



제2020 - 2111873 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 _____

KDC3.0-D (3Ton) / 20-AE2AC-00025

_____ 인 증 기 준 _____

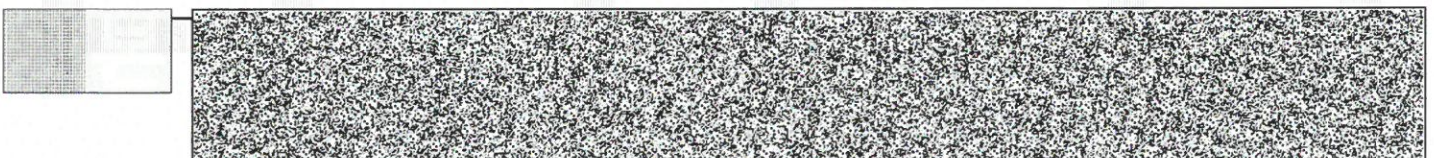
고용노동부 고시 제2020 - 41호 (위험기계·기구 안전인증 고시)

_____ 인 증 조 건 _____

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

2020년 03월 20일

한국산업안전보건공단 이사장





심사결과 통지서

신청인	사업장명	극동호이스트(주)	사업장관리번호	134-81-013350
	사업자등록번호	134-81-01335	대표자 성명	최성찬
	소재지	(154 - 23) 경기도 안산시 단원구 해봉로 119 (성곡동 630-2)		

안전인증대상 기계·기구명		호이스트		
형 식 (규 격)	KDC3.0-D	용 량 (등 급)	3 Ton	

산업안전보건법 제 84조 및 같은 법 시행규칙 제110조에 따라 실시한

[] 예비심사

[V] 서면심사

[] 기술능력 및 생산체계 심사

[] 개별 제품심사

[] 개별 제품심사(제작중)

[] 형식별 제품심사

결과가 [V] 적 합
[] 부적합

합을 통지합니다.

2020년 03월 05일

인증심사원

이성용

(서명 또는 인)
이성용

한국산업안전보건공단 이사장



서 면 심 사 서 류

형식 번호 : KDC3.0-D

극 동 호 이 스톱 (주)



工場 : 경기도 안산시 단원구 해봉로 119 (성곡동)

電話 : 031) 491 - 5311

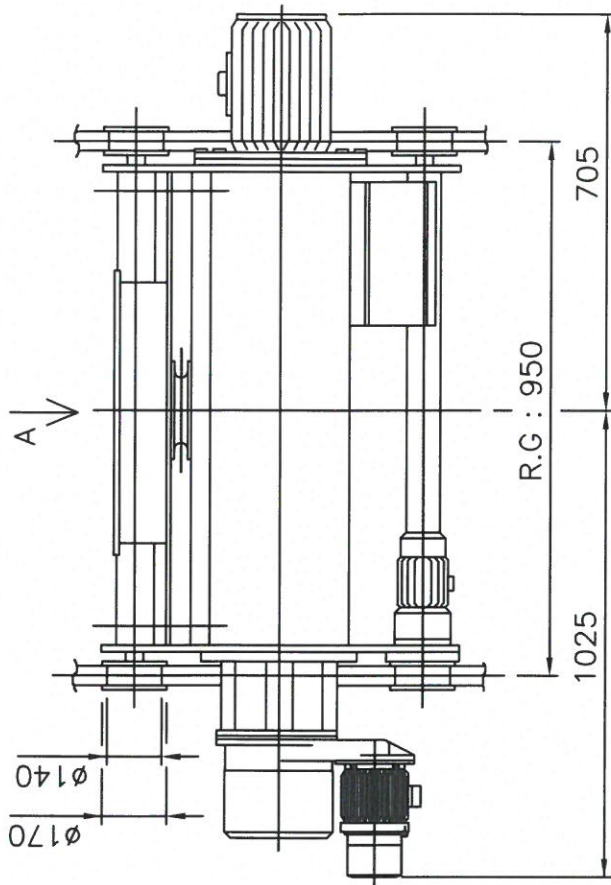
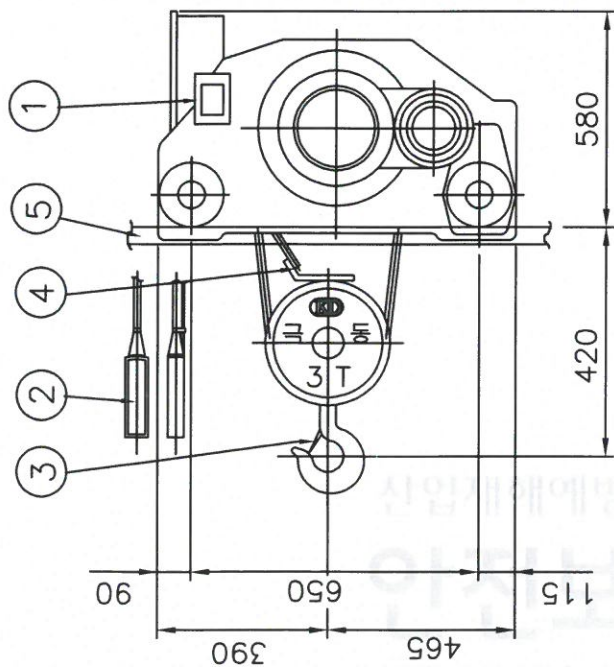
FAS : 031) 494 - 5315



동 일 형 식 일 램 표

사업장명		극동호이스트㈜	개정일자 및 번호		인증번호	
형식 및 모델			동일 형식 인정범위 및 내역			
형식	모델		권상속도(m/min)	회행속도(m/min)	양정(m)	회행방식
	KDC3-L12-D		고속:9M/MIN CREEP:0.9M/MIN	고속:24M/MIN 저속:16M/MIN	12	모터구동식
	KDC3-L18-D				18	
	KDC3-L24-D				24	
	KDC3-L30-D				30	
KDC3.0-D			INVERTER 포함			





극동호이스트
제한하중
3000 K

VIEW A

SPECIFICATION		3000	KG
RATED LOAD		3000	KG
TESTING LOAD		3750	KG
LIFT		12	M
RATING		30	MIN
HOISTING	SPEED	9 / 0.9	M/MIN
	MOTOR	5.5 / 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) Ø9 x 4 FALLS	
POWER SOURCE		AC3Ø 220V(380,440,460,480) 60Hz	
COLOR		10 B 3/5	
WEIGHT		590	KG

형식번호	KDC3.0-D
모델명	KDC3-L12-D

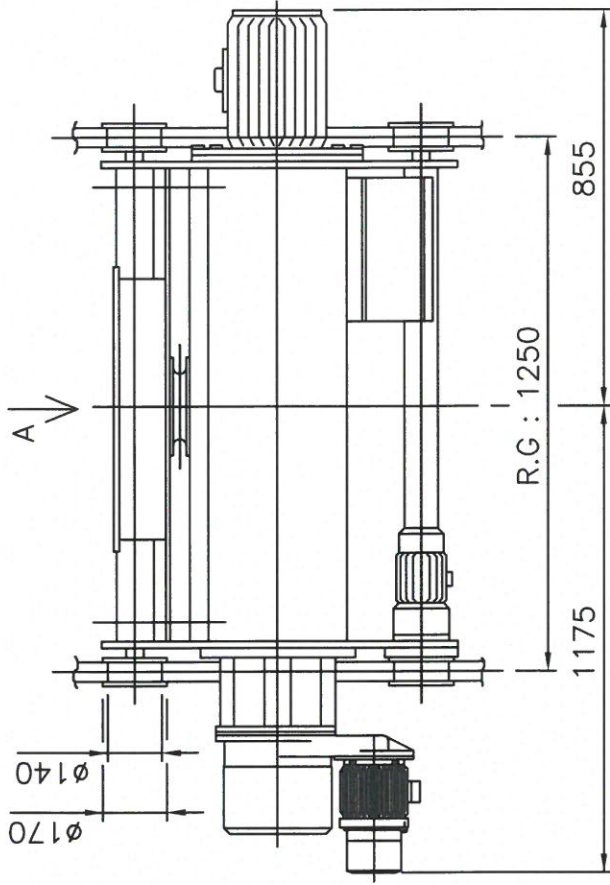
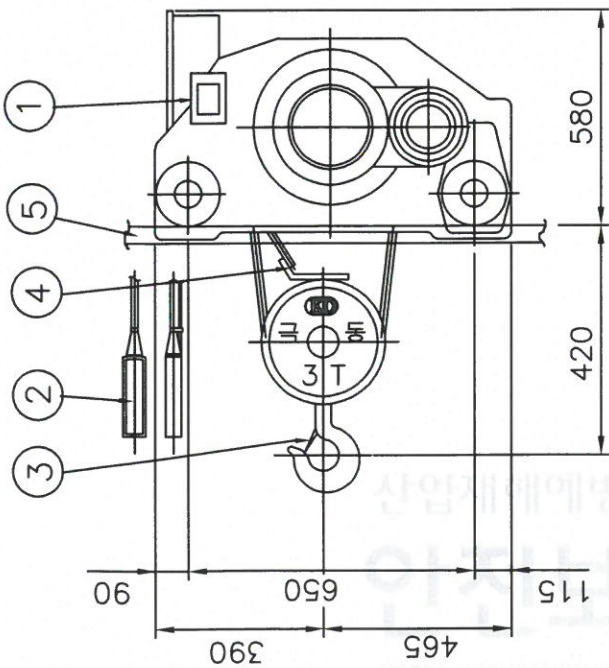


극동호이스트 주식회사
KUK DONG HOIST CO., LTD.

SHEET No.

KDC3D120

5	T/S RAIL	-	-	-	15KG/M
4	UPPER LIMIT S/W	SS400	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				DATE	DIM
TITLE				SCALE	PROJECTION
DRAWN				A3/20	3/d
DESIGNED				REF. DRAWING	
CHECKED					
APPROVED					
ARRANGEMENT DRAWING FOR HOIST					
KDC3-L12-D					



극동호이스트
제한하중
3000 K

VIEW A

SPECIFICATION			
RATED LOAD	3000	KG	
TESTING LOAD	3750	KG	
LIFT	18	M	
RATING	30	MIN	
HOISTING	SPEED	9 / 0.9	M/MIN
	MOTOR	5.5 / 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) 99 x 4 FALLS		
POWER SOURCE	AC3Ø 220V(380,440,460,480) 60Hz		
COLOR	10 B 3/5		
WEIGHT	670	KG	

형식번호	KDC3.0-D
모델명	KDC3-L18-D



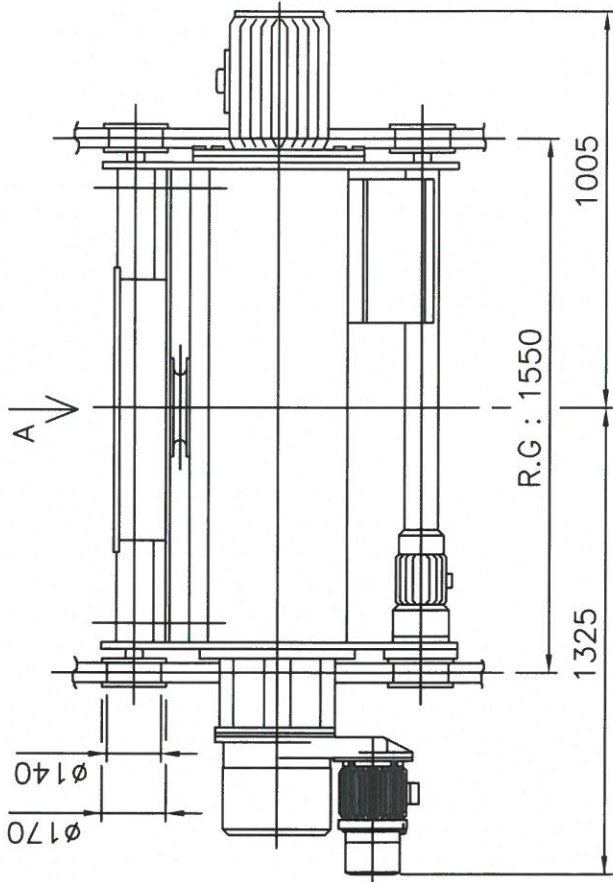
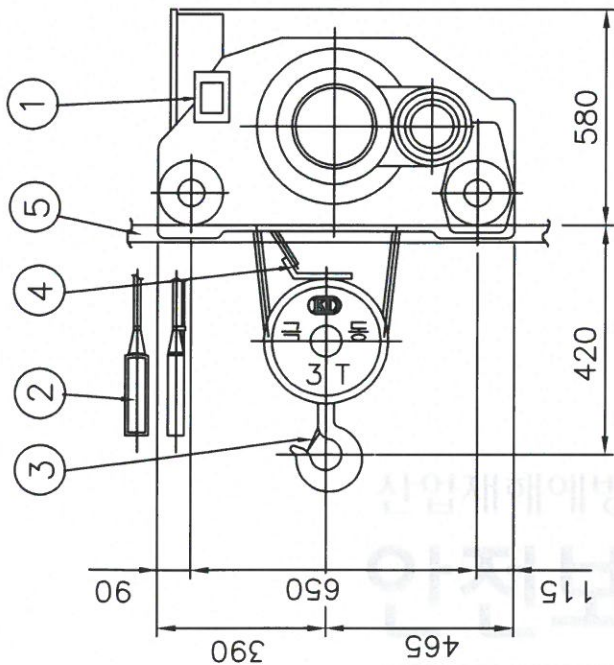
 극동호이스트 주식회사
KUK DONG HOIST CO., LTD.

SHEET No.

DWG No.
KDC3D180

5	T/S RAIL	-	-	-	15KG/M
4	UPPER LIMIT S/W	SS400	1		
3	SAFETY LATCH	SPC	1		
2	EMERGENCY S/W	-	1		
1	LOAD LIMITER	-	1		
NO.	DESCRIPTION	MT'L	SUB	TOTAL	REMARKS.
			QTY	SUB	
PROJECT	TITLE	KDC3-L18-D	DATE		DIM
			97.10.23.		mm
DRAWN	DESIGNED	CHECKED	APPROVED	SCALE	PROJECTION
				A3/20	3rd
				REF. DRAWING	
 극동호이스트 주식회사 KUK DONG HOIST CO., LTD.			SHEET No.		KDC3D180
			DWG No.		

제품보증서 및 배포금지



극동호이스트
제한하중
3000 K

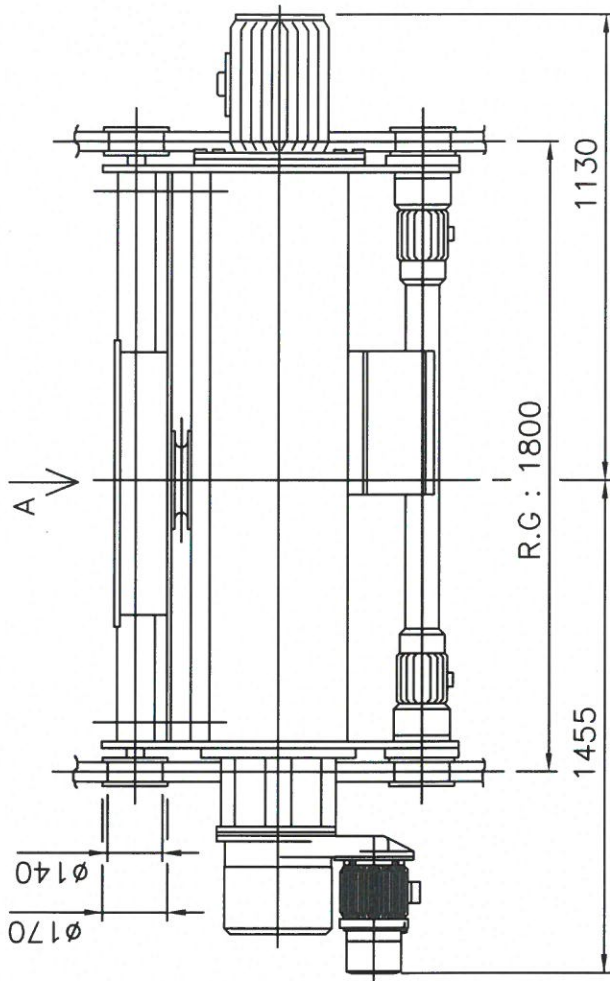
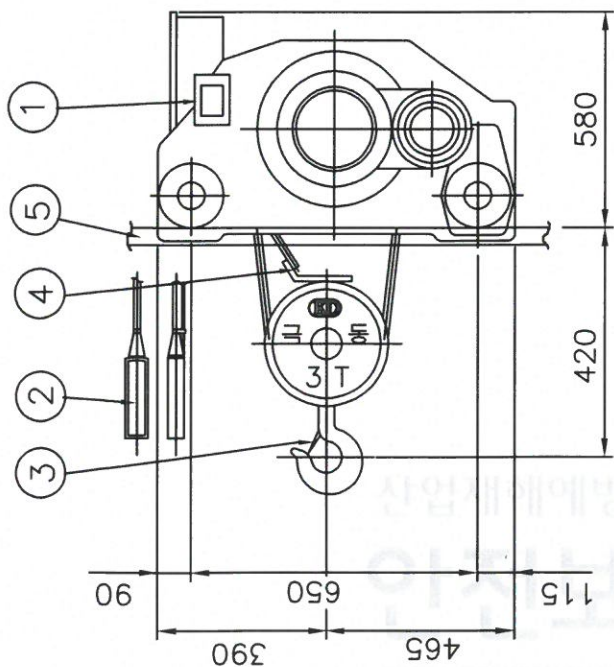
VIEW A

SPECIFICATION			
RATED LOAD		3000	KG
TESTING LOAD		3750	KG
LIFT		24	M
RATING		30	MIN
HOISTING	SPEED	9 / 0.9	M/MIN
	MOTOR	5.5 / 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		750	KG

형식번호	KDC3.0-D
모델명	KDC3-L24-D



5	T/S RAIL	-	-	-	15KG/M	
4	UPPER LIMIT S/W	SS400	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)	REMARKS.
PROJECT						DATE
TITLE	KDC3-L24-D					97.10.23.
DRAWN	DESIGNED	CHECKED	APPROVED	SCALE	PROJECTION	
				A3/20	3rd	
					REF. DRAWING	
극동호이스트 주식회사 KUK DONG HOIST CO., LTD.						SHEET No.
						DWG No.
						KDC3D240



극동호이스트
제한하중
3000 K

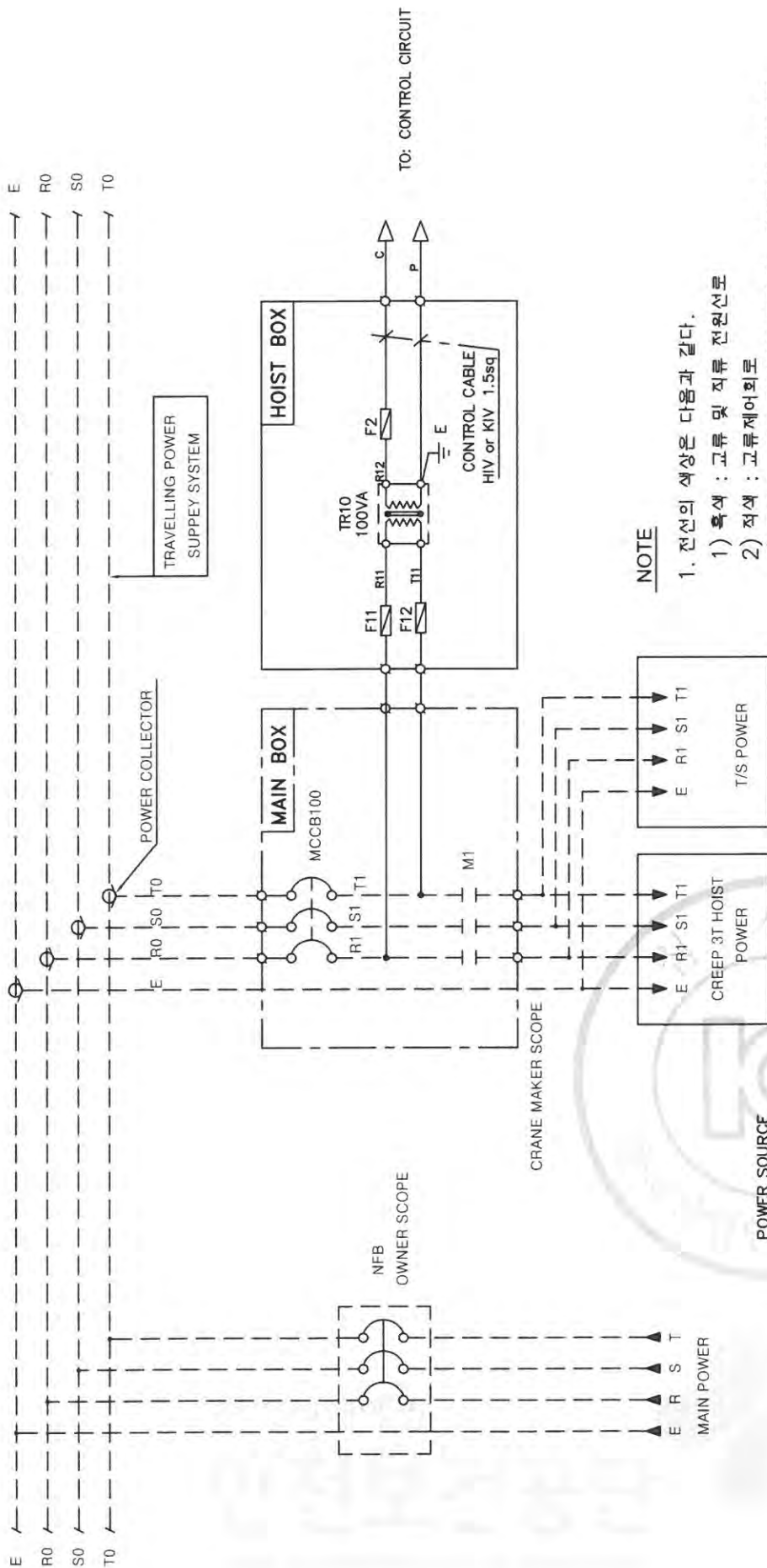
VIEW A

형식번호	KDC3.0-D
모델명	KDC3-L30-D



SPECIFICATION	
RATED LOAD	3000 KG
TESTING LOAD	3750 KG
LIFT	30 M
RATING	30 MIN
HOISTING	9 / 0.9 M/MIN
TRAVERSING	5.5 / 1.5 KW x 4 P
	SPEED 24 M/MIN (INVERTER : 2~24M/MIN)
	MOTOR 0.75 KW x 4 P (2UNITS)
	SPEED 16 M/MIN (INVERTER : 2~16M/MIN)
WIRE ROPE	MOTOR 0.5 KW x 6 P (2UNITS)
	(6x36) Ø9 x 4 FALLS
POWER SOURCE	AC3Ø 220V(380,440,460,480) 60Hz
COLOR	10 B 3/5
WEIGHT	870 KG

5	T/S RAIL	-			-				15KG/M	
4	UPPER LIMIT S/W	SS400			1					
3	SAFETY LATCH	SPC			1					
2	EMERGENCY S/W	-			1					
1	LOAD LIMITER	-			1					
NO.	DESCRIPTION	MT'L	QTY		SUB	TOTAL	SUB	TOTAL	REMARKS.	
			SUB	TOTAL						
PROJECT										
	DATE		DIM							
		97.10.23.		mm						
TITLE	KDC3-L30-D									
	ARRANGEMENT DRAWING FOR HOIST									
	SCALE		PROJECTION							
	A3/20		3rd							
DRAWN	DESIGNED	CHECKED	APPROVED	REF. DRAWING						
KUK 동호이스트 주식회사 KUK DONG HOIST CO., LTD.			SHEET No.		DWG No.		KDC3D300			
										



NOTE

- 1. 전선의 색상은 다음과 같다.
1) 흑색 : 교류 및 직류 전원선로
2) 적색 : 교류제어회로
3) 주황색 : 외부 전원에서 공급되는 연동장치 제어회로
4) 녹색 또는 녹색과 황색 혼용 : 접지선
5) 청색 : 직류 제어신로
- 2. 제어용 전선 : 1.5mm KIV, HIV
3. 제작시 다소 변경 될수있음.
4. 외함 개방구조는 다음과 같을것.

외함 개방후 충전되어있는 부분은 IP2X 이상의 직접 접촉 방호가 되어있을것.

POWER SOURCE
AC 3ø 60Hz

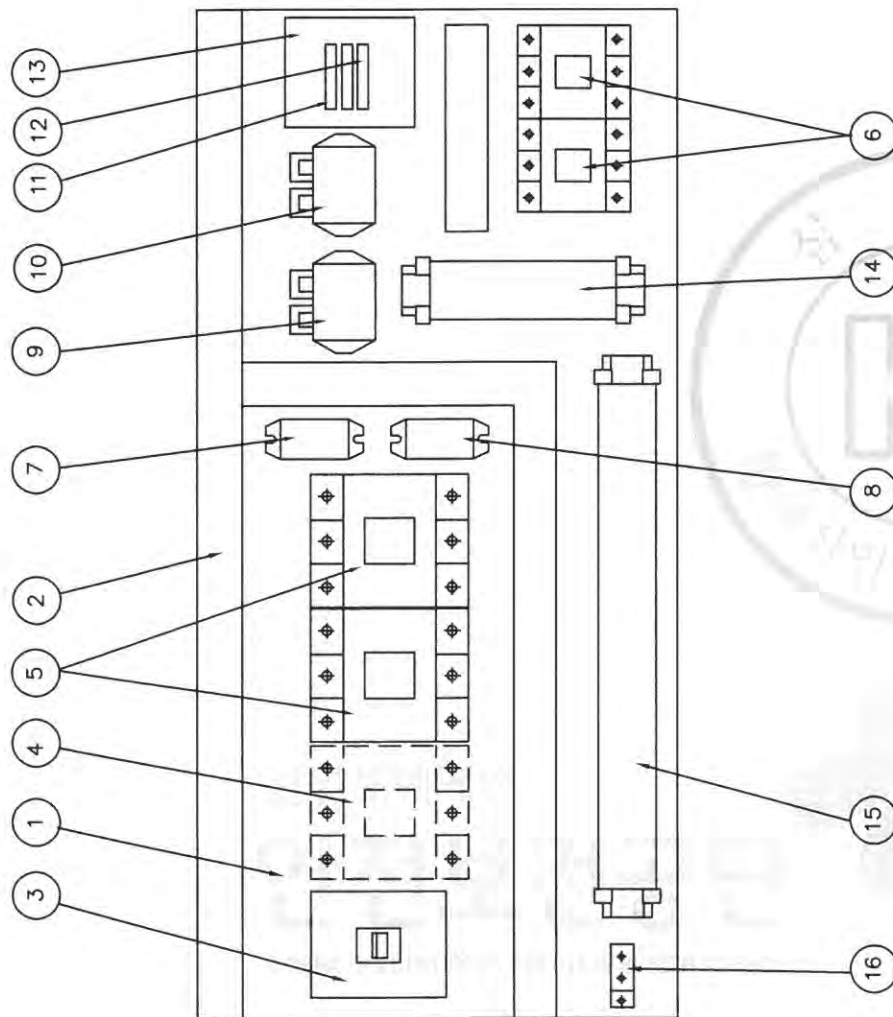
SELECTION	VOLTAGE	F11 F12	F13	MCCB100	TR10
	220V	2A	3A	50AF/50AT	220/110,120V 100VA
	380V	1A	3A	30AF/30AT	380/110,120V 100VA
	440V	1A	3A	30AF/30AT	440/110,120V 100VA
	460V	1A	3A	30AF/30AT	460/110,120V 100VA
	480V	1A	3A	30AF/30AT	480/110,120V 100VA

DATE	REVISIONS	CHK.	APP.

CUSTOMER

MAIN POWER CIRCUIT 1
DIAGRAM

DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.
				NONE		
극동호이스트 주식회사 KUIK DONG HOIST CO., LTD.						KDC3E001



NOTE

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



NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
1	CHASSIS PLATE		1	아 연 도 금
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	

NOTE 1. 전선의 색상은 다 음과 같다.

- 1) 흑색 : 고무 및 지류 전원신로
2) 적색 : 고무제어외로
3) 주황색 : 외부전원에서 공급되는 연동장치 제어외로
4) 녹색 또는 녹색과 황색 혼용 : 접지선
- CABLE MATERIAL : [KIV OR EQUIVALENT]
MIN SIZE : 1.5sq
- 제어용 전선 : 1.5mm KIV,HIV
제지식 다소 변경 될수있음.
외함 개방구조는 다음과 같을것.
- 1) 외함 개방시 중전부분이 차단되도록 할것.
2) 외함 개방후 중전되어있는 부분은 IP2X 이상의 직접 접촉 방호가

[illegible]



NOTE 1. 전선의 색상은 다음과 같다.

2. CABLE MATERIAL : KIV OR EQUIVALENT

MIN SIZE : 1.5sq

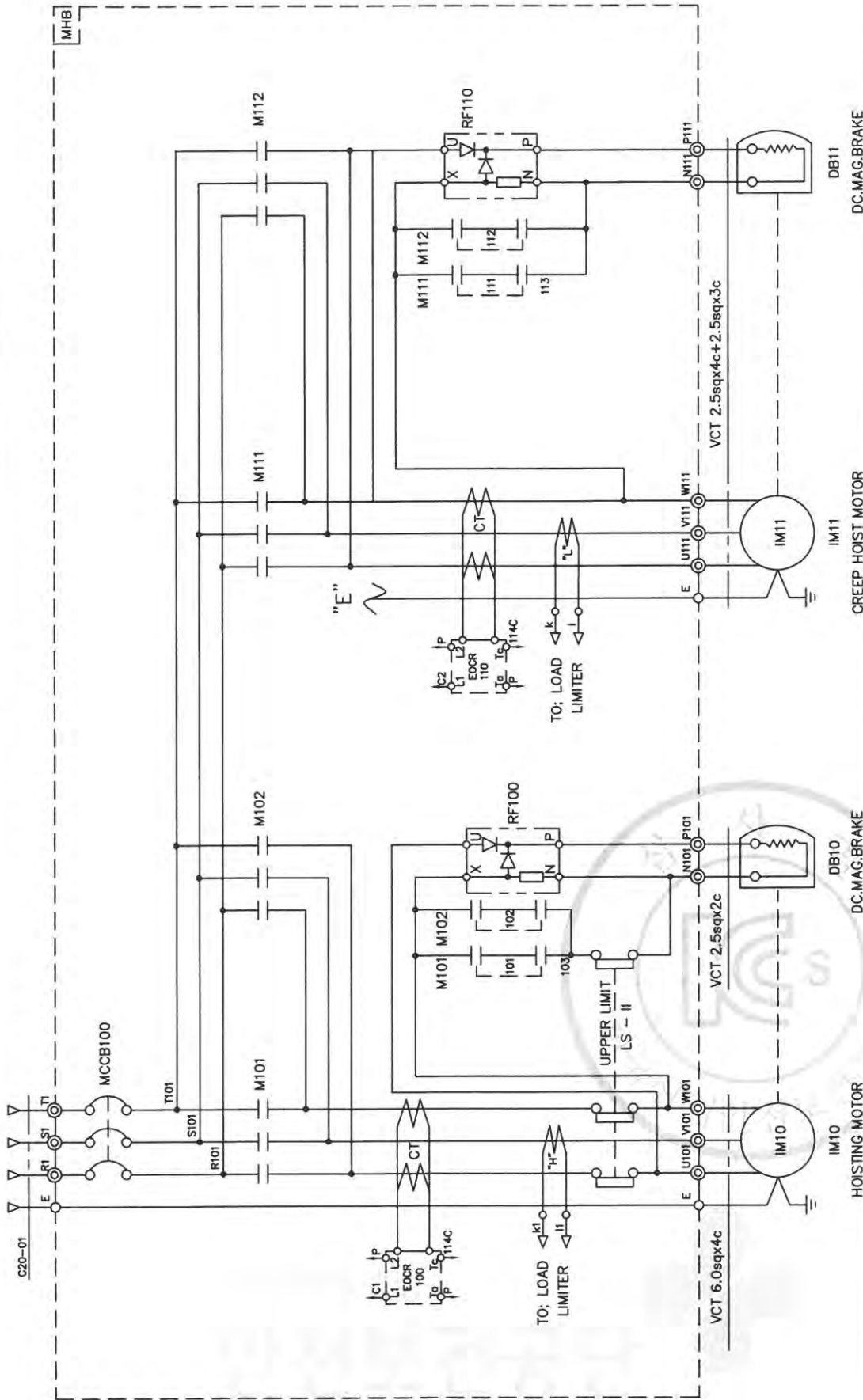
- 1) 외함 개방시 충전부분이 차단되도록 함.

- 2) 외함 기판후 충전되어있는 부본은 IP2X 이상의 직접 접촉 방호가 되어있음.

☐						CUSTOMER		DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.
☐						DRAWING TITLE						NONE		
☐						TRAVERSING POWER CONTROL BOX								
☐						ARRANGEMENT DRAWING						DWG. NO.		KDC3bt22
MK	DATE	REVISIONS						CHK.	APP.					

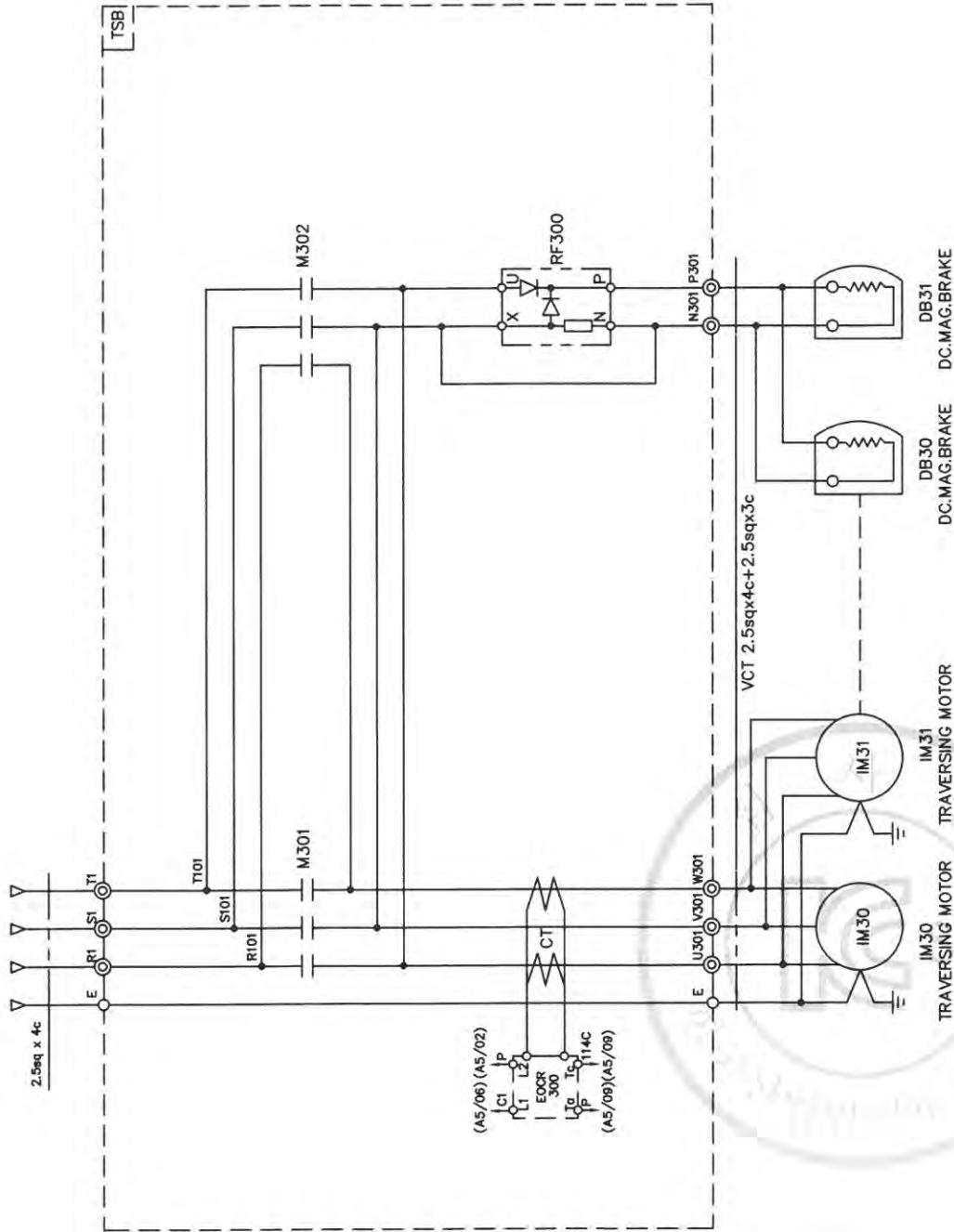


SPECIFICATION SYMBOLS	HOISTING POWER	HOISTING MOTOR	CREEP MOTOR	DC MAG. BRAKE	NO FUSE BREAKER	TRANSFORMER	FUSE		MAIN MAGNET	MAGNET CONTACTOR	UPPER LIMIT	ELECTRIC OVER CURRENT RELAY	SILICON RECTIFIER	LOAD LIMITER	CABLE	
							F1,F12	F13								
DESCRIPTION	HOIST	IM 10	IM 11	DBT0, 11	MCCB100	TR 1	F11,F12	F13	M1	M101,M102	LS-I, LS-II	EOCR100	RF100	RF110	C20-01	
	3TON AC3PH 220V 60Hz	5.5KWx4P	1.5KWx4P	DC 100V	ABS-53c/50AT	220/110V,120V,100VA	2A	3A	DMC40b	DMC65	AC 600V 75A	SS-30	SR-60	SR-30	VFC10sqx4c	
SELECTION MAKER		KUK DONG			LS	SHINHAN	-			DONG-A	KUK DONG	ASAN		JUNGHO	DONGIL	
				CUSTOMER						DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.
														NONE		
				DRAWING TITLE	CREEP HOISTING POWER & CONTROL											
					 KDK											
DATE	REVISIONS	CHK.	APP.	KUK DONG HOIST CO. LTD. KDC3E21												

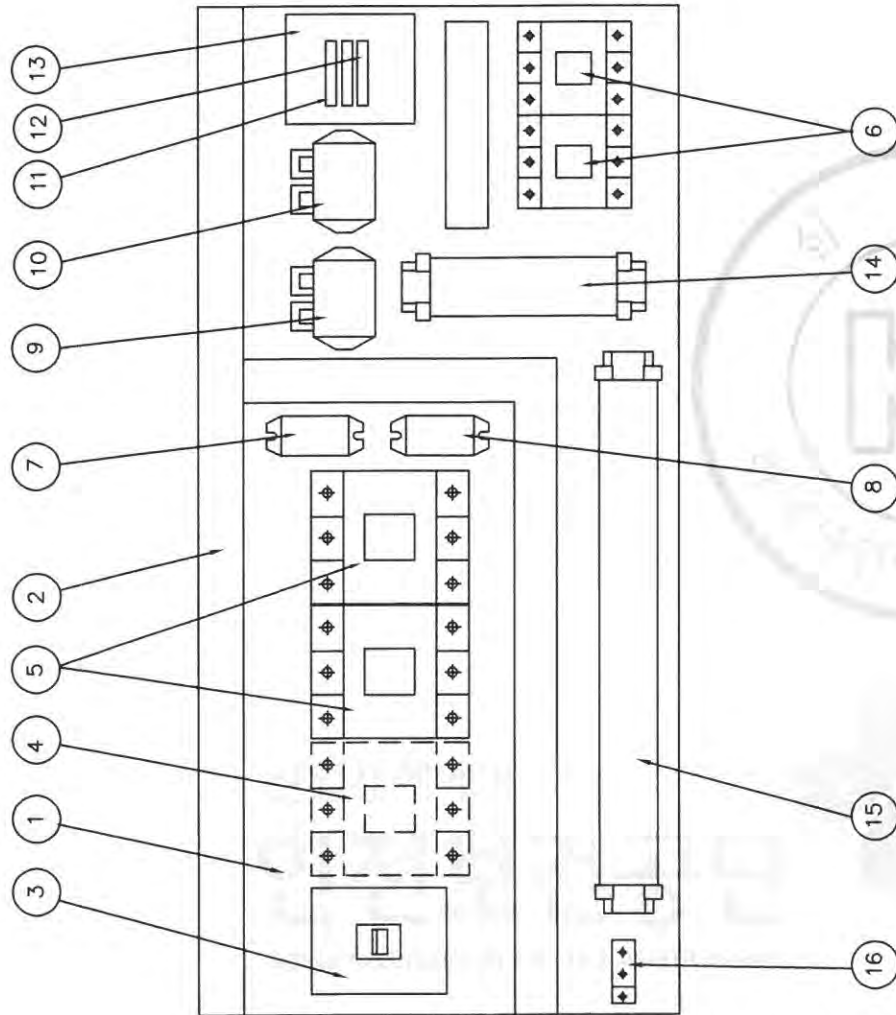


△ △ △ △	DATE	REVISIONS	CHK.	APP.	CIRCUIT DIAGRAM										 극동호이스트 주식회사 KUK DONG HOIST CO., LTD. DWG. NO KDC3E22	
	DRAWING TITLE					CREEP HOISTING POWER & CONTROL										
SPECIFICATION SYMBOLS		HOISTING POWER	HOISTING MOTOR	CREEP MOTOR	DC MAG. BRAKE	NO FUSE BREAKER	TRANSFORMER	FUSE		MAGNET CONTACTOR	UPPER LIMIT	ELECTRIC OVER CURRENT RELAY	SILICON RECTIFIER	LOAD LIMITER	CABLE	
DESCRIPTION		HOIST	IM 10	IM 11	DB10, 11	MCCB100	TR 1	F11, F12	F13	M101, M102	LS-I, LS-II	EOCR100	RF100	RF110	C20-01	
		3TON AC3PH 220V 60Hz	5.5KWx4P	1.5KWx4P	DC 100V	ABS-53c/50AT	220/110V, 120V, 100VA	2A	3A	DMC65	DMC22b	AC 600V 75A	SS-30	SR-60	SR-30	VFCT 10sqx4c
SELECTION							LS	SHINHAN	-		KUK DONG		ASAN		JUNGHO	DONGIL
MAKER		KUKDONG														
		CUSTOMER														
		DRAWING														
		TITLE														
		REVISIONS														
		CHK.														
		APP.														
		DATE														

[illegible]



SPECIFICATION SYMBOLS		TRAVERSING MOTOR		MAGNET CONTACTOR		SILICON RECTIFIER		ELECTRIC OVER CURRENT RELAY		LIMIT SWITCH	
DESCRIPTION		IM 30 , IM31		M301 , M302		RF 300		EOCR 300		LS-301 , LS-302	
0.75KW x 4P AC 3PH 220V 60Hz				DMC22b		SR-30		SS-30		KG-L001	
0.5KW x 6P AC 3PH 220V 60Hz				DMC22b		SR-30		SS-30		KG-L001	
SELECTION MAKER		KUK DONG		DONG-A		ASAN				KG-AUTO	
CUSTOMER				DRAWING DESIGN		CHECKED		APPROVED		SCALE	
DRAWING TITLE		TRAVERSING POWER CONTROL CIRCUIT						DATE		ORDER NO.	
REVISIONS											
DATE											
CHK. APP.											
DWG. NO		KDC3E24									



NOTE

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



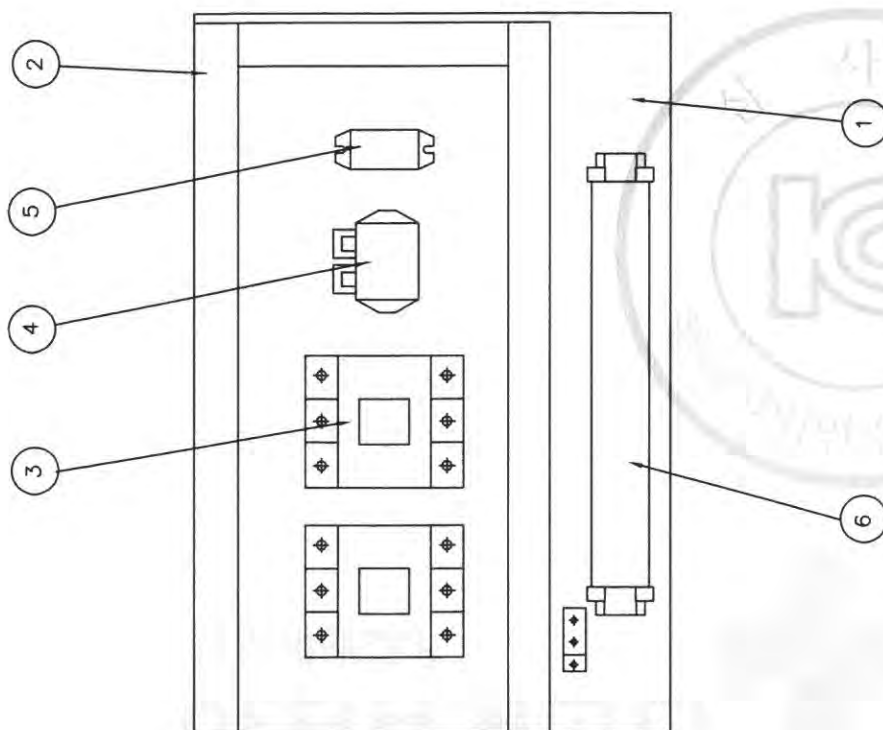
- NOTE 1. 전선의 색상은 다음과 같다.
- 1) 흑색 : 교류 및 직류 전원선으로
 - 2) 적색 : 교류 제어회로
 - 3) 주황색 : 외부전원에서 공급되는 연동장치 제어회로
 - 4) 녹색 또는 녹색과 황색 혼용 : 접지선
2. CABLE MATERIAL : KIV OR EQUIVALENT
MIN SIZE : 1.5sq
3. 제어용 전선 : 1.5mm KIV,HIV
 4. 제작시 다소 변경 될수있음.
 5. 외함 개방구조는 다음과 같을것.
- 1) 외함 개방시 충전부분이 차단되도록 할것.
 - 2) 외함 개방후 충전되어있는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

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
1	CHASSIS PLATE		1	아 연 도 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	

MK	DATE	REVISIONS	CHK.	APP.	CUSTOMER	DRAWING TITLE	HOIST CONTROL BOX ARRANGEMENT DRAWING	DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.

극동호이스트 주식회사
KIK DONG HOIST CO., LTD.

DWG. NO KDC3BA31

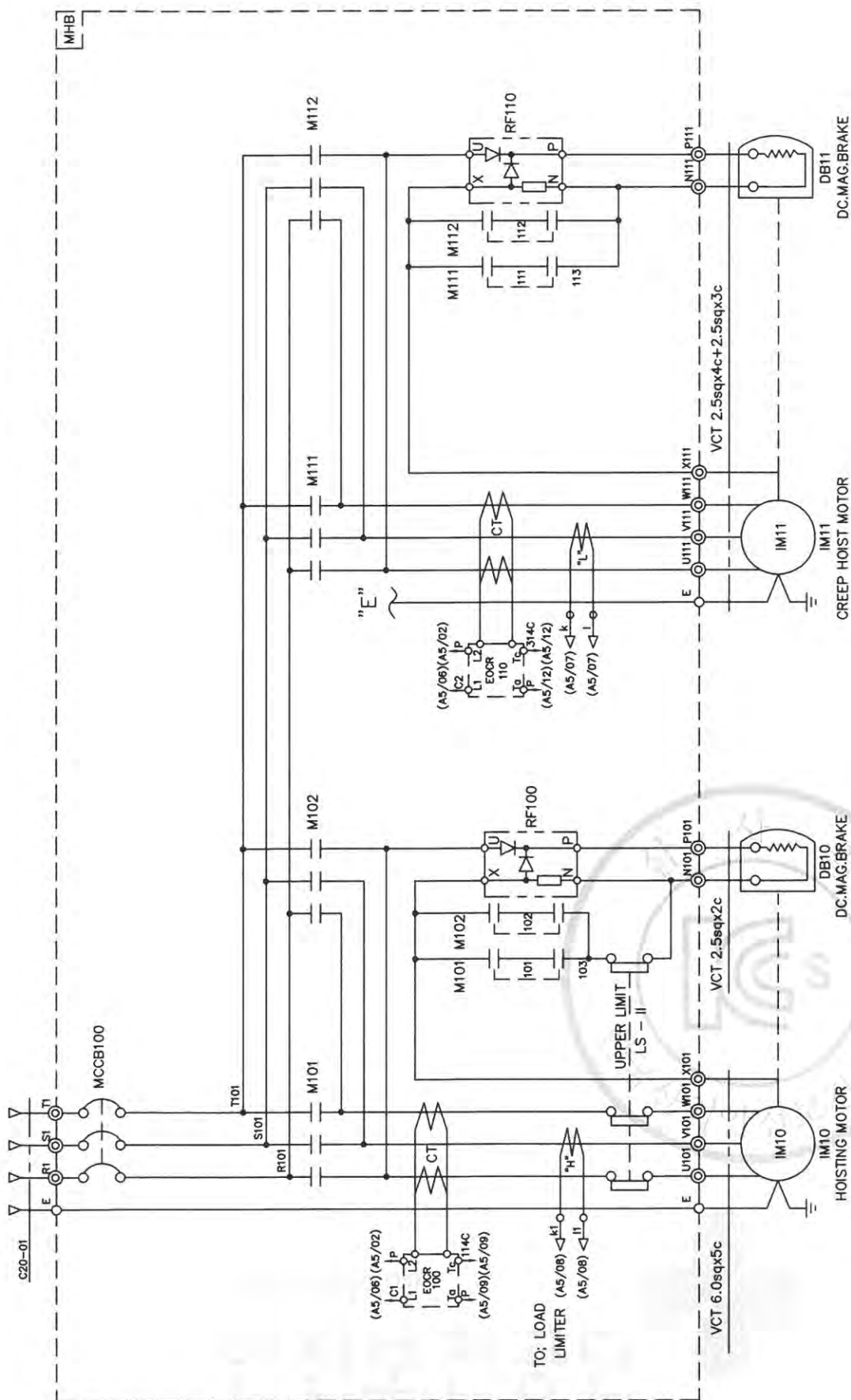


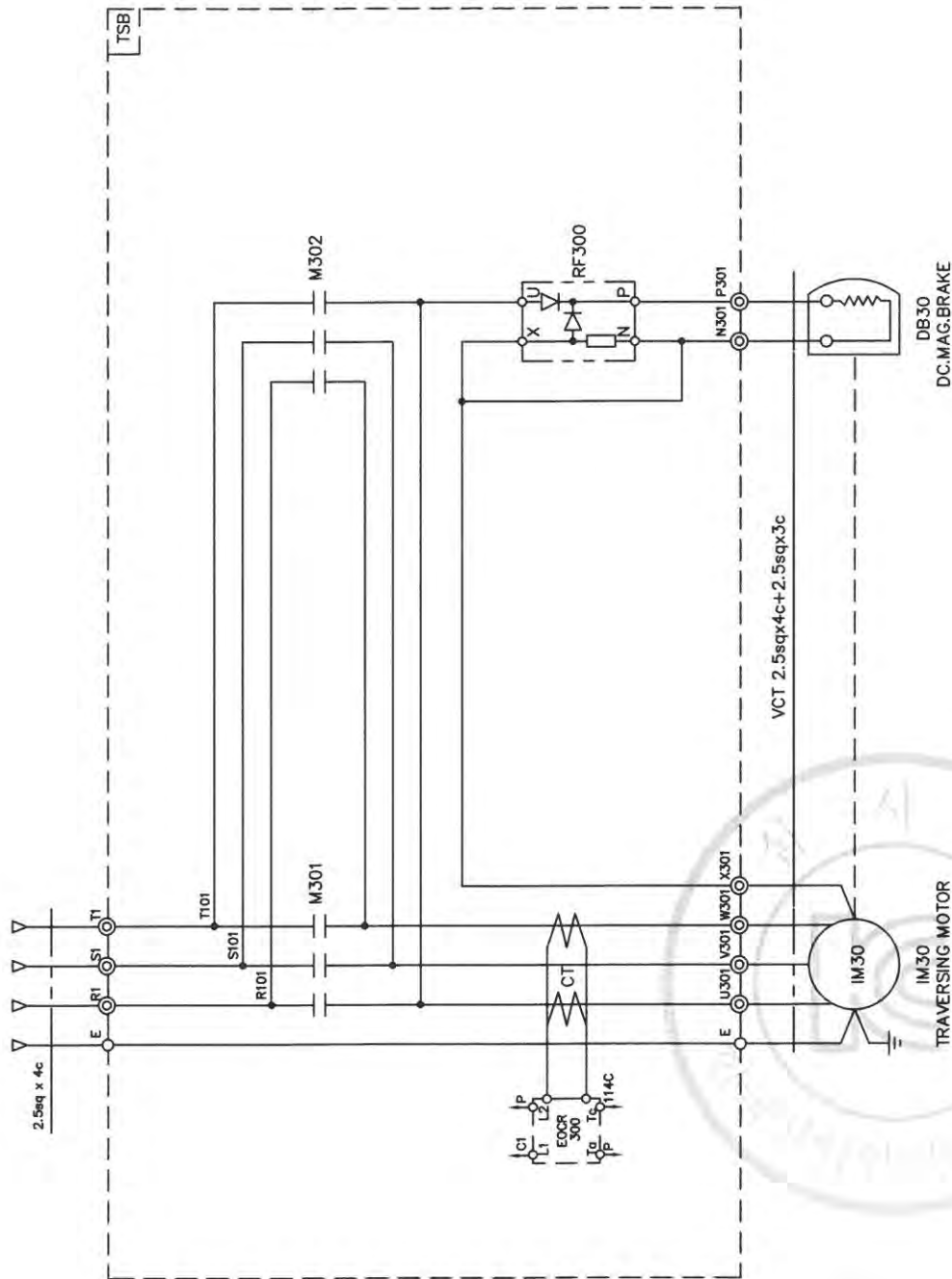
NO	DESCRIPTION	SPEC	Q'TY	REMARK
1	CHASSIS PLATE	—	1	아 연 도 금
2	CABLE DUCT	—	1	
3	MAGNET CONTACT	DMC22b	2	TRAVERSING
4	E.O.C.R	SS-05	1	TRAVERSING
5	SILICON RECTIFIER	SR-30	1	TRAVERSING
6	TERMINAL BLOCK	25A 15A	1	TRAVERSING

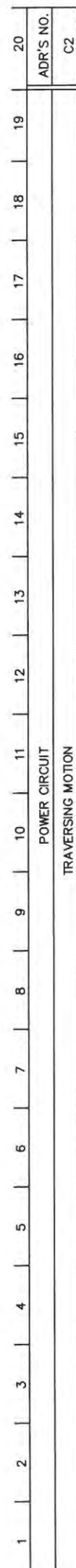
NOTE 1. 전선의 색상은 다음과 같다.

- 1) 흑색 : 고무 및 직류 전원신호
2) 적색 : 교류제어회로
3) 자황색 : 외부전원에서 공급되는 인동장치 제어회로
4) 녹색 또는 녹색과 황색 혼합 : 접지선
- CABLE MATERIAL : ┌ KIV OR EQUIVALENT
MIN SIZE : 1.5sq
- 제어용 전선 : 1.5mm KIV,HIV
제자리 다소 변경 될수있음.
외함 개방구조는 다음과 같음.
- 1) 외함 개방시 중전부분이 차단되도록 함.
- 2) 외함 개방후 중전되어있는 부분은 IP2X 이상의 차단 전속 방호가

[illegible]

[illegible]

[illegible]



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
POWER CIRCUIT																			
TRAVERSING MOTION																			
																			ADR'S NO.
																			C2

[illegible]

NOTE

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

NOTE 1. 전선의 개상은 다임과 같다.

- 1) 학생 : 그루 밭 지류 전원진보
- 2) 학생 : 그루제이로
- 3) 학생 : 외류전원에서 공리되는 제이로
- 4) 학생 : 그루제이로

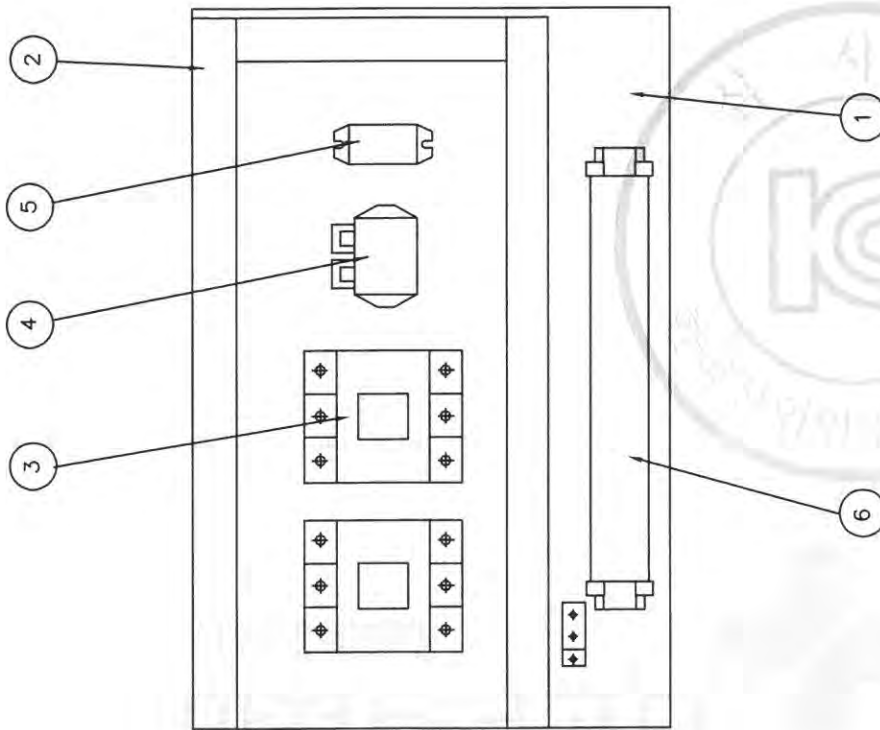
2. CABLE MATERIAL : KIV OR EQUIVALENT

3. 제어용 전선 : 1.5mm KIV.HIV
MIN SIZE : 1.5sq

- 제작성 다소 변경 될수있음.
- 외함 개방구조는 다음과 같을것.
- 1) 외함 개방시 충전부분이 차단되도록 할것.
 - 2) 외함 개방후 충전되어있는 부분은 IP2X 이하로 할것.

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	440V/110V,120V, 100VA	1	
14	UPPER LIMIT	AC 600V/75A	1	
15	TERMINAL BLOCK	60A,15A		
16	EARTH TERMINAL	3t×20×50	1	

[illegible]



NOTE 1. 전선의 색상과 다름과 같다.

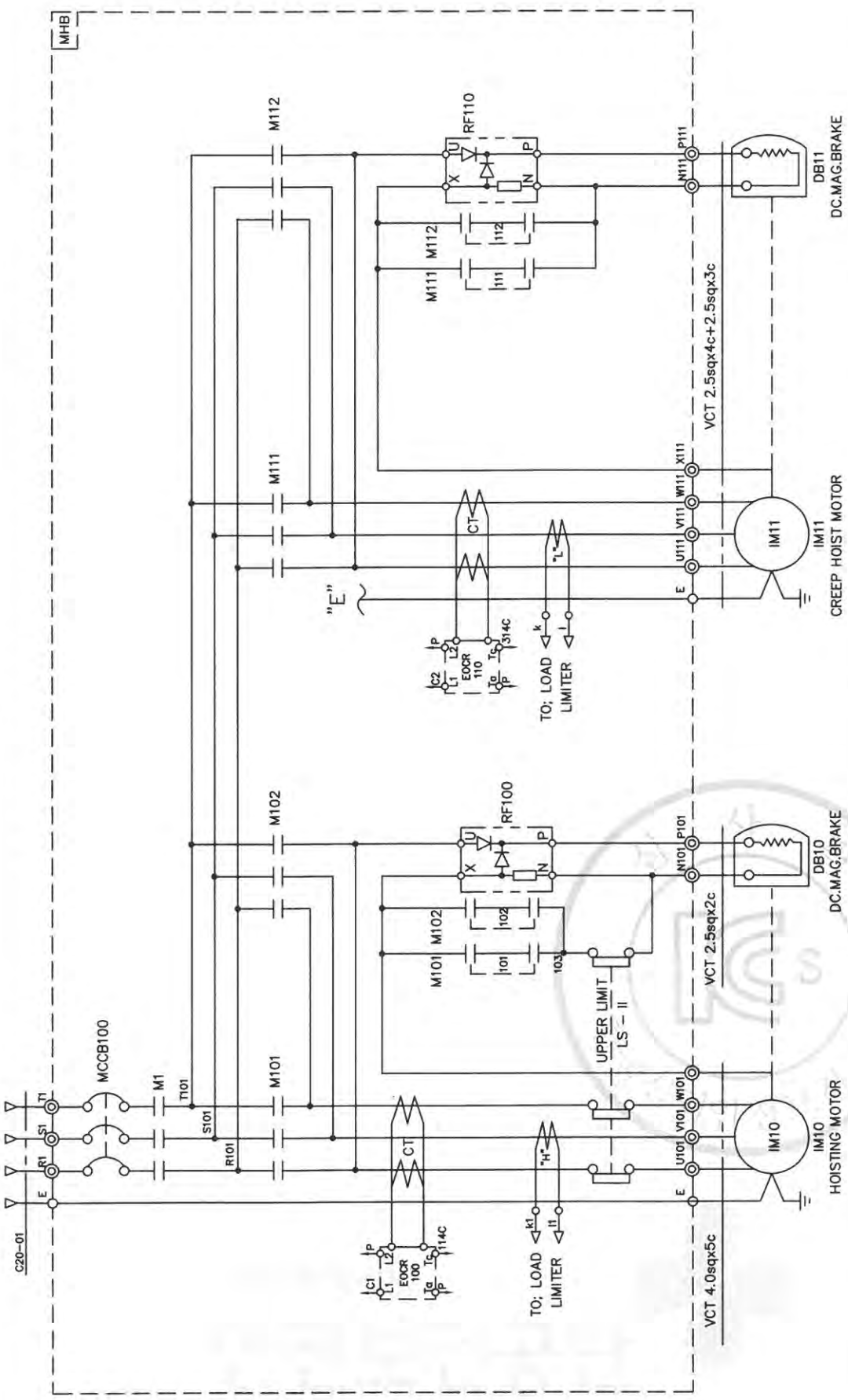
- 1) 흑색 : 고무 및 직류 전원선로
 - 2) 적색 : 교류제어회로
 - 3) 주황색 : 외부전원에서 공급되는 인동장치 제어회로
 - 4) 녹색 또는 녹색과 황색 혼용 : 접지선
2. CABLE MATERIAL : ┌ KIV OR EQUIVALENT
└ MIN SIZE : 1.5sq
3. 제어용 전선 : 1.5mm KIV,HIV
 4. 제파시 다소 변경 될수있음.
 5. 외함 개발구조는 다음과 같을것.
- 1) 외함 개방시 충전부분이 차단되도록 할것.

2) 외함 개방후 충전되어있는 부본은 P2X 이상의 직접 접촉 방호가 되어있을것.

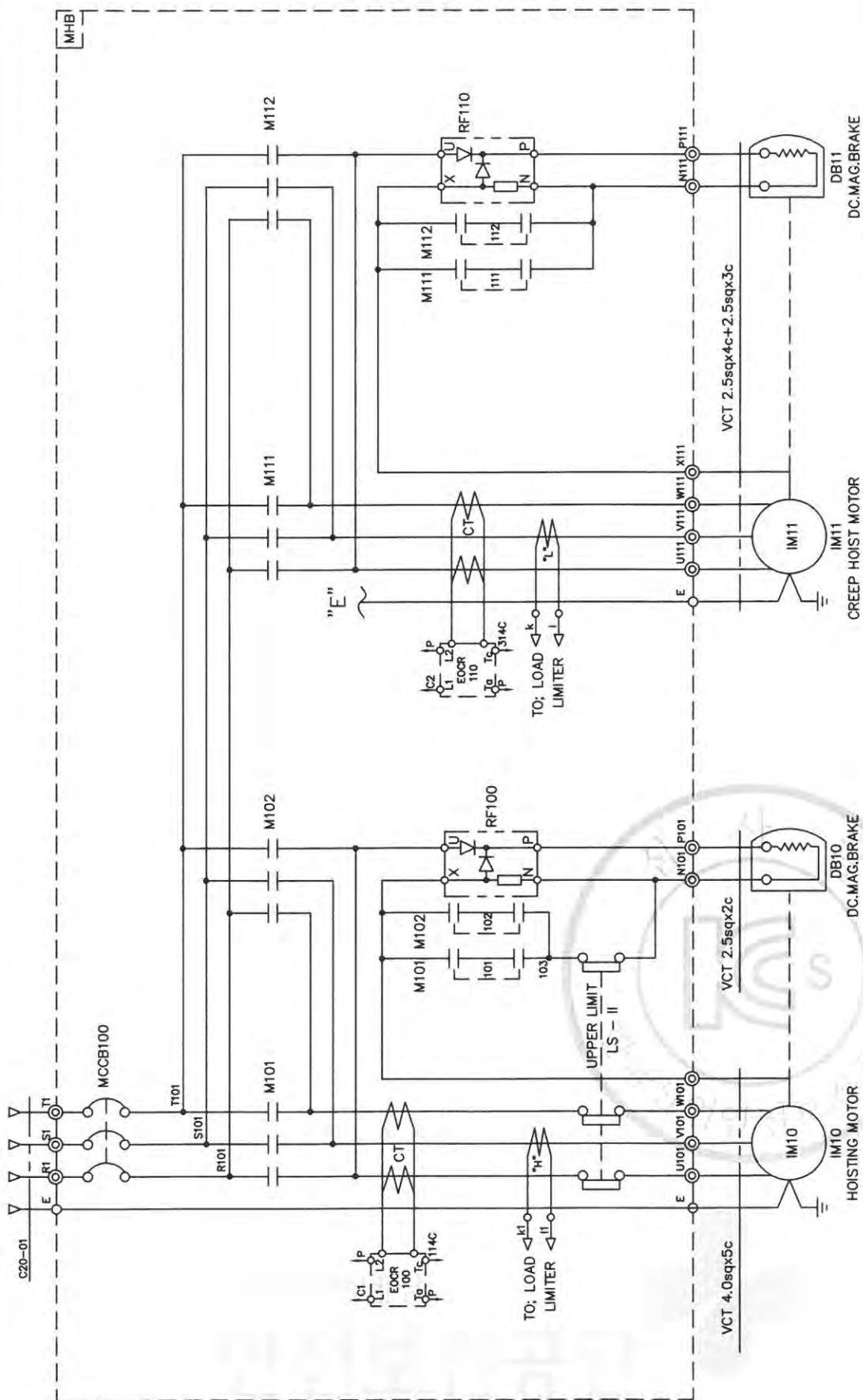
NO	DESCRIPTION	SPEC	Q'TY	REMARK
1	CHASSIS PLATE	-	1	아 연 도 금
2	CABLE DUCT	-	1	
3	MAGNET CONTACT	DMC22b	2	TRAVERSING
4	E.O.C.R	SS-05	1	TRAVERSING
5	SILICON RECTIFIER	SR-30	1	TRAVERSING
6	TERMINAL BLOCK	25A , 15A	1	TRAVERSING

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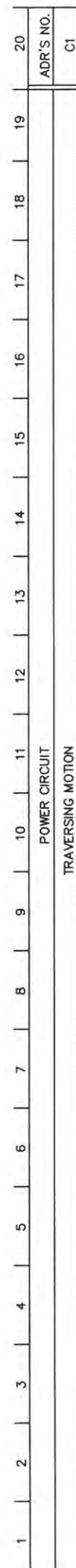
[illegible]



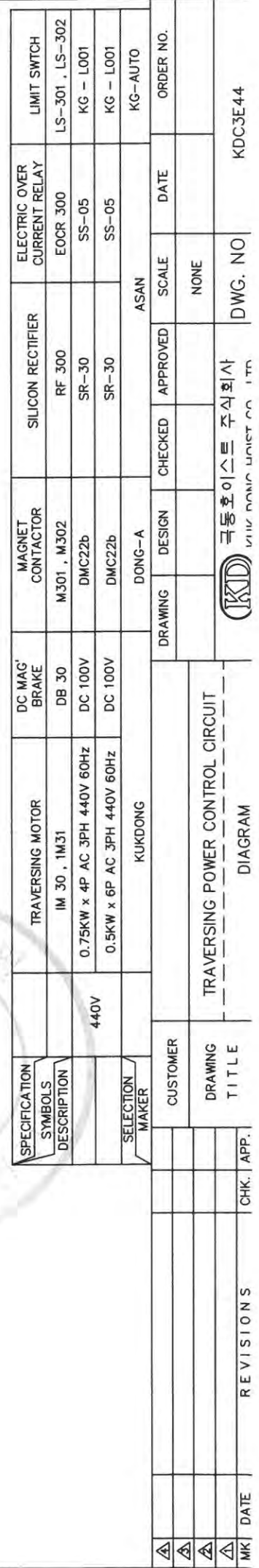
SPECIFICATION SYMBOLS	HOISTING POWER HOIST	HOISTING MOTOR	CREEP MOTOR	DC MAG. BRAKE	NO FUSE BREAKER	TRANSFORMER	FUSE	MAIN MAGNET	MAGNET CONTACTOR	UPPER LIMIT	ELECTRIC OVER CURRENT RELAY	SILICON RECTIFIER	LOAD LIMITER	CABLE
DESCRIPTION	3TON AC 3PH 440V 60Hz	IM 10	IM 11	DB10, 11	MCCB100	TR 1	F11, F12 1A 3A	M1	M101, M102 DMC40b	LS-I, LS-II AC 600V 75A	EOCR100 SS-30	RF100 SR-60	LOAD LIMITER JDL-100	C20-01
SELECTION		5.5KW x 4P	1.5KWx4P	DC 100V	ABE-33c/30AT	440/110V, 120V, 100VA								
MAKER			KUKDONG		LS	SHINHAN			DONG-A	KUKDONG	ASAN		JUNCHO	DONGIL
CUSTOMER														
DRAWING TITLE														
CREEP HOISTING POWER CONTROL CIRCUIT														
DATE														
REVISIONS														
CHK.														
APP.														
DWG. NO														
KDC3E41														



△ △ △ △	DATE	REVISIONS	CHK.	APP.	CREEP HOISTING POWER CONTROL CIRCUIT										DWG. NO		KDC3E42						
					DRAWING TITLE																		
					CUSTOMER																		
SPECIFICATION SYMBOLS					HOISTING POWER	HOISTING MOTOR	CREEP 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	IM 11	DB10, 11	MCCB100	TR 1	F11, F12	F13	M101, M102	M111, M112	LS-I, LS-II	EOCR100	RF100	RF110	C20-01				
					3TON AC 3PH 440V 60Hz	5.5KW x 4P	1.5KWx4P	DC 100V	ABE-33c/30AT	440/110V, 120V, 100VA	1A	3A	DMC40C	DMC22b	AC 600V 75A	SS-30	SS-05	SR-60	SR-30	JDL-100	VFCT 4.0sqx4c		
SELECTION MAKER					KUKDONG					LS		SHINHAN		-		DONG-A		KUKDONG		ASAN		JUNGHO	DONGIL
														DRAWING		DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.		
																				NONE			



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
POWER CIRCUIT																			
TRAVERSING MOTION																			
																			ADR'S NO.
																			C1



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	460V/110V,120V, 100VA	1	
14	UPPER LIMIT	AC 600V/75A	1	
15	TERMINAL BLOCK	60A,15A		
16	EARTH TERMINAL	3t×20x50	1	

NOTE 1. 전선의 색상과 다용과 같다.

1) 2007 : 2008 : 2009 : 2010 : 2011 : 2012 : 2013 : 2014 : 2015 : 2016 : 2017 : 2018 : 2019 : 2020 : 2021 : 2022 : 2023 : 2024 : 2025 : 2026 : 2027 : 2028 : 2029 : 2030 : 2031 : 2032 : 2033 : 2034 : 2035 : 2036 : 2037 : 2038 : 2039 : 2040 : 2041 : 2042 : 2043 : 2044 : 2045 : 2046 : 2047 : 2048 : 2049 : 2050 : 2051 : 2052 : 2053 : 2054 : 2055 : 2056 : 2057 : 2058 : 2059 : 2060 : 2061 : 2062 : 2063 : 2064 : 2065 : 2066 : 2067 : 2068 : 2069 : 2070 : 2071 : 2072 : 2073 : 2074 : 2075 : 2076 : 2077 : 2078 : 2079 : 2080 : 2081 : 2082 : 2083 : 2084 : 2085 : 2086 : 2087 : 2088 : 2089 : 2090 : 2091 : 2092 : 2093 : 2094 : 2095 : 2096 : 2097 : 2098 : 2099 : 2100 : 2101 : 2102 : 2103 : 2104 : 2105 : 2106 : 2107 : 2108 : 2109 : 2110 : 2111 : 2112 : 2113 : 2114 : 2115 : 2116 : 2117 : 2118 : 2119 : 2120 : 2121 : 2122 : 2123 : 2124 : 2125 : 2126 : 2127 : 2128 : 2129 : 2130 : 2131 : 2132 : 2133 : 2134 : 2135 : 2136 : 2137 : 2138 : 2139 : 2140 : 2141 : 2142 : 2143 : 2144 : 2145 : 2146 : 2147 : 2148 : 2149 : 2150 : 2151 : 2152 : 2153 : 2154 : 2155 : 2156 : 2157 : 2158 : 2159 : 2160 : 2161 : 2162 : 2163 : 2164 : 2165 : 2166 : 2167 : 2168 : 2169 : 2170 : 2171 : 2172 : 2173 : 2174 : 2175 : 2176 : 2177 : 2178 : 2179 : 2180 : 2181 : 2182 : 2183 : 2184 : 2185 : 2186 : 2187 : 2188 : 2189 : 2190 : 2191 : 2192 : 2193 : 2194 : 2195 : 2196 : 2197 : 2198 : 2199 : 2200 : 2201 : 2202 : 2203 : 2204 : 2205 : 2206 : 2207 : 2208 : 2209 : 2210 : 2211 : 2212 : 2213 : 2214 : 2215 : 2216 : 2217 : 2218 : 2219 : 2220 : 2221 : 2222 : 2223 : 2224 : 2225 : 2226 : 2227 : 2228 : 2229 : 2230 : 2231 : 2232 : 2233 : 2234 : 2235 : 2236 : 2237 : 2238 : 2239 : 2240 : 2241 : 2242 : 2243 : 2244 : 2245 : 2246 : 2247 : 2248 : 2249 : 2250 : 2251 : 2252 : 2253 : 2254 : 2255 : 2256 : 2257 : 2258 : 2259 : 2260 : 2261 : 2262 : 2263 : 2264 : 2265 : 2266 : 2267 : 2268 : 2269 : 2270 : 2271 : 2272 : 2273 : 2274 : 2275 : 2276 : 2277 : 2278 : 2279 : 2280 : 2281 : 2282 : 2283 : 2284 : 2285 : 2286 : 2287 : 2288 : 2289 : 2290 : 2291 : 2292 : 2293 : 2294 : 2295 : 2296 : 2297 : 2298 : 2299 : 2300 : 2301 : 2302 : 2303 : 2304 : 2305 : 2306 : 2307 : 2308 : 2309 : 2310 : 2311 : 2312 : 2313 : 2314 : 2315 : 2316 : 2317 : 2318 : 2319 : 2320 : 2321 : 2322 : 2323 : 2324 : 2325 : 2326 : 2327 : 2328 : 2329 : 2330 : 2331 : 2332 : 2333 : 2334 : 2335 : 2336 : 2337 : 2338 : 2339 : 2340 : 2341 : 2342 : 2343 : 2344 : 2345 : 2346 : 2347 : 2348 : 2349 : 2350 : 2351 : 2352 : 2353 : 2354 : 2355 : 2356 : 2357 : 2358 : 2359 : 2360 : 2361 : 2362 : 2363 : 2364 : 2365 : 2366 : 2367 : 2368 : 2369 : 2370 : 2371 : 2372 : 2373 : 2374 : 2375 : 2376 : 2377 : 2378 : 2379 : 2380 : 2381 : 2382 : 2383 : 2384 : 2385 : 2386 : 2387 : 2388 : 2389 : 2390 : 2391 : 2392 : 2393 : 2394 : 2395 : 2396 : 2397 : 2398 : 2399 : 2400 : 2401 : 2402 : 2403 : 2404 : 2405 : 2406 : 2407 : 2408 : 2409 : 2410 : 2411 : 2412 : 2413 : 2414 : 2415 : 2416 : 2417 : 2418 : 2419 : 2420 : 2421 : 2422 : 2423 : 2424 : 2425 : 2426 : 2427 : 2428 : 2429 : 2430 : 2431 : 2432 : 2433 : 2434 : 2435 : 2436 : 2437 : 2438 : 2439 : 2440 : 2441 : 2442 : 2443 : 2444 : 2445 : 2446 : 2447 : 2448 : 2449 : 2450 : 2451 : 2452 : 2453 : 2454 : 2455 : 2456 : 2457 : 2458 : 2459 : 2460 : 2461 : 2462 : 2463 : 2464 : 2465 : 2466 : 2467 : 2468 : 2469 : 2470 : 2471 : 2472 : 2473 : 2474 : 2475 : 2476 : 2477 : 2478 : 2479 : 2480 : 2481 : 2482 : 2483 : 2484 : 2485 : 2486 : 2487 : 2488 : 2489 : 2490 : 2491 : 2492 : 2493 : 2494 : 2495 : 2496 : 2497 : 2498 : 2499 : 2500 : 2501 : 2502 : 2503 : 2504 : 2505 : 2506 : 2507 : 2508 : 2509 : 2510 : 2511 : 2512 : 2513 : 2514 : 2515 : 2516 : 2517 : 2518 : 2519 : 2520 : 2521 : 2522 : 2523 : 2524 : 2525 : 2526 : 2527 : 2528 : 2529 : 2530 : 2531 : 2532 : 2533 : 2534 : 2535 : 2536 : 2537 : 2538 : 2539 : 2540 : 2541 : 2542 : 2543 : 2544 : 2545 : 2546 : 2547 : 2548 : 2549 : 2550 : 2551 : 2552 : 2553 : 2554 : 2555 : 2556 : 2557 : 2558 : 2559 : 2560 : 2561 : 2562 : 2563 : 2564 : 2565 : 2566 : 2567 : 2568 : 2569 : 2570 : 2571 : 2572 : 2573 : 2574 : 2575 : 2576 : 2577 : 2578 : 2579 : 2580 : 2581 : 2582 : 2583 : 2584 : 2585 : 2586 : 2587 : 2588 : 2589 : 2590 : 2591 : 2592 : 2593 : 2594 : 2595 : 2596 : 2597 : 2598 : 2599 : 2600 : 2601 : 2602 : 2603 : 2604 : 2605 : 2606 : 2607 : 2608 : 2609 : 2610 : 2611 : 2612 : 2613 : 2614 : 2615 : 2616 : 2617 : 2618 : 2619 : 2620 : 2621 : 2622 : 2623 : 2624 : 2625 : 2626 : 2627 : 2628 : 2629 : 2630 : 2631 : 2632 : 2633 : 2634 : 2635 : 2636 : 2637 : 2638 : 2639 : 2640 : 2641 : 2642 : 2643 : 2644 : 2645 : 2646 : 2647 : 2648 : 2649 : 2650 : 2651 : 2652 : 2653 : 2654 : 2655 : 2656 : 2657 : 2658 : 2659 : 2660 : 2661 : 2662 : 2663 : 2664 : 2665 : 2666 : 2667 : 2668 : 2669 : 2670 : 2671 : 2672 : 2673 : 2674 : 2675 : 2676 : 2677 : 2678 : 2679 : 2680 : 2681 : 2682 : 2683 : 2684 : 2685 : 2686 : 2687 : 2688 :

2) 적색 : 교통제어외로

3) **자활생** : 외부진원에서 공급되는 연동장치 제어회로

[illegible]

2. CABLE MATERIAL : KIV OR EQUIVALENT

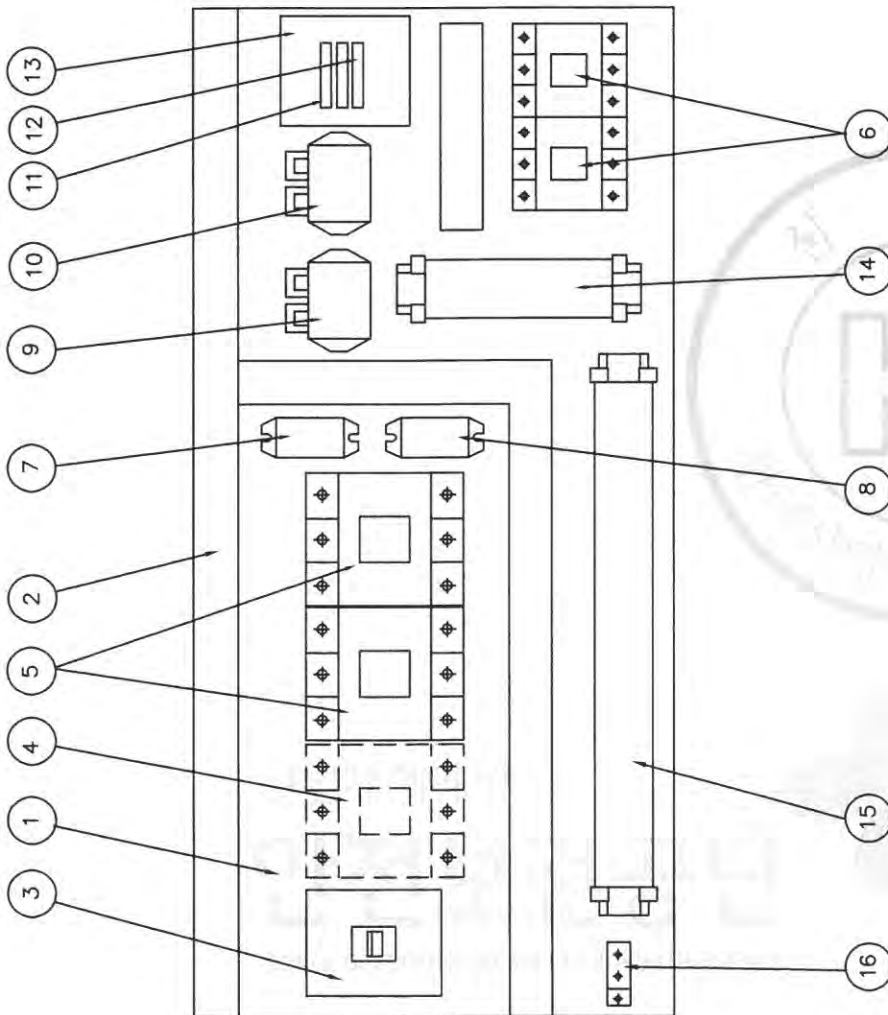
MIN SIZE: 1500

3. 제어용 전선 : 1.5mm KIV-HIV

4. 제작시 다스 버거 될스인용

5. 외환 거래금 조는 다액과 간액 조

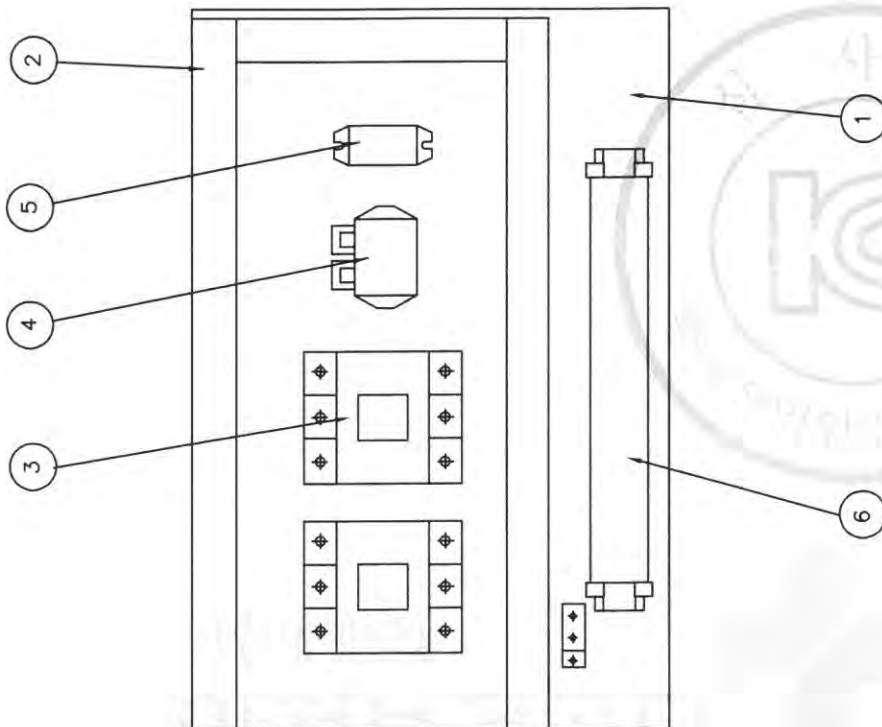
1) 외화 개방시 중전보부가 차단되도록 함

[illegible]

NOTE

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

[illegible]



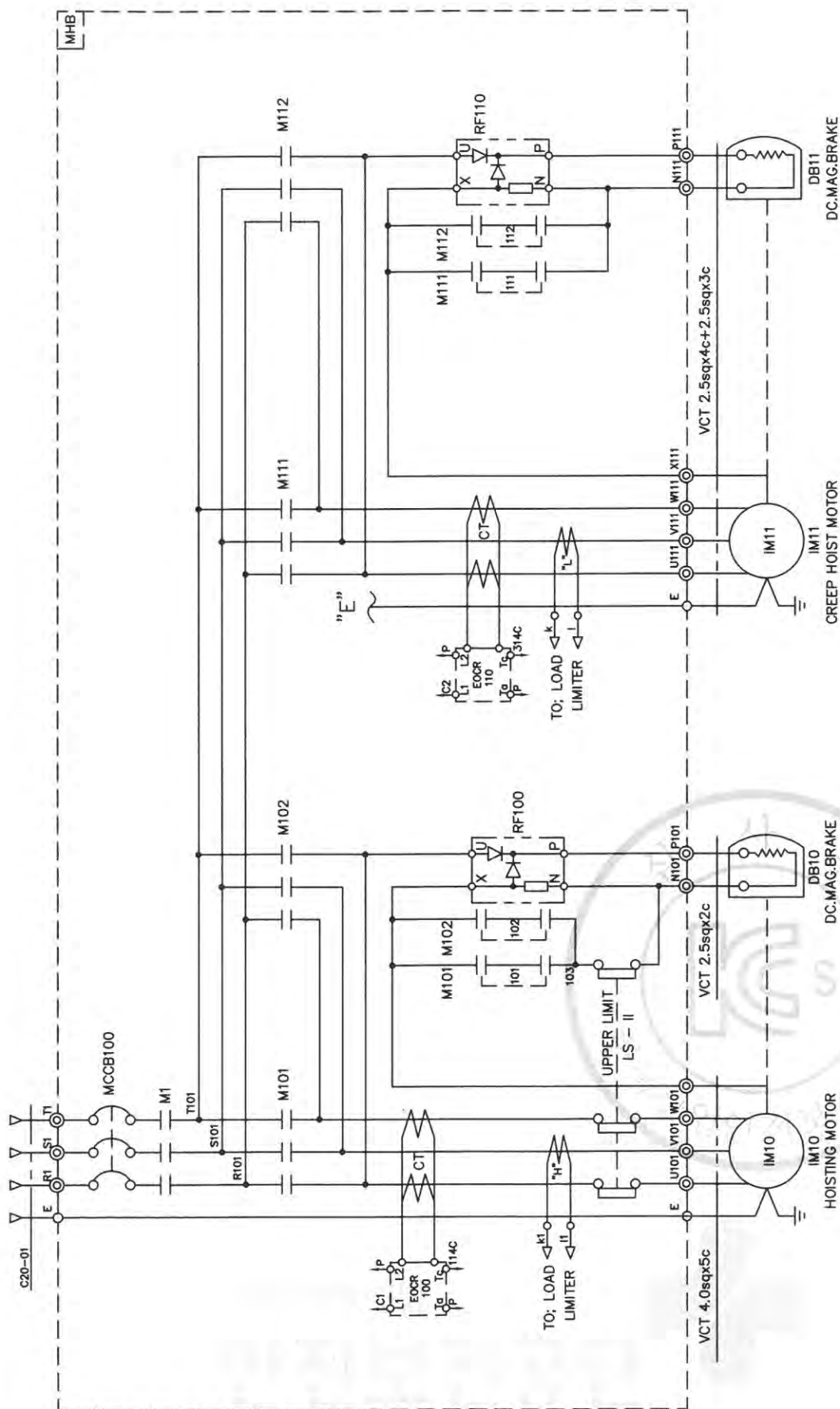
NO	DESCRIPTION	SPEC	Q'TY	REMARK
1	CHASSIS PLATE	—	1	아 연 도 금
2	CABLE DUCT	—	1	
3	MAGNET CONTACT	DMC22b	2	TRAVERSING
4	E.O.C.R	SS-05	1	TRAVERSING
5	SILICON RECTIFIER	SR-30	1	TRAVERSING
6	TERMINAL BLOCK	25A , 15A	1	TRAVERSING

NOTE 1. 전선의 세상은 다들 까 같다.

- 1) 흑색 : 고무 및 지류 전원선로
 - 2) 적색 : 고무제어회로
 - 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. 제작시 다소 변경 될수있음.
5. 외함 개방구조는 다음과 같을것.
- 1) 외함 개방시 중전부분이 차단되도록 할것.

2) 외함 개방후 충전되어있는 부본은 P2X 이상의 직접 접속 방호가 되어있을것.

[illegible]

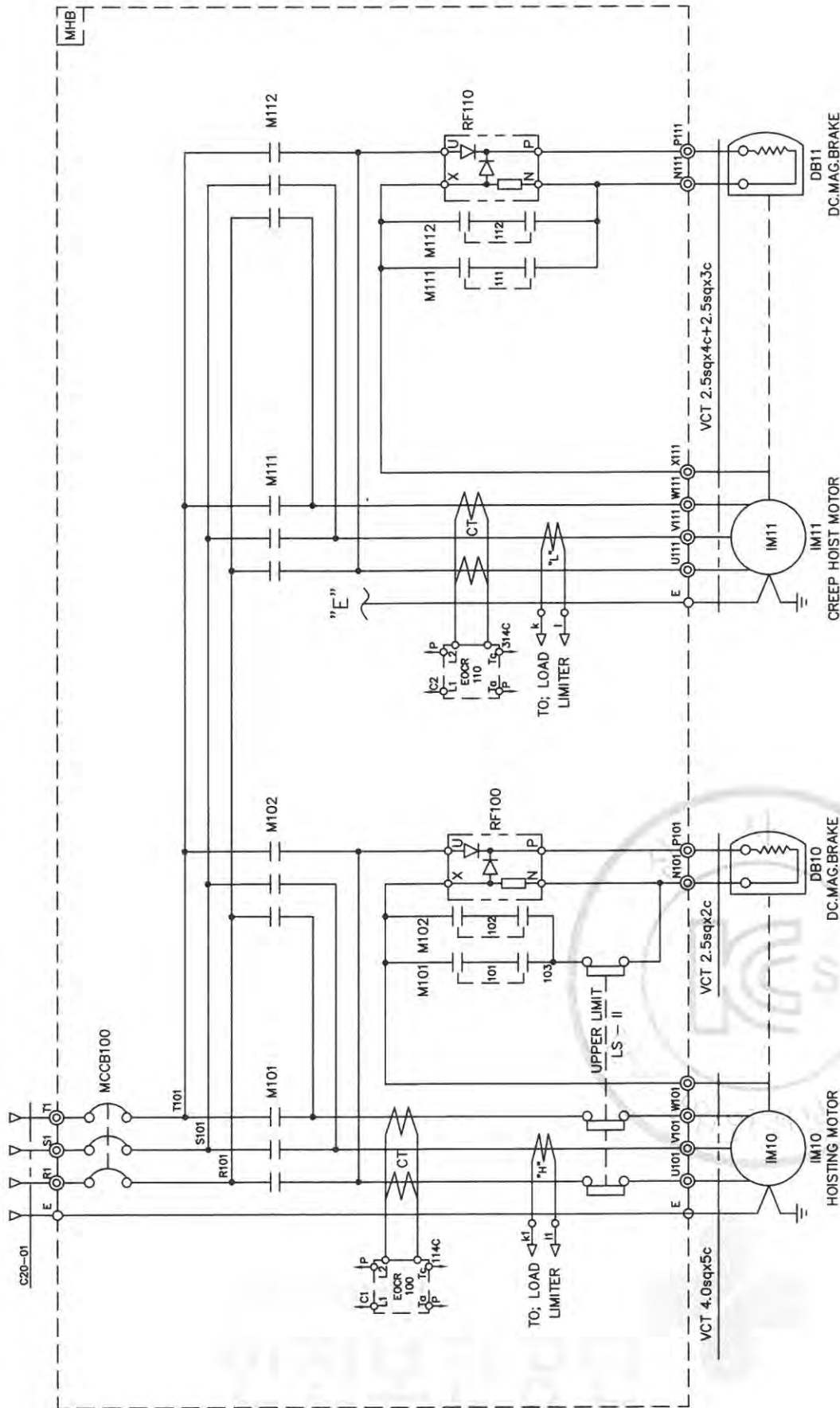


SPECIFICATION SYMBOLS DESCRIPTION	HOISTING POWER HOIST	HOISTING MOTOR IM 10	CREEP MOTOR IM 11	DC MAG. BRAKE DB10, 11	NO FUSE BREAKER MCCB100	TRANSFORMER TR 1	FUSE F1,F12	MAIN MAGNET M1	MAGNET CONTACTOR M101,M102	UPPER LIMIT LS-I, LS-II	ELECTRIC OVER CURRENT RELAY SS-30	SILICON RECTIFIER RF100	LOAD LIMITER LOAD LIMITER		
	3TON AC 3PH 460V 60Hz	5.5KW x 4P	1.5KWx4P	DC 100V	ABE-33c/30AT	460/110V,120V,100VA	1A 3A	DMC22b	DMC40b	AC 600V 75A	EOCR100	SS-05	SR-60	JDL-100	VFC 4sqx4c
SELECTION MAKER		KUKDONG			LS	SHINHAN	-		DONG-A	KUKOONG	ASAN		JUNGHO	DONGIL	
△				CUSTOMER					DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.
△													NONE		
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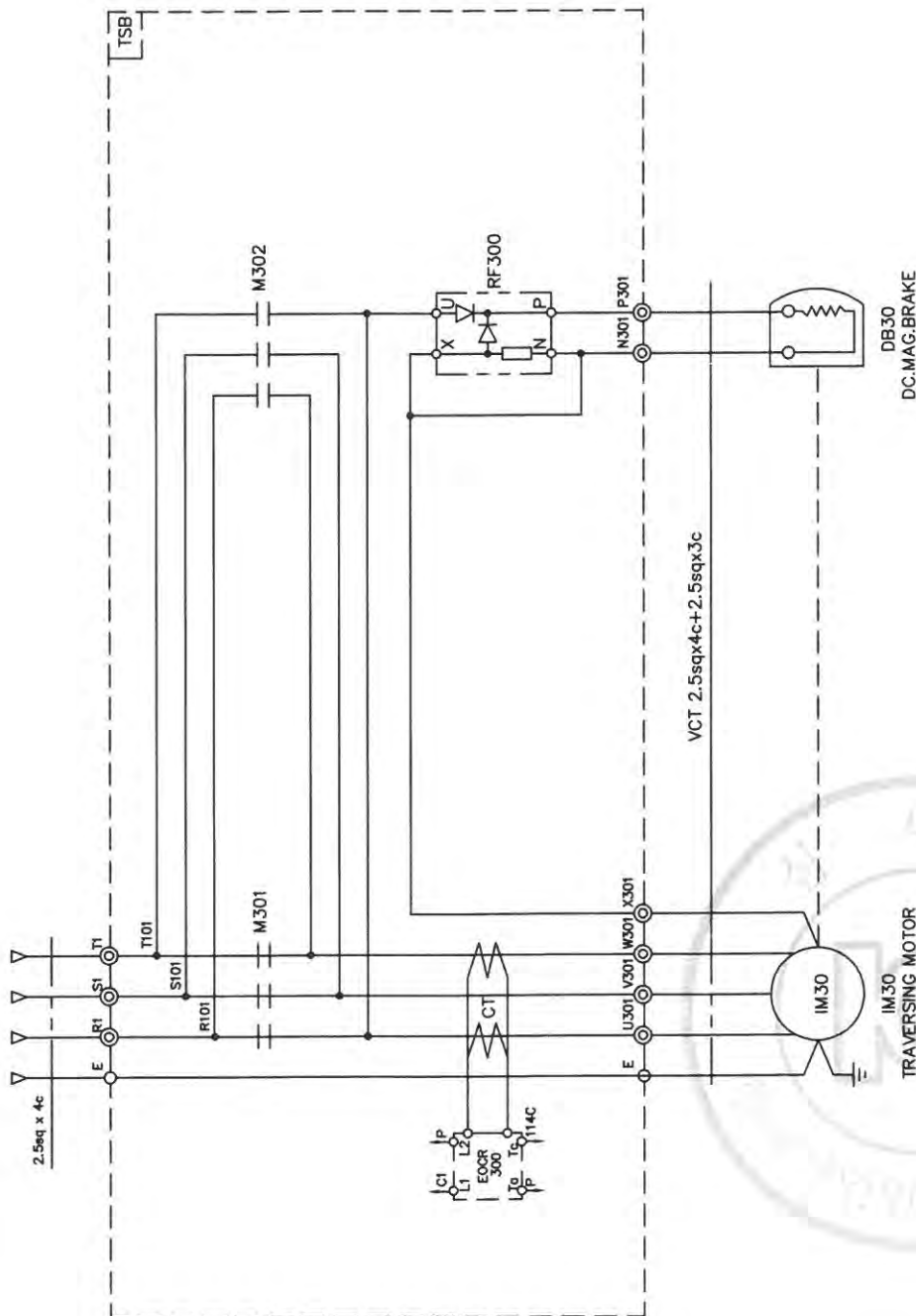
HOISTING MOTION

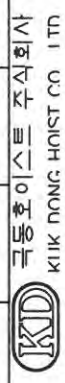
POWER CIRCUIT

CREEP HOIST MOTION



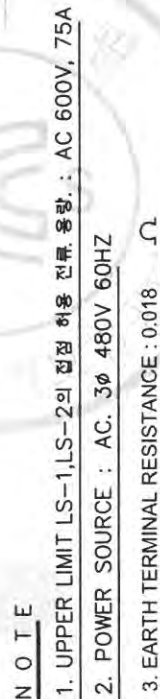
SPECIFICATION SYMBOLS	HOISTING POWER	HOISTING MOTOR	CREEP MOTOR	DC MAG. BRAKE	NO FUSE BREAKER	TRANSFORMER	FUSE		MAGNET CONTACTOR	UPPER LIMIT	ELECTRIC OVER CURRENT RELAY	SILICON RECTIFIER	LOAD LIMITER	CABLE			
							F11,F12	F13									
DESCRIPTION	HOIST	IM 10	IM 11	DB10, 11	MCCB100	TR 1	F11,F12	F13	M101,M102	M111,M112	LS-I, LS-II	EOCR100	EOCR110	RF100	RF110	C20-01	
	3TON AC 3PH 460V 60Hz	5.5KW x 4P	1.5KWx4P	DC 100V	ABE-33c/30AT	460/110V,120V,100VA	1A	3A	DMC40b	DMC22b	AC 600V 75A	SS-30	SS-05	SR-60	SR-30	JDL-100	VFCT 4sqx4c
SELECTION																	
MAKER					LS	SHINHAN	-		DONG-A		KUKDONG	ASAN		JUNGHO	DONGIL		
									DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.		
													NONE				
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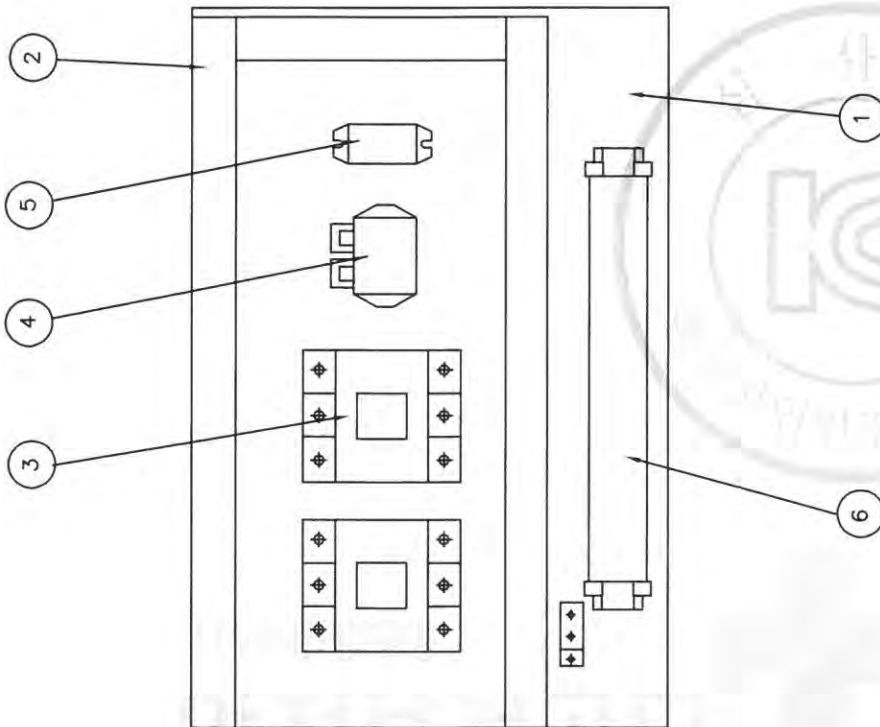
[illegible]

[illegible]

NOTE

1. 전선의 색상은 다음과 같다.
 - 1) 흑색 : 교류 및 직류 전원선으로
 - 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. 제자리 다소 변경 될수있음.
5. 외함 개방구조는 다음과 같을것.
 - 1) 외함 개방시 증전부분이 차단되도록 할것.
 - 2) 외함 개방후 증전되어있는 부분은 IP2X 이상의 직접 접촉 방호가

192.168.11.51 / 2020-03-16 09:44:29



NOTE 1. 전신의 색상은 다음과 같다.

- 1) 복채 : 고루 및 지류 전집신도
 - 2) 적채 : 고루제이회도
 - 3) 주황채 : 지류전집에서 온금도나 연꽃지 제이회도
 - 4) 녹색 또는 녹색과 황색 혼용 : 집지진
- 5) 청채 : 지류 제이회도

2. CABLE MATERIAL : 7 KIV OR EQUIVALENT

MIN SIZE : 1.5sq

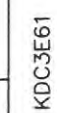
3. 제어용 전선 : 1.5mm KIN
4. 제작시 다산 본 정 될수있음.

5. 외환 개방구조는 다음과 같을것.

- 1) 외함 개방시 중전부분이 차단되도록 함.
- 2) 외함 개방후 중전되어있는 부분은 IP2X 이상의 직접 접촉 방호가 되어있을 것.

NO	DESCRIPTION	SPEC	Q'TY	REMARK
1	CHASSIS PLATE	—	1	아 연 도 급
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

[illegible]



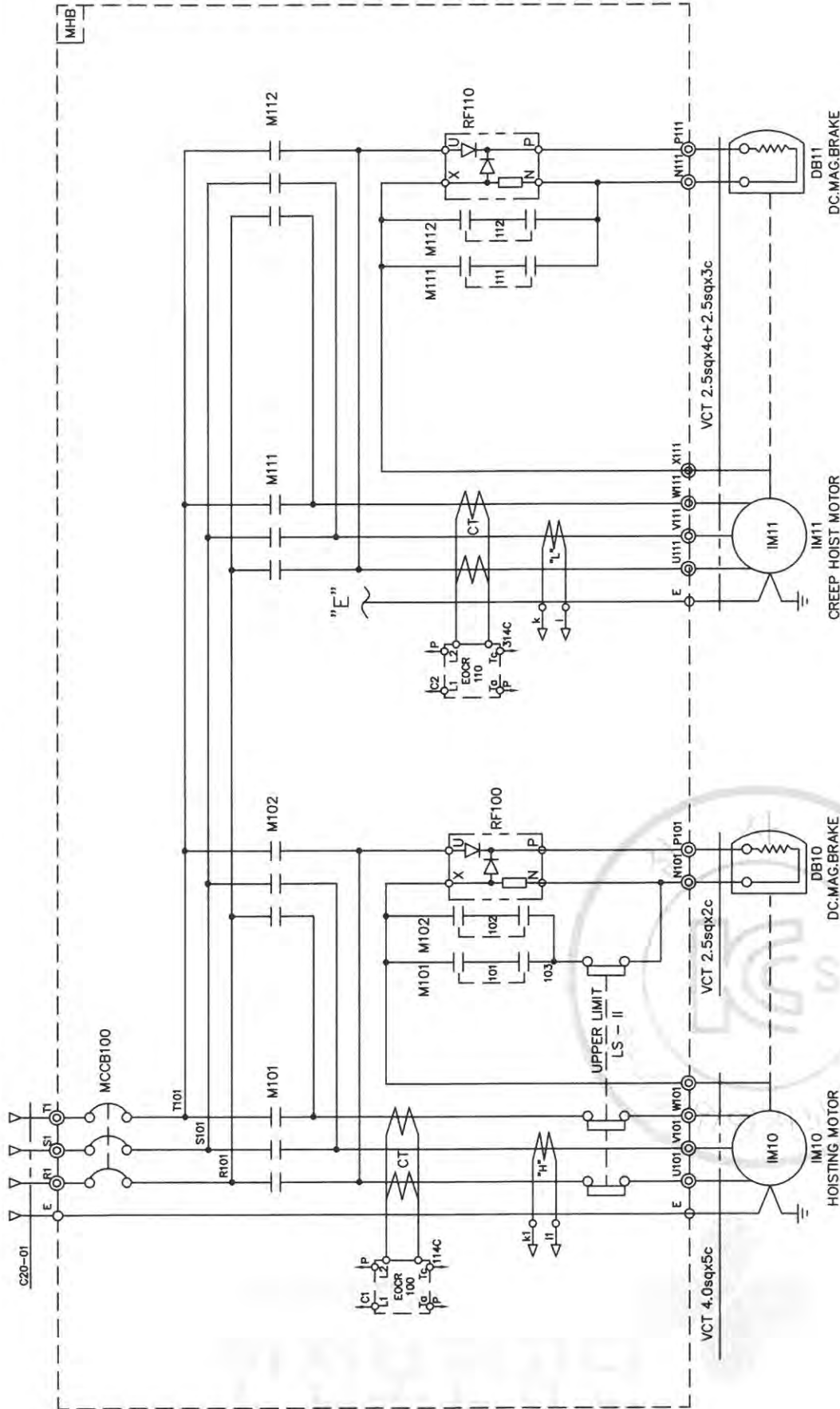
SPECIFICATION SYMBOLS	HOISTING POWER	HOISTING MOTOR	CREEP MOTOR	DC MAG. BRAKE	NO FUSE BREAKER	TRANSFORMER	FUSE		MAIN MAGNET	MAGNET CONTACTOR	UPPER LIMIT	ELECTRIC OVER CURRENT RELAY	SILICON RECTIFIER	LOAD LIMITER	CABLE		
							F11,F12	F13									
DESCRIPTION	HOIST	IM 10	IM 11	DB10, 11	MCCB100	TR 1			M1	M101,M102 M111,M112	LS-I, LS-II	EOCR100 EOCR110	RF100 RF110	LOAD LIMITER	C20-01		
	3TON AC 3PH 480V 60Hz	5.5KW x 4P	1.5KWx4P	DC 100V	ABE-33c/20AT	480/110V;120V;100VA	1A	3A	DMC22b	DMC40C	AC 600V 75A	SS-30	SR-05 SR-60 SR-30	JDL-100	VFCT 4.0sqx4c		
SELECTION					LS	SHINHAN	-		DONG-A			KUKDONG			JUNGH0		
MAKER		KUKDONG											ASAN			DONGIL	
				CUSTOMER						DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.	
														NONE			
DATE	REVISIONS	CHK.	APP.	TITLE	CREEP HOISTING POWER CONTROL CIRCUIT											DWG. NO	KDC3E61
					DIAGRAM												
																극동호이스트 주식회사	KDK DONG HOIST CO. LTD

POWER CIRCUIT

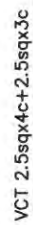
HOISTING MOTION

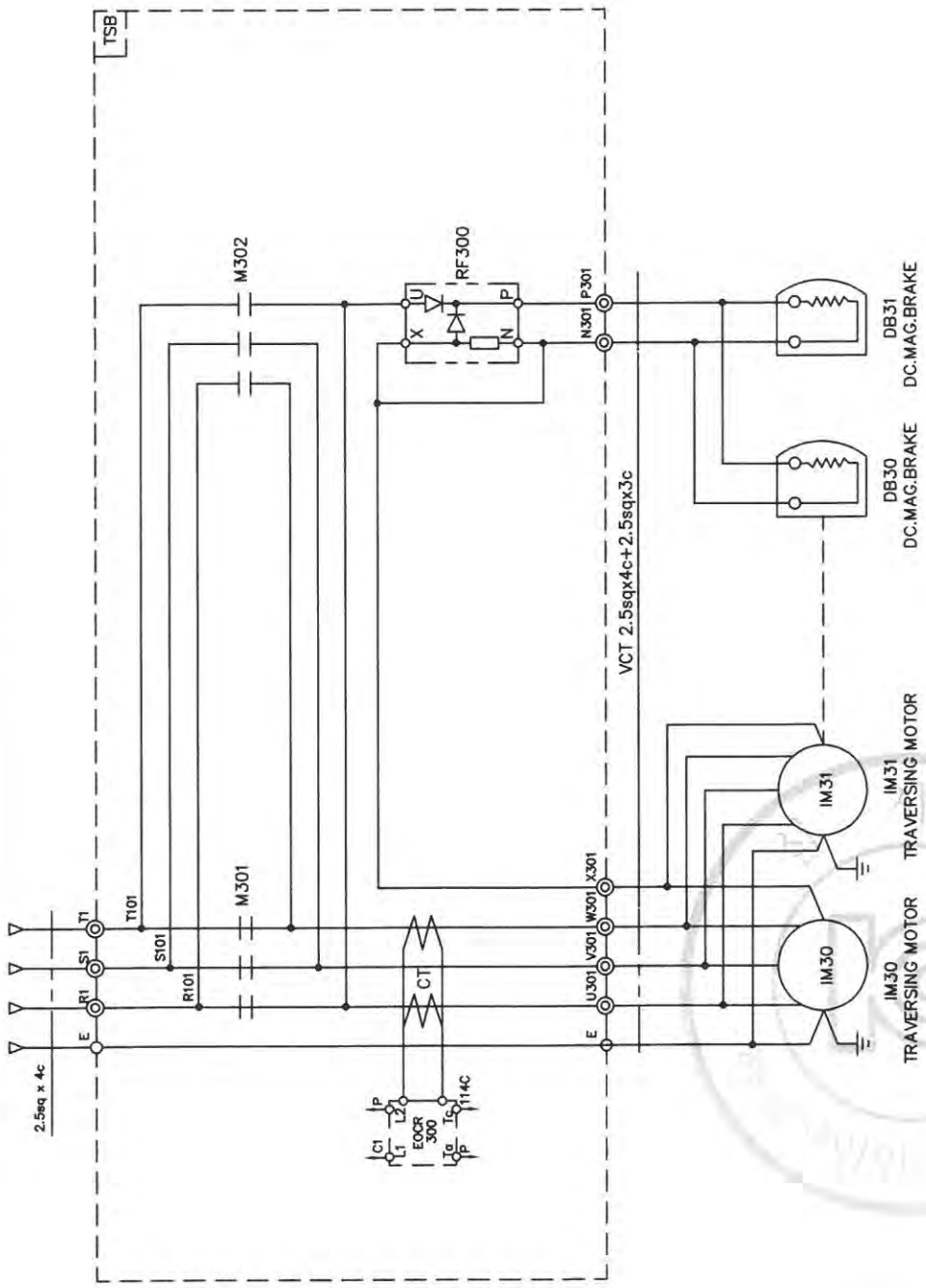
HOISTING MOTION

CREEP HOIST MOTION

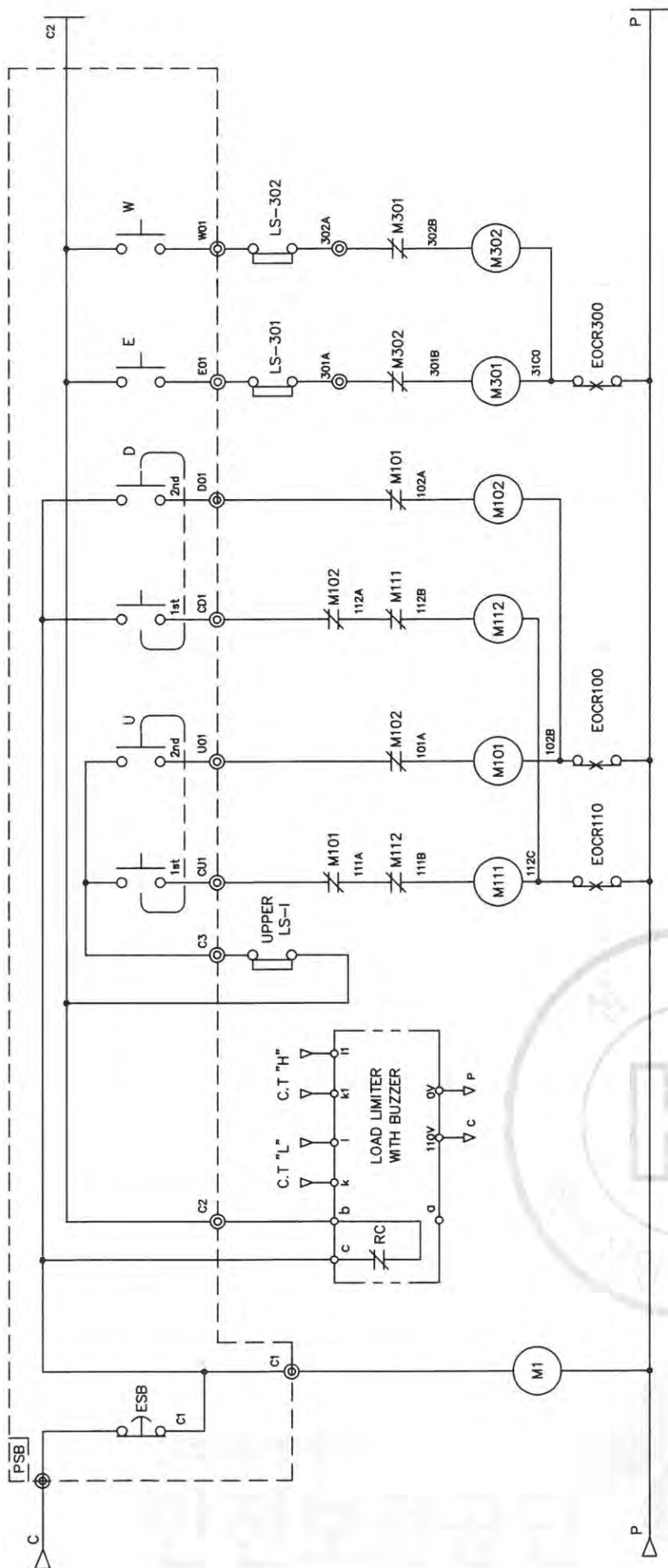


SPECIFICATION SYMBOLS	HOISTING POWER	HOISTING MOTOR	CREEP MOTOR	DC MAG. BRAKE	NO FUSE BREAKER	TRANSFORMER	FUSE	MAGNET CONTACTOR	UPPER LIMIT	ELECTRIC OVER CURRENT RELAY	SILICON RECTIFIER	LOAD LIMITER	CABLE
DESCRIPTION	3TON AC 3PH 480V 60Hz	IM 10	IM 11	DB10, 11	MCCB100	TR 1	F1, F2	M101, M102	LS-I, LS-II	EOCR100	RF100	LDL-100	C20-01
SELECTION MAKER		5.5KW x 4P	1.5KWx4P	DC 100V	ABE-33c/30AT	480/110V, 120V, 100VA	1A	DMC40b	AC 600V 75A	SS-30	SR-60	JDL-100	VFACT 4.0sqx4c
KUKDONG													
CUSTOMER													
DRAWING TITLE													
REVISIONS													
DATE													
MK													
DWG. NO													
KDC3E62													

KDC3E63

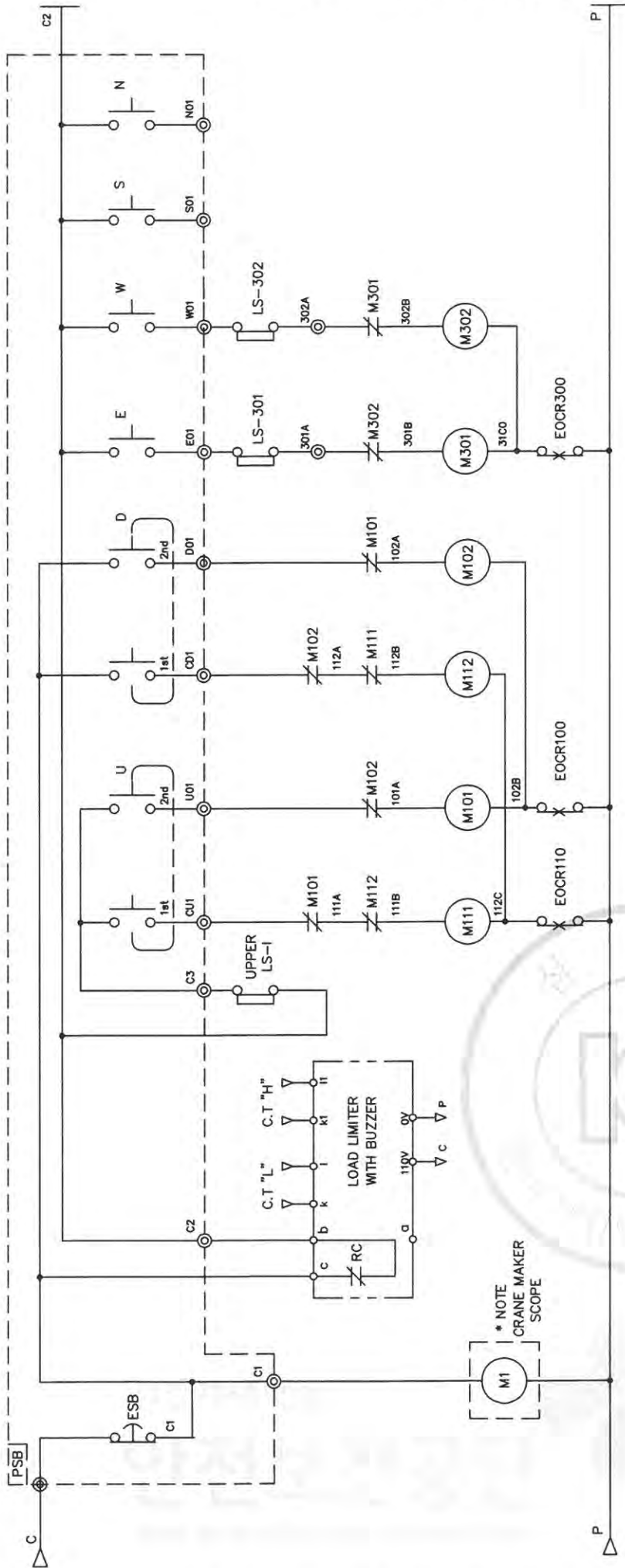


SPECIFICATION		TRAVERSING MOTOR		MAGNET CONTACTOR		SILICON RECTIFIER		ELECTRIC OVER CURRENT RELAY		LIMIT SWITCH	
SYMBOLS		IM 30, 1M31		M301, M302		RF 300		EOOR 300		LS-301, LS-302	
DESCRIPTION		0.75KW x 4P AC 3PH 480V 60Hz		DMC22b		SR-30		SS-05		KG - L001	
SELECTION		480V		DC 100V		SR-30		SS-05		KG - L001	
MAKER		KUKDONG		DONG-A		ASECO				KG-AUTO	
CUSTOMER				DRAWING		DESIGN		CHECKED		SCALE	
DRAWING		TITLE		DATE		APPROVED		DATE		ORDER NO.	
REVISIONS		TRAVERSING POWER CONTROL CIRCUIT		NONE							
DATE		CHK. APP.		DWG. NO							
MK		KDC3E64		극동호이스트 주식회사		KUK DONG HOIST CO. LTD					

[illegible]

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20.						
CONTROL CIRCUIT																									
EM, STOP						LOAD LIMIT		UPPER LIMIT		CREEP UP		UP		CREEP DOWN		DOWN		EAST		WEST		SOUTH		NORTH	
																								ADR'S NO.	
																								A5	

불법복제 및 배포금지



SPECIFICATION SYMBOLS	DESCRIPTION	UPPER LIMIT	PENDANT P.B S/W	LOAD LIMITER	LOAD LIMITER	LIMIT SWITCH
		LS-1	E.S.B			LS-301,302
		AC 600V 75A	250V 3A	JDL-100		KG-L001
		AC 600V 3A	250V 3A	JDL-100		KG-L001
MAKER		KUKDONG	KGAUTO	JEUNGHO		KG-AUTO

DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.
				NONE		

DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.
				NONE		

DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.
				NONE		

DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.
				NONE		

DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.
				NONE		

DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.
				NONE		

DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.
				NONE		

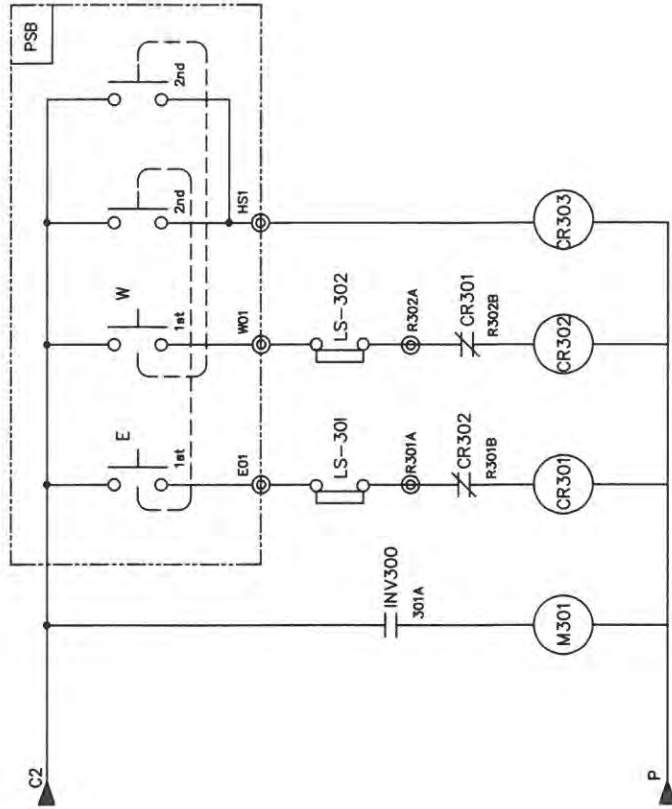
DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.
				NONE		

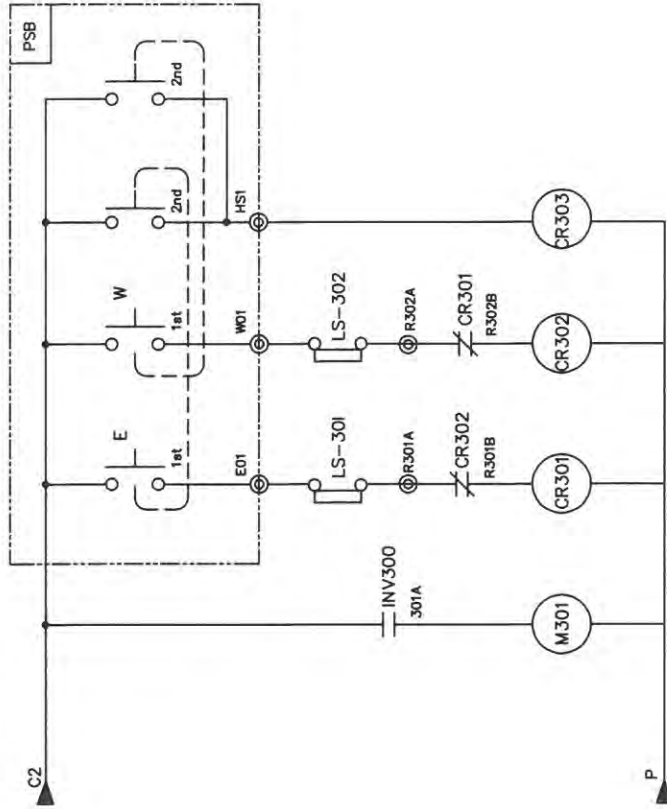
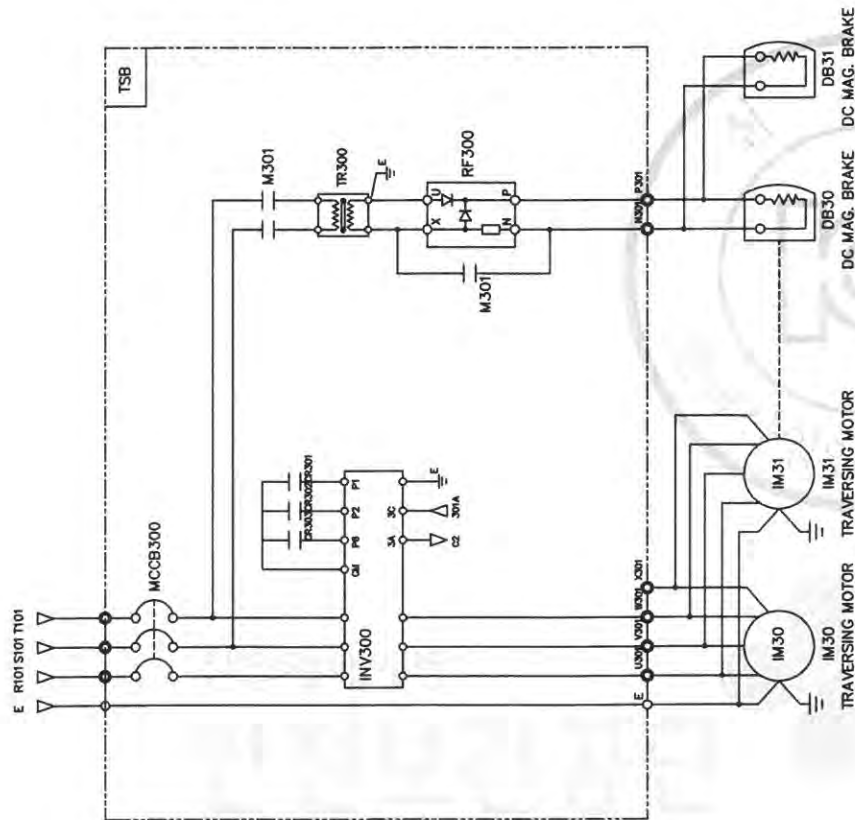
DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.
				NONE		

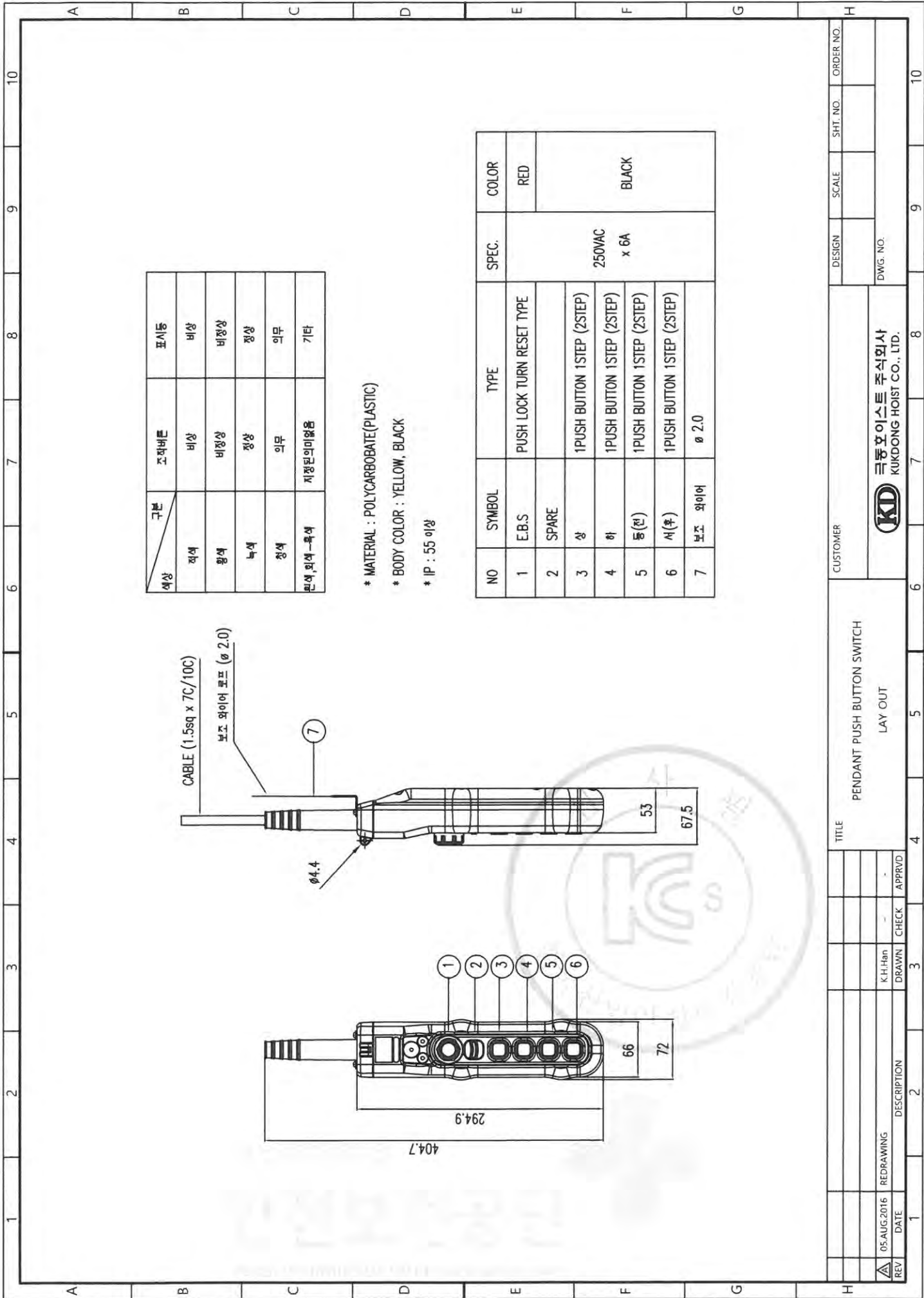


11	EARTH BUS BAR	PUR	1		
10	DUCT	PUR	1		
9	TERMINAL BLOCK	PUR	1		
8	INVERTER	PUR	1		
7	TR	PUR	1		
6	RELAY & SCOKET	PUR	1		
5	RF	PUR	1		
4	MC	PUR	1		
3	MCCB	PUR	1		



[illegible]

[illegible]



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

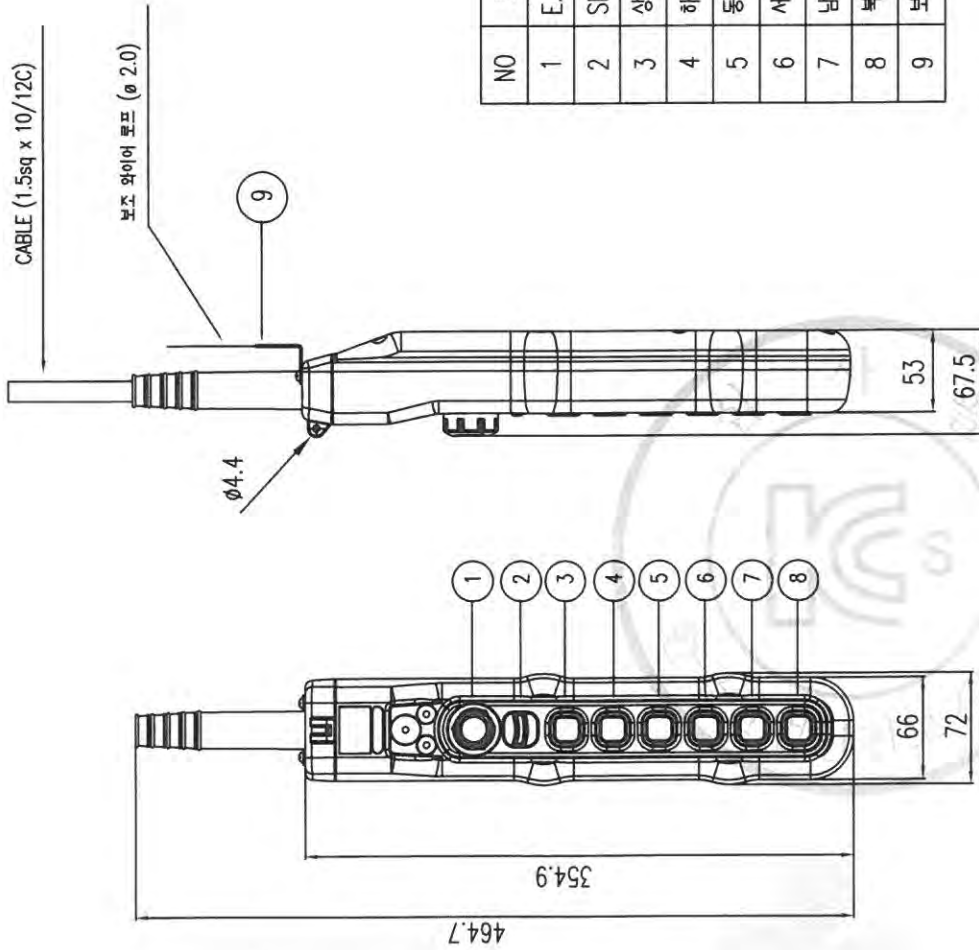
* MATERIAL : POLYCARBONATE(PLASTIC)

* BODY COLOR : YELLOW, BLACK

* IP : 55 이상

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

REV	DATE	DESCRIPTION	DRAWN	CHECK	APPROVD	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.				



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

* MATERIAL : POLYCARBONATE(PLASTIC)

* BODY COLOR : YELLOW, BLACK

* IP : 55 이상

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

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

제 2012-BJ-0009 호



안 전 인 증 서

정호엔지니어링

경기도 광명시 노동사동 440-5

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

품 목

양중기용 과부하방지장치

형식·모델/용량·등급/인증번호

형식·모델	용량·등급	인증번호
JDL-100	J-2	12-AV2BJ-0009

인 증 기 준

방호장치 의무안전인증 고시(고용노동부고시 제2010-36호)

인 증 조 건

아래 주소에서 생산되는 제품에 한함.

정호엔지니어링, 경기도 광명시 노동사동 440-5

2012년 06월 11일

한국산업안전보건공단 이사장



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	Normal 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	Normal 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

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



WIRE

Sunchon 2 Factory : 38, Sandan 4-gil, Seo-myeon, Sunchon-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	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	
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

* POWER SOURCE : AC 3Φ 380V 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	5.8 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

극동하이스트(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

* POWER SOURCE : AC 3Φ 480V 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	4.6 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

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	10 A	11.2 A	CT-2	K-K1, L-L1	5 V.A	
	0.4KW x 4P	110%	1 SEC	1 SEC	2.7 A	3.1 A	CT-1	K-K1, L-L1	5 V.A	
C2 TON	3.7KW x 4P	110%	1 SEC	1 SEC	16.0 A	17.4 A	CT-2	K-K1, L-L1	5 V.A	
	0.4KW x 4P	110%	1 SEC	1 SEC	2.7 A	3.1 A	CT-1	K-K1, L-L1	5 V.A	
C2.8 TON	5.0KW x 4P	110%	1 SEC	1 SEC	22.8 A	24.2 A	CT-2	K-K1, L-L1	5 V.A	
	1.5KW x 4P	110%	1 SEC	1 SEC	7.3 A	8.3 A	CT-1	K-K1, L-L1	5 V.A	
C3 TON	5.5KW x 4P	110%	1 SEC	1 SEC	22.8 A	24.3 A	CT-2	K-K1, L-L1	5 V.A	
	1.5KW x 4P	110%	1 SEC	1 SEC	7.3 A	8.3 A	CT-1	K-K1, L-L1	5 V.A	
C5 TON	5.5KW x 6P	110%	1 SEC	1 SEC	28.2 A	30.1 A	CT-2	K-K1, L-L1	5 V.A	
	1.0KW x 6P	110%	1 SEC	1 SEC	6.7 A	8.1 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	30.1 A	CT-2	K-K1, L-L1	5 V.A	
	1.0KW x 6P	110%	1 SEC	1 SEC	6.7 A	8.1 A	CT-1	K-K1, L-L1	5 V.A	
C10 TON	9.0KW x 8P	110%	1 SEC	1 SEC	45.0 A	49.1 A	CT-2	K-K1, L-L1	5 V.A	
	1.1KW x 8P	110%	1 SEC	1 SEC	8.0 A	9.6 A	CT-2	K-K1, L-L1	5 V.A	

NOTE

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

LOAD LIMITER 권고 SETTING치

* POWER SOURCE : AC 3Φ 380V 60Hz

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	5.8 A	6.3 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 TON	3.7KW x 4P	110%	1 SEC	1 SEC	9.3 A	11.3 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	13.6 A	CT-2	K-K1, L-L1	5 V.A	
	1.5KW x 4P	110%	1 SEC	1 SEC	4.2 A	5.4 A	CT-1	K-K1, L-L1	5 V.A	
C3 TON	5.5KW x 4P	110%	1 SEC	1 SEC	12.2 A	13.6 A	CT-2	K-K1, L-L1	5 V.A	
	1.5KW x 4P	110%	1 SEC	1 SEC	4.2 A	5.4 A	CT-1	K-K1, L-L1	5 V.A	
C5 TON	5.5KW x 6P	110%	1 SEC	1 SEC	16.3 A	17.8 A	CT-2	K-K1, L-L1	5 V.A	
	1.0KW x 6P	110%	1 SEC	1 SEC	3.9 A	5.3 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	17.8 A	CT-2	K-K1, L-L1	5 V.A	
	1.0KW x 6P	110%	1 SEC	1 SEC	3.9 A	5.3 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	6.1 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	7.3 A	CT-2	K-K1, L-L1	5 V.A	
	0.4KW x 4P	110%	1 SEC	1 SEC	1.4 A	1.8 A	CT-1	K-K1, L-L1	5 V.A	
C2 TON	3.7KW x 4P	110%	1 SEC	1 SEC	8.0 A	10.8 A	CT-2	K-K1, L-L1	5 V.A	
	0.4KW x 4P	110%	1 SEC	1 SEC	1.4 A	1.8 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	13.7 A	CT-2	K-K1, L-L1	5 V.A	
	1.5KW x 4P	110%	1 SEC	1 SEC	3.7 A	4.3 A	CT-1	K-K1, L-L1	5 V.A	
C3 TON	5.5KW x 4P	110%	1 SEC	1 SEC	10.5 A	13.7 A	CT-2	K-K1, L-L1	5 V.A	
	1.5KW x 4P	110%	1 SEC	1 SEC	3.7 A	4.3 A	CT-1	K-K1, L-L1	5 V.A	
C5 TON	5.5KW x 6P	110%	1 SEC	1 SEC	14.1 A	18.5 A	CT-2	K-K1, L-L1	5 V.A	
	1.0KW x 6P	110%	1 SEC	1 SEC	3.3 A	4.7 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	18.5 A	CT-2	K-K1, L-L1	5 V.A	
	1.0KW x 6P	110%	1 SEC	1 SEC	3.3 A	4.7 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	5.4 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 460V 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	4.8 A	5.2 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	11.5 A	CT-2	K-K1, L-L1	5 V.A	
	1.5KW x 4P	110%	1 SEC	1 SEC	3.5 A	4.3 A	CT-1	K-K1, L-L1	5 V.A	
C3 TON	5.5KW x 4P	110%	1 SEC	1 SEC	10.0 A	11.5 A	CT-2	K-K1, L-L1	5 V.A	
	1.5KW x 4P	110%	1 SEC	1 SEC	3.5 A	4.3 A	CT-1	K-K1, L-L1	5 V.A	
C5 TON	5.5KW x 6P	110%	1 SEC	1 SEC	13.5 A	14.7 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	14.7 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	5.4 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	5.0 A	CT-2	K-K1, L-L1	5 V.A	
	0.4KW x 4P	110%	1 SEC	1 SEC	1.2 A	1.35 A	CT-1	K-K1, L-L1	5 V.A	
C2 TON	3.7KW x 4P	110%	1 SEC	1 SEC	7.3 A	8.2 A	CT-2	K-K1, L-L1	5 V.A	
	0.4KW x 4P	110%	1 SEC	1 SEC	1.2 A	1.35 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	11.2 A	CT-2	K-K1, L-L1	5 V.A	
	1.5KW x 4P	110%	1 SEC	1 SEC	3.4 A	4.3 A	CT-1	K-K1, L-L1	5 V.A	
C3 TON	5.5KW x 4P	110%	1 SEC	1 SEC	9.6 A	11.2 A	CT-2	K-K1, L-L1	5 V.A	
	1.5KW x 4P	110%	1 SEC	1 SEC	3.4 A	4.3 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	5.4 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

극동호이스트 (주)

MOTOR 용량	MOTOR 정격 전류	DRIVE TYPE	E.O.C.R TYPE	권고 SETTING 치			REMARK
				DELAY TIME	OPERATION TIME	CURRENT	
0.2KW x 6P	2.1 A	1 DRIVE	SS - 05	3 SEC	1 SEC	2.3 A	
		2DRIVE	SS - 05	3 SEC	1 SEC	4.6 A	
0.4KW x 4P	2.7 A	1 DRIVE	SS - 05	3 SEC	1 SEC	3.0 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	5.9 A	
0.5KW x 6P	3.5 A	1 DRIVE	SS - 05	3 SEC	1 SEC	3.9 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	7.7 A	
0.75KW x 4P	4.1 A	1 DRIVE	SS - 05	3 SEC	1 SEC	4.5 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	9.0 A	
1.0KW x 6P	6.8 A	1 DRIVE	SS - 30	3 SEC	1 SEC	7.5 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	15.0 A	
1.5KW x 4P	7.4 A	1 DRIVE	SS - 30	3 SEC	1 SEC	8.1 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	16.3 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	
		2 DRIVE	SS - 05	3 SEC	1 SEC	4.7 A	
2.2KW x 6P	12.0 A	1 DRIVE	SS - 30	3 SEC	1 SEC	10.6 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	9.4 A	
3.7KW x 4P	16.0 A	1 DRIVE	SS - 30	3 SEC	1 SEC	13.2 A	
		2DRIVE	SS - 60	3 SEC	1 SEC	26.4 A	
				3 SEC	1 SEC	17.6 A	
				3 SEC	1 SEC	35.2 A	

NOTE

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

E.O.C.R 권고 SETTING 치

* POWER SOURCE : AC3Φ 380V 60Hz

극동하이스트 (주)

MOTOR 용량	MOTOR 정격 전류	DRIVE TYPE	E.O.C.R TYPE	권고 SETTING 치			REMARK
				DELAY TIME	OPERATION TIME	CURRENT	
0.2KW x 6P	1.6 A	1 DRIVE	SS - 05	3 SEC	1 SEC	1.8 A	
		2DRIVE	SS - 05	3 SEC	1 SEC	3.5 A	
0.4KW x 4P	1.8 A	1 DRIVE	SS - 05	3 SEC	1 SEC	2.0 A	
		2DRIVE	SS - 05	3 SEC	1 SEC	4.0 A	
0.5KW x 6P	2.0 A	1 DRIVE	SS - 05	3 SEC	1 SEC	2.2 A	
		2DRIVE	SS - 05	3 SEC	1 SEC	4.4 A	
0.75KW x 4P	2.4 A	1 DRIVE	SS - 05	3 SEC	1 SEC	2.6 A	
		2DRIVE	SS - 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	4.3 A	1 DRIVE	SS - 05	3 SEC	1 SEC	4.7 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	9.5 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	
		2 DRIVE	SS - 05	3 SEC	1 SEC	2.9 A	
	2.6 A	1 DRIVE	SS - 30	3 SEC	1 SEC	6.1 A	
		2 DRIVE	SS - 30	3 SEC	1 SEC	5.8 A	
2.2KW x 6P	7.0 A	1 DRIVE	SS - 30	3 SEC	1 SEC	7.7 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	15.4 A	
3.7KW x 4P	9.3 A	1 DRIVE	SS - 30	3 SEC	1 SEC	10.2 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	20.5 A	

NOTE

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

E.O.C.R 권고 SETTING 치

* POWER SOURCE : AC3Φ 440V 60Hz

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	1.3 A	
		2DRIVE	SS - 05	3 SEC	1 SEC	2.6 A	
0.4KW x 4P	1.4 A	1 DRIVE	SS - 05	3 SEC	1 SEC	1.5 A	
		2DRIVE	SS - 05	3 SEC	1 SEC	3.1 A	
0.5KW x 6P	1.8 A	1 DRIVE	SS - 05	3 SEC	1 SEC	2.0 A	
		2DRIVE	SS - 05	3 SEC	1 SEC	4.0 A	
0.75KW x 4P	2.1 A	1 DRIVE	SS - 05	3 SEC	1 SEC	2.3 A	
		2DRIVE	SS - 05	3 SEC	1 SEC	4.6 A	
1.0KW x 6P	2.8 A	1 DRIVE	SS - 05	3 SEC	1 SEC	3.1 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	6.2 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 - 05	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	2.5 A	
	2.3 A	2 DRIVE	SS - 05	3 SEC	1 SEC	5.3 A	
			SS - 05	3 SEC	1 SEC	5.0 A	
2.2KW x 6P	5.8 A	1 DRIVE	SS - 30	3 SEC	1 SEC	6.4 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	12.8 A	
3.7KW x 4P	8.0 A	1 DRIVE	SS - 30	3 SEC	1 SEC	8.8 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	17.6 A	

NOTE

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

E.O.C.R 권고 SETTING 치

* POWER SOURCE : AC3Φ 460V 60Hz

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	1.3 A	
		2DRIVE	SS - 05	3 SEC	1 SEC	2.6 A	
0.4KW x 4P	1.4 A	1 DRIVE	SS - 05	3 SEC	1 SEC	1.5 A	
		2DRIVE	SS - 05	3 SEC	1 SEC	3.1 A	
0.5KW x 6P	1.8 A	1 DRIVE	SS - 05	3 SEC	1 SEC	2.0 A	
		2DRIVE	SS - 05	3 SEC	1 SEC	4.0 A	
0.75KW x 4P	2.0 A	1 DRIVE	SS - 05	3 SEC	1 SEC	2.2 A	
		2DRIVE	SS - 05	3 SEC	1 SEC	4.4 A	
1.0KW x 6P	2.8 A	1 DRIVE	SS - 05	3 SEC	1 SEC	3.1 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	6.2 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 - 05	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	
		2 DRIVE	SS - 05	3 SEC	1 SEC	5.3 A	
2.2KW x 6P	5.8 A	1 DRIVE	SS - 30	3 SEC	1 SEC	6.4 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	12.8 A	
3.7KW x 4P	8.0 A	1 DRIVE	SS - 30	3 SEC	1 SEC	8.8 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	17.6 A	

NOTE

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

E.O.C.R 권고 SETTING 치

* POWER SOURCE : AC3Φ 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	1.3 A	
		2DRIVE	SS - 05	3 SEC	1 SEC	2.6 A	
0.4KW x 4P	1.4 A	1 DRIVE	SS - 05	3 SEC	1 SEC	1.5 A	
		2DRIVE	SS - 05	3 SEC	1 SEC	3.1 A	
0.5KW x 6P	1.8 A	1 DRIVE	SS - 05	3 SEC	1 SEC	2.0 A	
		2DRIVE	SS - 05	3 SEC	1 SEC	4.0 A	
0.75KW x 4P	1.9 A	1 DRIVE	SS - 05	3 SEC	1 SEC	2.1 A	
		2DRIVE	SS - 05	3 SEC	1 SEC	4.2 A	
1.0KW x 6P	2.8 A	1 DRIVE	SS - 05	3 SEC	1 SEC	3.1 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	6.2 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 - 05	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	
	2.3 A	2 DRIVE	SS - 05	3 SEC	1 SEC	2.5 A	
2.2KW x 6P	5.8 A	1 DRIVE	SS - 30	3 SEC	1 SEC	6.4 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	12.8 A	
3.7KW x 4P	8.0 A	1 DRIVE	SS - 30	3 SEC	1 SEC	8.8 A	
		2DRIVE	SS - 30	3 SEC	1 SEC	17.6 A	

NOTE

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

THREE PHASE INDUCTION MOTOR DATA SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	HOISTING
2. MANUFACTURE	극동 호이스트 (주)
3. FRAME NUMBER	132 L
4. RATED POWER	5.5 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	1692 RPM
11. FULL LOAD CURRENT	22.8 A
12. STARTING CURRENT AT RATED VOLTAGE	138.0 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. STARTING TORQUE	6.4 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E F C
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 L
4. RATED POWER	5.5 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	1692 RPM
11. FULL LOAD CURRENT	12.2 A
12. STARTING CURRENT AT RATED VOLTAGE	79.0 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. STARTING TORQUE	6.4 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E F C
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 L
4. RATED POWER	5.5 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	1692 RPM
11. FULL LOAD CURRENT	10.5 A
12. STARTING CURRENT AT RATED VOLTAGE	67.8 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. STARTING TORQUE	6.4 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E F C
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 L
4. RATED POWER	5.5 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	1692 RPM
11. FULL LOAD CURRENT	10.0 A
12. STARTING CURRENT AT RATED VOLTAGE	64.5 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. STARTING TORQUE	6.4 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E F C
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 L
4. RATED POWER	5.5 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	1692 RPM
11. FULL LOAD CURRENT	9.6 A
12. STARTING CURRENT AT RATED VOLTAGE	61.9 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. STARTING TORQUE	6.4 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E F C
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