



심사결과 통지서

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

안전인증대상 기계·기구명		호이스트 [동일형식 인정 - "별첨[4모델] 참조"]	
형 식 (규 격)	KDC2.8-D	용 량 (등 급)	2.8 Ton

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

함을 통지합니다.

2020년 08월 29일

인증심사원

이승태 정서영 공준성

이 승태

(서명 또는 인)

한국산업안전보건공단 이사장





제2022 - 2216707 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 _____

KDC2.8-D (2.8Ton) / 22-AH2AC-00037

_____ 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

2022년 07월 04일

한국산업안전보건공단 이사장



서 면 심 사 서 류

형식 번호 : KDC2.8-D

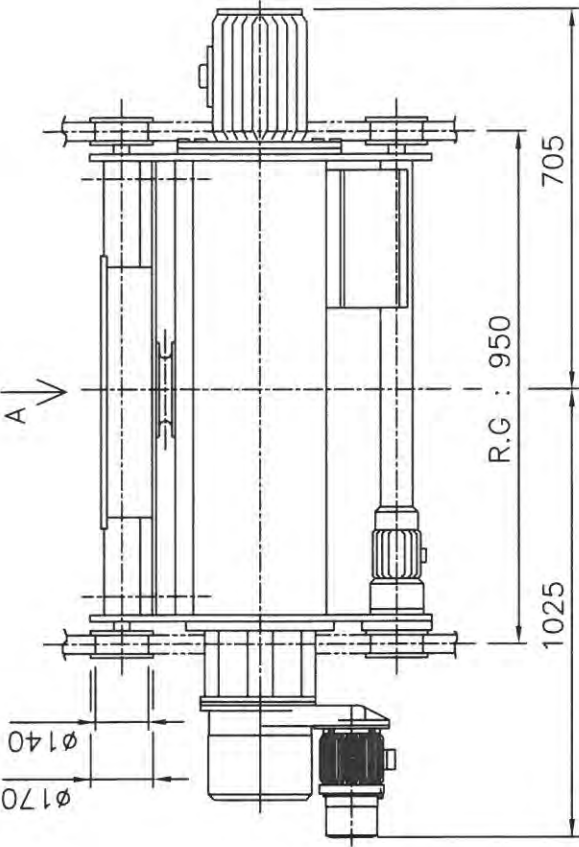
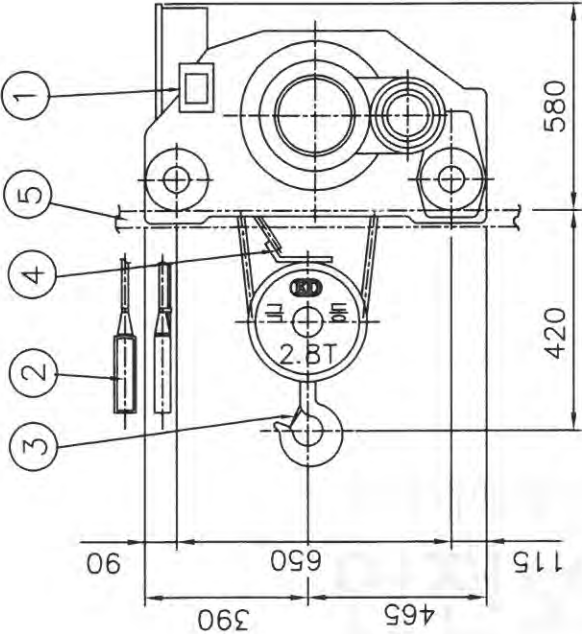
극 동 호 이 스톱 (주)



工場 : 경기도 안산시 단원구 해봉로 119 (성곡동)

電話 : 031) 491 - 5311

FAS : 031) 494 - 5315



극동호이스트
제한하중
2800 K

VIEW A

형식번호	KDC2.8-D
모델명	KDC2.8-L12-D

SPECIFICATION		2800 K	
RATED LOAD		2800	KG
TESTING LOAD		3500	KG
LIFT		12	M
RATING		30	MIN
HOISTING	SPEED	9 / 0.9	M/MIN
	MOTOR	5.0 / 1.5	KW x 4 P
TRAVERSING	SPEED	24 M/MIN (INVERTER : 2~24M/MIN)	
	MOTOR	0.75 KW x 4 P	
TRAVERSING	SPEED	16 M/MIN (INVERTER : 2~16M/MIN)	
	MOTOR	0.5 KW x 6 P	
WIRE ROPE		(6x36) ϕ 9 x 4 FALLS	
POWER SOURCE		AC3 ϕ 220V(380,440,460,480) 60Hz	
COLOR		10 B 3/5	
WEIGHT		590	KG



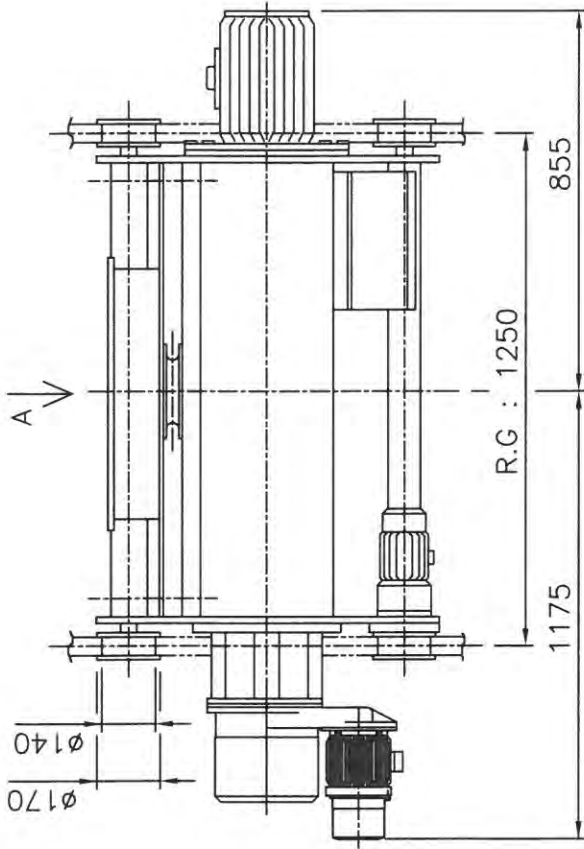
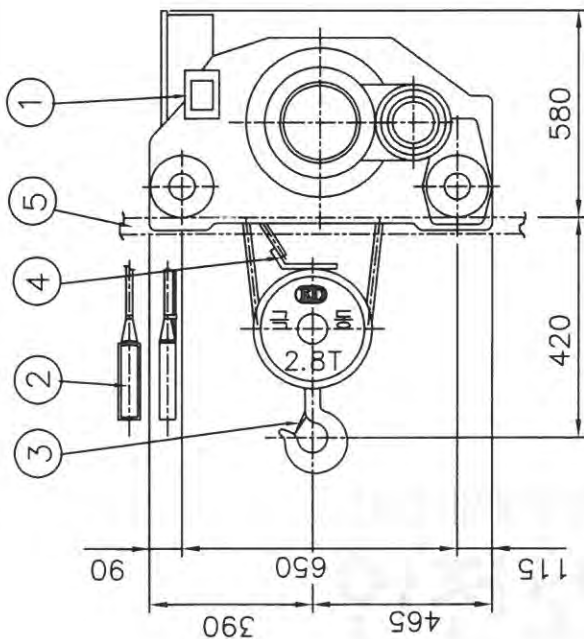
극동호이스트 주식회사
KUK DONG HOIST CO., LTD.

SHEET No.

DWG No.

KDC28D120

5	T/S RAIL	-	-	-	15KG/M	
4	UPPER LIMIT S/W	SS275	1			
3	SAFETY LATCH	SPC	1			
2	EMERGENCY S/W	-	1			
1	LOAD LIMITER	-	1			
NO.	DESCRIPTION	MT'L	SUB	TOTAL	REMARKS.	
			QTY	SUB		TOTAL
			WEIGHT(Kg)			
PROJECT	DATE				DIM	
TITLE	KDC2.8-L12-D				mm	
	ARRANGEMENT DRAWING FOR HOIST				PROJECTION	
DRAWN	DESIGNED	CHECKED	APPROVED	A3/20	3rd	
	REF. DRAWING					
 극동호이스트 주식회사 KUK DONG HOIST CO., LTD.			SHEET No.			DWG No.
						KDC28D120



극동호이스트
제한하중
2800 K

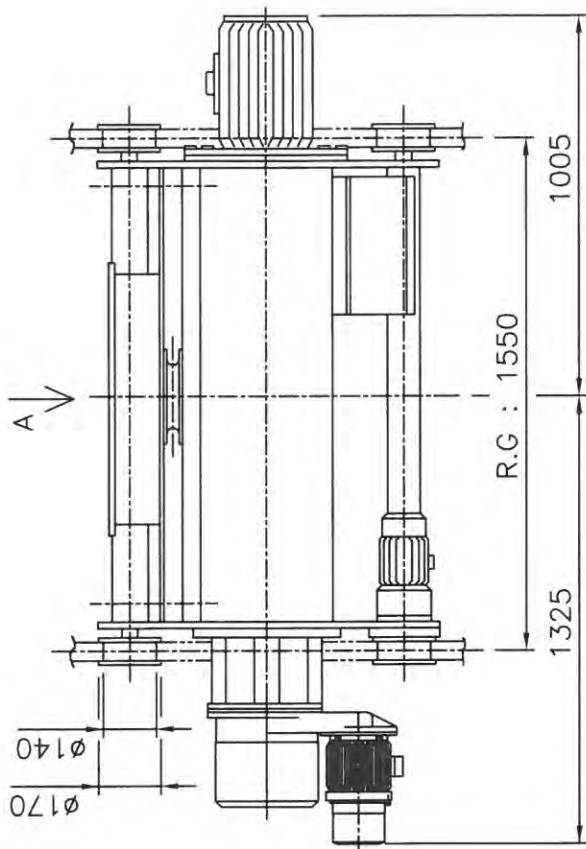
VIEW A

형식번호	KDC2.8-D
모델명	KDC2.8-L18-D

SPECIFICATION	
RATED LOAD	2800 KG
TESTING LOAD	3500 KG
LIFT	18 M
RATING	30 MIN
HOISTING	9 / 0.9 M/MIN
TRAVERSING	5.0 / 1.5 KW x 4 P
WIRE ROPE	(6x36) 18 x 4 FALLS
POWER SOURCE	AC3 220V(380,440,460,480) 60Hz
COLOR	10 B 3/5
WEIGHT	790 KG



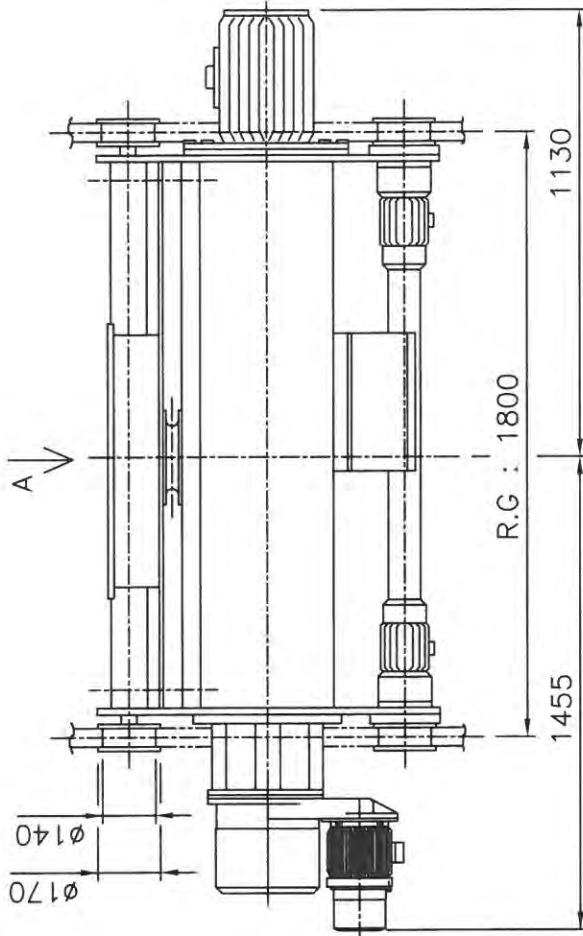
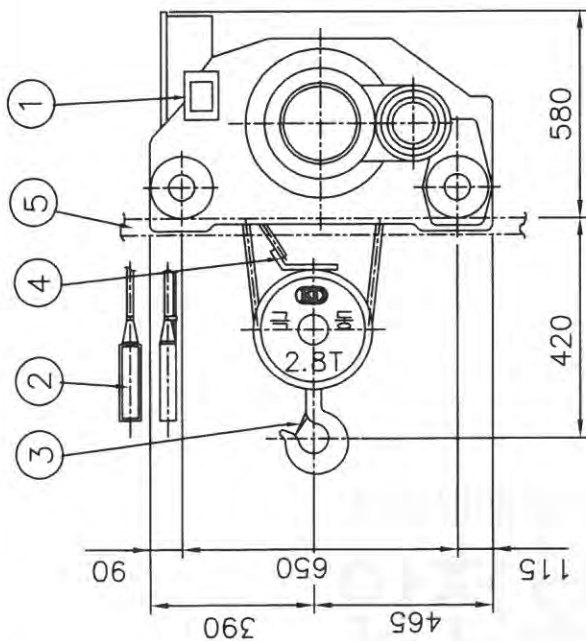
5	T/S RAIL	-	-	-	15KG/M
4	UPPER LIMIT S/W	SS275	1		
3	SAFETY LATCH	SPC	1		
2	EMERGENCY S/W	-	1		
1	LOAD LIMITER	-	1		
NO.	DESCRIPTION	MT'L	TOTAL QTY	SUB WEIGHT(Kg)	REMARKS.
PROJECT					
TITLE					
KDC2.8-L18-D					
ARRANGEMENT DRAWING FOR HOIST					
DRAWN					
DESIGNED					
CHECKED					
APPROVED					
REF. DRAWING					
DATE					
SCALE					
A3/20					
3rd					
SHEET No.					
DWG No.					
KDC28D180					



형식번호	KDC2.8-D
모 델명	KDC2.8-L24-D

SPECIFICATION		
RATED LOAD		2800 KG
TESTING LOAD		3500 KG
LIFT		24 M
RATING		30 MIN
HOISTING	SPEED	9 / 0.9 M/MIN
	MOTOR	5.0 / 1.5 KW x 4 P
TRAVERSING	SPEED	24 M/MIN (INVERTER : 2~24M/MIN)
	MOTOR	0.75 KW x 4 P
	SPEED	16 M/MIN (INVERTER : 2~16M/MIN)
	MOTOR	0.5 KW x 6 P
WIRE ROPE		(6x36) ø9 x 4 FALLS
POWER SOURCE		AC3ø 220V(380,440,460,480) 60Hz
COLOR		10 B 3/5
WEIGHT		990 KG

5	T/S RAIL	—	—	—	—	15KG/M	
4	UPPER LIMIT S/W	SS275	1				
3	SAFETY LATCH	SPC	1				
2	EMERGENCY S/W	—	1				
1	LOAD LIMITER	—	1				
NO.	DESCRIPTION	MT'L	SUB QTY	TOTAL	SUB WEIGHT(kg)	TOTAL	REMARKS.
PROJECT						DATE	DIM
							mm
TITLE	KDC2.8-L24-D ARRANGEMENT DRAWING FOR HOIST					SCALE	PROJECTION
						A3/20	3rd
DRAWN	DESIGNED	CHECKED	APPROVED	REF.	DRAWING		
 KID KUK DONG HOIST CO., LTD.			SHEET No.	DWG No.			KDC28D240



극동호이스트
제한하중
2800 K

VIEW A

형식번호	KDC2.8-D
모델명	KDC2.8-L30-D

SPECIFICATION	
RATED LOAD	2800 KG
TESTING LOAD	3500 KG
LIFT	30 M
RATING	30 MIN
HOISTING	SPEED MOTOR 9 / 0.9 M/MIN 5.0 / 1.5 KW x 4 P
TRAVERSING	SPEED HIGH MOTOR 24 M/MIN (INVERTER : 2~24M/MIN) 0.75 KW x 4 P (2UNITS)
	SPEED LOW MOTOR 16 M/MIN (INVERTER : 2~16M/MIN) 0.5 KW x 6 P (2UNITS)
WIRE ROPE	(6x36) Ø9 x 4 FALLS
POWER SOURCE	AC3Ø 220V(380,440,460,480) 60Hz
COLOR	10 B 3/5
WEIGHT	1190 KG



No.	DESCRIPTION	MT'L	TOTAL			REMARKS.
			QTY	SUB	WEIGHT(Kg)	
5	T/S RAIL	-	-	-	-	15KG/M
4	UPPER LIMIT S/W	SS275	1			
3	SAFETY LATCH	SPC	1			
2	EMERGENCY S/W	-	1			
1	LOAD LIMITER	-	1			
PROJECT						
TITLE			DATE		DIM	
DRAWN			SCALE		PROJECTION	
DESIGNED			ARRANGEMENT DRAWING FOR HOIST		3rd	
CHECKED			APPROVED		REF. DRAWING	
KDC2.8-L30-D			KDC28D300			
극동호이스트 주식회사			SHEET No.		DWG No.	
KUK DONG HOIST CO., LTD.					KDC28D300	

[illegible]

													
MK	DATE	REVISIONS	CHK.	APP.									
													
													
													
					CUSTOMER								
					DRAWING TITLE	SYMBOL LIST 2/2							
					DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.		
						극동호이스트 주식회사 KUK DONG HOIST CO., LTD.			NONE				
									DWG. NO		KDSM0002		

■ 보호본딩회로의 연속성 확인

시험전선의 최소유효 단면적(mm ²)	최고 전압 강하(V)
1.0	3.3
1.5	2.6
2.5	1.9
4.0	1.4
>6.0	1.0

- ① 보호본딩회로의 연속성의 검증은 PELV 전원(50/60Hz)에서 최소 10A 이상의 전류를 10 초 이상의 인가에 의한다.
시험은 PE 단자와 보호본딩회로의 여러 지점 사이에서 이루어진다.
- ② PE 단자와 시험 지점 사이에서 측정된 전압은(표 참조) 값을 초과해서는 아니 된다.

■ 절연저항 시험

전원선과 보호본딩선 사이를 직류 500V 로 측정된 절연저항 값은 1M Ω 이상이어야 한다.

■ 내전압 시험

- ① PELV 전압에서 작동되도록 설계된 전기장치의 회로를 제외한 모든 회로와 보호본딩회로의 전선 사이에 1 초 이상 지속되는 다음의 시험 전압에 견딜 수 있어야 한다.
- 장치의 정격전압의 두 배 또는 1,000V 중 큰 값의 전압
- ② 이 시험을 견딜 수 없도록 설계된 부품은 시험이 진행되기 전에 차단하여야 한다.

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	REMARK
		STATOR CURRENT	1st CABLE SIZE	STATOR CURRENT	1st CABLE SIZE	STATOR CURRENT	STATOR CURRENT	STATOR CURRENT	1st CABLE SIZE	
MAIN HOIST	5.0KW x 4P	23.00 A	6.0 sq	12.20 A	4.0 sq	10.5 A	10.0 A	9.6 A	4.0 sq	DC MAG. BRAKE
CREEP HOIST	1.5KW x 4P	7.30 A	2.5 sq	4.20 A	2.5 sq	3.7 A	3.5 A	3.4 A	2.5 sq	DC MAG. BRAKE
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
	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
CONTROL CIRCUIT		1 A	1.5 sq	0.5 A	1.5 sq	0.5 A	0.5 A	0.5 A	1.5 sq	
LIGHTING & ACC'Y CIRCUIT										
SUB TOTAL		28.10 A	10.0 sq	15.10 A	6.0 sq	13.00 A	12.50 A	12.00 A	4.0 sq	I(A)=M/H + T/S + ASS'Y

*. 위 계산은 LIFT 12M, 18M, 24M에 적용.

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	5.0KW x 4P	23.00 A	6.0 sq	12.20 A	4.0 sq	10.5 A	10.0 A	9.6 A	4.0 sq	DC MAG. BRAKE	
CREEP HOIST	1.5KW x 4P	7.30 A	2.5 sq	4.20 A	2.5 sq	3.7 A	3.5 A	3.4 A	2.5 sq	DC MAG. BRAKE	
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	2 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	2 DRIVE
CONTROL CIRCUIT		1 A	1.5 sq	0.5 A	1.5 sq	0.5 A	0.5 A	0.5 A	1.5 sq		
LIGHTING & ACC'Y CIRCUIT											
SUB TOTAL		32.20 A	10.0 sq	17.50 A	6.0 sq	15.00 A	14.50 A	13.90 A	4.0 sq	I(A)=M/H + T/S + ASS'Y	

* 위 계산은 LIFT 30M에 적용.

불법복제 및 배포금지



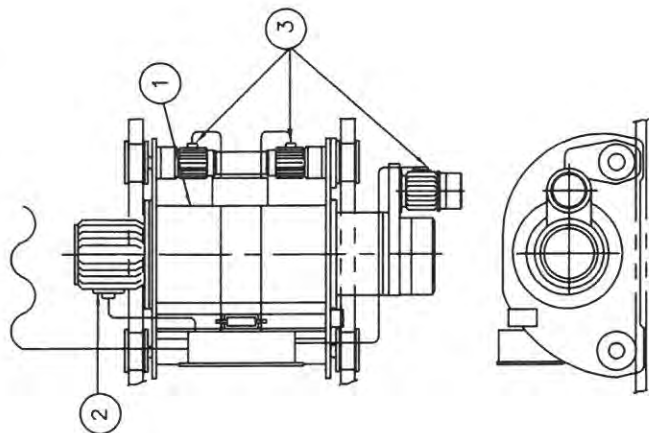
1. 전기장치 외합접지는 접지단자를 이용하여 설치해야 하며

- 1) 400볼트 미만일 때 100오을 이하일 것
 - 2) 400볼트 이상일 때 10오을 이하일 것
- 접지단자에는 다음중 하나의 방법으로 표기
- 1) 기호로 표현하는 경우: ⊕
 - 2) 문자로 표기하는 경우: PE
 - 3) 녹색 또는 녹색 및 황색 조합 접지선

1. 전기장비와 기계의 노출된 모든 도전부는 보호본딩회로에 연결되어야 하며 적절한 접지연속 기능이 유지되어야 함.
2. 보호본딩회로에는 개폐기, 과전류보호장치기 부착되지 않아야 한다.

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

△															
△															
△															
△															
MK	DATE	REVISIONS				CHK.	APP.								
									CUSTOMER						
									DRAWING TITLE	GROUND WIRE SYSTEM					



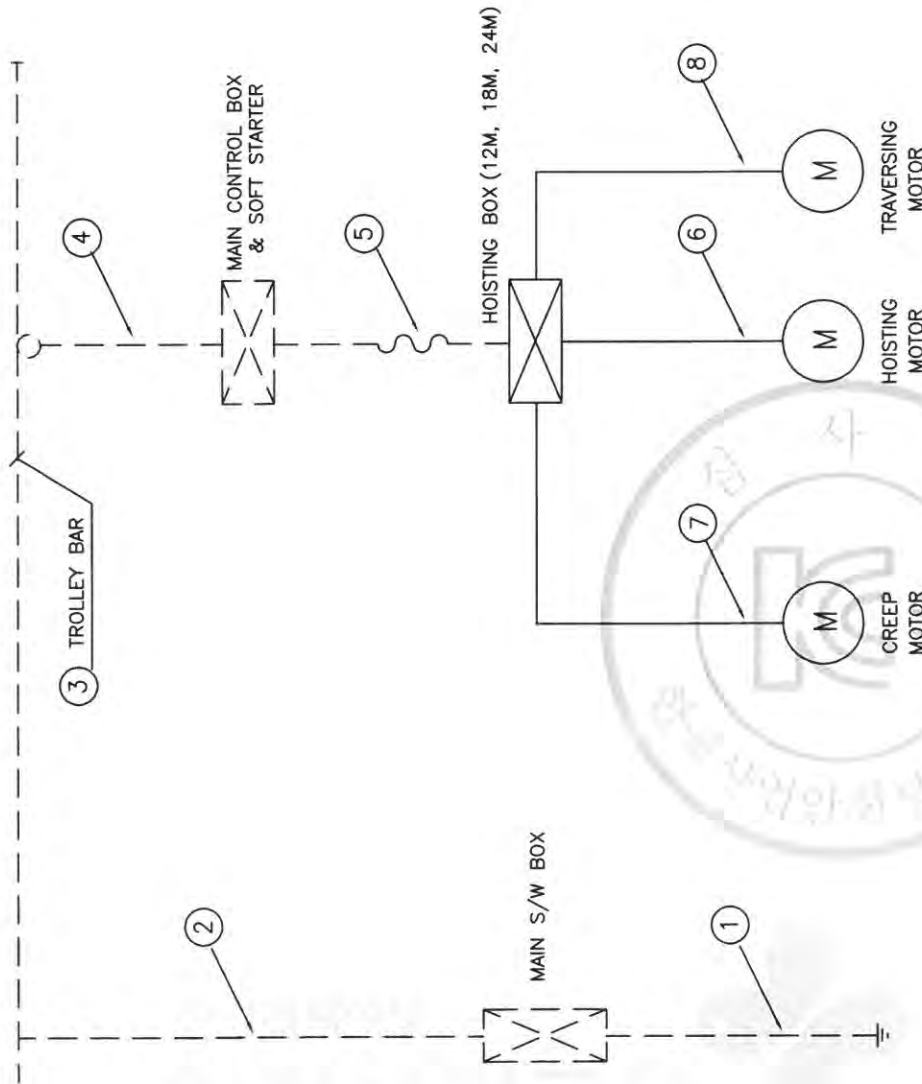
ELECTRIC WIRE ROPE HOIST	
MODEL	RATING
CAPACITY	LIFT
HOIST SPEED	kg /min
HOIST MOTOR	POWER SOURCE
TRAV.SPEED	V /Hz
TRAV.MOTOR	AMP.S R&T HOIST
	AMP.S R&T TRAV.
	WIRE ROPE
WIDTH OF RAIL	Ø
DATE	WEIGET
	mm
	SERIAL

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

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

[illegible]

— — —	USER SCOPE
—	KUKDONG SCOPE

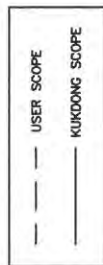
[illegible]

* CV CABLE 4C 중 1C는 EARTH로 사용함.

접지

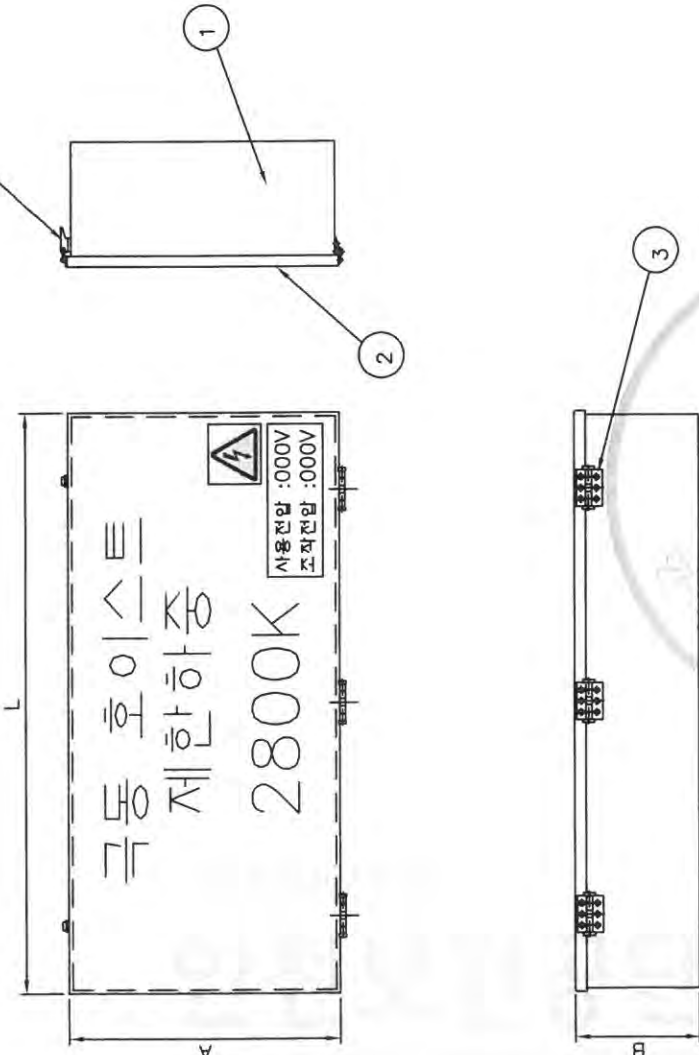
- 등전위접지

- | 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 |

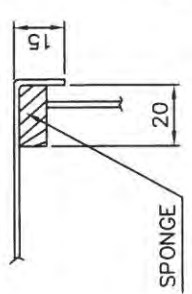


A					CUSTOMER	EARTH DETAILS DRAWING	DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.
A					DRAWING TITLE						NONE		
A													KDC28-EC002
MK	DATE	REVISIONS	CHK.	APP.									

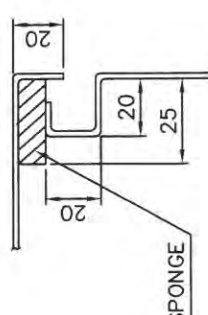
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
																			ADR'S NO.



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



IN DOOR



OUT DOOR

NOTE

1.PROTECTION DEGREE :
A, INDOOR TYPE : DUST PROOF
B, OUT DOOR TYPE : SPLASH PROOF

2.FINAL PAINTING COLOR (MANSELL NO.)
A. IN SIDE : 10B 3/5
B. OUT SIDE : 10B 3/5

3.PAINTING THICKNESS : ABOVE 40 um

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

5.제어용 전선 : 1.5sq KIV,HIV

6.외함 개방 구조는 다음과 같다.

1) 외함 개방시 승전 부분이 차단되도록 한다.

2) 외함 개방 후 충전되어있는 부분은 IP2X 이상의
지점 접촉 방호가 되어있을것.

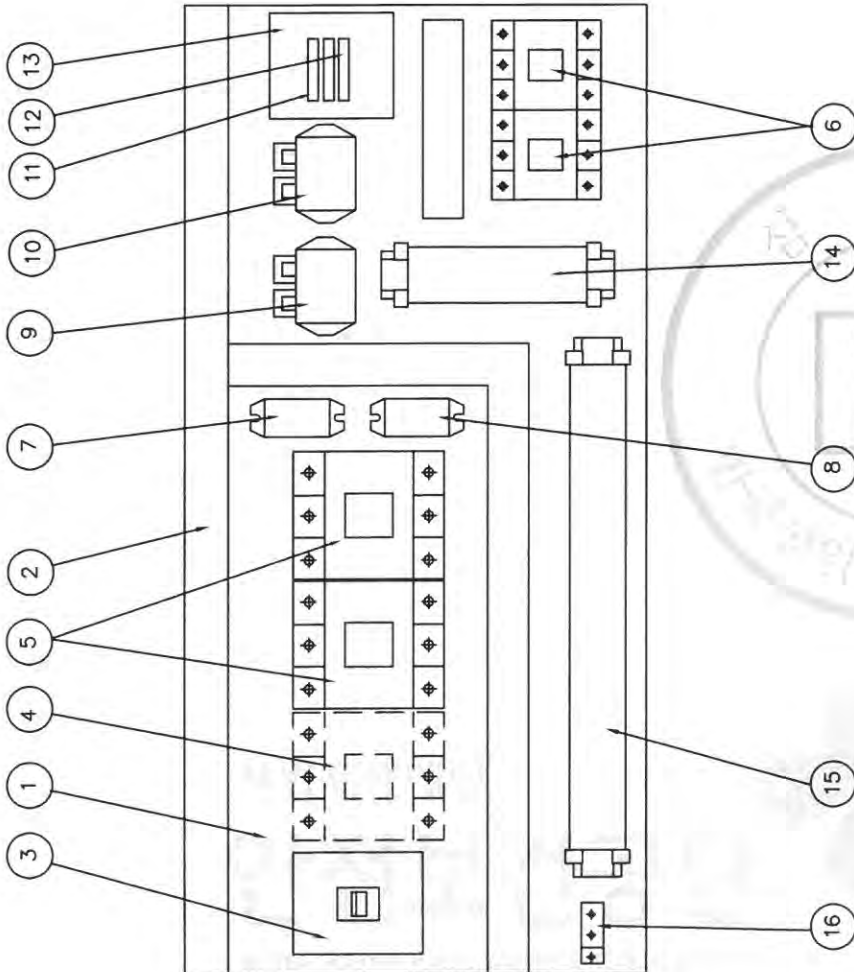
SELECTION	HOIST CAPACITY	DESCRIPTION	IN DOOR			OUT DOOR			REMARK
			A	B	L	A	B	L	
	2.8 TON	NORMAL	360	170	790	360	170	810	
		CREEP	360	170	790	360	170	810	

DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.
				NONE		

극동호이스트 주식회사
KUK DONG HOIST CO., LTD.

DRAWING TITLE	CUSTOMER	LAY-OUT	HOISTING CONTROL BOX	REVISIONS	CHK.	APP.

MK	DATE	DWG. NO	KDC28EB00



NOTE

1. UPPER LIMIT LS-1,LS-2의 접점 허용 전류 용량 : AC 600V, 75A
2. POWER SOURCE : AC. 3Ø 220V 60HZ
3. EARTH TERMINAL RESISTANCE : 0.018 Ω



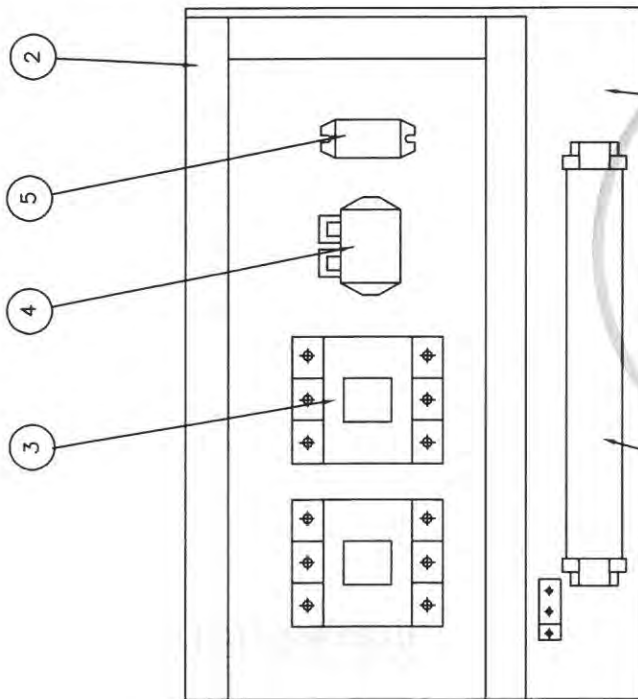
NOTE 1. 전선의 색상은 다음과 같다.

- 1) 흑색 : 교류 및 직류 전원선으로 5) 청색 : 직류 제어회로
 - 2) 적색 : 교류제어회로
 - 3) 주황색 : 외부전원에서 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 함것.
 - 2) 외함 개방후 충전되어있는 부분은 IP2X 이상의 직접 접촉 방호가 되어있을것.

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
1	CHASSIS PLATE		1	아 연 도 급
2	CABLE DUCT	-	1	
3	N.F.B	50AF/50AT	1	HOISTING
4	MAGNET CONTACTOR	DMC40b	1	MAIN MAG.
5	MAGNET CONTACTOR	DMC65	2	HOISTING
6	MAGNET CONTACTOR	DMC22b	2	CREEP HOIST
7	SILICON RECTIFIER	SR-60	1	HOISTING
8	SILICON RECTIFIER	SR-30	1	CREEP HOIST
9	E.O.C.R	SS-30	1	HOISTING
10	E.O.C.R	SS-30	1	CREEP HOIST
11	FUSE	2 A	2	
12	FUSE	3 A	1	
13	TRANSFORMER	220V/110V,120V, 100VA	1	
14	UPPER LIMIT	AC 600V/75A	1	
15	TERMINAL BLOCK	60A,15A		
16	EARTH TERMINAL	3tx20x50	1	

DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.
				NONE		
 KUK DONG HOIST CO., LTD.						KDC28BA21

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20.
ADR'S NO.																			



NO	DESCRIPTION	SPEC	Q'TY	REMARK
1	CHASSIS PLATE	-	1	아 연 도 금
2	CABLE DUCT	-	1	
3	MAGNET CONTACT	DMC22b	2	TRAVERSING
4	E.O.C.R	SS-05 (30M: SS-30)	1	TRAVERSING
5	SILICON RECTIFIER	SR-30	1	TRAVERSING
6	TERMINAL BLOCK	25A , 15A	1	TRAVERSING

NOTE: 1. 전선의 색상은 다음과 같다.

1) 흑색 : 교류 및 직류 전원선로 5) 청 색 : 직류 제어회로

2) 적색 : 교류제어회로

3) 주황색 : 외부전원에서 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.

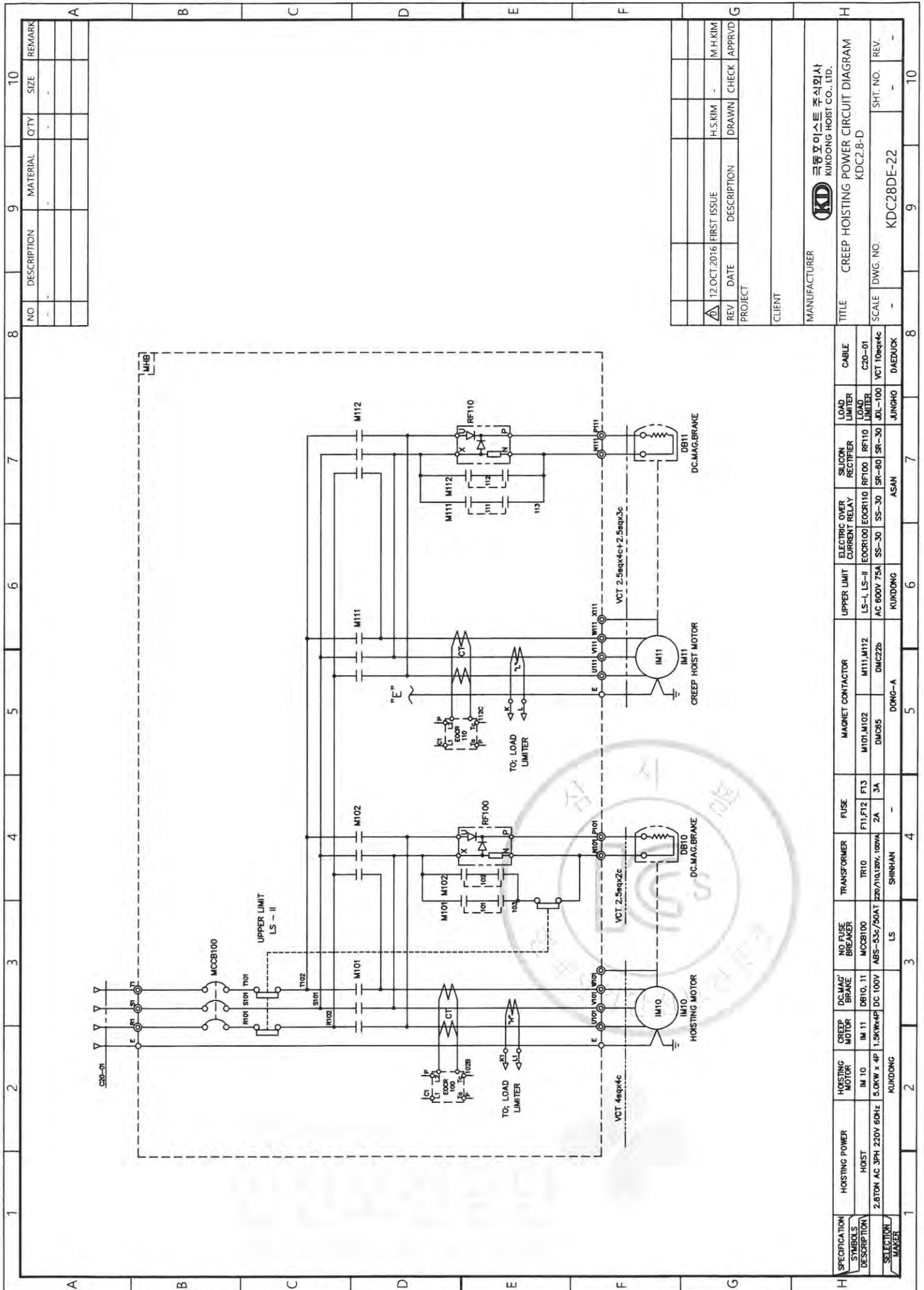
5. 외함 개방구조는 다음과 같을것.

1) 외함 개방시 충전부분이 차단되도록 할것.

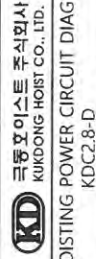
2) 외함 개방후 충전되어있는 부분은 IP2X 이상의 직접 접촉 방호가 되어있을것.



DRAWING		DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.
					NONE		
CUSTOMER		국동호이스트 주식회사					
DRAWING TITLE		TRAVERSING POWER CONTROL BOX ARRANGEMENT DRAWING					
REVISIONS		CHK.	APP.	DWG. NO			
MK	DATE			KDC28bt22			



NO	DESCRIPTION	MATERIAL	QTY	SIZE	REMARK
1	12.OCT.2016	FIRST ISSUE	H.S.KIM	-	M.H.KIM
REV	DATE	DESCRIPTION	DRAWN	CHECK	APPRVD
PROJECT					
CLIENT					
MANUFACTURER					
TITLE					
SCALE					
DWG. NO.					
SHT. NO.					
REV.					



극동포이스트 주식회사
KUDONG HOIST CO., LTD.

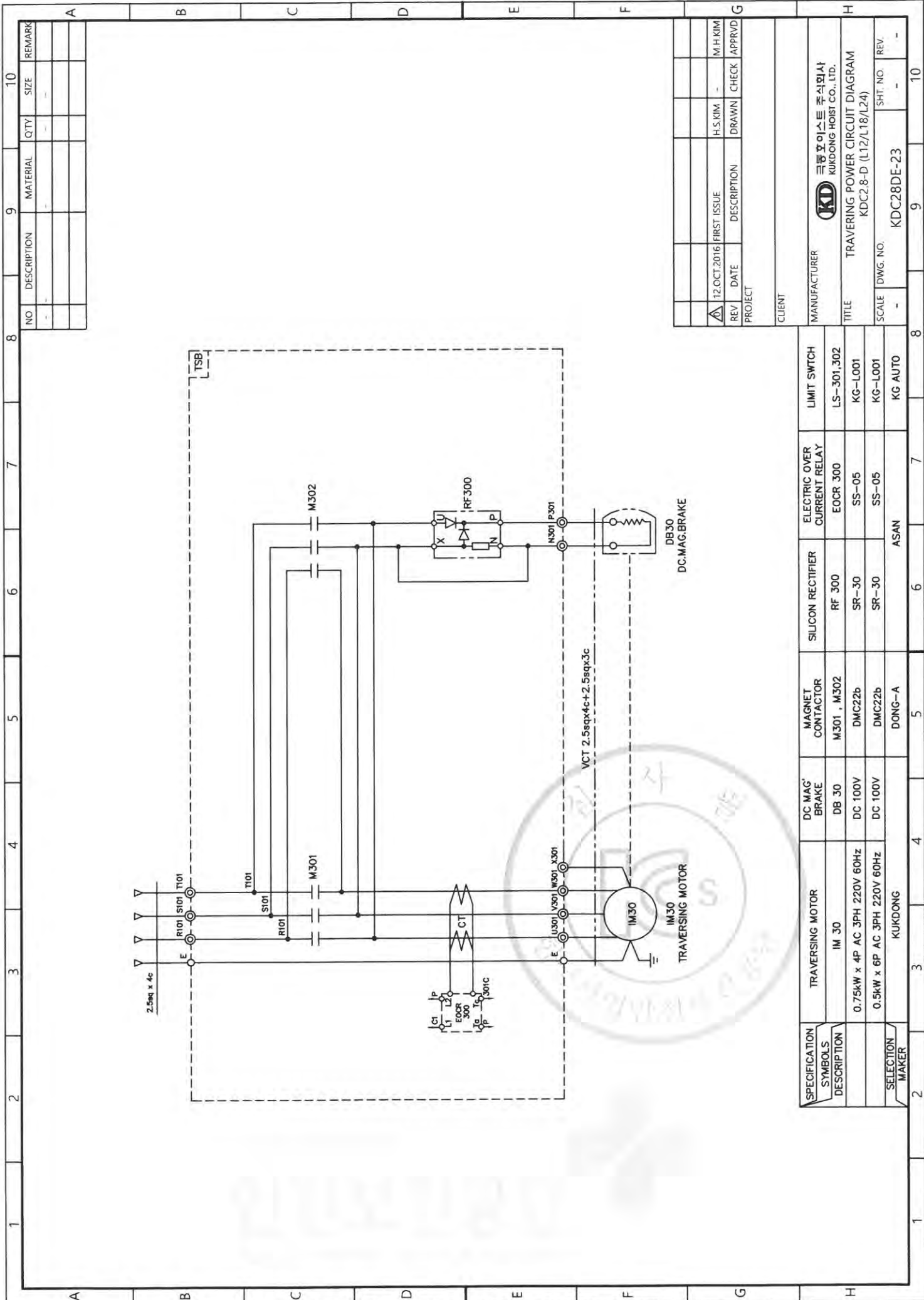
CREEP HOISTING POWER CIRCUIT DIAGRAM
KDC2.8-D

SCALE: 1:100

DWG. NO.: KDC28DE-22

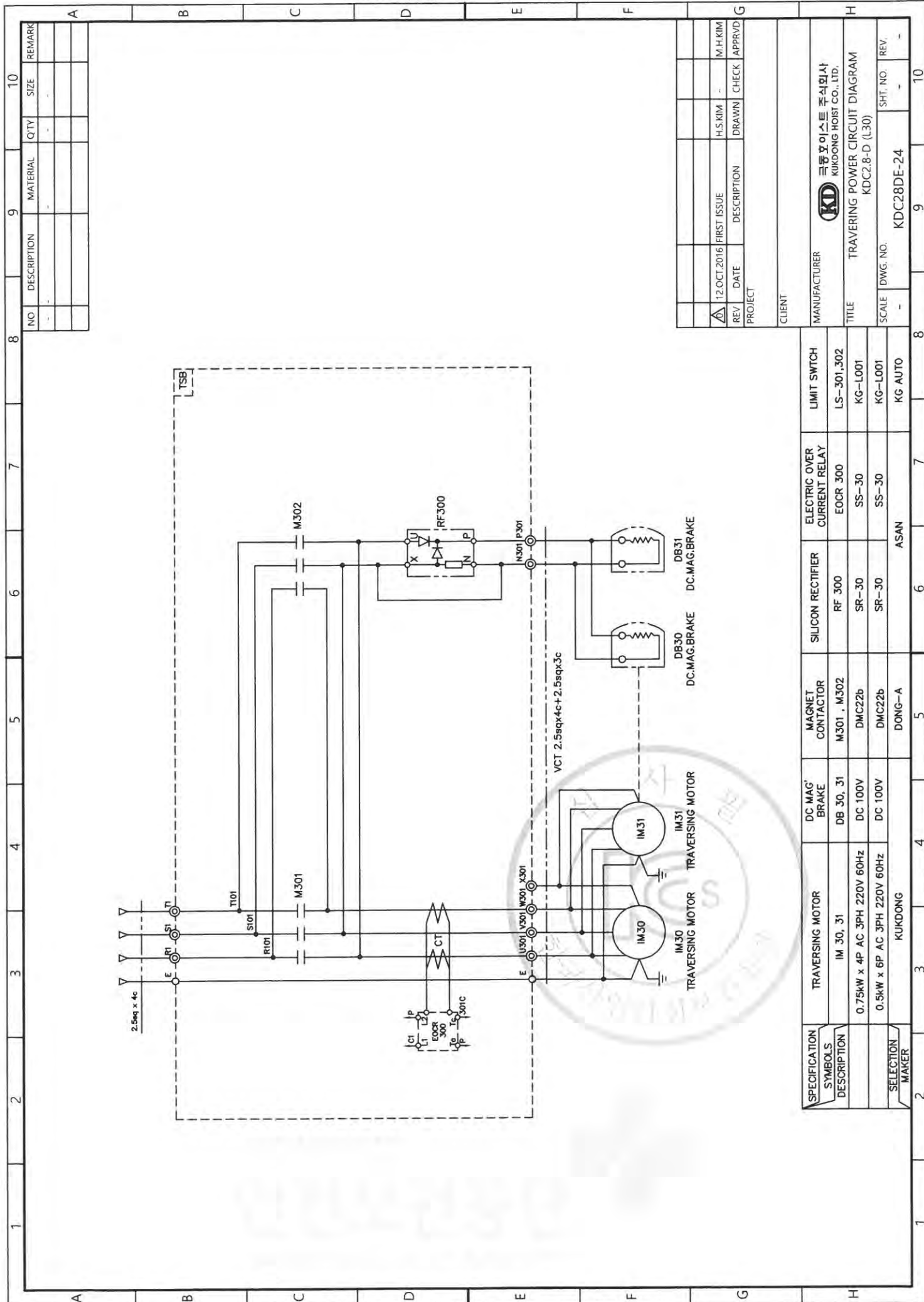
SHT. NO.: -

REV.: -



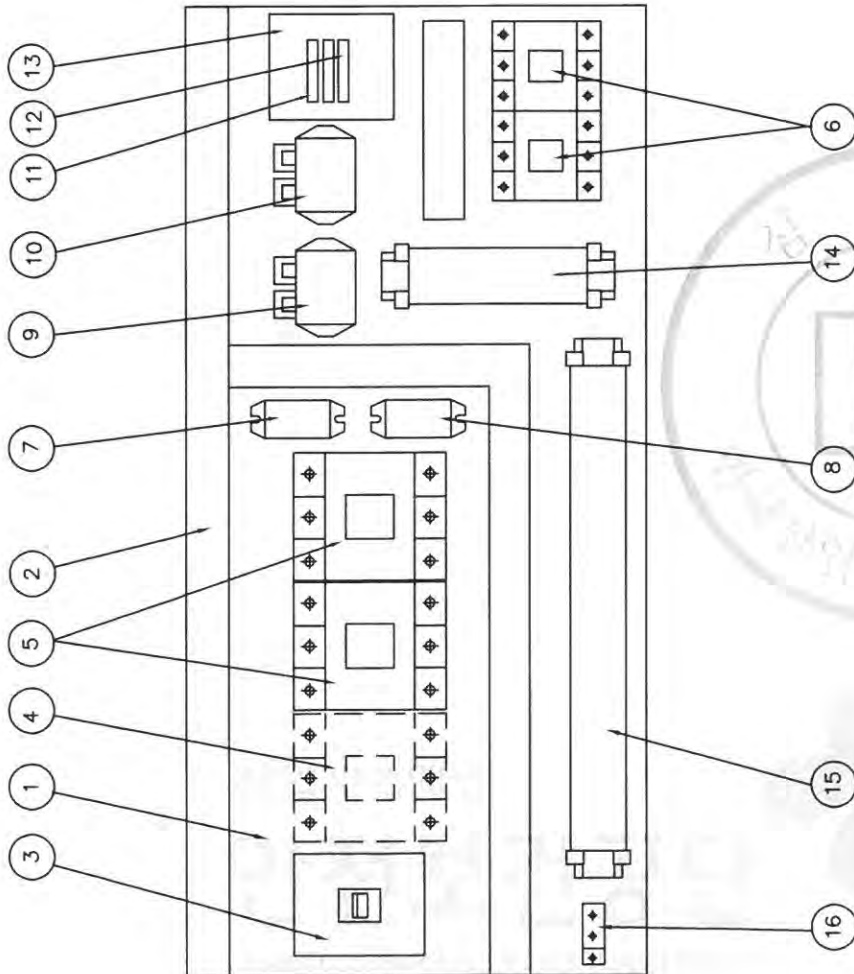
NO	DESCRIPTION	MATERIAL	QTY	SIZE	REMARK
1	12.OCT.2016	FIRST ISSUE	H.S.KIM	-	M.H.KIM
REV	DATE	DESCRIPTION	DRAWN	CHECK	APPRVD
PROJECT					
CLIENT					
MANUFACTURER					
TITLE					
SCALE					
SHT. NO.					
REV.					

SPECIFICATION SYMBOLS	TRAVERSING MOTOR	DC MAG' BRAKE	MAGNET CONTACTOR	SILICON RECTIFIER	ELECTRIC OVER CURRENT RELAY	LIMIT SWITCH
DESCRIPTION	IM 30	DB 30	M301, M302	RF 300	EOCR 300	LS-301.302
	0.75kW x 4P AC 3PH 220V 60Hz	DC 100V	DMC22b	SR-30	SS-05	KG-L001
SELECTION MAKER	0.5kW x 6P AC 3PH 220V 60Hz	DC 100V	DMC22b	SR-30	SS-05	KG-L001
	KUKOONG		DONG-A		ASAN	KG AUTO



NO	DESCRIPTION	MATERIAL	QTY	SIZE	REMARK
1	12.OCT.2016	FIRST ISSUE	H.S.KIM	-	M.H.KIM
REV	DATE	DESCRIPTION	DRAWN	CHECK	APPRVD
PROJECT					
CLIENT					
MANUFACTURER					
TITLE					
SCALE					
SHT. NO.					
REV.					

SPECIFICATION	TRAVERSING MOTOR	DC MAG' BRAKE	MAGNET CONTACTOR	SILICON RECTIFIER	ELECTRIC OVER CURRENT RELAY	LIMIT SWITCH
SYMBOLS	IM 30, 31	DB 30, 31	M301, M302	RF 300	EOCR 300	LS-301, 302
DESCRIPTION	0.75kW x 4P AC 3PH 220V 60Hz	DC 100V	DMC22b	SR-30	SS-30	KG-L001
SELECTION	0.5kW x 6P AC 3PH 220V 60Hz	DC 100V	DMC22b	SR-30	SS-30	KG-L001
MAKER	KUKOONG		DONG-A	ASAN		KG AUTO



NOTE

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

NOTE 1. 전선의 색상은 다음과 같다.

1) 흑색 : 교류 및 직류 전원선로 5) 청색 : 직류 제어회로

2) 적색 : 교류제어회로

3) 주황색 : 외부전원에서 공급되는 연동장치 제어회로

4) 녹색 또는 녹색과 황색 혼용 : 접지선

2. CABLE MATERIAL : KIV OR EQUIVALENT

3. 제어용 전선 : 1.5mm KIV,HIV

4. 제작시 다소 변경 될수있음.

5. 외함 개방구조는 다음과 같음.

1) 외함 개방시 충전부분이 차단되도록 함.

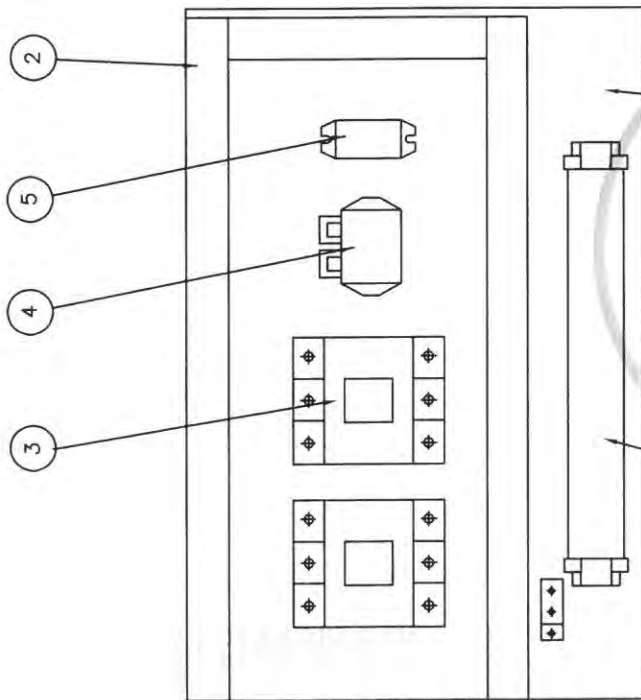
2) 외함 개방후 충전되어있는 부분은 IP2X 이상의 직접 접촉 방호가 되어있음.



NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
1	CHASSIS PLATE		1	아 연 도 금
2	CABLE DUCT	-	1	
3	N.F.B	30AF/30AT	1	HOISTING
4	MAGNET CONTACTOR	DMC22b	1	MAIN MAG.
5	MAGNET CONTACTOR	DMC40b	2	HOISTING
6	MAGNET CONTACTOR	DMC22b	2	CREEP HOIST
7	SILICON RECTIFIER	SR-60	1	HOISTING
8	SILICON RECTIFIER	SR-30	1	CREEP HOIST
9	E.O.C.R	SS-30	1	HOISTING
10	E.O.C.R	SS-05	1	CREEP HOIST
11	FUSE	1 A	2	
12	FUSE	3 A	1	
13	TRANSFORMER	380V/110V,120V, 100VA	1	
14	UPPER LIMIT	AC 600V/75A	1	
15	TERMINAL BLOCK	60A,15A		
16	EARTH TERMINAL	3tx20x50	1	

DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.
				NONE		
 KUK DONG HOIST CO., LTD.						KDC28BA31

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20.
ADR'S NO.																			



NO	DESCRIPTION	SPEC	Q'TY	REMARK
1	CHASSIS PLATE	-	1	아 연 도 금
2	CABLE DUCT	-	1	
3	MAGNET CONTACT	DMC22b	2	TRAVERSING
4	E.O.C.R	SS-05	1	TRAVERSING
5	SILICON RECTIFIER	SR-30	1	TRAVERSING
6	TERMINAL BLOCK	25A , 15A	1	TRAVERSING

NOTE 1. 전선의 색상은 다음과 같다.

1) 흑색 : 교류 및 직류 전원선로 5) 청 색 : 직류 제어회로

2) 적색 : 교류제어회로

3) 주황색 : 외부전원에서 공급되는 연동장치 제어회로

4) 녹색 또는 녹색과 황색 혼용 : 접지선

2. CABLE MATERIAL : KIV OR EQUIVALENT

3. 제어용 전선 : 1.5mm KIV,HIV

4. 제어시 다소 변경 될수있음.

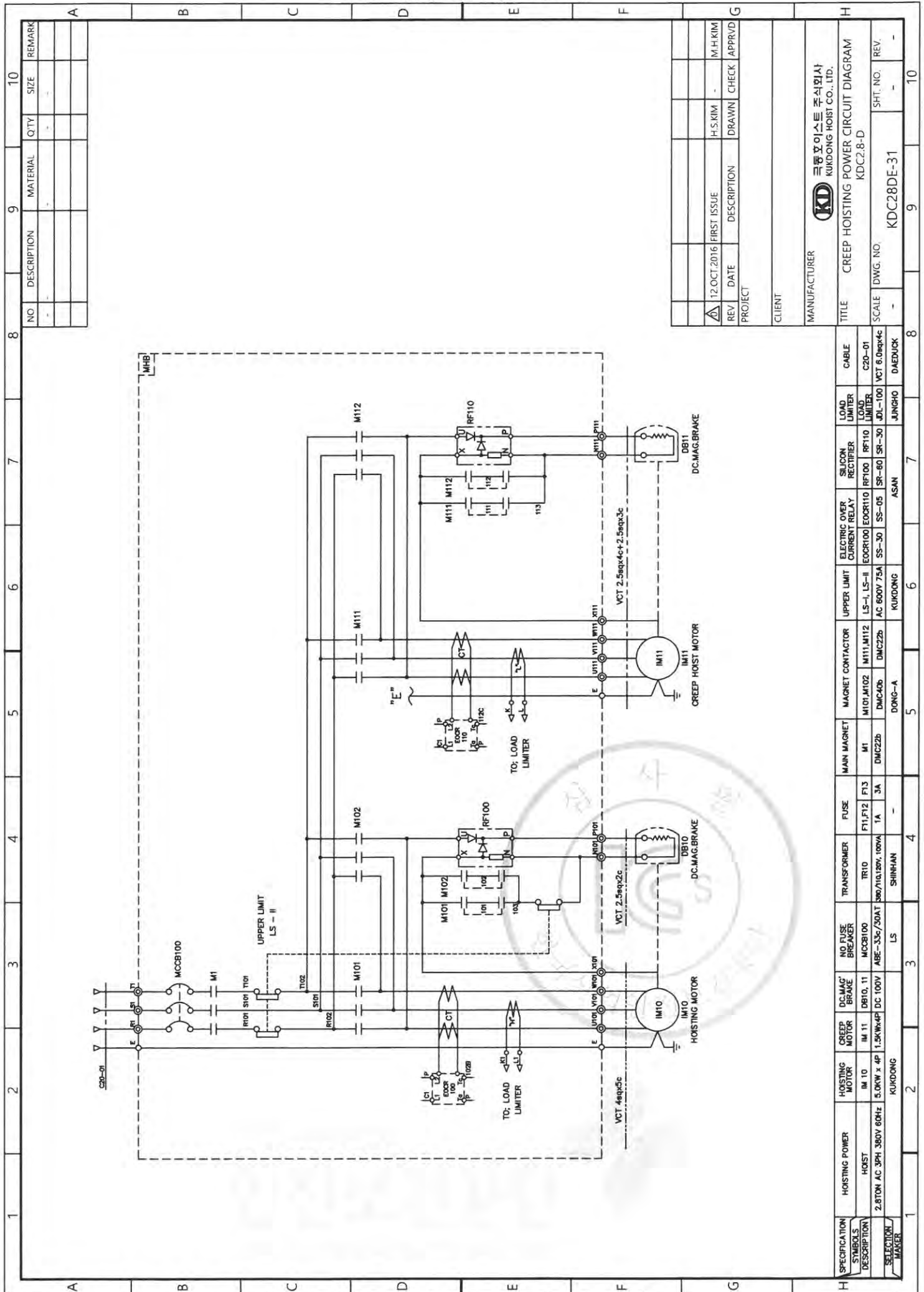
5. 외함 개방구조는 다음과 같을것.

1) 외함 개방시 중전부분이 차단되도록 할것.

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



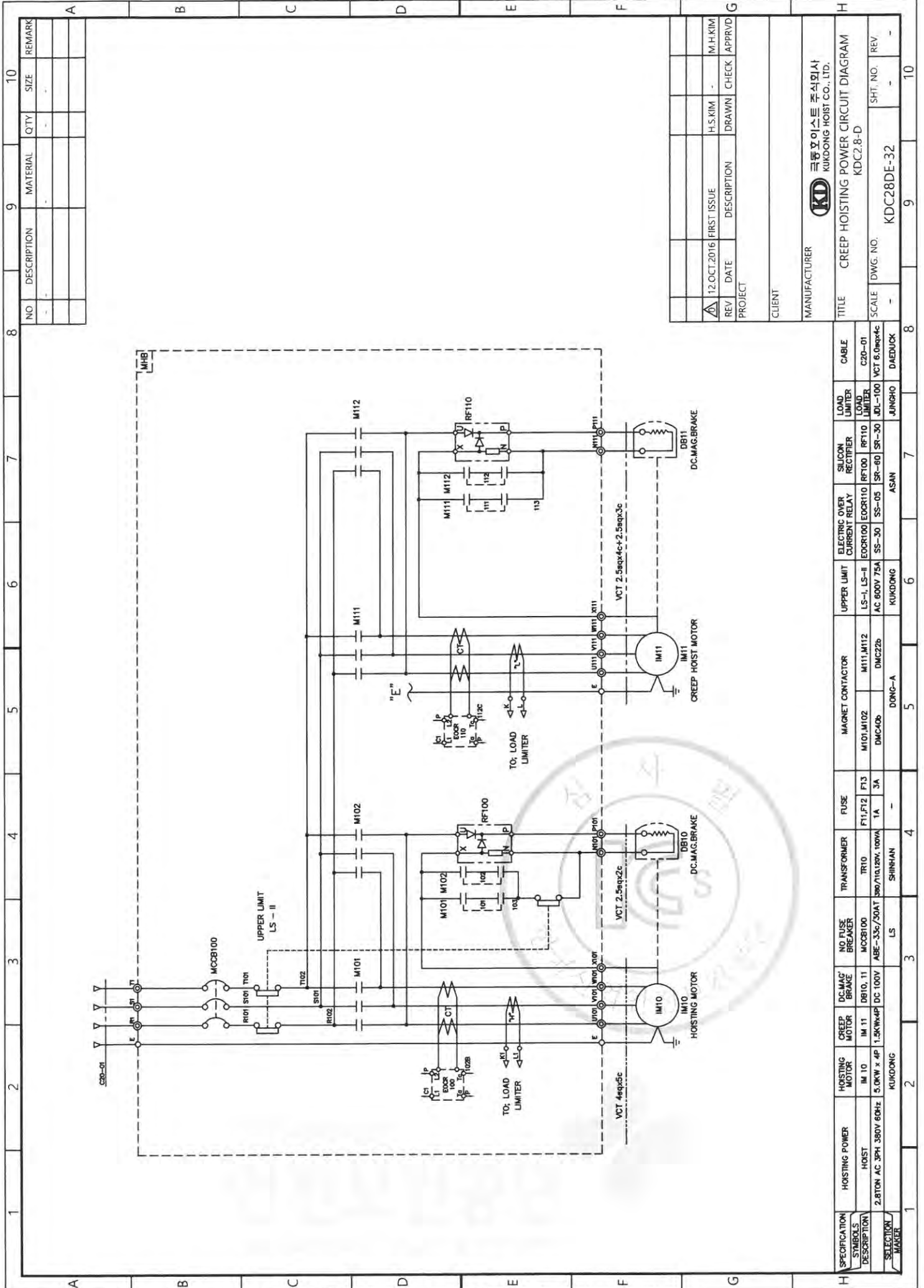
DRAWING		DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.
TRAVERSING POWER CONTROL BOX					NONE		
ARRANGEMENT DRAWING							
CUSTOMER		KDD					
DRAWING TITLE		극동호이스트 주식회사					
REVISIONS		KUK DONG HOIST CO., LTD.					
MK	DATE	CHK.	APP.	DWG. NO	KDC28bt32		



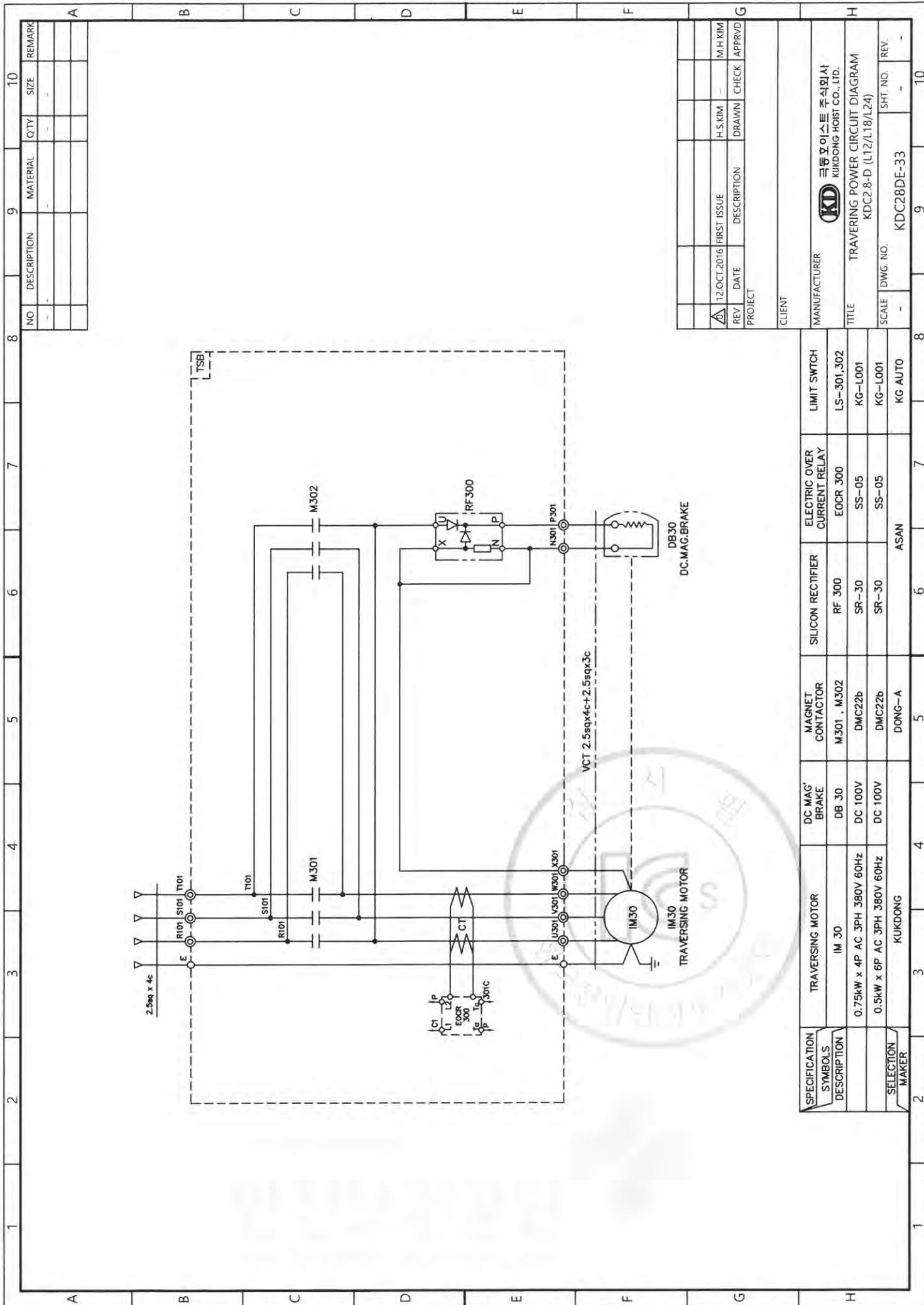
NO	DESCRIPTION	MATERIAL	QTY	SIZE	REMARK
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					

12 OCT 2016	FIRST ISSUE	H.S.KIM	-	M.H.KIM
REV	DATE	DESCRIPTION	DRAWN	CHECK
PROJECT				APPRVD
CLIENT				

MANUFACTURER	KUDONG HOIST CO., LTD.
TITLE	CREEP HOISTING POWER CIRCUIT DIAGRAM
SCALE	KDC2.8-D
DWG. NO.	KDC28DE-31
SHT. NO.	-
REV.	-

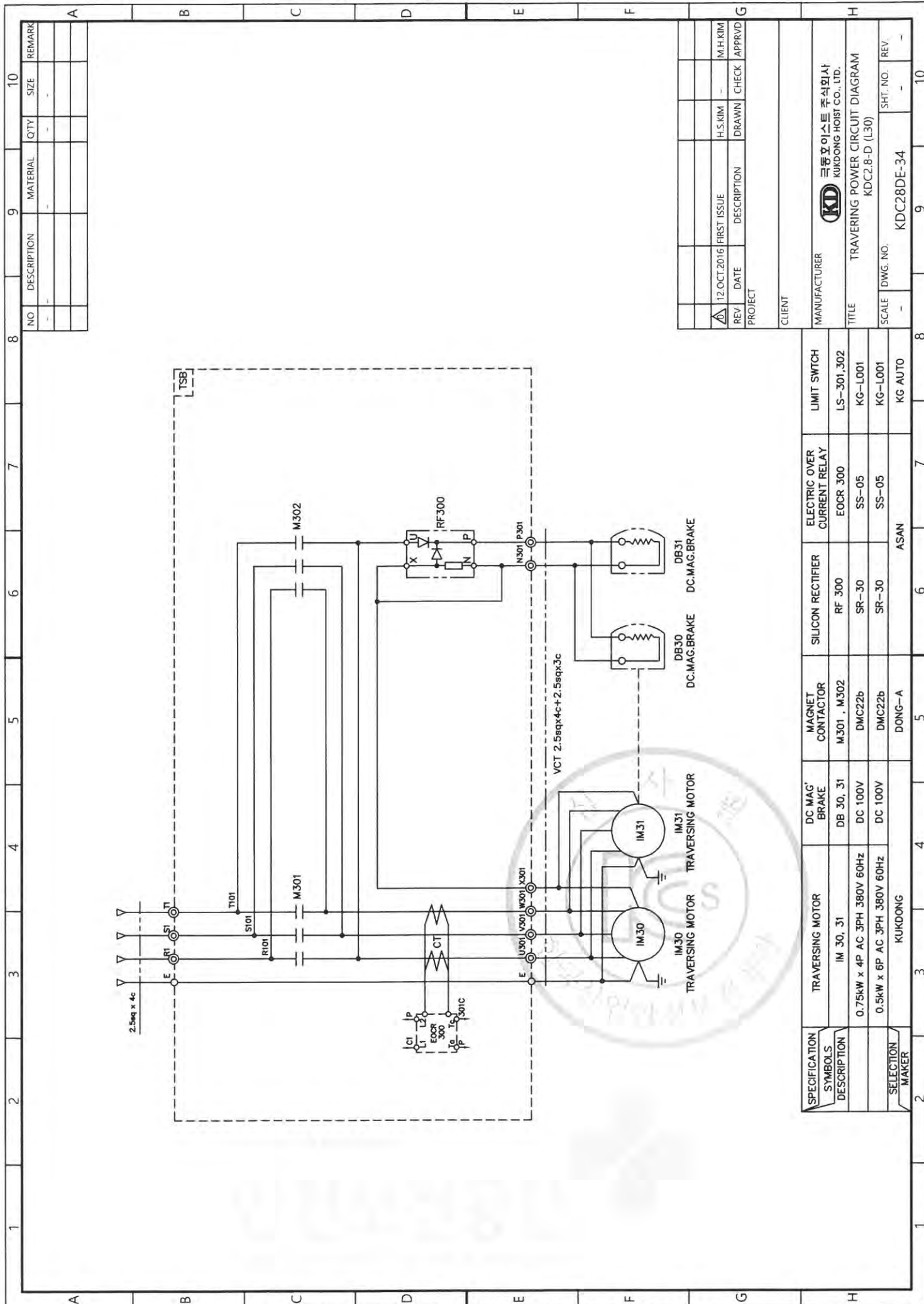


NO	DESCRIPTION	MATERIAL	QTY	SIZE	REMARK
1	12 OCT. 2016	FIRST ISSUE	H.S.KIM	-	M.H.KIM
REV	DATE	DESCRIPTION	DRAWN	CHECK	APPRVD
PROJECT	CREEP HOISTING POWER CIRCUIT DIAGRAM				
CLIENT	KUDONG HOIST CO., LTD.				
MANUFACTURER	KUDONG HOIST CO., LTD.				
TITLE	CREEP HOISTING POWER CIRCUIT DIAGRAM				
SCALE	DWG. NO.	KDC28DE-32	SHT. NO.	REV	
10	9	8	7	6	5



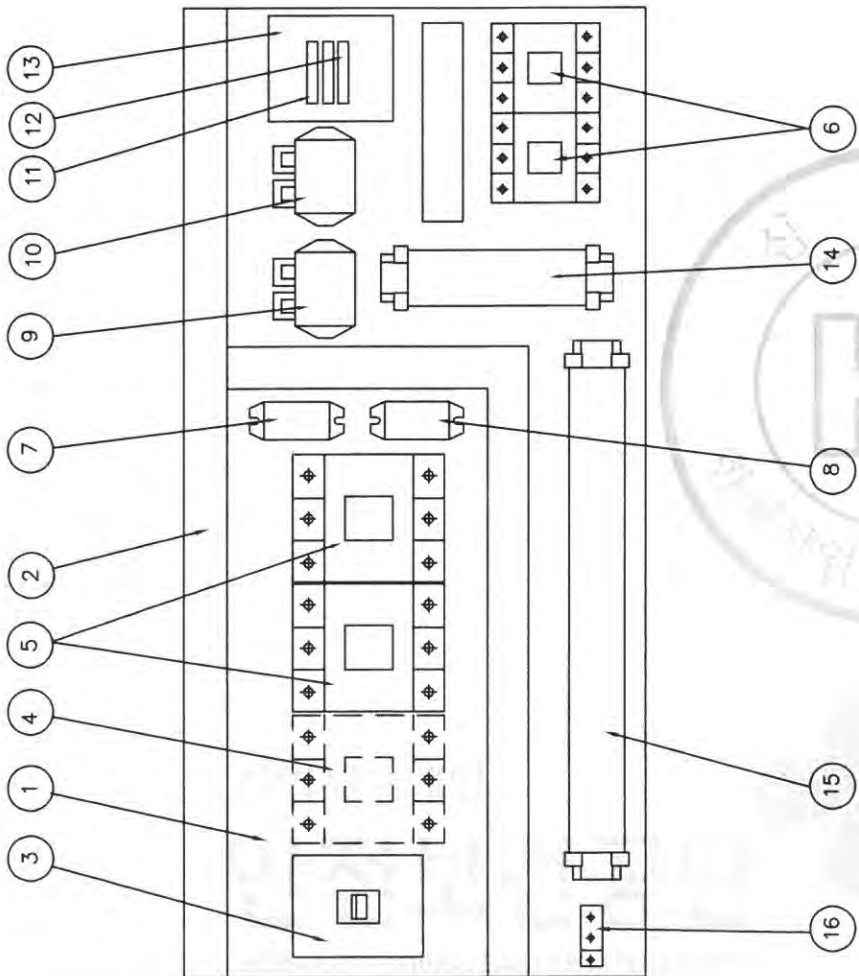
NO	DESCRIPTION	MATERIAL	QTY	SIZE	REMARK
1	12.OCT.2016	FIRST ISSUE	H.S.KIM	-	M.H.KIM
REV	DATE	DESCRIPTION	DRAWN	CHECK	APPRVD
PROJECT					
CLIENT					
MANUFACTURER					
TITLE					
SCALE					
DWG. NO.					
SHT. NO.					
REV.					

SPECIFICATION	TRAVERSING MOTOR	MAGNET CONTACTOR	SILICON RECTIFIER	ELECTRIC OVER CURRENT RELAY	LIMIT SWITCH
SYMBOLS	IM 30	M301, M302	RF 300	EOCR 300	LS-301,302
DESCRIPTION	0.75kW x 4P AC 3PH 380V 60Hz	DMC22b	SR-30	SS-05	KG-L001
SELECTION	0.5kW x 6P AC 3PH 380V 60Hz	DMC22b	SR-30	SS-05	KG-L001
MAKER	KUKOONG	DONG-A	ASAN		KG AUTO



																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									</
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	----

SPECIFICATION	TRAVERSING MOTOR	DC MAG' BRAKE	MAGNET CONTACTOR	SILICON RECTIFIER	ELECTRIC OVER CURRENT RELAY	LIMIT SWITCH
SYMBOLS	IM 30, 31	DB 30, 31	M301, M302	RF 300	EOCR 300	LS-301, 302
DESCRIPTION	0.75kw x 4P AC 3PH 380V 60Hz	DC 100V	DMC22b	SR-30	SS-05	KG-L001
SELECTION	0.5kw x 6P AC 3PH 380V 60Hz	DC 100V	DMC22b	SR-30	SS-05	KG-L001
MAKER	KUKDONG					
	DONG-A					
	ASAN					
	KG AUTO					



NOTE

1. UPPER LIMIT LS-1,LS-2의 접점 허용 전류 용량 : AC 600V, 75A
2. POWER SOURCE : AC. 3Ø 440V 60HZ
3. EARTH TERMINAL RESISTANCE : 0.018 Ω



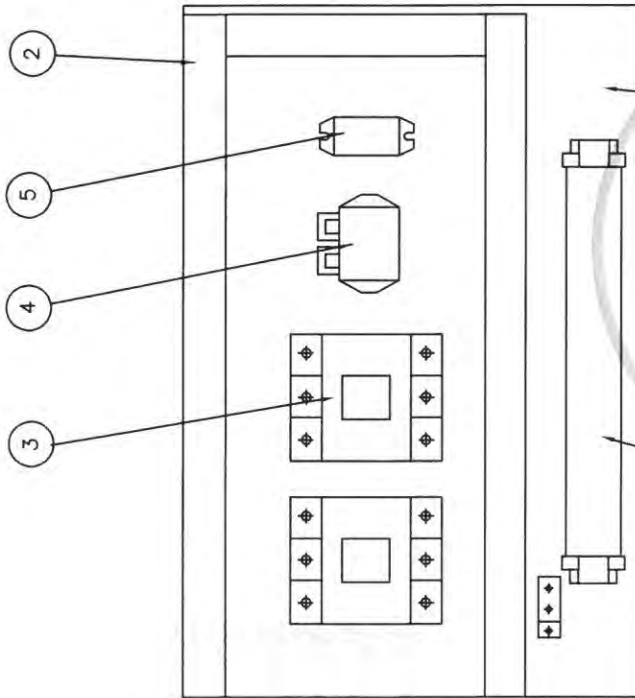
NOTE 1. 전선의 색상은 다음과 같다.

- 1) 흑색 : 교류 및 직류 전원선으로
 - 2) 적색 : 교류 제어회로
 - 3) 주황색 : 외부전원에서 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 같음.
- 1) 외함 개방시 충전부분이 차단되도록 할것.
 - 2) 외함 개방후 충전되어있는 부분은 IP2X 이상의 직접 접촉 방호가 되어있을것.

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
1	CHASSIS PLATE		1	아 연 도 판
2	CABLE DUCT	-	1	
3	N.F.B	30AF/20AT	1	HOISTING
4	MAGNET CONTACTOR	DMC22b	1	MAIN MAG.
5	MAGNET CONTACTOR	DMC40b	2	HOISTING
6	MAGNET CONTACTOR	DMC22b	2	CREEP HOIST
7	SILICON RECTIFIER	SR-60	1	HOISTING
8	SILICON RECTIFIER	SR-30	1	CREEP HOIST
9	E.O.C.R	SS-30	1	HOISTING
10	E.O.C.R	SS-05	1	CREEP HOIST
11	FUSE	1 A	2	
12	FUSE	3 A	1	
13	TRANSFORMER	440V/110V,120V, 100VA	1	
14	UPPER LIMIT	AC 600V/75A	1	
15	TERMINAL BLOCK	60A,15A		
16	EARTH TERMINAL	3tx20x50	1	

DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.	
				NONE			
극동호이스트 주식회사 KUK DONG HOIST CO., LTD.						DWG. NO	KDC28BA41
CUSTOMER DRAWING TITLE HOIST CONTROL BOX ARRANGEMENT DRAWING							
MK	DATE	REVISIONS	CHK.	APP.			

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
ADR'S NO.																			



NO	DESCRIPTION	SPEC	Q'TY	REMARK
1	CHASSIS PLATE	-	1	아 연 도 금
2	CABLE DUCT	-	1	
3	MAGNET CONTACT	DMC22b	2	TRAVERSING
4	E.O.C.R	SS-05	1	TRAVERSING
5	SILICON RECTIFIER	SR-30	1	TRAVERSING
6	TERMINAL BLOCK	25A , 15A	1	TRAVERSING

NOTE 1. 전선의 색상은 다음과 같다.

- 1) 흑색 : 교류 및 직류 전원선로
- 2) 적색 : 교류제어회로
- 3) 주황색 : 외부전원에서 공급되는 인동장치 제어회로
- 4) 녹색 또는 녹색과 황색 혼용 : 접지선

2. CABLE MATERIAL : KIV OR EQUIVALENT

3. 제어용 전선 : 1.5mm KIV,HIV

4. 제자시 다소 변경 될수있음.

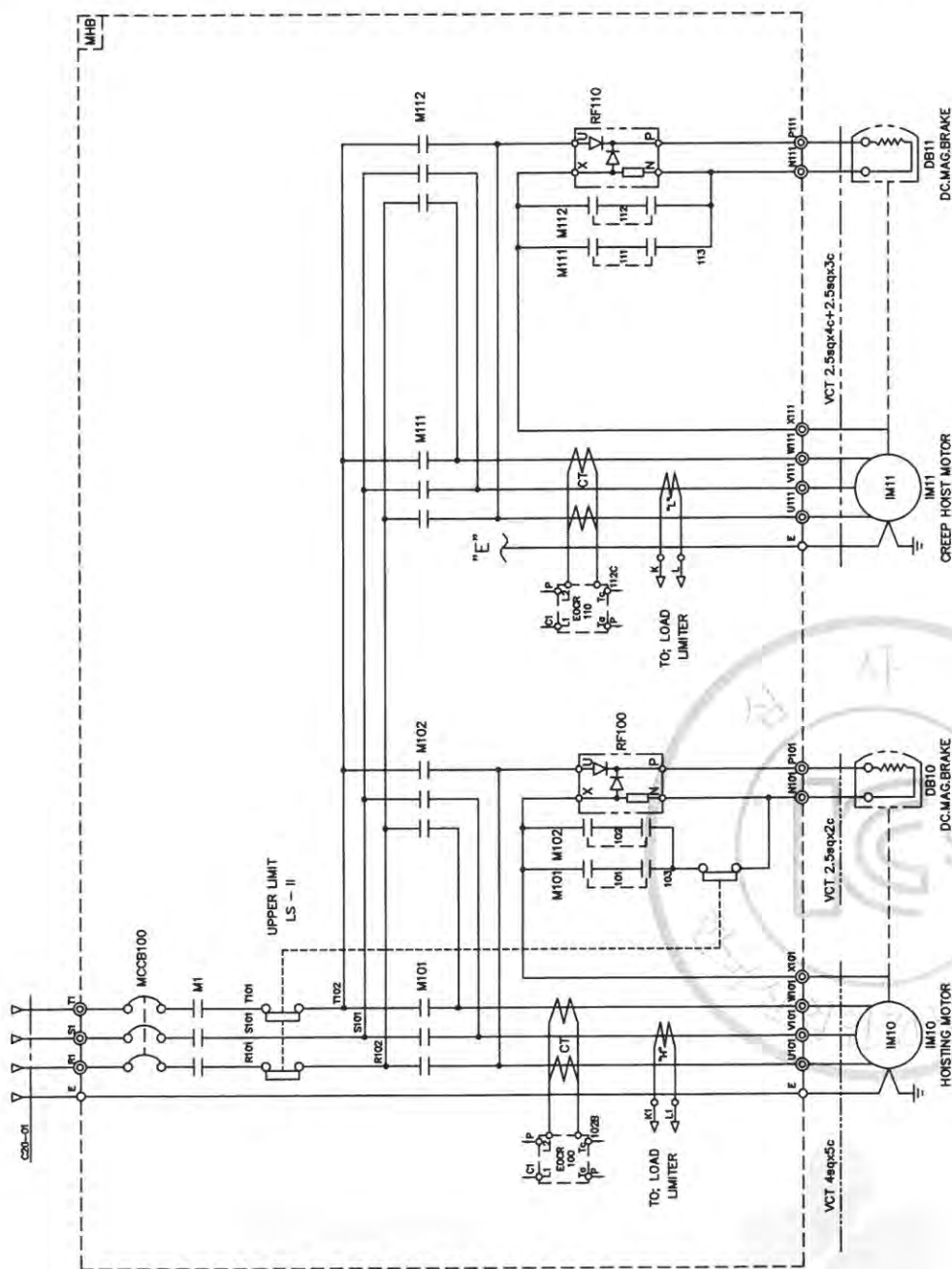
5. 외함 개방구조는 다음과 같을것.

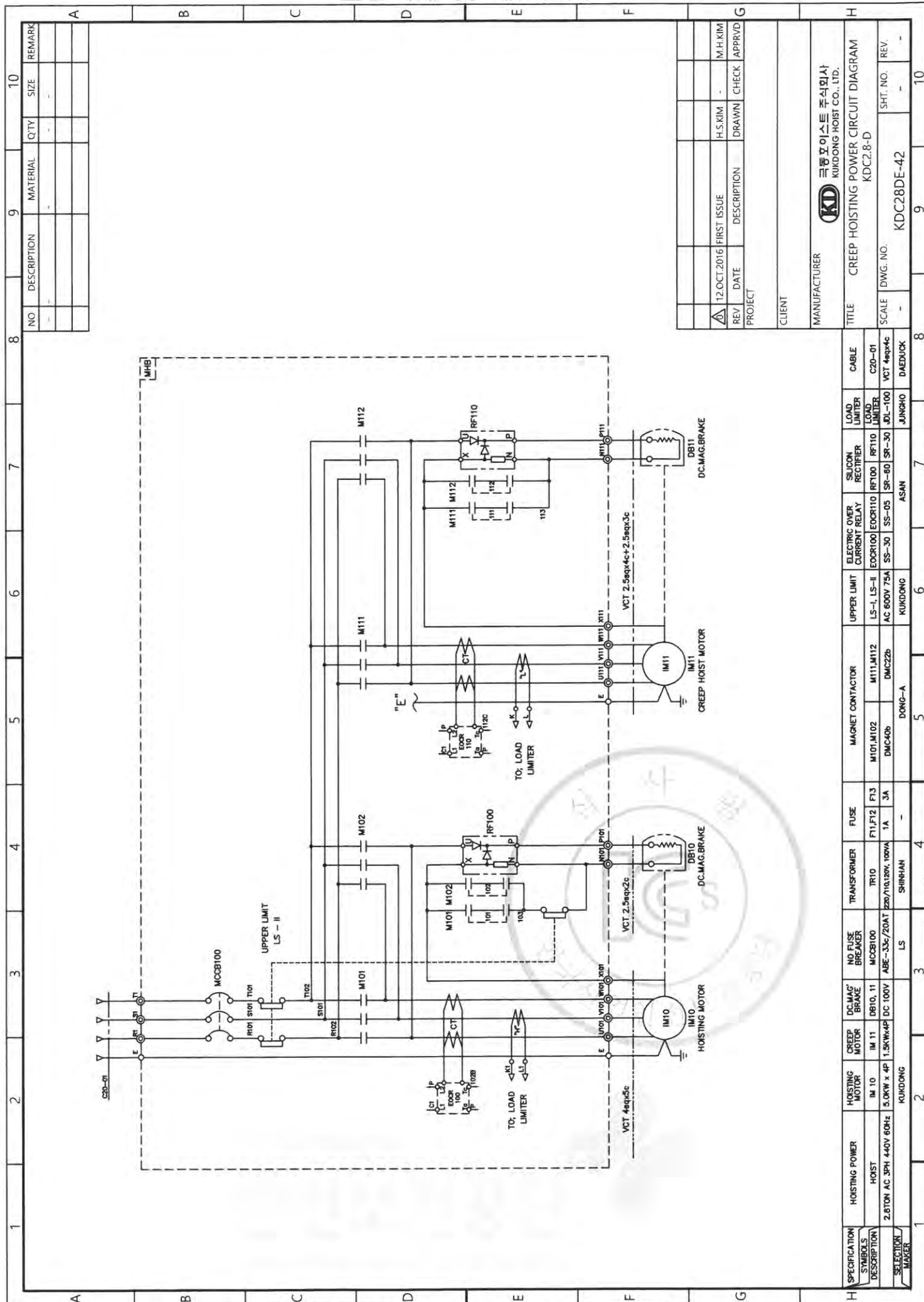
1) 외함 개방시 충전부분이 차단되도록 할것.

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



DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.
				NONE		
KDD KUK DONG HOIST CO., LTD.						KDC28bt42
TRAVERSING POWER CONTROL BOX						
ARRANGEMENT DRAWING						
MK	DATE	REVISIONS	CHK.	APP.		

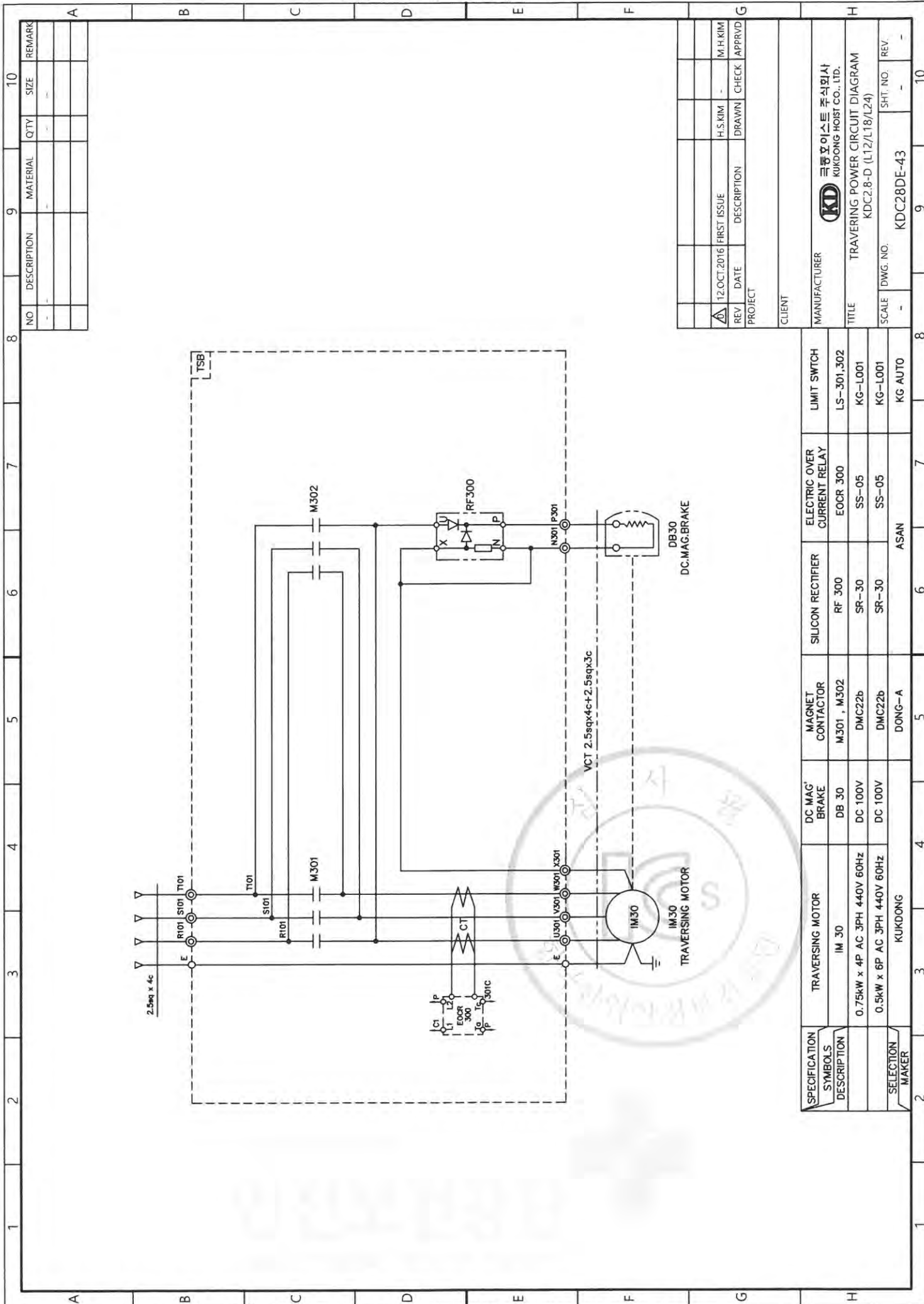
[illegible]



NO	DESCRIPTION	MATERIAL	Q'TY	SIZE	REMARK
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					

12.OCT.2016	FIRST ISSUE	H.S.KIM	-	M.H.KIM
REV	DATE	DESCRIPTION	DRAWN	CHECK
PROJECT				APPROVD
CLIENT				

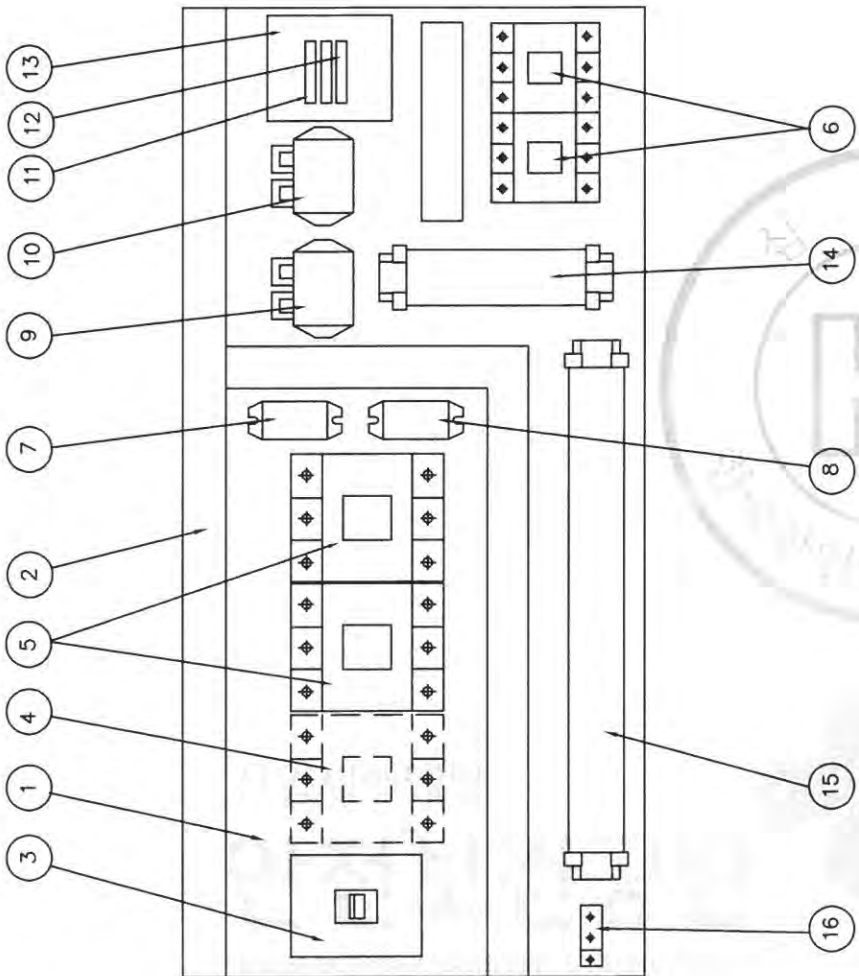
MANUFACTURER	KUDONG HOIST CO., LTD.
TITLE	CREEP HOISTING POWER CIRCUIT DIAGRAM
SCALE	DWG. NO. KDC28DE-42
SHT. NO.	REV.
10	-



NO	DESCRIPTION	MATERIAL	QTY	SIZE	REMARK
1	12.OCT.2016	FIRST ISSUE	H.S.KIM	-	M.H.KIM
REV	DATE	DESCRIPTION	DRAWN	CHECK	APPRVD
PROJECT					
CLIENT					
MANUFACTURER					
TITLE					
SCALE					
SHT. NO.					
REV.					

SPECIFICATION	TRAVERSING MOTOR	DC MAG' BRAKE	MAGNET CONTACTOR	SILICON RECTIFIER	ELECTRIC OVER CURRENT RELAY	LIMIT SWITCH
SYMBOLS	IM 30	DB 30	M301, M302	RF 300	EOCR 300	LS-301,302
DESCRIPTION	0.75kW x 4P AC 3PH 440V 60Hz	DC 100V	DMC22b	SR-30	SS-05	KG-L001
SELECTION	0.5kW x 6P AC 3PH 440V 60Hz	DC 100V	DMC22b	SR-30	SS-05	KG-L001
MAKER	KUKDONG		DONG-A	ASAN		KG AUTO

SPECIFICATION SYMBOLS		TRAVERSING MOTOR	DC MAG' BRAKE	MAGNET CONTACTOR	SILICON RECTIFIER	ELECTRIC OVER CURRENT RELAY	LIMIT SWITCH
DESCRIPTION							
		IM 30, 31	DB 30, 31	M301, M302	RF 300	EOCR 300	LS-301,302
		0.75kW x 4P AC 3PH 440V 60Hz	DC 100V	DMC22b	SR-30	SS-05	KG-L001
		0.5kW x 6P AC 3PH 440V 60Hz	DC 100V	DMC22b	SR-30	SS-05	KG-L001
SELECTION MAKER		KUKDONG		DONG-A	ASAN		KG AUTO
2	3	4	5	6	7	8	



NOTE

1. UPPER LIMIT LS-1,LS-2의 접점 허용 전류 용량 : AC 600V, 75A
2. POWER SOURCE : AC. 3Ø 460V 60HZ
3. EARTH TERMINAL RESISTANCE : 0.018 Ω



NOTE 1. 전선의 색상은 다음과 같다.

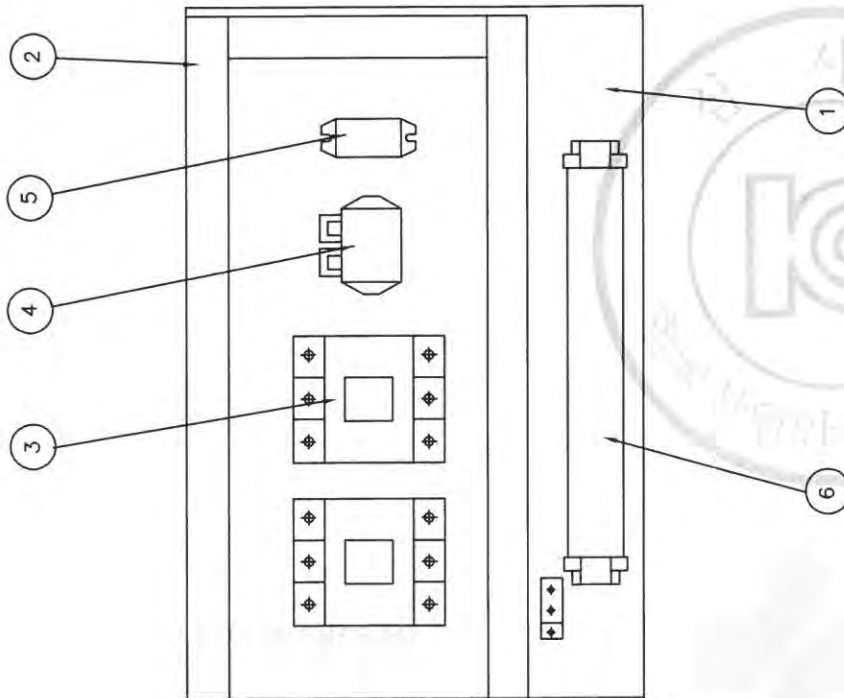
- 1) 흑색 : 교류 및 직류 전원선
 - 2) 적색 : 교류 제어회로
 - 3) 주황색 : 외부전원에서 공급되는 연동장치 제어회로
 - 4) 녹색 또는 녹색과 황색 혼용 : 접지선
2. CABLE MATERIAL : KIV OR EQUIVALENT
MIN SIZE : 1.5sq
3. 제어용 전선 : 1.5mm KIV,HIV
 4. 제작시 다소 변경 될수있음.
 5. 외함 개방구조는 다음과 같음.

- 1) 외함 개방시 충전부분이 차단되도록 함.
- 2) 외함 개방후 충전되어있는 부분은 IP2X 이상의 직접 접촉 방호가 되어있음.

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
1	CHASSIS PLATE		1	아 연 도 금
2	CABLE DUCT	-	1	
3	N.F.B	30AF/20AT	1	HOISTING
4	MAGNET CONTACTOR	DMC22b	1	MAIN MAG.
5	MAGNET CONTACTOR	DMC40b	2	HOISTING
6	MAGNET CONTACTOR	DMC22b	2	CREEP HOIST
7	SILICON RECTIFIER	SR-60	1	HOISTING
8	SILICON RECTIFIER	SR-30	1	CREEP HOIST
9	E.O.C.R	SS-30	1	HOISTING
10	E.O.C.R	SS-05	1	CREEP HOIST
11	FUSE	1 A	2	
12	FUSE	3 A	1	
13	TRANSFORMER	460V/110V,120V, 100VA	1	
14	UPPER LIMIT	AC 600V/75A	1	
15	TERMINAL BLOCK	60A,15A		
16	EARTH TERMINAL	3tx20x50	1	

DRAWING		DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.
HOIST CONTROL BOX					NONE		
ARRANGEMENT DRAWING							
CUSTOMER		극동호이스트 주식회사			DWG. NO		KDC28BA51
DRAWING TITLE		KUK DONG HOIST CO., LTD.					
REVISIONS		CHK.	APP.				
MK	DATE						

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20.
ADR'S NO.																			



NO	DESCRIPTION	SPEC	Q'TY	REMARK
1	CHASSIS PLATE	-	1	아 연 도 금
2	CABLE DUCT	-	1	
3	MAGNET CONTACT	DMC22b	2	TRAVERSING
4	E.O.C.R	SS-05	1	TRAVERSING
5	SILICON RECTIFIER	SR-30	1	TRAVERSING
6	TERMINAL BLOCK	25A , 15A	1	TRAVERSING

NOTE 1. 전선의 색상은 다음과 같다.

1) 흑색 : 교류 및 직류 전원선로 5) 청 색 : 직류 제어회로

2) 적색 : 교류제어회로

3) 주황색 : 외부전원에서 공급되는 연동장치 제어회로

4) 녹색 또는 녹색과 황색 혼용 : 접지선

2. CABLE MATERIAL : KIV OR EQUIVALENT

3. 제어용 전선 : 1.5mm KIV,HIV

4. 제어시 다스 변경 필수있음.

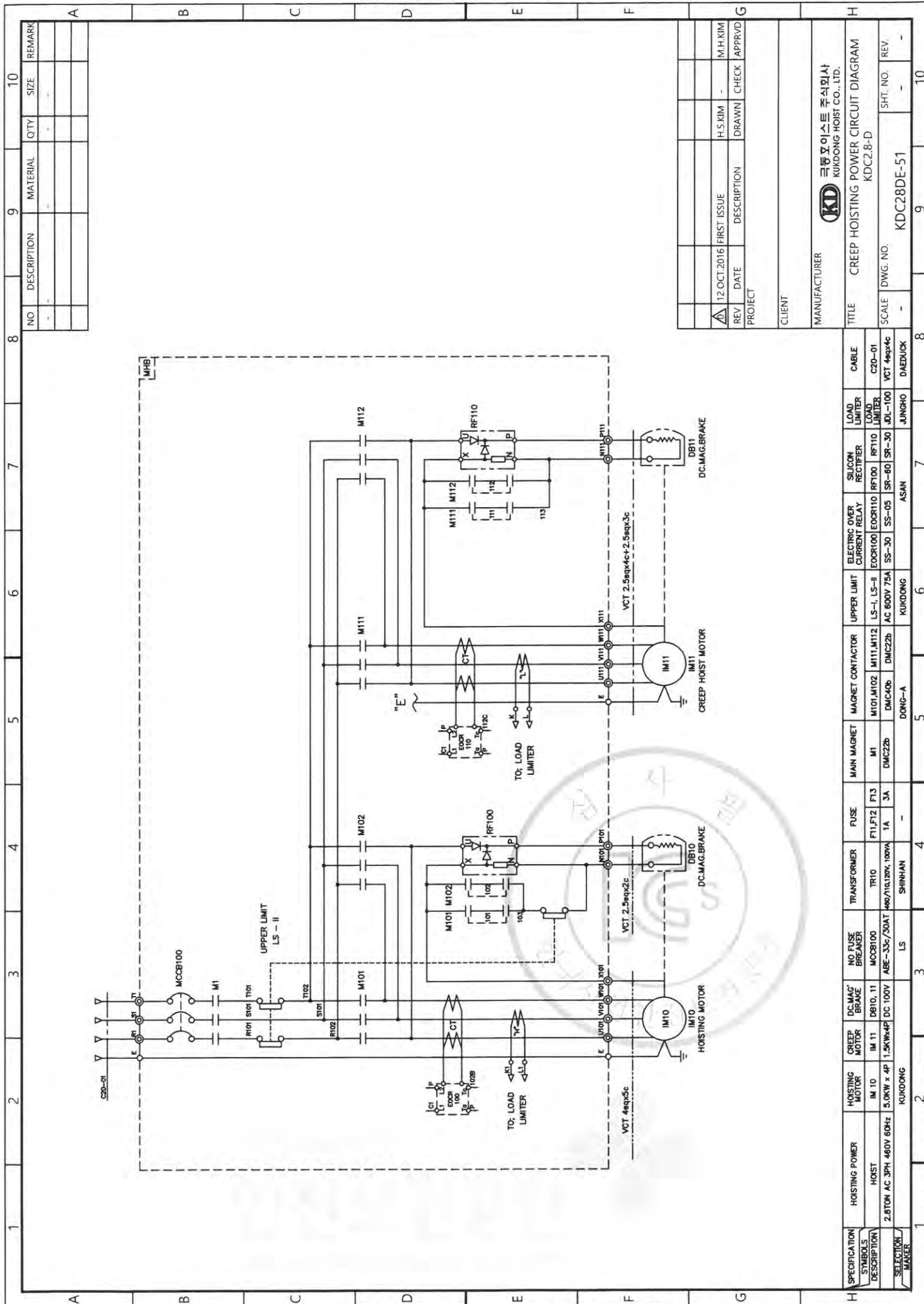
5. 외함 개방구조는 다음과 같을것.

1) 외함 개방시 충전부분이 차단되도록 할것.

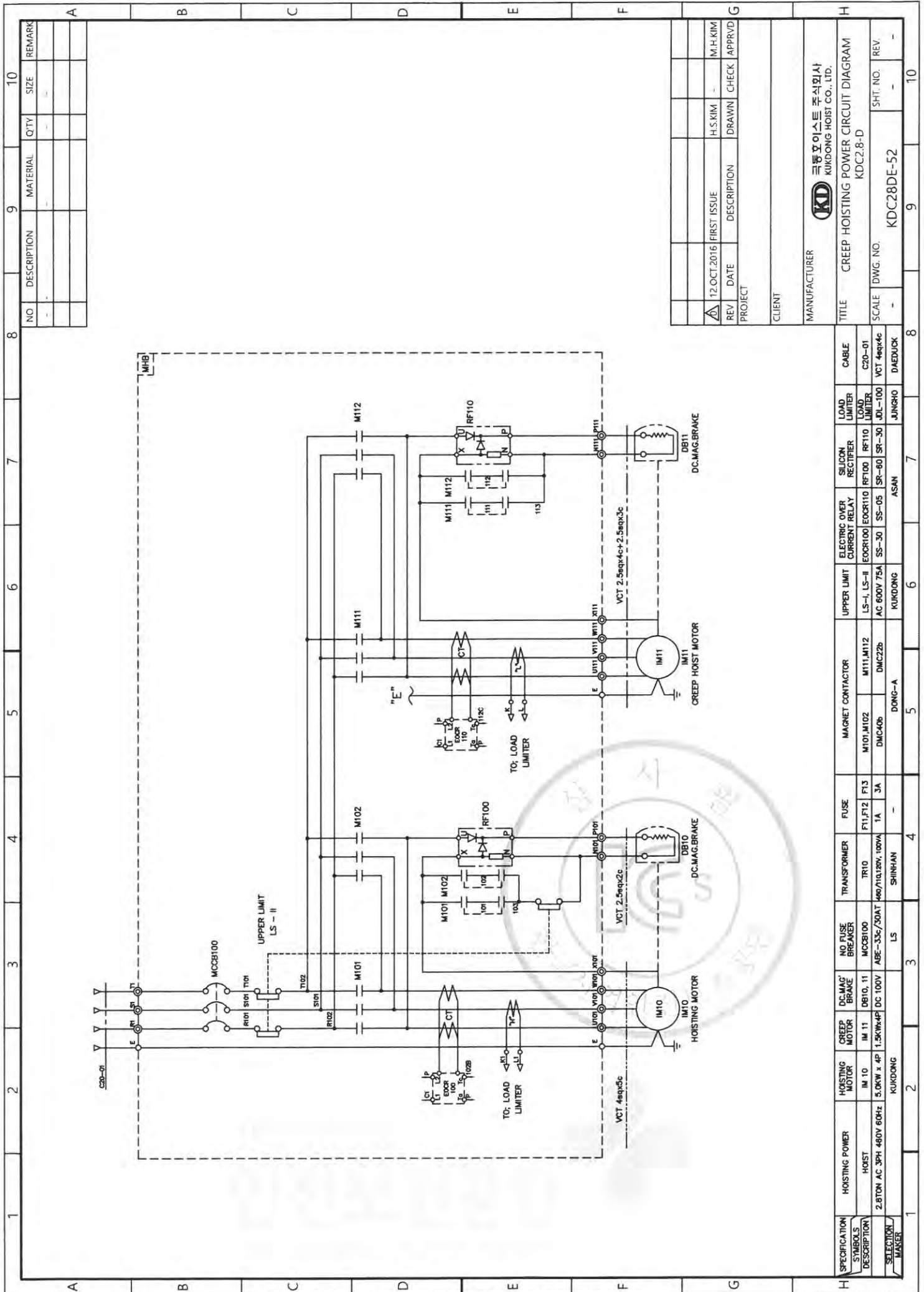
2) 외함 개방후 충전되어있는 부분은 IP2X 이상의 직접 접촉 방호가 되어있을것.



DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.
				NONE		
KUD KUK DONG HOIST CO., LTD.						KDC28bt52
TRAVERSING POWER CONTROL BOX						
ARRANGEMENT DRAWING						
CUSTOMER						
DRAWING TITLE						
REVISIONS						
DATE						
MK						
CHK.						
APP.						



NO	DESCRIPTION	MATERIAL	QTY	SIZE	REMARK
1	12 OCT. 2016	FIRST ISSUE	H.S.KIM	-	M.H.KIM
REV	DATE	DESCRIPTION	DRAWN	CHECK	APPROVD
PROJECT					
CLIENT					
MANUFACTURER	극동포리스트 주식회사 KUDONG HOIST CO., LTD.				
TITLE	CREEP HOISTING POWER CIRCUIT DIAGRAM				
SCALE	DWG. NO.	KDC28DE-51	SHT. NO.	REV.	

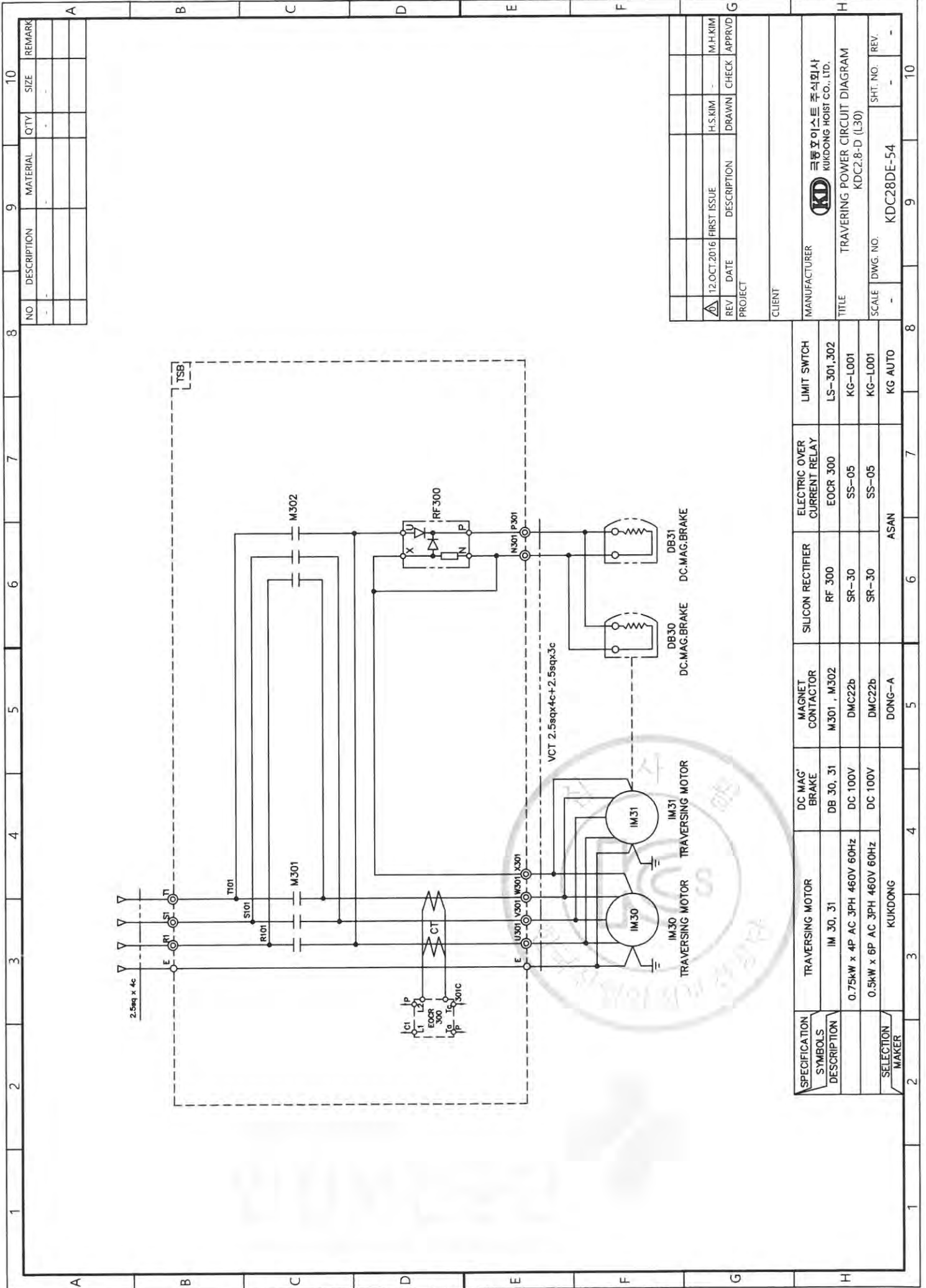


NO	DESCRIPTION	MATERIAL	QTY	SIZE	REMARK
1	12.OCT.2016	FIRST ISSUE	H.S.KIM	M.H.KIM	
REV	DATE	DESCRIPTION	DRAWN	CHECK	APPRVD
PROJECT					
CLIENT					
MANUFACTURER					
TITLE	CREEP HOISTING POWER CIRCUIT DIAGRAM				
SCALE	DWG. NO.	KDC28DE-52	SHT. NO.	REV.	
10	9	8	7	6	5

크동포이스트 주식회사
KUDONG HOIST CO., LTD.

SYMBOLS	HOISTING POWER	HOISTING MOTOR	DC MAG. BRAKE	NO FUSE BREAKER	TRANSFORMER	FUSE	MAGNET CONTACTOR	UPPER LIMIT	ELECTRIC OVER CURRENT RELAY	SILICON RECTIFIER	LOAD LIMITER	CABLE
DESCRIPTION	HOIST	IM 10	DB10, 11	MCCB100	TR10	F1, F2	M101, M102	LS-I, LS-II	EOCR100	RF100	RF110	C20-01
SELECTION	2.8TON AC 3PH 480V 60Hz	5.0KW x 4P	1.5KNx4P	DC 100V	400V/10/120V, 100VA	1A	DMC40b	AC 600V 75A	SS-30	SS-05	SR-60	SR-30
MAKER	KUDONG	KUDONG	LS	LS	SHINHAN	-	DONG-A	KUDONG	ASAN	ASAN	JUNCHO	DAEDUCK
1	2	3	4	5	6	7	8	9	10			

불법복제 및 배포금지



NO	DESCRIPTION	MATERIAL	QTY	SIZE	REMARK
1	12.OCT.2016	FIRST ISSUE	H.S.KIM	M.H.KIM	
REV	DATE	DESCRIPTION	DRAWN	CHECK	APPROVD
PROJECT					
CLIENT					
MANUFACTURER					
TITLE					
SCALE					
DWG. NO.					
SHT. NO.					
REV.					

SPECIFICATION	TRAVERSING MOTOR	DC MAG' BRAKE	MAGNET CONTACTOR	SILICON RECTIFIER	ELECTRIC OVER CURRENT RELAY	LIMIT SWITCH
SYMBOLS	IM 30, 31	DB 30, 31	M301, M302	RF 300	EOCR 300	LS-301,302
DESCRIPTION	0.75kW x 4P AC 3PH 460V 60Hz	DC 100V	DMC22b	SR-30	SS-05	KG-L001
SELECTION	0.5kW x 6P AC 3PH 460V 60Hz	DC 100V	DMC22b	SR-30	SS-05	KG-L001
MAKER	KUKDONG		DONG-A	ASAN		KG AUTO

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
1	CHASSIS PLATE		1	아 연 도 금
2	CABLE DUCT	-	1	
3	N.F.B	30AF/20AT	1	HOISTING
4	MAGNET CONTACTOR	DMC22b	1	MAIN MAG.
5	MAGNET CONTACTOR	DMC40b	2	HOISTING
6	MAGNET CONTACTOR	DMC22b	2	CREEP HOIST
7	SILICON RECTIFIER	SR-60	1	HOISTING
8	SILICON RECTIFIER	SR-30	1	CREEP HOIST
9	E.O.C.R	SS-30	1	HOISTING
10	E.O.C.R	SS-05	1	CREEP HOIST
11	FUSE	1 A	2	
12	FUSE	3 A	1	
13	TRANSFORMER	480V/110V,120V, 100VA	1	
14	UPPER LIMIT	AC 600V/75A	1	
15	TERMINAL BLOCK	60A,15A		
16	EARTH TERMINAL	3tx20x50	1	

NOTE 1. 전선의 색상은 다음과 같다.

1) 흑색 : 교류 및 직류 전원선으로 5) 청색 : 직류 제어회로

2) 적색 : 교류제어회로

3) 주황색 : 외부전원에서 공급되는 연동장치 제어회로

4) 녹색 또는 녹색과 황색 혼용 : 접지선

2. CABLE MATERIAL : KIV OR EQUIVALENT

MIN SIZE : 1.5sq

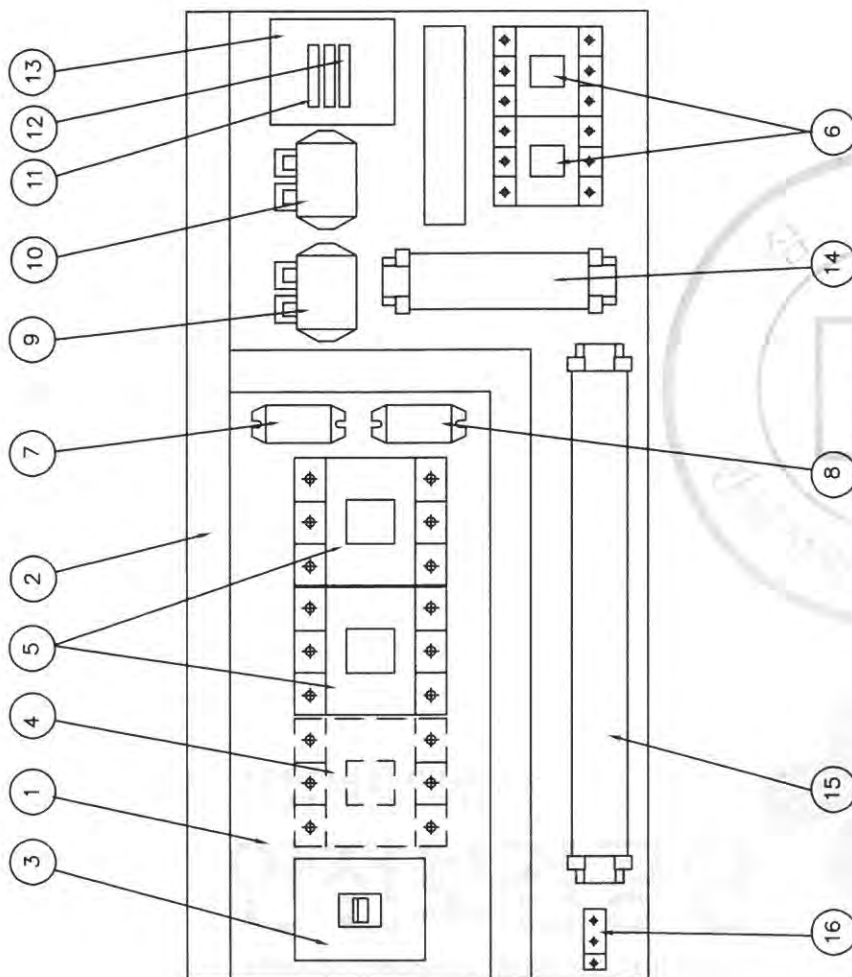
3. 제어용 전선 : 1.5mm KIV,HIV

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-1,LS-2의 접점 허용 전류 용량 : AC 600V, 75A

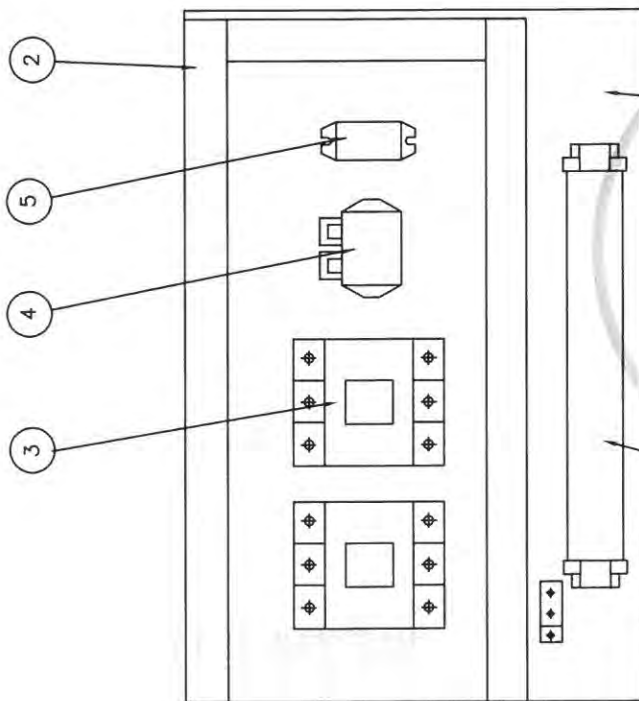
2. POWER SOURCE : AC. 3φ 480V 60HZ

3. EARTH TERMINAL RESISTANCE : 0.018 Ω



DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.
				NONE		
 KUK DONG HOIST CO., LTD.						KDC28BA61
HOIST CONTROL BOX ARRANGEMENT DRAWING						
CUSTOMER						
DRAWING TITLE						
REVISIONS						
DATE						
CHK.						
APP.						

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20.
ADR'S NO.																			



NO	DESCRIPTION	SPEC	Q'TY	REMARK
1	CHASSIS PLATE	-	1	아 연 도 금
2	CABLE DUCT	-	1	
3	MAGNET CONTACT	DMC22b	2	TRAVERSING
4	E.O.C.R	SS-05	1	TRAVERSING
5	SILICON RECTIFIER	SR-30	1	TRAVERSING
6	TERMINAL BLOCK	25A , 15A	1	TRAVERSING

NOTE 1. 전선의 색상은 다음과 같다.

1) 흑색 : 교류 및 직류 전원선로 5) 청 색 : 직류 제어회로

2) 적색 : 교류제어회로

3) 주황색 : 외부전원에서 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. 제자시 다소 변경 될수있음.

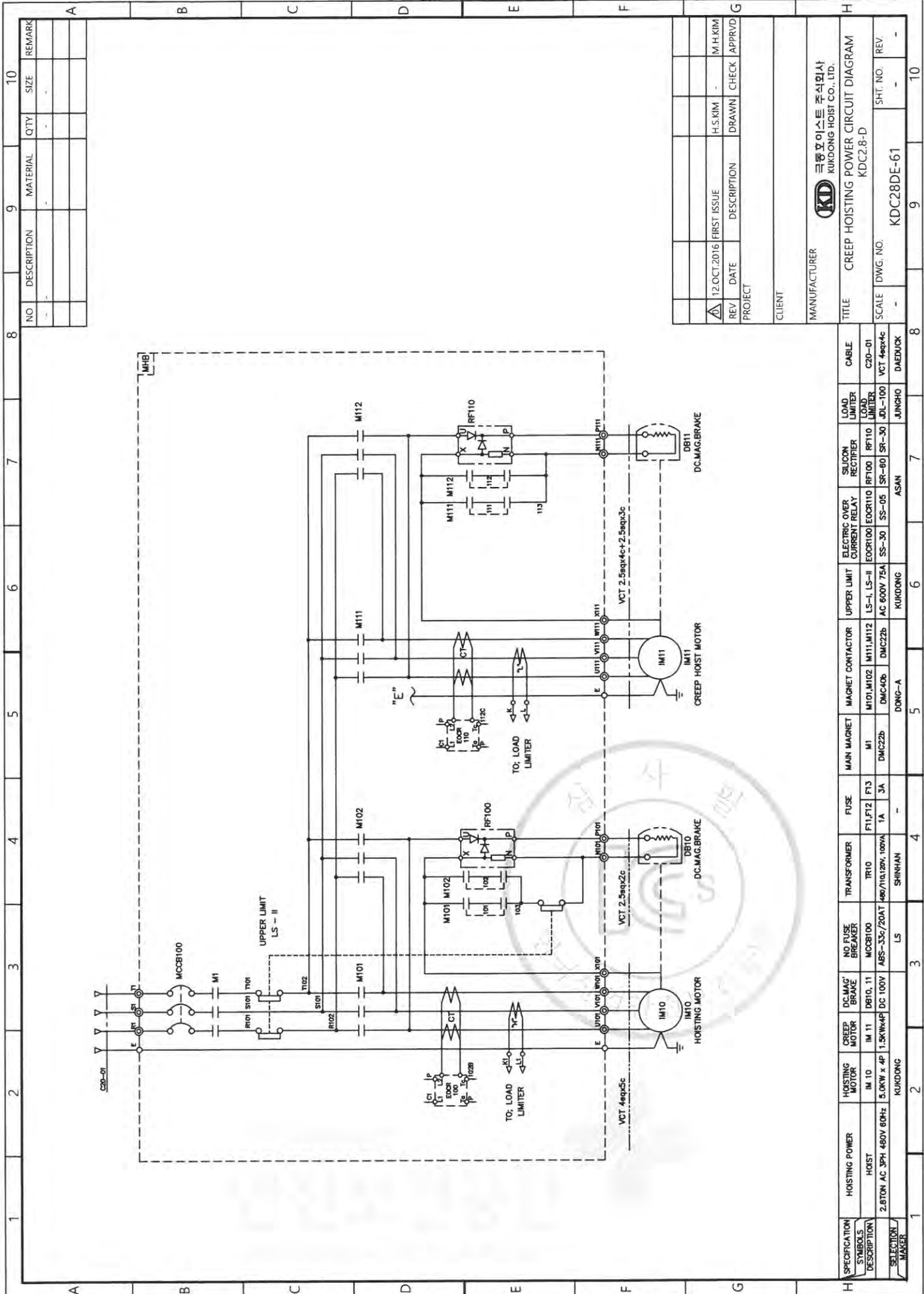
5. 외함 개방구조는 다음과 같을것.

1) 외함 개방시 충전부분이 차단되도록 할것.

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



DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.
				NONE		
 KUK DONG HOIST CO., LTD.						KDC28bt62
TRAVERSING POWER CONTROL BOX ARRANGEMENT DRAWING						
CUSTOMER						
DRAWING TITLE						
REVISIONS						
DATE						
MK						



NO	DESCRIPTION	MATERIAL	QTY	SIZE	REMARK
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					

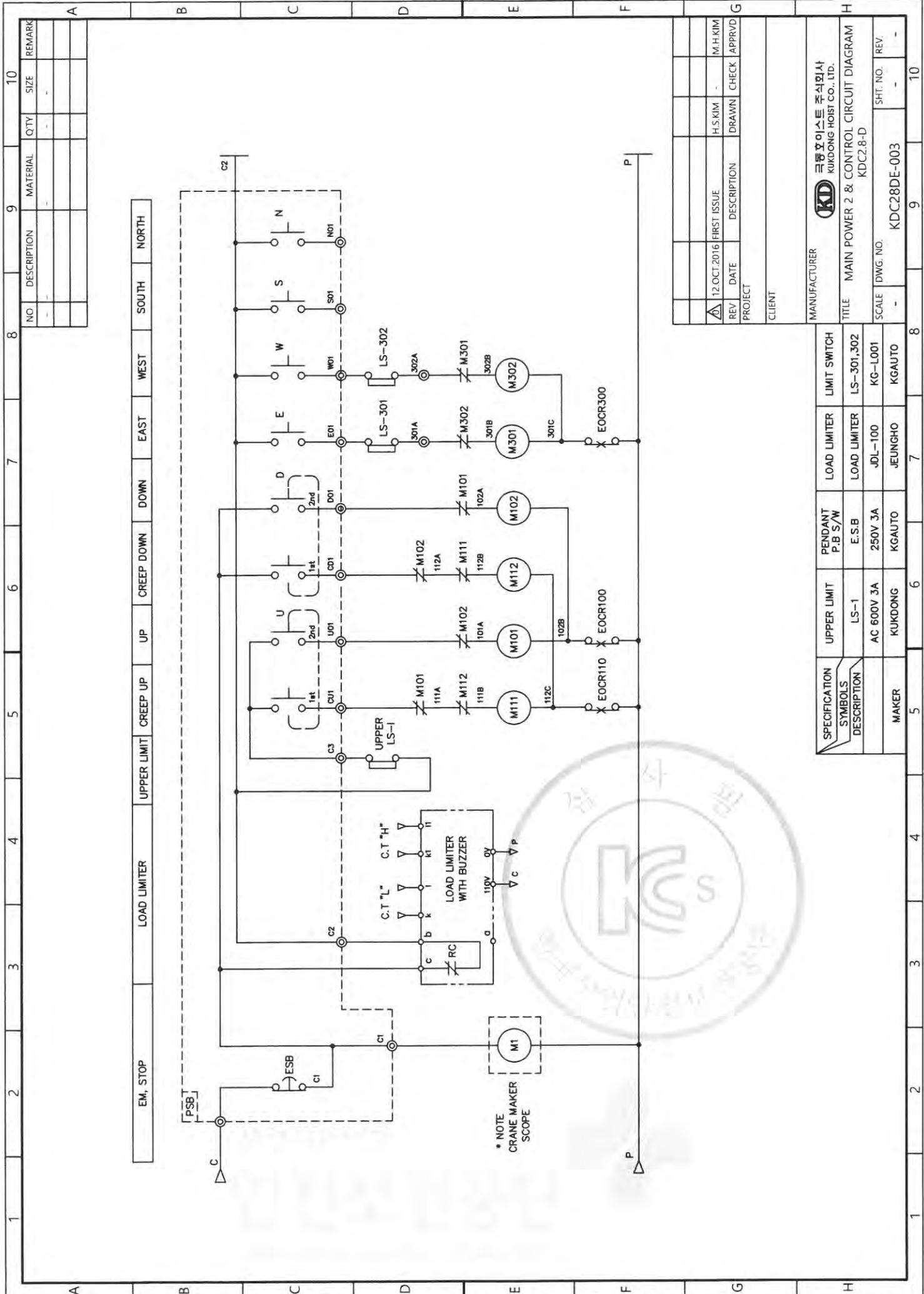
12.OCT.2016	FIRST ISSUE	H.S.KIM	-	M.H.KIM
REV	DATE	DESCRIPTION	DRAWN	CHECK
PROJECT				APPRVD
CLIENT				
MANUFACTURER				
TITLE				
SCALE				
DWG. NO.				
SHT. NO.				
REV.				

KUKDONG HOIST CO., LTD.	KDC2.8-D	KDC28DE-61	9	10
-------------------------	----------	------------	---	----

SPECIFICATION SYMBOLS	HOISTING POWER	HOISTING MOTOR	HOISTING MOTOR	DC MAG. BRAKE	NO FUSE BREAKER	TRANSFORMER	FUSE	MAIN MAGNET	MAGNET CONTACTOR	UPPER LIMIT	ELECTRIC OVER CURRENT RELAY	SILICON RECTIFIER	LOAD LIMITER	CABLE
DESCRIPTION	HOIST	IM 10	IM 11	DB10, 11	MCCB100	TR10	F1, F2, F3	M1	M101, M102	LS-1, LS-2	EOCR100	RF100	RF110	C20-01
SELECTION MAKER	2.8TON AC 3PH 480V 60Hz	5.0KW x 4P	1.5KWx4P	DC 100V	ABS-35C/20AT	480V/10A/20V, 100VA	1A	3A	DMC22b	AC 600V 75A	SS-30	SS-60	SR-30	DMEDUCK

192.168.11.51 / 2020-09-02 13:25:53



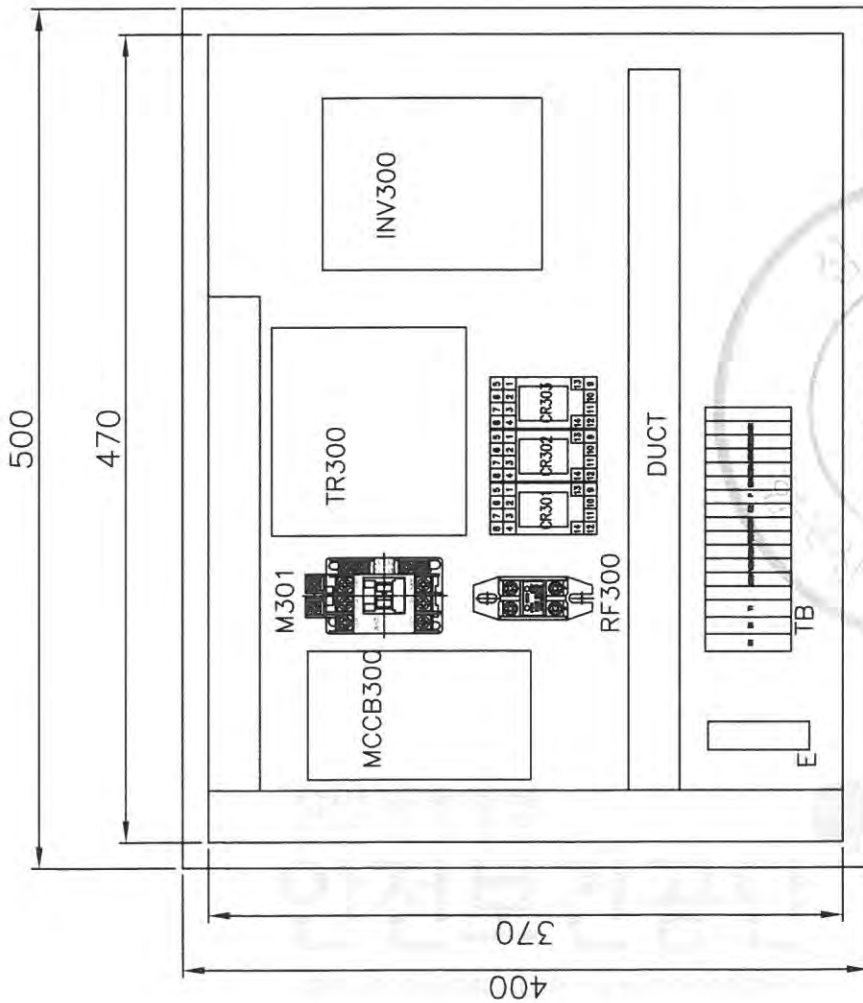


NO	DESCRIPTION	MATERIAL	QTY	SIZE	REMARK
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					

REV	DATE	DESCRIPTION	DRAWN	CHECK	APPROVD
12 OCT 2016		FIRST ISSUE	H.S.KIM		M.H.KIM
PROJECT					
CLIENT					

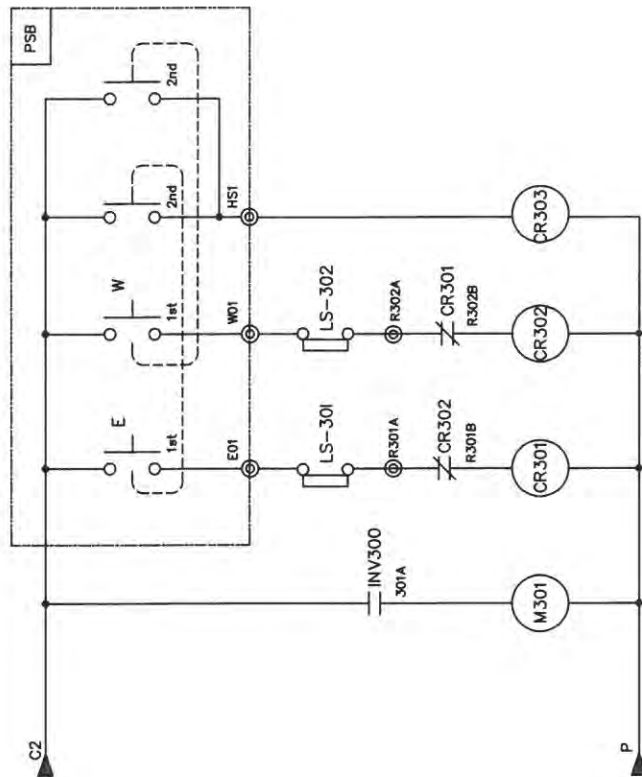
SPECIFICATION		UPPER LIMIT	PENDANT P.B S/W	LOAD LIMITER	LIMIT SWITCH
SYMBOLS		LS-1	E.S.B	LOAD LIMITER	LS-301,302
DESCRIPTION		AC 600V 3A	250V 3A	JDL-100	KG-LO01
MAKER		KUKDONG	KGAUTO	JEUNGHO	KGAUTO

MANUFACTURER		KUDONG HOIST CO., LTD.	
TITLE		MAIN POWER 2 & CONTROL CIRCUIT DIAGRAM	
SCALE		KDC28DE-003	
DWG. NO.		KDC28DE-003	
SHT. NO.		10	
REV.		-	

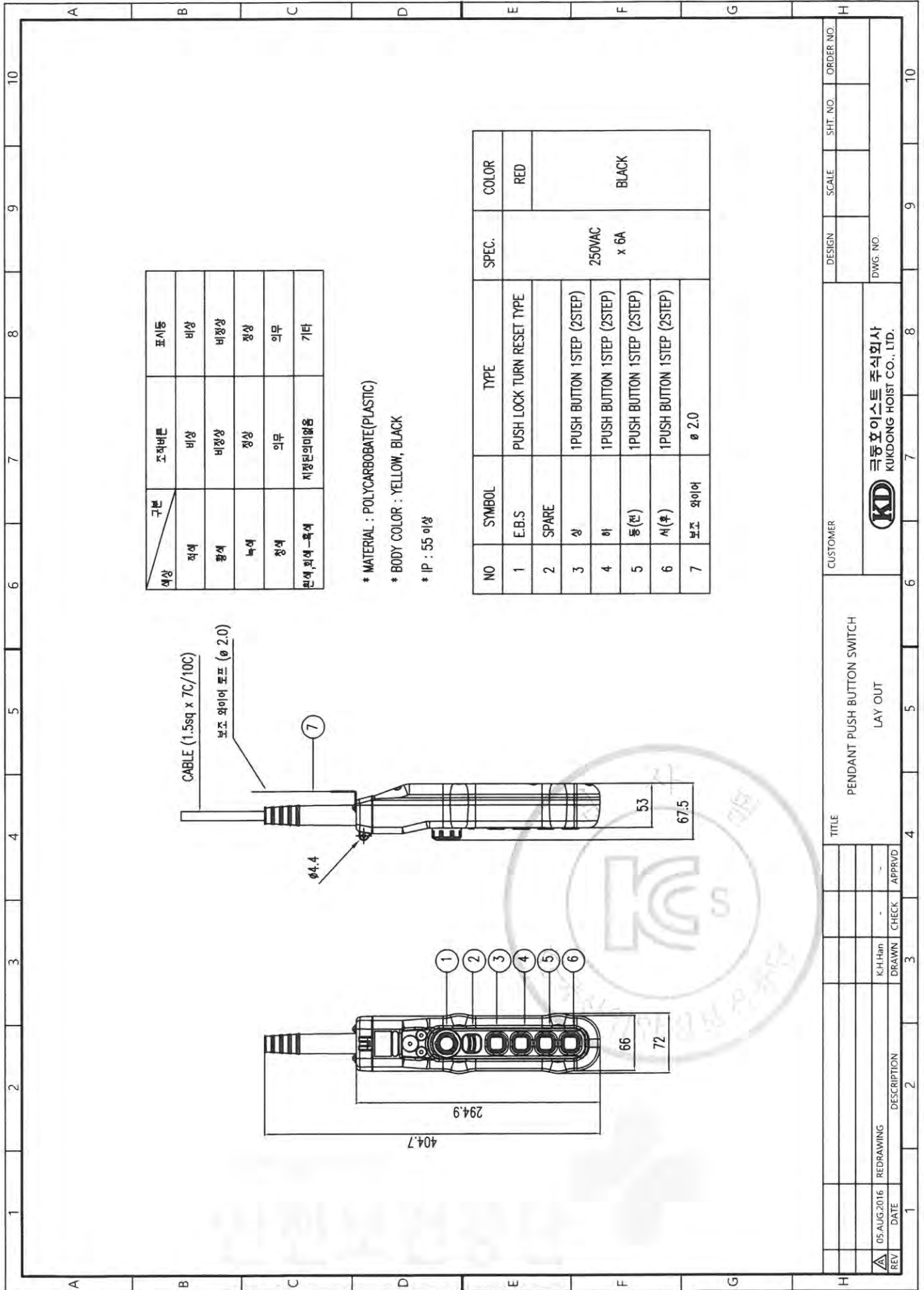


R1	S1	T1	UL30 IV301W301P301K301	C2	P	ED1 R301W1 R302A	HS1
----	----	----	------------------------	----	---	------------------	-----

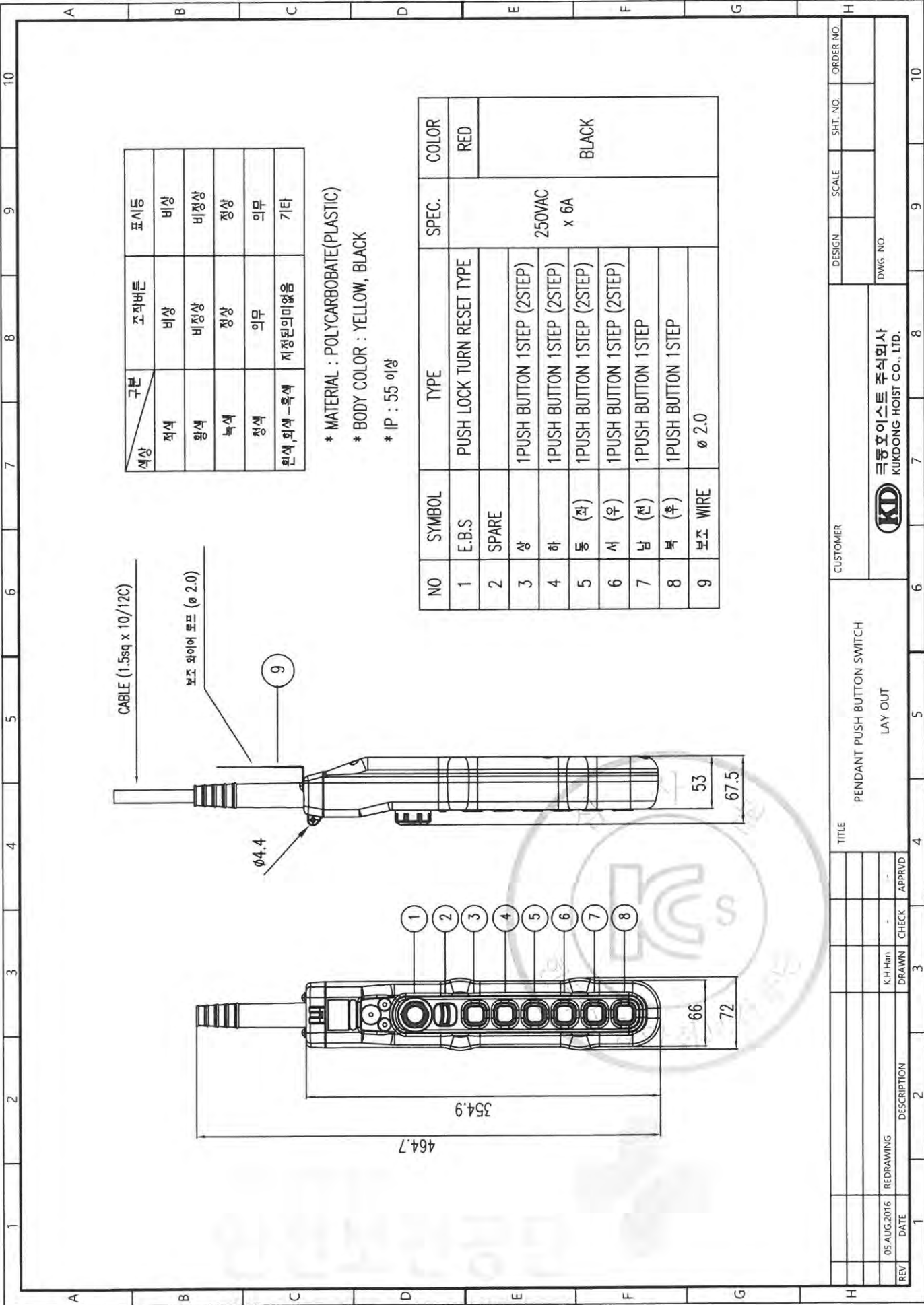
NO.	DESCRIPTION	MTL	SUB QTY	TOTAL	SUB WEIGHT(kg)	TOTAL	DATE		DIM	REMARKS.
2	속 판	SS275		1						
1	T/S BOX	PUR		1						
PROJECT TITLE DRAWN T/S CONTROL PANEL(INVERTER) DESIGNED CHECKED APPROVED SCALE A3/3 REF. DRAWING										
11 EARTH BUS BAR 10 DUCT 9 TERMINAL BLOCK 8 INVERTER 7 TR 6 RELAY & SCOKET 5 RF 4 MC 3 MCCB PUR PUR PUR PUR PUR PUR PUR PUR PUR 1 1 1 1 1 1 1 1 1										
극동호이스트 주식회사 KUK DONG HOIST CO., LTD. SHEET No. DWG No. KD28EI001										

[illegible]

192.168.11.51 / 2020-09-02 13:25:53



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



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



DSR DSR WIRE CORP

ORIGINAL

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 : 201802-SAMPLE-2

Reel/Coil No : 2

Purchaser : -

Date : 2018. 01. 01

P.O No : -

L/C No. : -

Invoice No : SAMPLE

1. TYPE / GRADE

Construction : 6XWS(36)+FC
Diameter : 9 MM
Length : 1,000 MTRS
Specification : KS D 3514

Coating : BRIGHT
Grade : 1,770
Lay : RHRL
Lubrication : A-2

2. ROPE TEST RESULTS

Items	Norminal or Specified	Actual
Diameter	9 MM	9.25 MM
Breaking Strength	48.0 KN	49.6 KN
Lay Length	- MM	57 MM
Preforming	Good	Good

3. WIRE TEST RESULTS

Items	Norminal or Specified	Actual
Diameter	0.50 MM	0.51 MM
Tensile Strength	1,770 N/MM2	1,835 N/MM2
Break Force	347 N	375 N
Torsion	27	43
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
SA 30293	0.72	0.20	0.48	0.008	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 2Factory : 38, Sandan 4-gil, Seo-myeon, Suncheon-si Jeonnam-do, Korea
Quality Management Dept



Handwritten Signature
Chief Inspector

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	
C1 TON	2.4KW x 4P	10.0 A	1 DRAVE	SS-30	3 SEC	1 SEC	11.0 A	
	0.4KW x 4P	2.7 A	1 DRAVE	SS-05	3 SEC	1 SEC	3.0 A	
C2 TON	3.7KW x 4P	16.0 A	1 DRAVE	SS-30	3 SEC	1 SEC	17.6 A	
	0.4KW x 4P	2.7 A	1 DRAVE	SS-05	3 SEC	1 SEC	3.0 A	
C2.8 TON	5.0KW x 4P	23.0 A	1 DRAVE	SS-30	3 SEC	1 SEC	25.3 A	
	1.5KW x 4P	7.3 A	1 DRAVE	SS-30	3 SEC	1 SEC	8.0 A	
C3 TON	5.5KW x 4P	22.8 A	1 DRAVE	SS-30	3 SEC	1 SEC	25.1 A	
	1.5KW x 4P	7.3 A	1 DRAVE	SS-30	3 SEC	1 SEC	8.0 A	
C5 TON	5.5KW x 6P	28.2 A	1 DRAVE	SS-30	3 SEC	1 SEC	31.0 A	
	1.0KW x 6P	6.7 A	1 DRAVE	SS-30	3 SEC	1 SEC	7.4 A	
C7.5 TON	5.5KW x 6P	28.2 A	1 DRAVE	SS-30	3 SEC	1 SEC	31.0 A	
	1.0KW x 6P	6.7 A	1 DRAVE	SS-30	3 SEC	1 SEC	7.4 A	
C10 TON	9.0KW x 8P	45.0 A	1 DRAVE	SS-60	3 SEC	1 SEC	49.5 A	
	1.1KW x 8P	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

극동호이스트(주)

* POWER SOURCE : AC 3Φ 380V 60Hz

HOIST	MOTOR 용량	1 정격 전류	DRIVE TYPE	E.O.C.R TYPE	권고 SETTING 치			REMARK
					DELAY TIME	OPERATION TIME	CURRENT	
C1 TON	2.4KW x 4P	5.8 A	1 DRAVE	SS-30	3 SEC	1 SEC	6.4 A	
	0.4KW x 4P	1.6 A	1 DRAVE	SS-05	3 SEC	1 SEC	1.8 A	
C2 TON	3.7KW x 4P	9.3 A	1 DRAVE	SS-30	3 SEC	1 SEC	10.2 A	
	0.4KW x 4P	1.6 A	1 DRAVE	SS-05	3 SEC	1 SEC	1.8 A	
C2.8 TON	5.0KW x 4P	12.2 A	1 DRAVE	SS-30	3 SEC	1 SEC	13.4 A	
	1.5KW x 4P	4.2 A	1 DRAVE	SS-05	3 SEC	1 SEC	4.6 A	
C3 TON	5.5KW x 4P	12.2 A	1 DRAVE	SS-30	3 SEC	1 SEC	13.4 A	
	1.5KW x 4P	4.2 A	1 DRAVE	SS-05	3 SEC	1 SEC	4.6 A	
C5 TON	5.5KW x 6P	16.3 A	1 DRAVE	SS-30	3 SEC	1 SEC	17.9 A	
	1.0KW x 6P	3.9 A	1 DRAVE	SS-05	3 SEC	1 SEC	4.3 A	
C7.5 TON	5.5KW x 6P	16.3 A	1 DRAVE	SS-30	3 SEC	1 SEC	17.9 A	
	1.0KW x 6P	3.9 A	1 DRAVE	SS-05	3 SEC	1 SEC	4.3 A	
C10 TON	9.0KW x 8P	26.0 A	1 DRAVE	SS-30	3 SEC	1 SEC	28.6 A	
	1.1KW x 8P	4.6 A	1 DRAVE	SS-05	3 SEC	1 SEC	5.1 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	
C1 TON	2.4KW x 4P	5.0 A	1 DRAVE	SS-30	3 SEC	1 SEC	5.5 A	
	0.4KW x 4P	1.4 A	1 DRAVE	SS-05	3 SEC	1 SEC	1.5 A	
C2 TON	3.7KW x 4P	8.0 A	1 DRAVE	SS-30	3 SEC	1 SEC	8.8 A	
	0.4KW x 4P	1.4 A	1 DRAVE	SS-05	3 SEC	1 SEC	1.5 A	
C2.8 TON	5.0KW x 4P	10.5 A	1 DRAVE	SS-30	3 SEC	1 SEC	11.6 A	
	1.5KW x 4P	3.7 A	1 DRAVE	SS-05	3 SEC	1 SEC	4.1 A	
C3 TON	5.5KW x 4P	10.5 A	1 DRAVE	SS-30	3 SEC	1 SEC	11.6 A	
	1.5KW x 4P	3.7 A	1 DRAVE	SS-05	3 SEC	1 SEC	4.1 A	
C5 TON	5.5KW x 6P	14.1 A	1 DRAVE	SS-30	3 SEC	1 SEC	15.5 A	
	1.0KW x 6P	3.3 A	1 DRAVE	SS-05	3 SEC	1 SEC	3.6 A	
C7.5 TON	5.5KW x 6P	14.1 A	1 DRAVE	SS-30	3 SEC	1 SEC	15.5 A	
	1.0KW x 6P	3.3 A	1 DRAVE	SS-05	3 SEC	1 SEC	3.6 A	
C10 TON	9.0KW x 8P	22.5 A	1 DRAVE	SS-30	3 SEC	1 SEC	24.8 A	
	1.1KW x 8P	4.0 A	1 DRAVE	SS-05	3 SEC	1 SEC	4.4 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	
C1 TON	2.4KW x 4P	4.8 A	1 DRAVE	SS-30	3 SEC	1 SEC	5.3 A	
	0.4KW x 4P	1.4 A	1 DRAVE	SS-05	3 SEC	1 SEC	1.5 A	
C2 TON	3.7KW x 4P	7.7 A	1 DRAVE	SS-30	3 SEC	1 SEC	8.5 A	
	0.4KW x 4P	1.4 A	1 DRAVE	SS-05	3 SEC	1 SEC	1.5 A	
C2.8 TON	5.0KW x 4P	10.0 A	1 DRAVE	SS-30	3 SEC	1 SEC	11.0 A	
	1.5KW x 4P	3.5 A	1 DRAVE	SS-05	3 SEC	1 SEC	3.9 A	
C3 TON	5.5KW x 4P	10.0 A	1 DRAVE	SS-30	3 SEC	1 SEC	11.0 A	
	1.5KW x 4P	3.5 A	1 DRAVE	SS-05	3 SEC	1 SEC	3.9 A	
C5 TON	5.5KW x 6P	13.5 A	1 DRAVE	SS-30	3 SEC	1 SEC	14.9 A	
	1.0KW x 6P	3.2 A	1 DRAVE	SS-05	3 SEC	1 SEC	3.5 A	
C7.5 TON	5.5KW x 6P	13.5 A	1 DRAVE	SS-30	3 SEC	1 SEC	14.9 A	
	1.0KW x 6P	3.2 A	1 DRAVE	SS-05	3 SEC	1 SEC	3.5 A	
C10 TON	9.0KW x 8P	21.5 A	1 DRAVE	SS-30	3 SEC	1 SEC	23.7 A	
	1.1KW x 8P	4.0 A	1 DRAVE	SS-05	3 SEC	1 SEC	4.4 A	

NOTE

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

E.O.C.R 권고 SETTING치

극동호이스트(주)

* POWER SOURCE : AC 3Φ 480V 60Hz

HOIST	MOTOR 용량	MOTOR 정격 전류	DRIVE TYPE	E.O.C.R TYPE	권고 SETTING 치			REMARK
					DELAY TIME	OPERATION TIME	CURRENT	
C1 TON	2.4KW x 4P	4.6 A	1 DRAVE	SS-30	3 SEC	1 SEC	5.1 A	
	0.4KW x 4P	1.4 A	1 DRAVE	SS-05	3 SEC	1 SEC	1.5 A	
C2 TON	3.7KW x 4P	7.3 A	1 DRAVE	SS-30	3 SEC	1 SEC	8.0 A	
	0.4KW x 4P	1.4 A	1 DRAVE	SS-05	3 SEC	1 SEC	1.5 A	
C2.8 TON	5.0KW x 4P	9.6 A	1 DRAVE	SS-30	3 SEC	1 SEC	10.6 A	
	1.5KW x 4P	3.4 A	1 DRAVE	SS-05	3 SEC	1 SEC	3.7 A	
C3 TON	5.5KW x 4P	9.6 A	1 DRAVE	SS-30	3 SEC	1 SEC	10.6 A	
	1.5KW x 4P	3.4 A	1 DRAVE	SS-05	3 SEC	1 SEC	3.7 A	
C5 TON	5.5KW x 6P	12.9 A	1 DRAVE	SS-30	3 SEC	1 SEC	14.2 A	
	1.0KW x 6P	3.1 A	1 DRAVE	SS-05	3 SEC	1 SEC	3.4 A	
C7.5 TON	5.5KW x 6P	12.9 A	1 DRAVE	SS-30	3 SEC	1 SEC	14.2 A	
	1.0KW x 6P	3.1 A	1 DRAVE	SS-05	3 SEC	1 SEC	3.4 A	
C10 TON	9.0KW x 8P	20.6 A	1 DRAVE	SS-30	3 SEC	1 SEC	22.7 A	
	1.1KW x 8P	4.0 A	1 DRAVE	SS-05	3 SEC	1 SEC	4.4 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

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%				
C1 TON	2.4KW x 4P	110%	1 SEC	1 SEC	10 A	11.0 A	CT-2	K-K1, L-L1	5 V.A	
	0.4KW x 4P	110%	1 SEC	1 SEC	2.7 A	3.0 A	CT-1	K-K1, L-L1	5 V.A	
C2 TON	3.7KW x 4P	110%	1 SEC	1 SEC	16.0 A	17.6 A	CT-2	K-K1, L-L1	5 V.A	
	0.4KW x 4P	110%	1 SEC	1 SEC	2.7 A	3.0 A	CT-1	K-K1, L-L1	5 V.A	
C2.8 TON	5.0KW x 4P	110%	1 SEC	1 SEC	23.0 A	25.3 A	CT-2	K-K1, L-L1	5 V.A	
	1.5KW x 4P	110%	1 SEC	1 SEC	7.3 A	8.1 A	CT-1	K-K1, L-L1	5 V.A	
C3 TON	5.5KW x 4P	110%	1 SEC	1 SEC	22.8 A	25.1 A	CT-2	K-K1, L-L1	5 V.A	
	1.5KW x 4P	110%	1 SEC	1 SEC	7.3 A	8.1 A	CT-1	K-K1, L-L1	5 V.A	
C5 TON	5.5KW x 6P	110%	1 SEC	1 SEC	28.2 A	31.1 A	CT-2	K-K1, L-L1	5 V.A	
	1.0KW x 6P	110%	1 SEC	1 SEC	6.7 A	7.4 A	CT-1	K-K1, L-L1	5 V.A	
C7.5 TON	5.5KW x 6P	110%	1 SEC	1 SEC	28.2 A	31.1 A	CT-2	K-K1, L-L1	5 V.A	
	1.0KW x 6P	110%	1 SEC	1 SEC	6.7 A	7.4 A	CT-1	K-K1, L-L1	5 V.A	
C10 TON	9.0KW x 8P	110%	1 SEC	1 SEC	45.0 A	50.0 A	CT-2	K-K1, L-L1	5 V.A	
	1.1KW x 8P	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 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%				
C1 TON	2.4KW x 4P	110%	1 SEC	1 SEC	5.8 A	6.4 A	CT-2	K-K1, L-L1	5 V.A	
	0.4KW x 4P	110%	1 SEC	1 SEC	1.6 A	1.8 A	CT-1	K-K1, L-L1	5 V.A	
C2 TON	3.7KW x 4P	110%	1 SEC	1 SEC	9.3 A	10.3 A	CT-2	K-K1, L-L1	5 V.A	
	0.4KW x 4P	110%	1 SEC	1 SEC	1.6 A	2.1 A	CT-1	K-K1, L-L1	5 V.A	
C2.8 TON	5.0KW x 4P	110%	1 SEC	1 SEC	12.2 A	13.5	CT-2	K-K1, L-L1	5 V.A	
	1.5KW x 4P	110%	1 SEC	1 SEC	4.2 A	4.7 A	CT-1	K-K1, L-L1	5 V.A	
C3 TON	5.5KW x 4P	110%	1 SEC	1 SEC	12.2 A	13.5 A	CT-2	K-K1, L-L1	5 V.A	
	1.5KW x 4P	110%	1 SEC	1 SEC	4.2 A	4.7 A	CT-1	K-K1, L-L1	5 V.A	
C5 TON	5.5KW x 6P	110%	1 SEC	1 SEC	16.3 A	18.0 A	CT-2	K-K1, L-L1	5 V.A	
	1.0KW x 6P	110%	1 SEC	1 SEC	3.9 A	4.3 A	CT-1	K-K1, L-L1	5 V.A	
C7.5 TON	5.5KW x 6P	110%	1 SEC	1 SEC	16.3 A	18.0 A	CT-2	K-K1, L-L1	5 V.A	
	1.0KW x 6P	110%	1 SEC	1 SEC	3.9 A	4.3 A	CT-1	K-K1, L-L1	5 V.A	
C10 TON	9.0KW x 8P	110%	1 SEC	1 SEC	26.0 A	28.6 A	CT-2	K-K1, L-L1	5 V.A	
	1.1KW x 8P	110%	1 SEC	1 SEC	4.6 A	5.1 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%				
C1 TON	2.4KW x 4P	110%	1 SEC	1 SEC	5.0 A	5.5 A	CT-2	K-K1, L-L1	5 V.A	
	0.4KW x 4P	110%	1 SEC	1 SEC	1.4 A	1.6 A	CT-1	K-K1, L-L1	5 V.A	
C2 TON	3.7KW x 4P	110%	1 SEC	1 SEC	8.0 A	8.8 A	CT-2	K-K1, L-L1	5 V.A	
	0.4KW x 4P	110%	1 SEC	1 SEC	1.4 A	1.6 A	CT-1	K-K1, L-L1	5 V.A	
C2.8 TON	5.0KW x 4P	110%	1 SEC	1 SEC	10.5 A	11.6 A	CT-2	K-K1, L-L1	5 V.A	
	1.5KW x 4P	110%	1 SEC	1 SEC	3.7 A	4.1 A	CT-1	K-K1, L-L1	5 V.A	
C3 TON	5.5KW x 4P	110%	1 SEC	1 SEC	10.5 A	11.6 A	CT-2	K-K1, L-L1	5 V.A	
	1.5KW x 4P	110%	1 SEC	1 SEC	3.7 A	4.1 A	CT-1	K-K1, L-L1	5 V.A	
C5 TON	5.5KW x 6P	110%	1 SEC	1 SEC	14.1 A	15.6 A	CT-2	K-K1, L-L1	5 V.A	
	1.0KW x 6P	110%	1 SEC	1 SEC	3.3 A	3.7 A	CT-1	K-K1, L-L1	5 V.A	
C7.5 TON	5.5KW x 6P	110%	1 SEC	1 SEC	14.1 A	15.6 A	CT-2	K-K1, L-L1	5 V.A	
	1.0KW x 6P	110%	1 SEC	1 SEC	3.3 A	3.7 A	CT-1	K-K1, L-L1	5 V.A	
C10 TON	9.0KW x 8P	110%	1 SEC	1 SEC	22.5 A	24.8 A	CT-2	K-K1, L-L1	5 V.A	
	1.1KW x 8P	110%	1 SEC	1 SEC	4.0 A	4.4 A	CT-1	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

극동호이스트(주)

* POWER SOURCE : AC 3 ̸ 460V 60Hz

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%				
C1 TON	2.4KW x 4P	110%	1 SEC	1 SEC	4.8 A	5.3 A	CT-2	K-K1, L-L1	5 V.A	
	0.4KW x 4P	110%	1 SEC	1 SEC	1.3 A	1.5 A	CT-1	K-K1, L-L1	5 V.A	
C2 TON	3.7KW x 4P	110%	1 SEC	1 SEC	7.7 A	8.5 A	CT-2	K-K1, L-L1	5 V.A	
	0.4KW x 4P	110%	1 SEC	1 SEC	1.3 A	1.5 A	CT-1	K-K1, L-L1	5 V.A	
C2.8 TON	5.0KW x 4P	110%	1 SEC	1 SEC	10.0 A	11.0 A	CT-2	K-K1, L-L1	5 V.A	
	1.5KW x 4P	110%	1 SEC	1 SEC	3.5 A	3.9 A	CT-1	K-K1, L-L1	5 V.A	
C3 TON	5.5KW x 4P	110%	1 SEC	1 SEC	10.0 A	11.0 A	CT-2	K-K1, L-L1	5 V.A	
	1.5KW x 4P	110%	1 SEC	1 SEC	3.5 A	3.9 A	CT-1	K-K1, L-L1	5 V.A	
C5 TON	5.5KW x 6P	110%	1 SEC	1 SEC	13.5 A	14.9 A	CT-2	K-K1, L-L1	5 V.A	
	1.0KW x 6P	110%	1 SEC	1 SEC	3.2 A	3.6 A	CT-1	K-K1, L-L1	5 V.A	
C7.5 TON	5.5KW x 6P	110%	1 SEC	1 SEC	13.5 A	14.9 A	CT-2	K-K1, L-L1	5 V.A	
	1.0KW x 6P	110%	1 SEC	1 SEC	3.2 A	3.6 A	CT-1	K-K1, L-L1	5 V.A	
C10 TON	9.0KW x 8P	110%	1 SEC	1 SEC	21.5 A	23.7 A	CT-2	K-K1, L-L1	5 V.A	
	1.1KW x 8P	110%	1 SEC	1 SEC	4.0 A	4.4 A	CT-1	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%				
C1 TON	2.4KW x 4P	110%	1 SEC	1 SEC	4.6 A	5.1 A	CT-2	K-K1, L-L1	5 V.A	
	0.4KW x 4P	110%	1 SEC	1 SEC	1.2 A	1.4 A	CT-1	K-K1, L-L1	5 V.A	
C2 TON	3.7KW x 4P	110%	1 SEC	1 SEC	7.3 A	8.1 A	CT-2	K-K1, L-L1	5 V.A	
	0.4KW x 4P	110%	1 SEC	1 SEC	1.2 A	1.4 A	CT-1	K-K1, L-L1	5 V.A	
C2.8 TON	5.0KW x 4P	110%	1 SEC	1 SEC	9.6 A	10.6 A	CT-2	K-K1, L-L1	5 V.A	
	1.5KW x 4P	110%	1 SEC	1 SEC	3.4 A	3.8 A	CT-1	K-K1, L-L1	5 V.A	
C3 TON	5.5KW x 4P	110%	1 SEC	1 SEC	9.6 A	10.6 A	CT-2	K-K1, L-L1	5 V.A	
	1.5KW x 4P	110%	1 SEC	1 SEC	3.4 A	3.8 A	CT-1	K-K1, L-L1	5 V.A	
C5 TON	5.5KW x 6P	110%	1 SEC	1 SEC	12.9 A	14.2 A	CT-2	K-K1, L-L1	5 V.A	
	1.0KW x 6P	110%	1 SEC	1 SEC	3.1 A	3.5 A	CT-1	K-K1, L-L1	5 V.A	
C7.5 TON	5.5KW x 6P	110%	1 SEC	1 SEC	12.9 A	14.2 A	CT-2	K-K1, L-L1	5 V.A	
	1.0KW x 6P	110%	1 SEC	1 SEC	3.1 A	3.5 A	CT-1	K-K1, L-L1	5 V.A	
C10 TON	9.0KW x 8P	110%	1 SEC	1 SEC	20.6 A	22.7 A	CT-2	K-K1, L-L1	5 V.A	
	1.1KW x 8P	110%	1 SEC	1 SEC	4.0 A	4.4 A	CT-1	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	2.1 A	1 DRIVE	SS - 05	3 SEC	1 SEC	2.1 A	
		2DRIVE	SS - 05	3 SEC	1 SEC	4.2 A	
0.4KW x 4P	2.7 A	1 DRIVE	SS - 05	3 SEC	1 SEC	2.7 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	5.4 A	
0.5KW x 6P	3.4 A	1 DRIVE	SS - 05	3 SEC	1 SEC	3.4 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	6.8 A	
0.75KW x 4P	4.1 A	1 DRIVE	SS - 05	3 SEC	1 SEC	4.1 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	8.2 A	
1.0KW x 6P	6.8 A	1 DRIVE	SS - 30	3 SEC	1 SEC	6.8 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	13.6 A	
1.5KW x 4P	7.4 A	1 DRIVE	SS - 30	3 SEC	1 SEC	7.4 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	14.8 A	
1.5KW x 6P	7.6 A	1 DRIVE	SS - 30	3 SEC	1 SEC	7.6 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	15.2 A	
2.2KW x 4P	10 A	1 DRIVE	SS - 30	3 SEC	1 SEC	10 A	
		2 DRIVE	SS - 30	3 SEC	1 SEC	20 A	
0.8/0.4KW x 4/8P	4.8/4.25 A	1 DRIVE	SS - 05	3 SEC	1 SEC	4.8 A	
		2 DRIVE	SS - 05	3 SEC	1 SEC	4.5 A	
			SS - 30	3 SEC	1 SEC	9.6 A	
		1 DRIVE	SS - 30	3 SEC	1 SEC	9.0 A	
2.2KW x 6P	12 A	1 DRIVE	SS - 30	3 SEC	1 SEC	12 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	24 A	
3.7KW x 4P	16 A	1 DRIVE	SS - 30	3 SEC	1 SEC	16 A	
		2DRIVE	SS - 60	3 SEC	1 SEC	32 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 : AC3Ø 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	1.6 A	
		2DRIVE	SS - 05	3 SEC	1 SEC	3.2 A	
0.4KW x 4P	1.8 A	1 DRIVE	SS - 05	3 SEC	1 SEC	1.8 A	
		2DRIVE	SS - 05	3 SEC	1 SEC	3.6 A	
0.5KW x 6P	2.0 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	2.4 A	1 DRIVE	SS - 05	3 SEC	1 SEC	2.4 A	
		2DRIVE	SS - 05	3 SEC	1 SEC	4.8 A	
1.0KW x 6P	3.9 A	1 DRIVE	SS - 05	3 SEC	1 SEC	3.9 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	7.8 A	
1.5KW x 4P	4.3 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 6P	4.4 A	1 DRIVE	SS - 05	3 SEC	1 SEC	4.4 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	8.8 A	
2.2KW x 4P	5.8 A	1 DRIVE	SS - 30	3 SEC	1 SEC	5.8 A	
		2 DRIVE	SS - 30	3 SEC	1 SEC	11.6 A	
0.8/0.4KW x 4/8P	2.78/2.63 A	1 DRIVE	SS - 05	3 SEC	1 SEC	2.78 A	
		2 DRIVE	SS - 05	3 SEC	1 SEC	2.63A	
			SS - 30	3 SEC	1 SEC	5.48 A	
			SS - 30	3 SEC	1 SEC	5.26 A	
2.2KW x 6P	7.0 A	1 DRIVE	SS - 30	3 SEC	1 SEC	7.0 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	14 A	
3.7KW x 4P	9.3 A	1 DRIVE	SS - 30	3 SEC	1 SEC	9.3 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	18.6 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 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	1.2 A	1 DRIVE	SS - 05	3 SEC	1 SEC	1.2 A	
		2DRIVE	SS - 05	3 SEC	1 SEC	2.4 A	
0.4KW x 4P	1.4 A	1 DRIVE	SS - 05	3 SEC	1 SEC	1.4 A	
		2DRIVE	SS - 05	3 SEC	1 SEC	2.8 A	
0.5KW x 6P	1.7 A	1 DRIVE	SS - 05	3 SEC	1 SEC	1.7 A	
		2DRIVE	SS - 05	3 SEC	1 SEC	3.4 A	
0.75KW x 4P	2.0 A	1 DRIVE	SS - 05	3 SEC	1 SEC	2.0 A	
		2DRIVE	SS - 05	3 SEC	1 SEC	4.0 A	
1.0KW x 6P	2.8 A	1 DRIVE	SS - 05	3 SEC	1 SEC	2.8 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	5.6 A	
1.5KW x 4P	3.7 A	1 DRIVE	SS - 05	3 SEC	1 SEC	3.7 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	7.4 A	
1.5KW x 6P	3.8 A	1 DRIVE	SS - 05	3 SEC	1 SEC	3.8 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	7.6 A	
2.2KW x 4P	5.0 A	1 DRIVE	SS - 05	3 SEC	1 SEC	5.0 A	
		2 DRIVE	SS - 30	3 SEC	1 SEC	10 A	
0.8/0.4KW x 4/8P	2.4/2.27 A	1 DRIVE	SS - 05	3 SEC	1 SEC	2.4 A	
			SS - 05	3 SEC	1 SEC	2.27 A	
		2 DRIVE	SS - 05	3 SEC	1 SEC	4.8 A	
			SS - 05	3 SEC	1 SEC	4.54 A	
2.2KW x 6P	5.8 A	1 DRIVE	SS - 30	3 SEC	1 SEC	5.8 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	11.6 A	
3.7KW x 4P	8.0 A	1 DRIVE	SS - 30	3 SEC	1 SEC	8.0 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	16 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 : AC3Ø 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	1.2 A	
		2DRIVE	SS - 05	3 SEC	1 SEC	2.4 A	
0.4KW x 4P	1.4 A	1 DRIVE	SS - 05	3 SEC	1 SEC	1.4 A	
		2DRIVE	SS - 05	3 SEC	1 SEC	2.8 A	
0.5KW x 6P	1.7 A	1 DRIVE	SS - 05	3 SEC	1 SEC	1.7 A	
		2DRIVE	SS - 05	3 SEC	1 SEC	3.4 A	
0.75KW x 4P	2.0 A	1 DRIVE	SS - 05	3 SEC	1 SEC	2.0 A	
		2DRIVE	SS - 05	3 SEC	1 SEC	4.0 A	
1.0KW x 6P	2.8 A	1 DRIVE	SS - 05	3 SEC	1 SEC	2.8 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	5.6 A	
1.5KW x 4P	3.7 A	1 DRIVE	SS - 05	3 SEC	1 SEC	3.7 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	7.4 A	
1.5KW x 6P	3.8 A	1 DRIVE	SS - 05	3 SEC	1 SEC	3.8 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	7.6 A	
2.2KW x 4P	5.0 A	1 DRIVE	SS - 05	3 SEC	1 SEC	5.0 A	
		2 DRIVE	SS - 30	3 SEC	1 SEC	10 A	
0.8/0.4KW x 4/8P	2.4/2.27 A	1 DRIVE	SS - 05	3 SEC	1 SEC	2.4 A	
		2 DRIVE	SS - 05	3 SEC	1 SEC	2.27 A	
			SS - 05	3 SEC	1 SEC	4.8 A	
		2 DRIVE	SS - 05	3 SEC	1 SEC	4.54 A	
2.2KW x 6P	5.8 A	1 DRIVE	SS - 30	3 SEC	1 SEC	5.8 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	11.6 A	
3.7KW x 4P	8.0 A	1 DRIVE	SS - 30	3 SEC	1 SEC	8.0 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	16 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

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	1.2 A	
		2DRIVE	SS - 05	3 SEC	1 SEC	2.4 A	
0.4KW x 4P	1.4 A	1 DRIVE	SS - 05	3 SEC	1 SEC	1.4 A	
		2DRIVE	SS - 05	3 SEC	1 SEC	2.8 A	
0.5KW x 6P	1.6 A	1 DRIVE	SS - 05	3 SEC	1 SEC	1.6 A	
		2DRIVE	SS - 05	3 SEC	1 SEC	3.4 A	
0.75KW x 4P	1.9 A	1 DRIVE	SS - 05	3 SEC	1 SEC	1.9 A	
		2DRIVE	SS - 05	3 SEC	1 SEC	3.8 A	
1.0KW x 6P	2.8 A	1 DRIVE	SS - 05	3 SEC	1 SEC	2.8 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	5.6 A	
1.5KW x 4P	3.7 A	1 DRIVE	SS - 05	3 SEC	1 SEC	3.7 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	7.4 A	
1.5KW x 6P	3.8 A	1 DRIVE	SS - 05	3 SEC	1 SEC	3.8 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	7.6 A	
2.2KW x 4P	5.0 A	1 DRIVE	SS - 05	3 SEC	1 SEC	5.0 A	
		2 DRIVE	SS - 30	3 SEC	1 SEC	10 A	
0.8/0.4KW x 4/8P	2.4/2.27 A	1 DRIVE	SS - 05	3 SEC	1 SEC	2.4 A	
			SS - 05	3 SEC	1 SEC	2.27 A	
		2 DRIVE	SS - 05	3 SEC	1 SEC	4.8 A	
			SS - 05	3 SEC	1 SEC	4.54 A	
2.2KW x 6P	5.8 A	1 DRIVE	SS - 30	3 SEC	1 SEC	5.8 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	11.6 A	
3.7KW x 4P	8.0 A	1 DRIVE	SS - 30	3 SEC	1 SEC	8.0 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	16 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	132 S
4. RATED POWER	5.0 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	1692 RPM
11. FULL LOAD CURRENT	23.0 A
12. LOCKED ROTOR CURRENT	136.6 A
13. MINIMUM STARTING VOLTAGE	198 V
14. EFFICIENCY AT 100% RATED LOAD	81.0 %
15. POWER FACTOR AT 100% RATED LOAD	77.0 %
16. FULL LOAD TORQUE	8.31 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	132 S
4. RATED POWER	5.0 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	1692 RPM
11. FULL LOAD CURRENT	12.2 A
12. LOCKED ROTOR CURRENT	72.9 A
13. MINIMUM STARTING VOLTAGE	342 V
14. EFFICIENCY AT 100% RATED LOAD	81.0 %
15. POWER FACTOR AT 100% RATED LOAD	77.0 %
16. FULL LOAD TORQUE	8.31 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	132 S
4. RATED POWER	5.0 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	1692 RPM
11. FULL LOAD CURRENT	10.5 A
12. LOCKED ROTOR CURRENT	63.0 A
13. MINIMUM STARTING VOLTAGE	396 V
14. EFFICIENCY AT 100% RATED LOAD	81.0 %
15. POWER FACTOR AT 100% RATED LOAD	77.0 %
16. FULL LOAD TORQUE	8.31 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	132 S
4. RATED POWER	5.0 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	1692 RPM
11. FULL LOAD CURRENT	10.0 A
12. LOCKED ROTOR CURRENT	60.0 A
13. MINIMUM STARTING VOLTAGE	414 V
14. EFFICIENCY AT 100% RATED LOAD	81.0 %
15. POWER FACTOR AT 100% RATED LOAD	77.0 %
16. FULL LOAD TORQUE	8.31 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	132 S
4. RATED POWER	5.0 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	1692 RPM
11. FULL LOAD CURRENT	9.6 A
12. LOCKED ROTOR CURRENT	57.5 A
13. MINIMUM STARTING VOLTAGE	432 V
14. EFFICIENCY AT 100% RATED LOAD	81.0 %
15. POWER FACTOR AT 100% RATED LOAD	77.0 %
16. FULL LOAD TORQUE	8.31 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	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	HOISTING
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	HOISTING
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	HOISTING
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	HOISTING
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	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 S
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
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	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
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	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
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