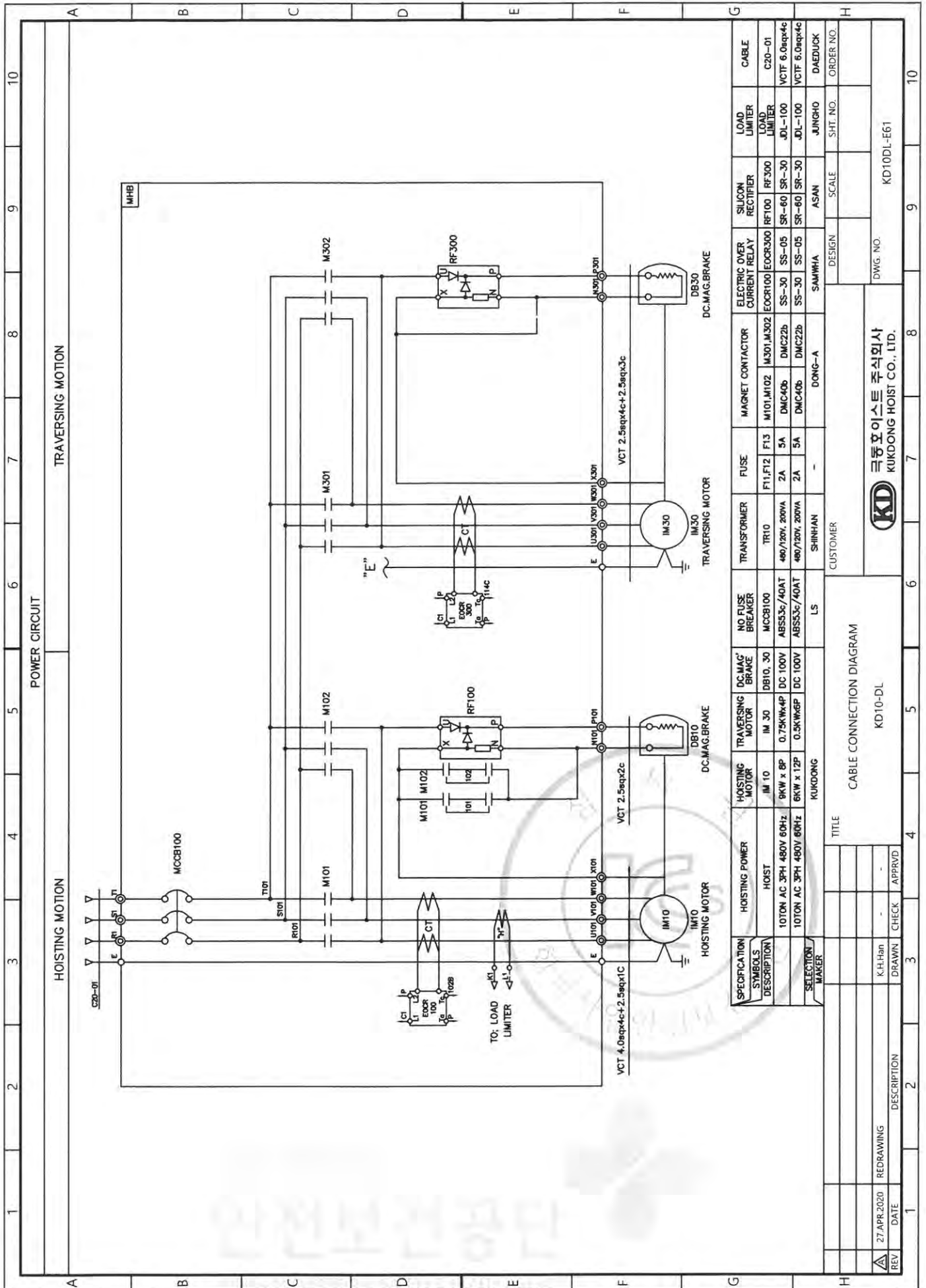
4. 제작시 다소 변경될수있음.

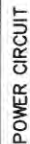
5. 외함 개방구조는 다음과 같을것.

1) 외함 개방시 충전부분이 차단되도록 할것.

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

REV		DATE		DESCRIPTION		DRAWN		CHECK		APPRVD	
27 APR 2020						K.H.Han					
TITLE						CABLE CONNECTION DIAGRAM					
KD10-DL						KD10-DL					
CUSTOMER						KUDONG HOIST CO., LTD.					
DESIGN						SCALE					
SHT. NO.						ORDER NO.					
DWG. NO.						KD10DL-BA60					



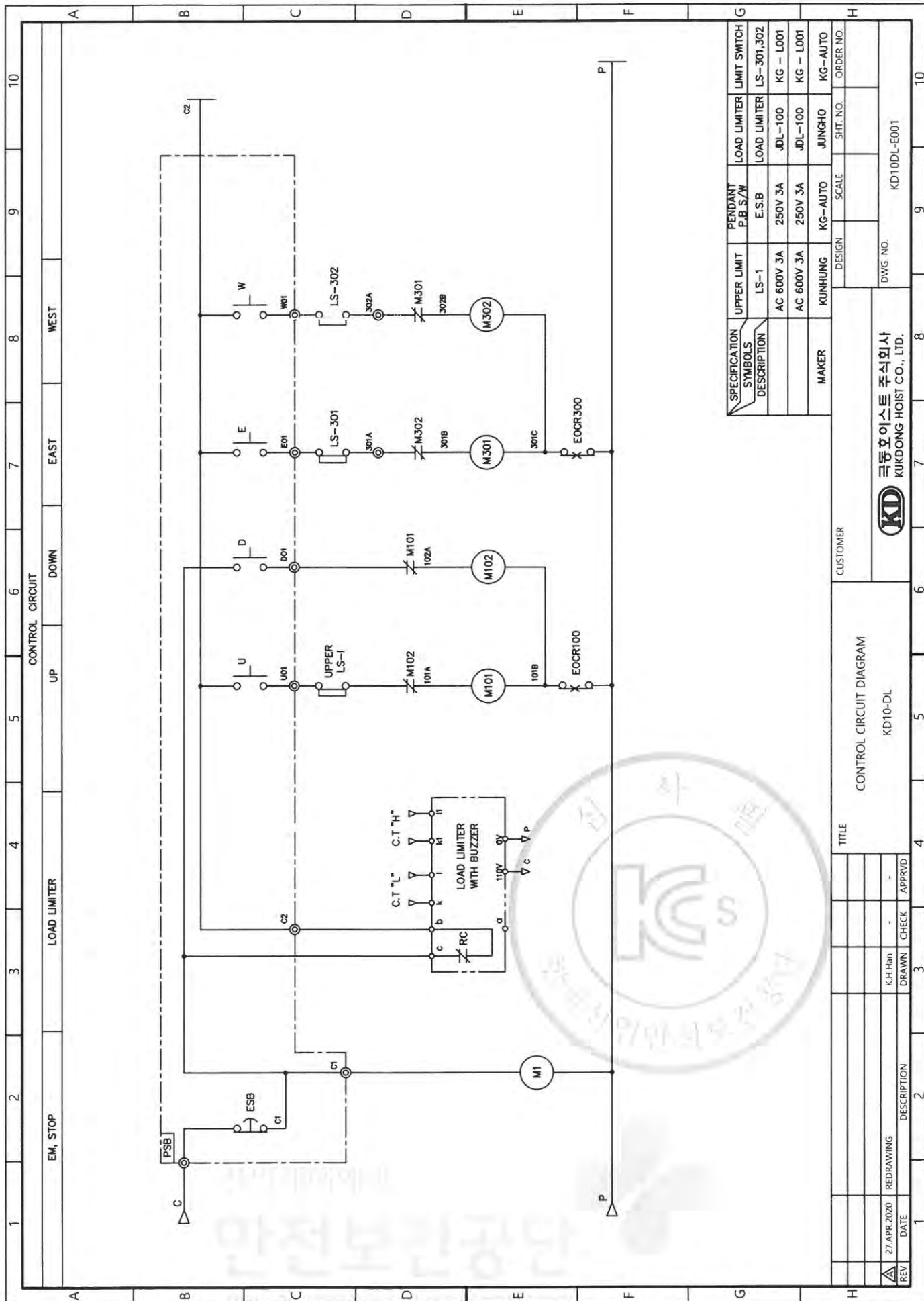


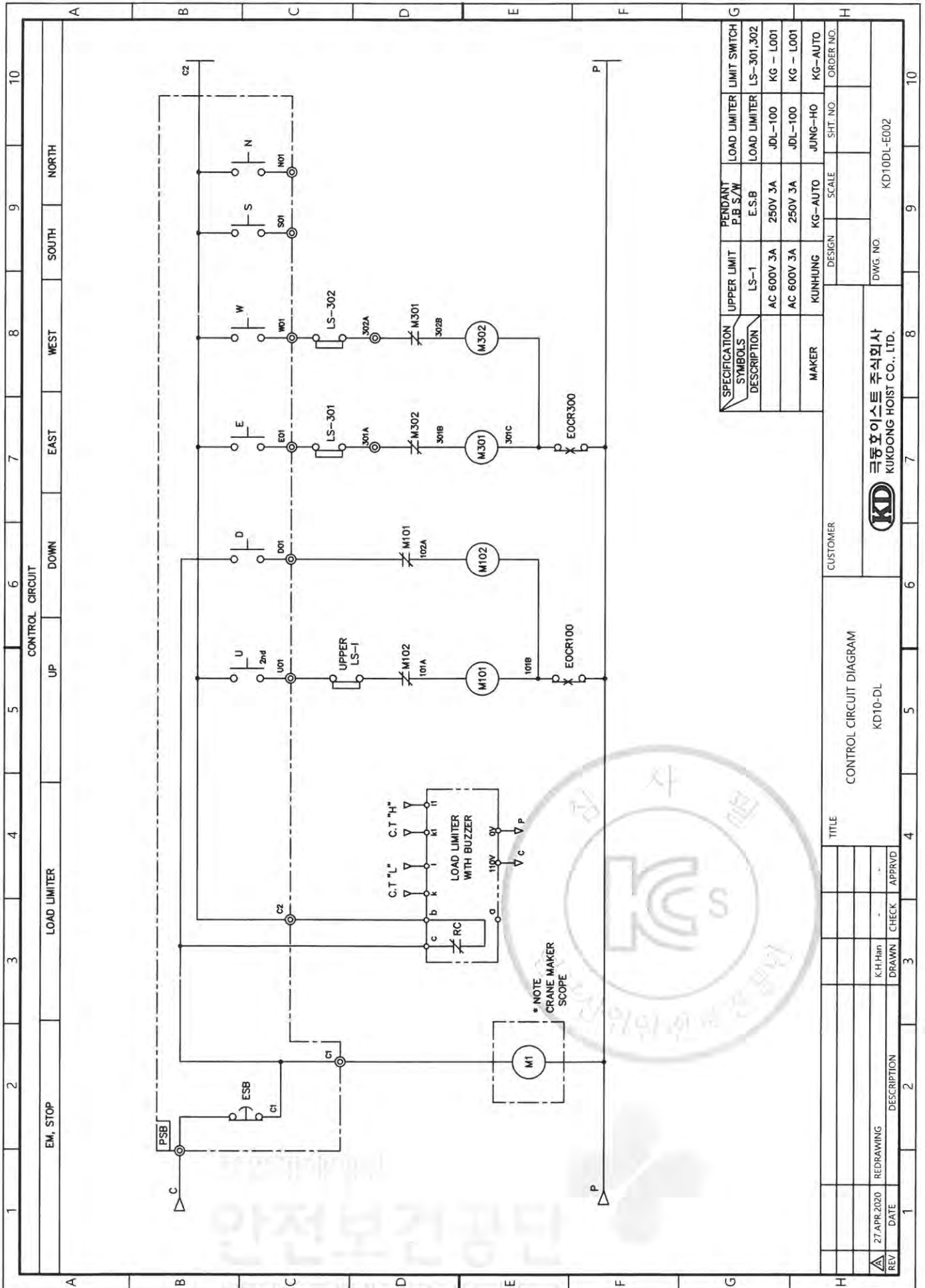
HOISTING MOTION

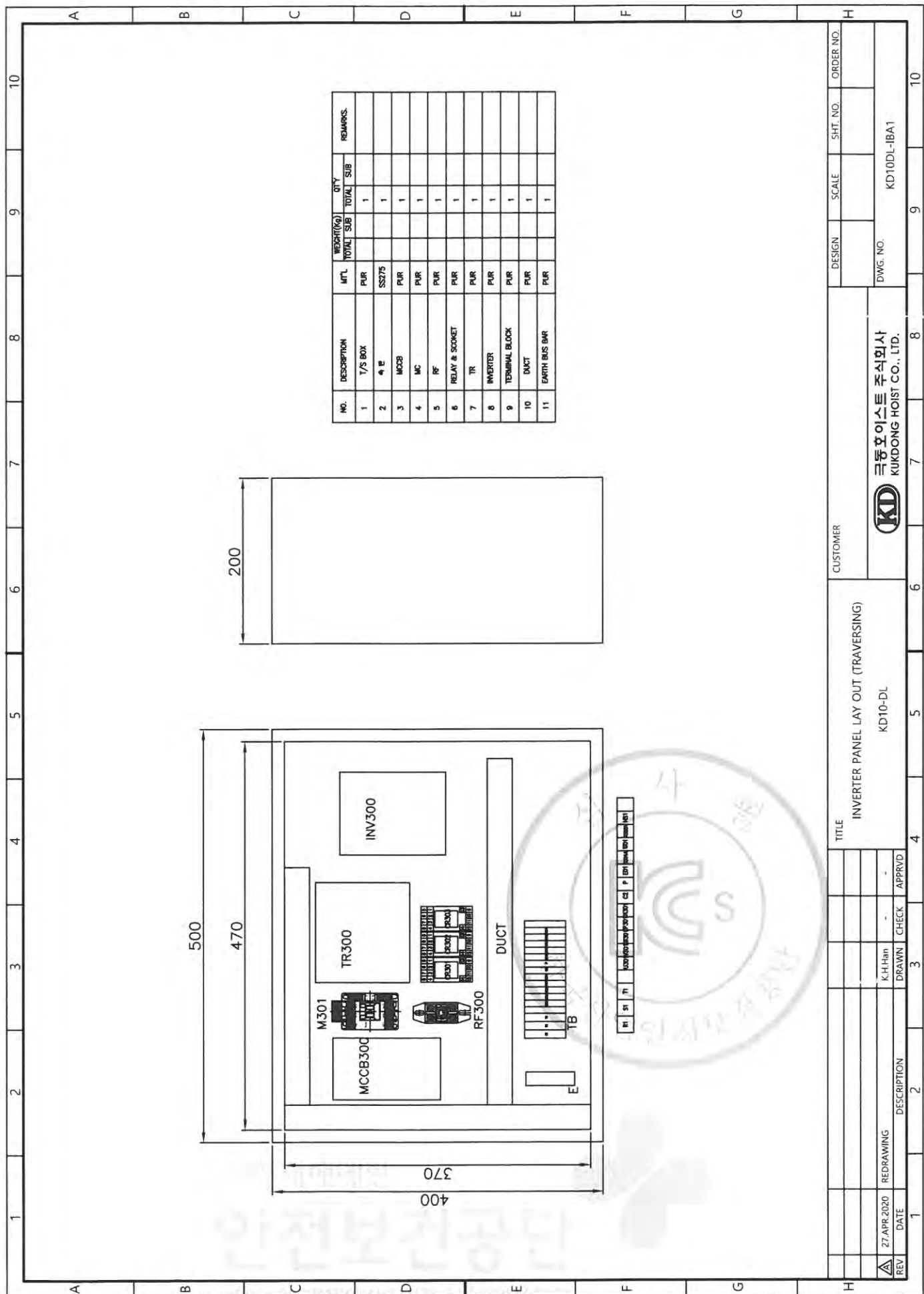
TRAVERSING MOTION

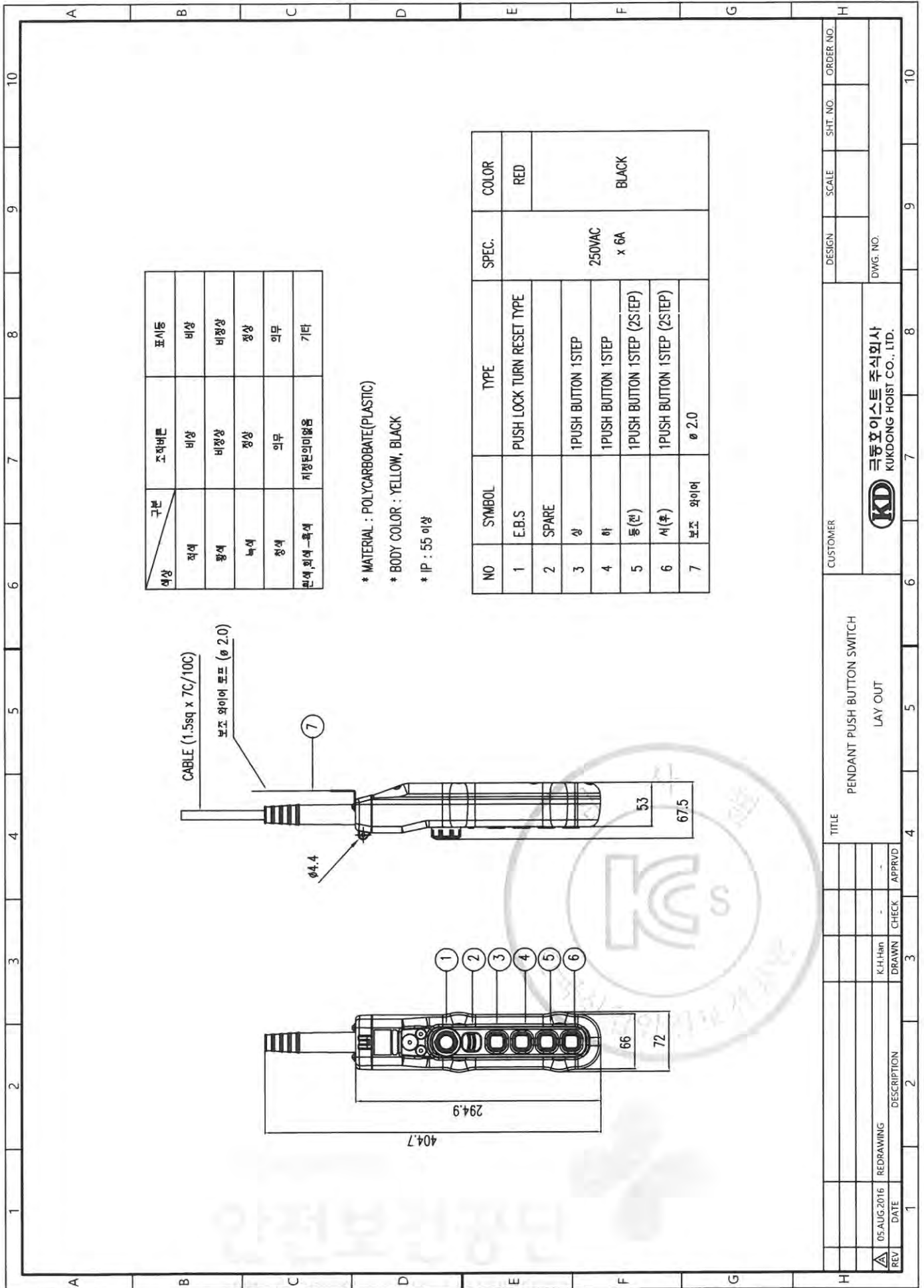
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불법복제 및 배포금지

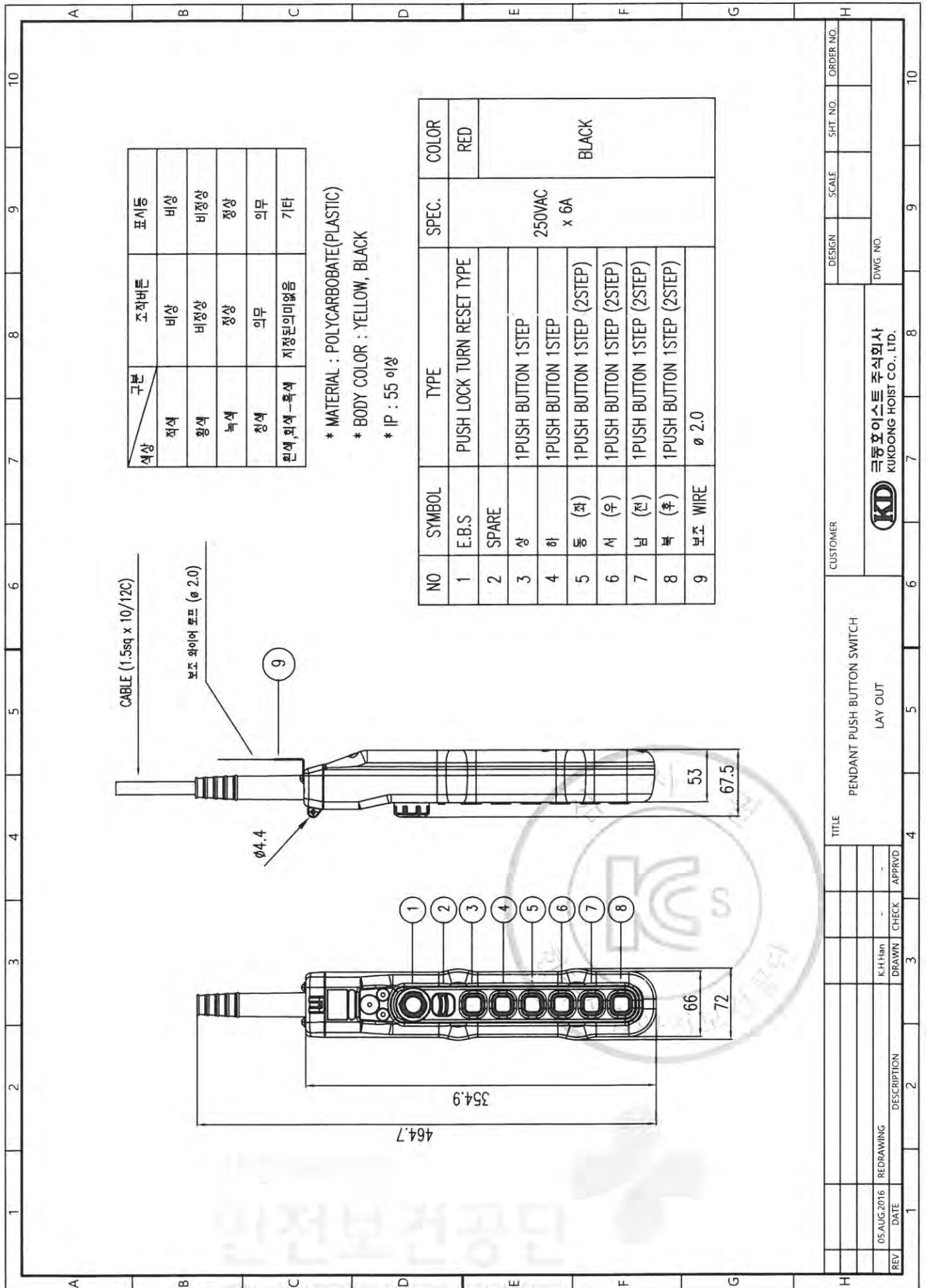








REV		DATE		DESCRIPTION		DRAWN		CHECK		APPRVD		TITLE		CUSTOMER		DESIGN		SCALE		SHT. NO.		ORDER NO.	
A		05.AUG.2016		REDRAWING		K.H.Han						PENDANT PUSH BUTTON SWITCH LAY OUT		크동호이스트 주식회사 KUKDONG HOIST CO., LTD.									



REV		DATE	DESCRIPTION	DRAWING		CHECK		APPROV		TITLE		CUSTOMER		DESIGN		SCALE		SHT NO.		ORDER NO.	
05.AUG.2016		REDRAWING		K.H.Han		-		-		PENDANT PUSH BUTTON SWITCH LAY OUT		KUDONG HOIST CO., LTD.		DWG. NO.							
1		2		3		4		5		6		7		8		9		10			

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	
10 TON	6.0KW x 12P	45.5 A	1 DRAVE	SS-60	3 SEC	1 SEC	50.1 A	
	9.0KW x 8P	45.0 A	1 DRAVE	SS-60	3 SEC	1 SEC	49.5 A	
15 TON	8.5KW x 12P	58.6 A	1 DRAVE	SS-100	3 SEC	1 SEC	64.5 A	
	13KW x 8P	59.0 A	1 DRAVE	SS-100	3 SEC	1 SEC	64.9 A	
	17KW x 6P	72.0 A	1 DRAVE	SS-100	3 SEC	1 SEC	79.2 A	
	11.5KW x 12P	70.8 A	1 DRAVE	SS-100	3 SEC	1 SEC	77.9 A	
20 TON	17KW x 8P	76.6 A	1 DRAVE	SS-100	3 SEC	1 SEC	84.3 A	
	23KW x 6P	93.2 A	1 DRAVE	SS-150	3 SEC	1 SEC	102.5 A	
30 TON	11.5KW x 12P	70.8 A	1 DRAVE	SS-100	3 SEC	1 SEC	77.9 A	
	17KW x 8P	76.6 A	1 DRAVE	SS-100	3 SEC	1 SEC	84.3 A	
	23KW x 6P	93.2 A	1 DRAVE	SS-150	3 SEC	1 SEC	102.5 A	
	33KW x 6P	126.6 A	1 DRAVE	SS-150	3 SEC	1 SEC	139.3 A	
40 TON	33KW x 6P	126.6 A	1 DRAVE	SS-150	3 SEC	1 SEC	139.3 A	
50 TON	33KW x 6P	126.6 A	1 DRAVE	SS-150	3 SEC	1 SEC	139.3 A	
60 TON	33KW x 6P	126.6 A	1 DRAVE	SS-150	3 SEC	1 SEC	139.3 A	
70 TON	33KW x 6P	126.6 A	1 DRAVE	SS-150	3 SEC	1 SEC	139.3 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

극동하이스트(주)

HOIST	MOTOR 용량	MOTOR 정격 전류	DRIVE TYPE	E.O.C.R TYPE	권고 SETTING 치			REMARK
					DELAY TIME	OPERATION TIME	CURRENT	
10 TON	6.0KW x 12P	26.6 A	1 DRAVE	SS-30	3 SEC	1 SEC	29.3 A	
	9.0KW x 8P	26.0 A	1 DRAVE	SS-30	3 SEC	1 SEC	28.6 A	
15 TON	8.5KW x 12P	33.9 A	1 DRAVE	SS-60	3 SEC	1 SEC	37.3 A	
	13KW x 8P	34.2 A	1 DRAVE	SS-60	3 SEC	1 SEC	37.6 A	
	17KW x 6P	41.2 A	1 DRAVE	SS-60	3 SEC	1 SEC	45.3 A	
20 TON	11.5KW x 12P	41.0 A	1 DRAVE	SS-60	3 SEC	1 SEC	45.1 A	
	17KW x 8P	44.3 A	1 DRAVE	SS-60	3 SEC	1 SEC	48.7 A	
	23KW x 6P	54.0 A	1 DRAVE	SS-60	3 SEC	1 SEC	59.4 A	
30 TON	11.5KW x 12P	41.0 A	1 DRAVE	SS-60	3 SEC	1 SEC	45.1 A	
	17KW x 8P	43.3 A	1 DRAVE	SS-60	3 SEC	1 SEC	47.6 A	
	23KW x 6P	54.0 A	1 DRAVE	SS-60	3 SEC	1 SEC	59.4 A	
35 TON	33KW x 6P	77.3 A	1 DRAVE	SS-100	3 SEC	1 SEC	85.0 A	
40 TON	33KW x 6P	77.3 A	1 DRAVE	SS-100	3 SEC	1 SEC	85.0 A	
50 TON	33KW x 6P	77.3 A	1 DRAVE	SS-100	3 SEC	1 SEC	85.0 A	
60 TON	33KW x 6P	77.3 A	1 DRAVE	SS-100	3 SEC	1 SEC	85.0 A	
70 TON	33KW x 6P	77.3 A	1 DRAVE	SS-100	3 SEC	1 SEC	85.0 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 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	
10 TON	6.0KW x 12P	22.7 A	1 DRAVE	SS-30	3 SEC	1 SEC	25.0 A	
	9.0KW x 8P	22.5 A	1 DRAVE	SS-30	3 SEC	1 SEC	24.8 A	
15 TON	8.5KW x 12P	29.3 A	1 DRAVE	SS-60	3 SEC	1 SEC	32.2 A	
	13KW x 8P	29.5 A	1 DRAVE	SS-60	3 SEC	1 SEC	32.5 A	
	17KW x 6P	36.0 A	1 DRAVE	SS-60	3 SEC	1 SEC	39.6 A	
20 TON	11.5KW x 12P	35.4 A	1 DRAVE	SS-60	3 SEC	1 SEC	38.9 A	
	17KW x 8P	38.3 A	1 DRAVE	SS-60	3 SEC	1 SEC	42.1 A	
	23KW x 6P	44.6 A	1 DRAVE	SS-60	3 SEC	1 SEC	49.1 A	
30 TON	11.5KW x 12P	35.4 A	1 DRAVE	SS-60	3 SEC	1 SEC	38.9 A	
	17KW x 8P	38.3 A	1 DRAVE	SS-60	3 SEC	1 SEC	42.1 A	
	23KW x 6P	44.6 A	1 DRAVE	SS-60	3 SEC	1 SEC	49.1 A	
35 TON	33KW x 6P	63.3 A	1 DRAVE	SS-100	3 SEC	1 SEC	69.6 A	
40 TON	33KW x 6P	63.3 A	1 DRAVE	SS-100	3 SEC	1 SEC	69.6 A	
50 TON	33KW x 6P	63.3 A	1 DRAVE	SS-100	3 SEC	1 SEC	69.6 A	
60 TON	33KW x 6P	63.3 A	1 DRAVE	SS-100	3 SEC	1 SEC	69.6 A	
70 TON	33KW x 6P	63.3 A	1 DRAVE	SS-100	3 SEC	1 SEC	69.6 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 460V 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	
10 TON	6.0KW x 12P	21.8 A	1 DRAVE	SS-30	3 SEC	1 SEC	24.0 A	
	9.0KW x 8P	21.5 A	1 DRAVE	SS-30	3 SEC	1 SEC	23.7 A	
15 TON	8.5KW x 12P	28.1 A	1 DRAVE	SS-60	3 SEC	1 SEC	30.9 A	
	13KW x 8P	28.4 A	1 DRAVE	SS-60	3 SEC	1 SEC	31.2 A	
	17KW x 6P	34.5 A	1 DRAVE	SS-60	3 SEC	1 SEC	38.0 A	
	11.5KW x 12P	33.9 A	1 DRAVE	SS-60	3 SEC	1 SEC	37.3 A	
20 TON	17KW x 8P	36.7 A	1 DRAVE	SS-60	3 SEC	1 SEC	40.4 A	
	23KW x 6P	44.5 A	1 DRAVE	SS-60	3 SEC	1 SEC	49.0 A	
	11.5KW x 12P	33.9 A	1 DRAVE	SS-60	3 SEC	1 SEC	37.3 A	
30 TON	17KW x 8P	36.7 A	1 DRAVE	SS-60	3 SEC	1 SEC	40.4 A	
	23KW x 6P	44.5 A	1 DRAVE	SS-60	3 SEC	1 SEC	49.0 A	
	11.5KW x 12P	33.9 A	1 DRAVE	SS-60	3 SEC	1 SEC	37.3 A	
35 TON	33KW x 6P	60.5 A	1 DRAVE	SS-100	3 SEC	1 SEC	66.6 A	
40 TON	33KW x 6P	60.5 A	1 DRAVE	SS-100	3 SEC	1 SEC	66.6 A	
50 TON	33KW x 6P	60.5 A	1 DRAVE	SS-100	3 SEC	1 SEC	66.6 A	
60 TON	33KW x 6P	60.5 A	1 DRAVE	SS-100	3 SEC	1 SEC	66.6 A	
70 TON	33KW x 6P	60.5 A	1 DRAVE	SS-100	3 SEC	1 SEC	66.6 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 3 ̸ 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	
10 TON	6.0KW x 12P	20.9 A	1 DRAVE	SS-30	3 SEC	1 SEC	23.0 A	
	9.0KW x 8P	20.6 A	1 DRAVE	SS-30	3 SEC	1 SEC	22.7 A	
15 TON	8.5KW x 12P	26.9 A	1 DRAVE	SS-30	3 SEC	1 SEC	29.6 A	
	13KW x 8P	27.2 A	1 DRAVE	SS-30	3 SEC	1 SEC	29.9 A	
	17KW x 6P	34.0 A	1 DRAVE	SS-60	3 SEC	1 SEC	37.4 A	
20 TON	11.5KW x 12P	32.5 A	1 DRAVE	SS-60	3 SEC	1 SEC	35.8 A	
	17KW x 8P	35.2 A	1 DRAVE	SS-60	3 SEC	1 SEC	38.7 A	
	23KW x 6P	42.6 A	1 DRAVE	SS-60	3 SEC	1 SEC	46.9 A	
30 TON	11.5KW x 12P	32.5 A	1 DRAVE	SS-60	3 SEC	1 SEC	35.8 A	
	17KW x 8P	35.2 A	1 DRAVE	SS-60	3 SEC	1 SEC	38.7 A	
	23KW x 6P	42.6 A	1 DRAVE	SS-60	3 SEC	1 SEC	46.9 A	
35 TON	33KW x 6P	58.0 A	1 DRAVE	SS-100	3 SEC	1 SEC	63.8 A	
40 TON	33KW x 6P	58.0 A	1 DRAVE	SS-100	3 SEC	1 SEC	63.8 A	
50 TON	33KW x 6P	58.0 A	1 DRAVE	SS-100	3 SEC	1 SEC	63.8 A	
60 TON	33KW x 6P	58.0 A	1 DRAVE	SS-100	3 SEC	1 SEC	63.8 A	
70 TON	33KW x 6P	58.0 A	1 DRAVE	SS-100	3 SEC	1 SEC	63.8 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 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%				
10 TON	6.0KW x 12P	110%	1 SEC	1 SEC	45.5 A	50.1 A	CT-2	K-K1, L-L1	5 V.A	
	9.0KW x 8P	110%	1 SEC	1 SEC	45.0 A	49.5 A	CT-2	K-K1, L-L1	5 V.A	
15 TON	8.5KW x 12P	110%	1 SEC	1 SEC	58.6 A	64.5 A	CT-2	K-K1, L-L1	5 V.A	
	13KW x 8P	110%	1 SEC	1 SEC	59.0 A	64.9 A	CT-2	K-K1, L-L1	5 V.A	
	17KW x 6P	110%	1 SEC	1 SEC	72.0 A	79.2 A	CT-2	K-K1, L-L1	5 V.A	
20 TON	11.5KW x 12P	110%	1 SEC	1 SEC	70.8 A	77.9 A	CT-2	K-K1, L-L1	5 V.A	
	17KW x 8P	110%	1 SEC	1 SEC	76.6 A	84.3 A	CT-2	K-K1, L-L1	5 V.A	
	23KW x 6P	110%	1 SEC	1 SEC	93.2 A	102.5 A	CT-2	K-K1, L-L1	5 V.A	
30 TON	11.5KW x 12P	110%	1 SEC	1 SEC	70.8 A	77.9 A	CT-2	K-K1, L-L1	5 V.A	
	17KW x 8P	110%	1 SEC	1 SEC	76.6 A	84.3 A	CT-2	K-K1, L-L1	5 V.A	
	23KW x 6P	110%	1 SEC	1 SEC	93.2 A	102.5 A	CT-2	K-K1, L-L1	5 V.A	
35 TON	33KW x 6P	110%	1 SEC	1 SEC	126.6 A	139.3 A	CT-2	K-K1, L-L1	5 V.A	
40 TON	33KW x 6P	110%	1 SEC	1 SEC	126.6 A	139.3 A	CT-2	K-K1, L-L1	5 V.A	
50 TON	33KW x 6P	110%	1 SEC	1 SEC	126.6 A	139.3 A	CT-2	K-K1, L-L1	5 V.A	
60 TON	33KW x 6P	110%	1 SEC	1 SEC	126.6 A	139.3 A	CT-2	K-K1, L-L1	5 V.A	
70 TON	33KW x 6P	110%	1 SEC	1 SEC	126.6 A	139.3 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%				
10 TON	6.0KW x 12P	110%	1 SEC	1 SEC	26.6 A	29.3 A	CT-2	K-K1, L-L1	5 V.A	
	9.0KW x 8P	110%	1 SEC	1 SEC	26.0 A	28.6 A	CT-2	K-K1, L-L1	5 V.A	
15 TON	8.5KW x 12P	110%	1 SEC	1 SEC	33.9 A	37.3 A	CT-2	K-K1, L-L1	5 V.A	
	13KW x 8P	110%	1 SEC	1 SEC	34.2 A	37.6 A	CT-2	K-K1, L-L1	5 V.A	
	17KW x 6P	110%	1 SEC	1 SEC	41.7 A	45.9 A	CT-2	K-K1, L-L1	5 V.A	
20 TON	11.5KW x 12P	110%	1 SEC	1 SEC	41.0 A	45.1 A	CT-2	K-K1, L-L1	5 V.A	
	17KW x 8P	110%	1 SEC	1 SEC	44.3 A	48.7 A	CT-2	K-K1, L-L1	5 V.A	
	23KW x 6P	110%	1 SEC	1 SEC	54.0 A	59.4 A	CT-2	K-K1, L-L1	5 V.A	
30 TON	11.5KW x 12P	110%	1 SEC	1 SEC	41.0 A	45.1 A	CT-2	K-K1, L-L1	5 V.A	
	17KW x 8P	110%	1 SEC	1 SEC	44.3 A	48.7 A	CT-2	K-K1, L-L1	5 V.A	
	23KW x 6P	110%	1 SEC	1 SEC	54.0 A	59.4 A	CT-2	K-K1, L-L1	5 V.A	
35 TON	33KW x 6P	110%	1 SEC	1 SEC	77.3 A	85.0 A	CT-2	K-K1, L-L1	5 V.A	
40 TON	33KW x 6P	110%	1 SEC	1 SEC	77.3 A	85.0 A	CT-2	K-K1, L-L1	5 V.A	
50 TON	33KW x 6P	110%	1 SEC	1 SEC	77.3 A	85.0 A	CT-2	K-K1, L-L1	5 V.A	
60 TON	33KW x 6P	110%	1 SEC	1 SEC	77.3 A	85.0 A	CT-2	K-K1, L-L1	5 V.A	
70 TON	33KW x 6P	110%	1 SEC	1 SEC	77.3 A	85.0 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.



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%				
10 TON	6.0KW x 12P	110%	1 SEC	1 SEC	22.7 A	25.0 A	CT-2	K-K1, L-L1	5 V.A	
	9.0KW x 8P	110%	1 SEC	1 SEC	22.5 A	24.8 A	CT-2	K-K1, L-L1	5 V.A	
15 TON	8.5KW x 12P	110%	1 SEC	1 SEC	29.3 A	32.2 A	CT-2	K-K1, L-L1	5 V.A	
	13KW x 8P	110%	1 SEC	1 SEC	29.5 A	32.5 A	CT-2	K-K1, L-L1	5 V.A	
20 TON	17KW x 6P	110%	1 SEC	1 SEC	36.0 A	39.6 A	CT-2	K-K1, L-L1	5 V.A	
	11.5KW x 12P	110%	1 SEC	1 SEC	35.4 A	38.9 A	CT-2	K-K1, L-L1	5 V.A	
30 TON	17KW x 8P	110%	1 SEC	1 SEC	38.3 A	42.1 A	CT-2	K-K1, L-L1	5 V.A	
	23KW x 6P	110%	1 SEC	1 SEC	46.6 A	51.3 A	CT-2	K-K1, L-L1	5 V.A	
35 TON	11.5KW x 12P	110%	1 SEC	1 SEC	35.4 A	38.9 A	CT-2	K-K1, L-L1	5 V.A	
	17KW x 8P	110%	1 SEC	1 SEC	38.3 A	42.1 A	CT-2	K-K1, L-L1	5 V.A	
40 TON	23KW x 6P	110%	1 SEC	1 SEC	46.6 A	51.3 A	CT-2	K-K1, L-L1	5 V.A	
	33KW x 6P	110%	1 SEC	1 SEC	63.6 A	70.0 A	CT-2	K-K1, L-L1	5 V.A	
50 TON	33KW x 6P	110%	1 SEC	1 SEC	63.6 A	70.0 A	CT-2	K-K1, L-L1	5 V.A	
	33KW x 6P	110%	1 SEC	1 SEC	63.6 A	70.0 A	CT-2	K-K1, L-L1	5 V.A	
60 TON	33KW x 6P	110%	1 SEC	1 SEC	63.6 A	70.0 A	CT-2	K-K1, L-L1	5 V.A	
	33KW x 6P	110%	1 SEC	1 SEC	63.6 A	70.0 A	CT-2	K-K1, L-L1	5 V.A	
70 TON	33KW x 6P	110%	1 SEC	1 SEC	63.6 A	70.0 A	CT-2	K-K1, L-L1	5 V.A	
	33KW x 6P	110%	1 SEC	1 SEC	63.6 A	70.0 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.

LOAD LIMITER 권고 SETTING치

* POWER SOURCE : AC 3Φ 460V 60Hz

극동호이스트(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%				
10 TON	6.0KW x 12P	110%	1 SEC	1 SEC	21.8 A	24.0 A	CT-2	K-K1, L-L1	5 V.A	
	9.0KW x 8P	110%	1 SEC	1 SEC	21.5 A	23.7 A	CT-2	K-K1, L-L1	5 V.A	
15 TON	8.5KW x 12P	110%	1 SEC	1 SEC	28.1 A	30.9 A	CT-2	K-K1, L-L1	5 V.A	
	13KW x 8P	110%	1 SEC	1 SEC	28.4 A	31.2 A	CT-2	K-K1, L-L1	5 V.A	
	17KW x 6P	110%	1 SEC	1 SEC	35.0 A	38.5 A	CT-2	K-K1, L-L1	5 V.A	
20 TON	11.5KW x 12P	110%	1 SEC	1 SEC	33.9 A	37.3 A	CT-2	K-K1, L-L1	5 V.A	
	17KW x 8P	110%	1 SEC	1 SEC	36.7 A	40.4 A	CT-2	K-K1, L-L1	5 V.A	
	23KW x 6P	110%	1 SEC	1 SEC	44.5 A	49.0 A	CT-2	K-K1, L-L1	5 V.A	
30 TON	11.5KW x 12P	110%	1 SEC	1 SEC	33.9 A	37.3 A	CT-2	K-K1, L-L1	5 V.A	
	17KW x 8P	110%	1 SEC	1 SEC	36.7 A	40.4 A	CT-2	K-K1, L-L1	5 V.A	
	23KW x 6P	110%	1 SEC	1 SEC	44.5 A	49.0 A	CT-2	K-K1, L-L1	5 V.A	
35 TON	33KW x 6P	110%	1 SEC	1 SEC	60.5 A	66.6 A	CT-2	K-K1, L-L1	5 V.A	
40 TON	33KW x 6P	110%	1 SEC	1 SEC	60.5 A	66.6 A	CT-2	K-K1, L-L1	5 V.A	
50 TON	33KW x 6P	110%	1 SEC	1 SEC	60.5 A	66.6 A	CT-2	K-K1, L-L1	5 V.A	
60 TON	33KW x 6P	110%	1 SEC	1 SEC	60.5 A	66.6 A	CT-2	K-K1, L-L1	5 V.A	
70 TON	33KW x 6P	110%	1 SEC	1 SEC	60.5 A	66.6 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 480V 60Hz

극동호이스트(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%				
10 TON	6.0KW x 12P	110%	1 SEC	1 SEC	20.9 A	23.0 A	CT-2	K-K1, L-L1	5 V.A	
	9.0KW x 8P	110%	1 SEC	1 SEC	20.6 A	22.7 A	CT-2	K-K1, L-L1	5 V.A	
15 TON	8.5KW x 12P	110%	1 SEC	1 SEC	26.9 A	29.6 A	CT-2	K-K1, L-L1	5 V.A	
	13KW x 8P	110%	1 SEC	1 SEC	27.2 A	29.9 A	CT-2	K-K1, L-L1	5 V.A	
	17KW x 6P	110%	1 SEC	1 SEC	34.0 A	37.4 A	CT-2	K-K1, L-L1	5 V.A	
20 TON	11.5KW x 12P	110%	1 SEC	1 SEC	32.5 A	35.8 A	CT-2	K-K1, L-L1	5 V.A	
	17KW x 8P	110%	1 SEC	1 SEC	35.2 A	38.7 A	CT-2	K-K1, L-L1	5 V.A	
30 TON	23KW x 6P	110%	1 SEC	1 SEC	42.6 A	46.9 A	CT-2	K-K1, L-L1	5 V.A	
	11.5KW x 12P	110%	1 SEC	1 SEC	32.5 A	35.8 A	CT-2	K-K1, L-L1	5 V.A	
	17KW x 8P	110%	1 SEC	1 SEC	35.2 A	38.7 A	CT-2	K-K1, L-L1	5 V.A	
35 TON	23KW x 6P	110%	1 SEC	1 SEC	42.6 A	46.9 A	CT-2	K-K1, L-L1	5 V.A	
	33KW x 6P	110%	1 SEC	1 SEC	58.0 A	63.8 A	CT-2	K-K1, L-L1	5 V.A	
40 TON	33KW x 6P	110%	1 SEC	1 SEC	58.0 A	63.8 A	CT-2	K-K1, L-L1	5 V.A	
50 TON	33KW x 6P	110%	1 SEC	1 SEC	58.0 A	63.8 A	CT-2	K-K1, L-L1	5 V.A	
60 TON	33KW x 6P	110%	1 SEC	1 SEC	58.0 A	63.8 A	CT-2	K-K1, L-L1	5 V.A	
70 TON	33KW x 6P	110%	1 SEC	1 SEC	58.0 A	63.8 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.



E.O.C.R 권고 SETTING 치

* POWER SOURCE : AC3Φ 220V 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	2.0 A	1 DRIVE	SS - 05	3 SEC	1 SEC	2.2 A	
		2DRIVE	SS - 05	3 SEC	1 SEC	4.4 A	
0.4KW 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	3.4 A	1 DRIVE	SS - 05	3 SEC	1 SEC	3.7 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	7.5 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 A	1 DRIVE	SS - 05	3 SEC	1 SEC	5.3 A	
			SS - 05	3 SEC	1 SEC	10.6 A	
	/4.25 A	2 DRIVE	SS - 30	3 SEC	1 SEC	10.6 A	
			SS - 30	3 SEC	1 SEC	21.1 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

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	1.6 A	1 DRIVE	SS - 05	3 SEC	1 SEC	1.8 A	
		2DRIVE	SS - 05	3 SEC	1 SEC	3.5 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	2.5 A	
		2DRIVE	SS - 05	3 SEC	1 SEC	5.3 A	
1.0KW x 6P	3.9 A	1 DRIVE	SS - 05	3 SEC	1 SEC	4.3 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	8.6 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	2.8 A	1 DRIVE	SS - 05	3 SEC	1 SEC	3.1 A	
			SS - 05	3 SEC	1 SEC	6.1 A	
	/2.63 A	2 DRIVE	SS - 30	3 SEC	1 SEC	6.1 A	
			SS - 30	3 SEC	1 SEC	12.2 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	

극동호이스트 (주)

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

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	1.0 A	1 DRIVE	SS - 05	3 SEC	1 SEC	1.1 A	
		2DRIVE	SS - 05	3 SEC	1 SEC	2.2 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	1.7 A	1 DRIVE	SS - 05	3 SEC	1 SEC	1.9 A	
		2DRIVE	SS - 05	3 SEC	1 SEC	3.7 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	3.3 A	1 DRIVE	SS - 05	3 SEC	1 SEC	3.6 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 A	1 DRIVE	SS - 05	3 SEC	1 SEC	2.6 A	
			SS - 05	3 SEC	1 SEC	5.3 A	
	/2.27 A	2 DRIVE	SS - 05	3 SEC	1 SEC	5.3 A	
			SS - 05	3 SEC	1 SEC	10.6 A	
2.2KW x 6P	6.0 A	1 DRIVE	SS - 30	3 SEC	1 SEC	6.6 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	13.2 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	1.0 A	1 DRIVE	SS - 05	3 SEC	1 SEC	1.1 A	
		2DRIVE	SS - 05	3 SEC	1 SEC	2.2 A	
0.4KW x 4P	1.3 A	1 DRIVE	SS - 05	3 SEC	1 SEC	1.4 A	
		2DRIVE	SS - 05	3 SEC	1 SEC	2.9 A	
0.5KW x 6P	1.7 A	1 DRIVE	SS - 05	3 SEC	1 SEC	1.9 A	
		2DRIVE	SS - 05	3 SEC	1 SEC	3.7 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	3.6 A	1 DRIVE	SS - 05	3 SEC	1 SEC	4.0 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	7.9 A	
2.2KW x 4P	4.8 A	1 DRIVE	SS - 05	3 SEC	1 SEC	5.3 A	
		2 DRIVE	SS - 30	3 SEC	1 SEC	10.6 A	
0.8/0.4KW x 4/8P	2.3 A /2.15 A	1 DRIVE	SS - 05	3 SEC	1 SEC	2.5 A	
		2 DRIVE	SS - 05	3 SEC	1 SEC	5.1 A	
2.2KW x 6P	4.8 A	1 DRIVE	SS - 05	3 SEC	1 SEC	5.1 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	10.1 A	
3.7KW x 4P	7.7 A	1 DRIVE	SS - 30	3 SEC	1 SEC	5.3 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	10.6 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

극동호아스트 (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	0.9 A	1 DRIVE	SS - 05	3 SEC	1 SEC	1.0 A	
		2DRIVE	SS - 05	3 SEC	1 SEC	2.0 A	
0.4KW x 4P	1.2 A	1 DRIVE	SS - 05	3 SEC	1 SEC	1.3 A	
		2DRIVE	SS - 05	3 SEC	1 SEC	2.6 A	
0.5KW 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	
0.75KW 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	6.8 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	3.5 A	1 DRIVE	SS - 05	3 SEC	1 SEC	3.9 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	7.7 A	
2.2KW x 4P	4.6 A	1 DRIVE	SS - 05	3 SEC	1 SEC	5.1 A	
		2 DRIVE	SS - 30	3 SEC	1 SEC	10.1 A	
0.8/0.4KW x 4/8P	2.2 A / 2.05 A	1 DRIVE	SS - 05	3 SEC	1 SEC	2.4 A	
		2 DRIVE	SS - 05	3 SEC	1 SEC	4.9 A	
2.2KW x 6P	4.6 A	1 DRIVE	SS - 05	3 SEC	1 SEC	5.1 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	10.1 A	
3.7KW 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	

NOTE

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

THREE PHASE INDUCTION MOTOR DATA SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	HOISTING
2. MANUFACTURE	극동 호이스트 (주)
3. FRAME NUMBER	160 L
4. RATED POWER	9.0 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	825 RPM
11. FULL LOAD CURRENT	45.0 A
12. STARTING CURRENT AT RATED VOLTAGE	213 A
13. MINIMUM STARTING VOLTAGE	198 V
14. EFFICIENCY AT 100% RATED LOAD	79.5 %
15. POWER FACTOR AT 100% RATED LOAD	66.4 %
16. STARTING TORQUE	15.9 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6309zz OPL : 6308zz
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	160 L
4. RATED POWER	9.0 KW x 8 P
5. RATED VOLTAGE AND FREQUENCY	380 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATING	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	825 RPM
11. FULL LOAD CURRENT	26.0 A
12. STARTING CURRENT AT RATED VOLTAGE	122.9 A
13. MINIMUM STARTING VOLTAGE	342 V
14. EFFICIENCY AT 100% RATED LOAD	79.5 %
15. POWER FACTOR AT 100% RATED LOAD	66.4 %
16. STARTING TORQUE	15.9 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6309zz OPL : 6308zz
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	160 L
4. RATED POWER	9.0 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	825 RPM
11. FULL LOAD CURRENT	22.5 A
12. STARTING CURRENT AT RATED VOLTAGE	106.0 A
13. MINIMUM STARTING VOLTAGE	396 V
14. EFFICIENCY AT 100% RATED LOAD	79.5 %
15. POWER FACTOR AT 100% RATED LOAD	66.4 %
16. STARTING TORQUE	15.9 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6309zz OPL : 6308zz
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	160 L
4. RATED POWER	9.0 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	825 RPM
11. FULL LOAD CURRENT	21.5 A
12. STARTING CURRENT AT RATED VOLTAGE	102.2 A
13. MINIMUM STARTING VOLTAGE	414 V
14. EFFICIENCY AT 100% RATED LOAD	79.5 %
15. POWER FACTOR AT 100% RATED LOAD	66.4 %
16. STARTING TORQUE	15.9 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6309zz OPL : 6308zz
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	160 L
4. RATED POWER	9.0 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	825 RPM
11. FULL LOAD CURRENT	20.6 A
12. STARTING CURRENT AT RATED VOLTAGE	97.97 A
13. MINIMUM STARTING VOLTAGE	432 V
14. EFFICIENCY AT 100% RATED LOAD	79.5 %
15. POWER FACTOR AT 100% RATED LOAD	66.4 %
16. STARTING TORQUE	15.9 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6309zz OPL : 6308zz
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	6.0 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	45.4 A
12. STARTING CURRENT AT RATED VOLTAGE	192.8 A
13. MINIMUM STARTING VOLTAGE	198 V
14. EFFICIENCY AT 100% RATED LOAD	76.0 %
15. POWER FACTOR AT 100% RATED LOAD	45.5 %
16. STARTING TORQUE	15.9 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6311zz OPL : 6310zz
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	6.0 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	26.3 A
12. STARTING CURRENT AT RATED VOLTAGE	11.62 A
13. MINIMUM STARTING VOLTAGE	342 V
14. EFFICIENCY AT 100% RATED LOAD	76.0 %
15. POWER FACTOR AT 100% RATED LOAD	45.5 %
16. STARTING TORQUE	15.9 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6311zz OPL : 6310zz
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	6.0 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	22.7 A
12. STARTING CURRENT AT RATED VOLTAGE	96.4 A
13. MINIMUM STARTING VOLTAGE	396 V
14. EFFICIENCY AT 100% RATED LOAD	76.0 %
15. POWER FACTOR AT 100% RATED LOAD	45.5 %
16. STARTING TORQUE	15.9 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6311zz OPL : 6310zz
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	6.0 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	21.8 A
12. STARTING CURRENT AT RATED VOLTAGE	92.12 A
13. MINIMUM STARTING VOLTAGE	414 V
14. EFFICIENCY AT 100% RATED LOAD	76.0 %
15. POWER FACTOR AT 100% RATED LOAD	45.5 %
16. STARTING TORQUE	15.9 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6311zz OPL : 6310zz
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	6.0 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	20.9 A
12. STARTING CURRENT AT RATED VOLTAGE	88.36 A
13. MINIMUM STARTING VOLTAGE	432 V
14. EFFICIENCY AT 100% RATED LOAD	76.0 %
15. POWER FACTOR AT 100% RATED LOAD	45.5 %
16. STARTING TORQUE	15.9 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6311zz OPL : 6310zz
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	90 S
4. RATED POWER	0.75 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	1760 RPM
11. FULL LOAD CURRENT	4.1 A
12. STARTING CURRENT AT RATED VOLTAGE	22.1 A
13. MINIMUM STARTING VOLTAGE	198 V
14. EFFICIENCY AT 100% RATED LOAD	66.0 %
15. POWER FACTOR AT 100% RATED LOAD	73.5 %
16. STARTING TORQUE	1.02 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	90 S
4. RATED POWER	0.75 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	1760 RPM
11. FULL LOAD CURRENT	2.4 A
12. STARTING CURRENT AT RATED VOLTAGE	13.5 A
13. MINIMUM STARTING VOLTAGE	342 V
14. EFFICIENCY AT 100% RATED LOAD	67.0 %
15. POWER FACTOR AT 100% RATED LOAD	69.5 %
16. STARTING TORQUE	0.85 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	90 S
4. RATED POWER	0.75 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	1760 RPM
11. FULL LOAD CURRENT	2.0 A
12. STARTING CURRENT AT RATED VOLTAGE	11.1 A
13. MINIMUM STARTING VOLTAGE	396 V
14. EFFICIENCY AT 100% RATED LOAD	67.0 %
15. POWER FACTOR AT 100% RATED LOAD	73.5 %
16. STARTING TORQUE	1.02 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	90 S
4. RATED POWER	0.75 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	1760 RPM
11. FULL LOAD CURRENT	2.0 A
12. STARTING CURRENT AT RATED VOLTAGE	10.6 A
13. MINIMUM STARTING VOLTAGE	414 V
14. EFFICIENCY AT 100% RATED LOAD	66.0 %
15. POWER FACTOR AT 100% RATED LOAD	73.5 %
16. STARTING TORQUE	1.02 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	90 5
4. RATED POWER	0.75 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	1760 RPM
11. FULL LOAD CURRENT	1.9 A
12. STARTING CURRENT AT RATED VOLTAGE	10.2 A
13. MINIMUM STARTING VOLTAGE	432 V
14. EFFICIENCY AT 100% RATED LOAD	66.0 %
15. POWER FACTOR AT 100% RATED LOAD	73.5 %
16. STARTING TORQUE	1.02 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	90 S
4. RATED POWER	0.5 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	1160 RPM
11. FULL LOAD CURRENT	3.4 A
12. STARTING CURRENT AT RATED VOLTAGE	16.4 A
13. MINIMUM STARTING VOLTAGE	198 V
14. EFFICIENCY AT 100% RATED LOAD	64.0 %
15. POWER FACTOR AT 100% RATED LOAD	59.5 %
16. STARTING TORQUE	0.80 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	90 S
4. RATED POWER	0.5 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	1160 RPM
11. FULL LOAD CURRENT	2.0 A
12. STARTING CURRENT AT RATED VOLTAGE	9.5 A
13. MINIMUM STARTING VOLTAGE	342 V
14. EFFICIENCY AT 100% RATED LOAD	64.0 %
15. POWER FACTOR AT 100% RATED LOAD	59.5 %
16. STARTING TORQUE	0.80 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	90 S
4. RATED POWER	0.5 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	1160 RPM
11. FULL LOAD CURRENT	1.7 A
12. STARTING CURRENT AT RATED VOLTAGE	8.2 A
13. MINIMUM STARTING VOLTAGE	396 V
14. EFFICIENCY AT 100% RATED LOAD	64.0 %
15. POWER FACTOR AT 100% RATED LOAD	59.5 %
16. STARTING TORQUE	0.80 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
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THREE PHASE INDUCTION MOTOR DATA SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING
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3. FRAME NUMBER	90 S
4. RATED POWER	0.5 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	1160 RPM
11. FULL LOAD CURRENT	1.7 A
12. STARTING CURRENT AT RATED VOLTAGE	7.9 A
13. MINIMUM STARTING VOLTAGE	414 V
14. EFFICIENCY AT 100% RATED LOAD	64.0 %
15. POWER FACTOR AT 100% RATED LOAD	59.5 %
16. STARTING TORQUE	0.80 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
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THREE PHASE INDUCTION MOTOR DATA SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING
2. MANUFACTURE	극동 호이스트 (주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.5 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	1160 RPM
11. FULL LOAD CURRENT	1.6 A
12. STARTING CURRENT AT RATED VOLTAGE	7.5 A
13. MINIMUM STARTING VOLTAGE	432 V
14. EFFICIENCY AT 100% RATED LOAD	64.0 %
15. POWER FACTOR AT 100% RATED LOAD	59.5 %
16. STARTING TORQUE	0.80 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
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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 : 201810-Do637-1

Reel/Coil No : 1 - 2

Purchaser : -

Date : 2018. 10. 10

P.O No : -

L/C No. : -

Invoice No : Do637-160

1. TYPE / GRADE

Construction : 6X37+FC

Diameter : 16 MM

Length : 1,000 MTRS X 2 R/L

Specification : KS D 3514

Coating : BRIGHT

Grade : 1,770

Lay : RHRL

Lubrication : A-2

2. ROPE TEST RESULTS

Items	Norminal or Specified	Actual
Diameter	16 MM	16.4 MM
Breaking Strength	145.0 KN	149 KN
Lay Length	- MM	107 MM
Preforming	Good	Good

3. WIRE TEST RESULTS

Items	Norminal or Specified	Actual
Diameter	0.72 MM	0.73 MM
Tensile Strength	1,770 N/MM2	1,833 N/MM2
Break Force	720 N	767 N
Torsion	27	40
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 97502	0.71	0.20	0.47	0.009	0.007

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 2Factory : 33, Sandan 4-gil, Seo-myeon, Suncheon-si Jeonnam-do, Korea

Quality Management Dept.



Handwritten Signature
Chief Inspector