

EXPRESS-AS380 전기도면

현 장 명 : EXPRESS-AS380 통합도면
발 주 처 :

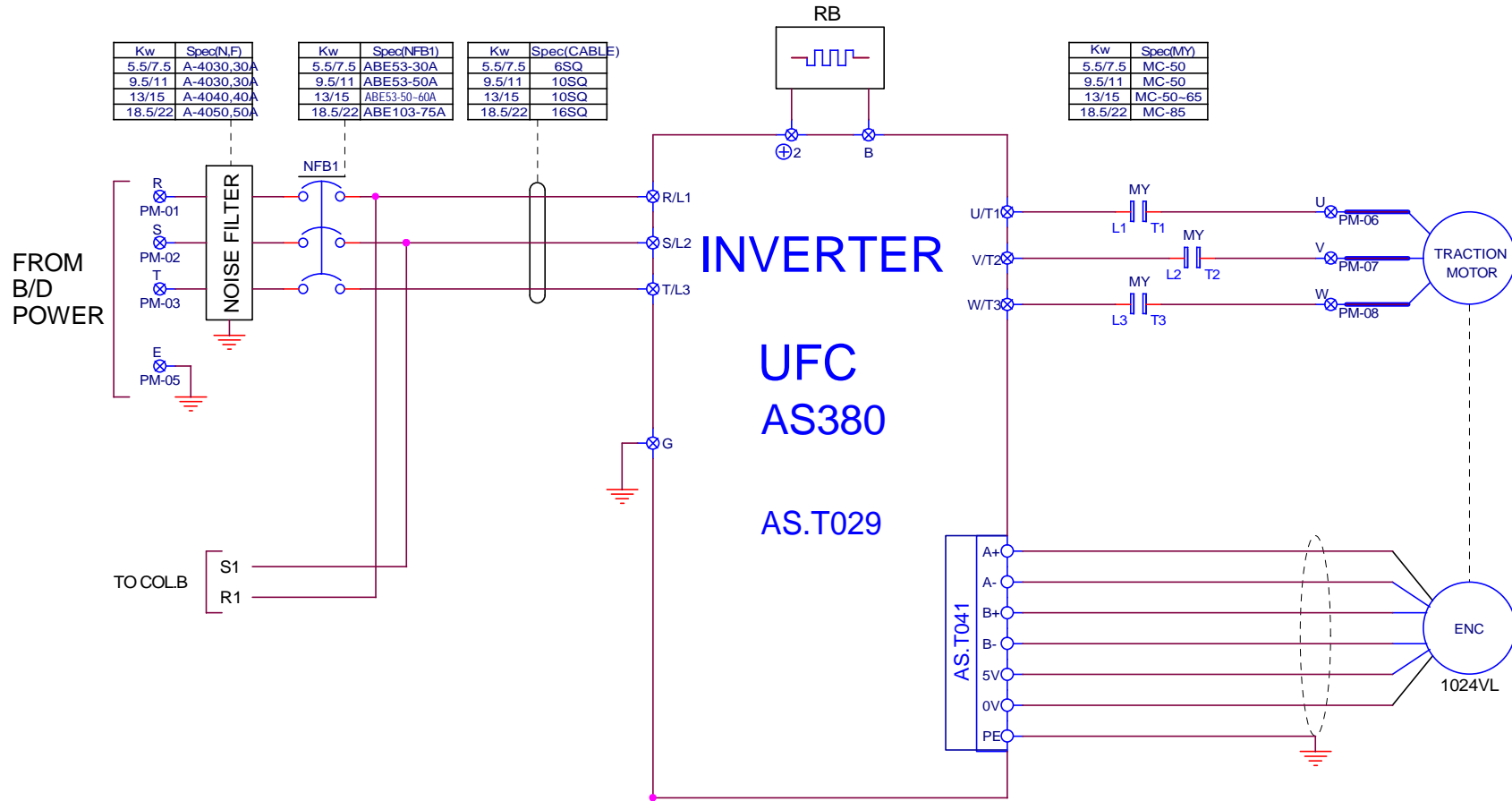
EXPRESS LIFT Co.,LTD

11	SYMBOL	SYMBOL SPECIFIC	
10	COL.J	카주위 및 운전반 결선도	CARTOP-3
9	COL.I	기계실 및 승강로 결선도	
8	COL.H	회로 결선도 (전체 계통도)	
7	COL.G	LIGHT & INTERPHONE CIRCUIT	
6	COL.F	HALL DISPLAY & CALL CONTROL	SM-04
5	COL.E	CAR CONTROL CIRCUIT	SM-02,SM-03
4	COL.D	DOOR CONTROL CIRCUIT	DCB
3	COL.C	MAIN CONTROL CIRCUIT	AS.T029
2	COL.B	POWER & SAFETY CIRCUIT	POWER-8002
1	COL.A	TRACTION CIRCUIT	INVERTER
NO	COL.NO	DESCRIPTION	NOTE

Size	Document Number	Rev
Custom	EXPRESS-AS380	07-3
Date:	Saturday, December 21, 2013	Sheet of

 (주)익스프레스리프트

COL.A(비동기)



PM 단자대 (동력단자대)		
NO	NAME	DEFINITION
PM-01	R	380V FROM B/D
PM-02	S	380V FROM B/D
PM-03	T	380V FROM B/D
PM-04	N	NEUTRAL
PM-05	PE	EARTH
PM-06	U	MOTOR-U
PM-07	V	MOTOR-V
PM-08	W	MOTOR-W
PM-09	L1	AC220V-B/D
PM-10	L2	AC220V-B/D

PA 단자대		
NO	NAME	DEFINITION
PA-01	BK1	BRAKE COIL1+
PA-02	BK2	BRAKE COIL2+
PA-03	BK3	BRAKE COIL -
PA-04	F22	AC220V-RBK
PA-05	KRB	ROPE BRAKE COIL
PA-06	RBX	R-BRAKE OPEN
PA-07	N24	COM
PA-08	N24	COM
PA-09	BX1	BRAKE1 OPEN
PA-10	BX2	BRAKE2 OPEN
PA-11	THX	MOTOR TH OPEN
PA-12	P111	SAFETY-GOV
PA-13	P112	SAFETY-GOV
PA-14	GV1	GOV OVER SPD S/W
PA-15	GV2	GOV OVER SPD S/W

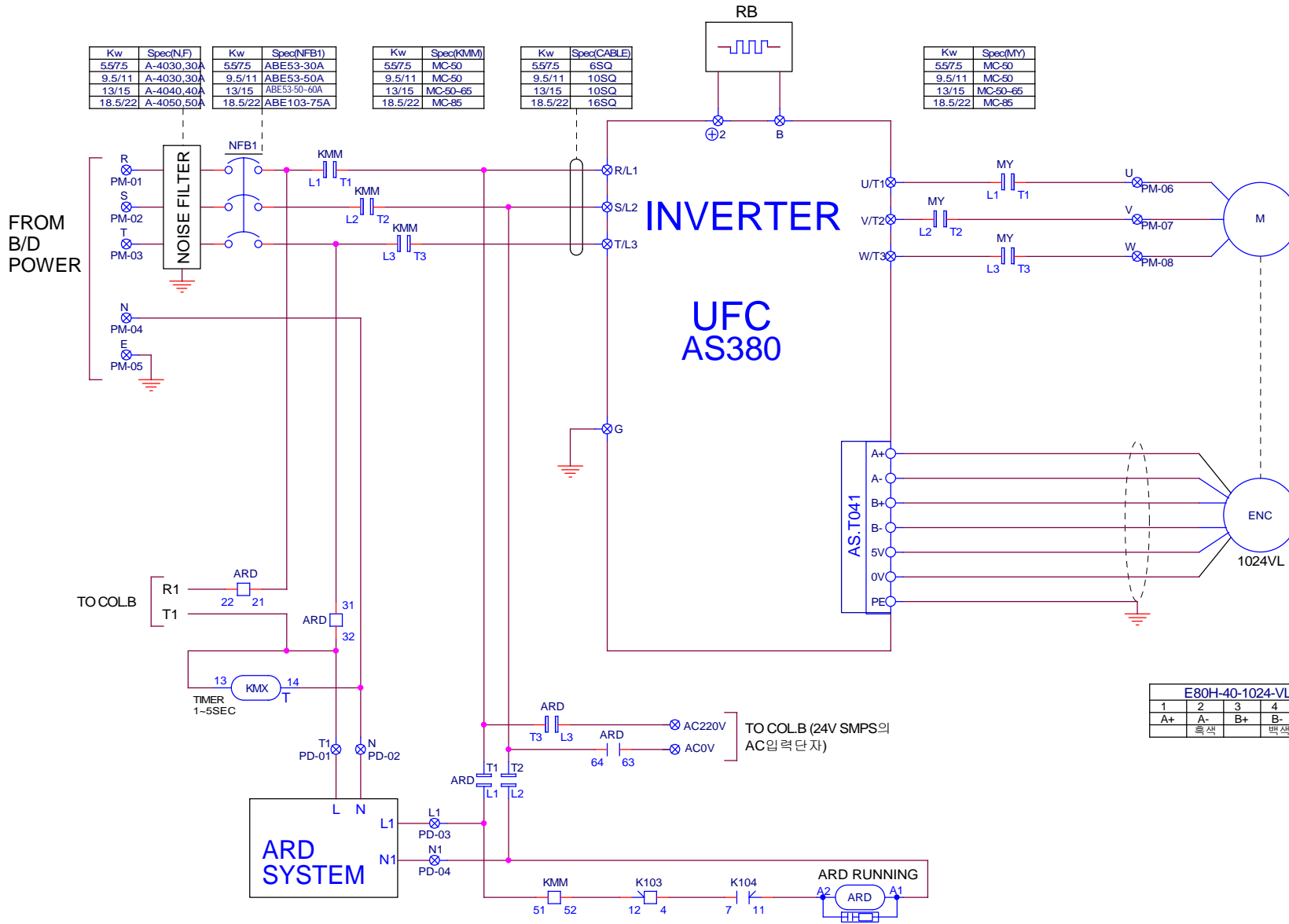
TA 단자대		
NO	NAME	DEFINITION
TA-01	P110	SAFETY (AC100)
TA-02	P111	SAFETY-CP
TA-03	P112	SAFETY-M ROOM
TA-04	P114	SAFETY-HOISTWAY
TA-05	P115	SAFETY-E/STOP
TA-06	P116	SAFETY-EXIT
TA-07	P117	SAFETY-END
TA-08	P118	GATE S/W
TA-09	P119	HATCH DOOR S/W
TA-10	PFR	SAFETY-FIRE

TB 단자대		
NO	NAME	DEFINITION
TB-01	PE	EARTH
TB-02	F10	0V-AC110V
TB-03	L1A	SAFETY AC110V
TB-04	MR	DOOR POWER
TB-05	MS	DOOR POWER
TB-06	L22	AC220V
TB-07	F22	AC220V
TB-08	L21	AC220V
TB-09	P24	+24DCV POWER
TB-10	N24	0V DC24

E80H-40-1024-VL								
1	2	3	4	5	6	7	8	S
A+	A-	B+	B-	Z+	Z-	5V	0V	PE
흑색		백색		등색	갈색	청색	실드	

DRWN BY	J.H.KWACK	APPD BY	S.D.LEE
FIELD		TITLE	TRACTION CIRCUIT
Size	Document Number	 (주)익스프레스리프트	
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COL.A-ARD



PM 단자대 (동력단자대)		
NO	NAME	DEFINITION
PM-01	R	380V FROM B/D
PM-02	S	380V FROM B/D
PM-03	T	380V FROM B/D
PM-04	N	NEUTRAL
PM-05	PE	EARTH
PM-06	U	MOTOR -U
PM-07	V	MOTOR -V
PM-08	W	MOTOR -W
PM-09	L1	AC220V-B/D
PM-10	L2	AC220V-B/D

PA 단자대		
NO	NAME	DEFINITION
PA-01	BK1	BRAKE COIL1 +
PA-02	BK2	BRAKE COIL2 +
PA-03	BK3	BRAKE COIL -
PA-04	GOP	GOV-RESET COIL
PA-05	GTR	GOV-TRIP COIL
PA-06	G00	GOV COIL COM
PA-07	N24	COM
PA-08	N24	COM
PA-09	BX1	BRAKE OPEN SW1
PA-10	BX2	BRAKE OPEN SW2
PA-11	THX	MOTOR TH OPEN
PA-12	P111	SAFETY-GOV
PA-13	P112	SAFETY-M/C ROOM
PA-14	ARD	ARD OPERATION
PA-15	N24	COM

TA 단자대		
NO	NAME	DEFINITION
TA-01	P110	SAFETY (AC100)
TA-02	P111	SAFETY-CP
TA-03	P112	SAFETY-M ROOM
TA-04	P114	SAFETY-HOISTWAY
TA-05	P115	SAFETY-E/STOP
TA-06	P116	SAFETY-EXIT
TA-07	P117	SAFETY-END
TA-08	P118	GATE S/W
TA-09	P119	HATCH DOOR S/W
TA-10	PFR	SAFETY-FIRE

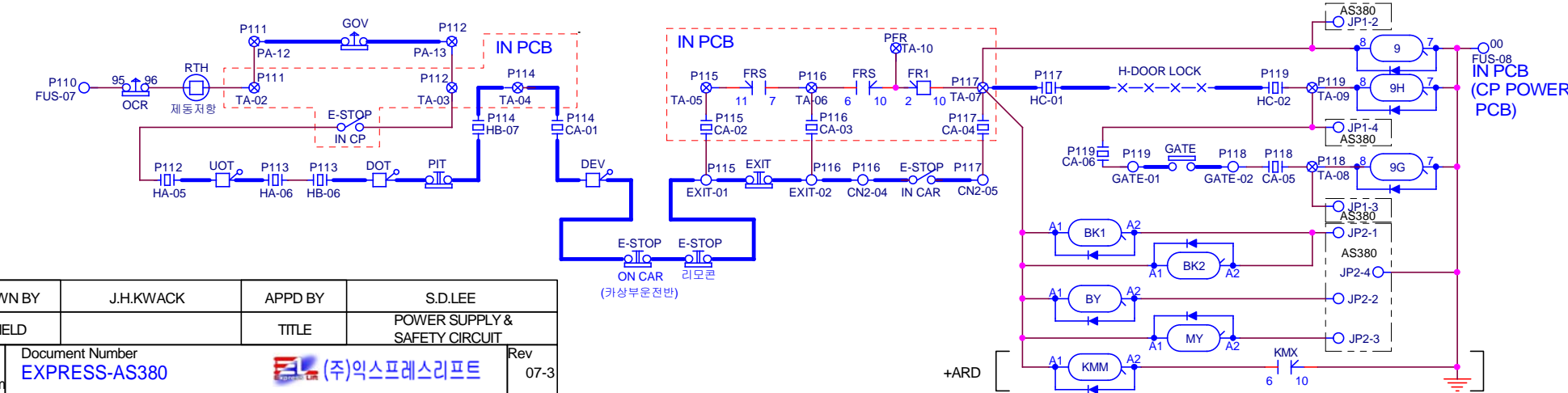
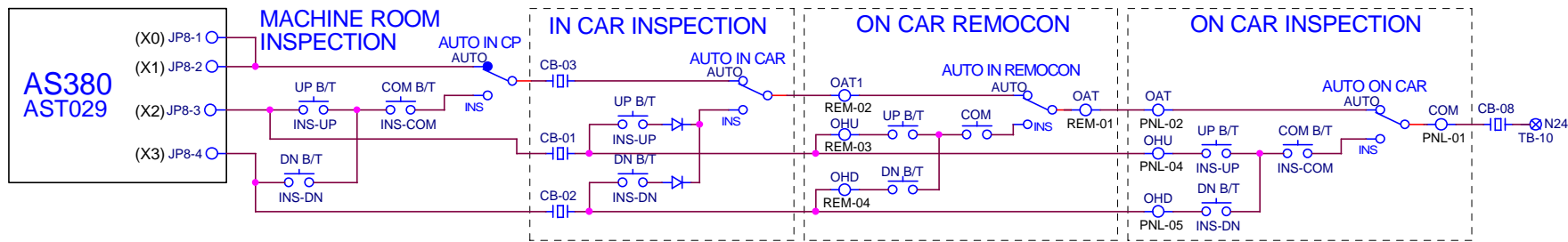
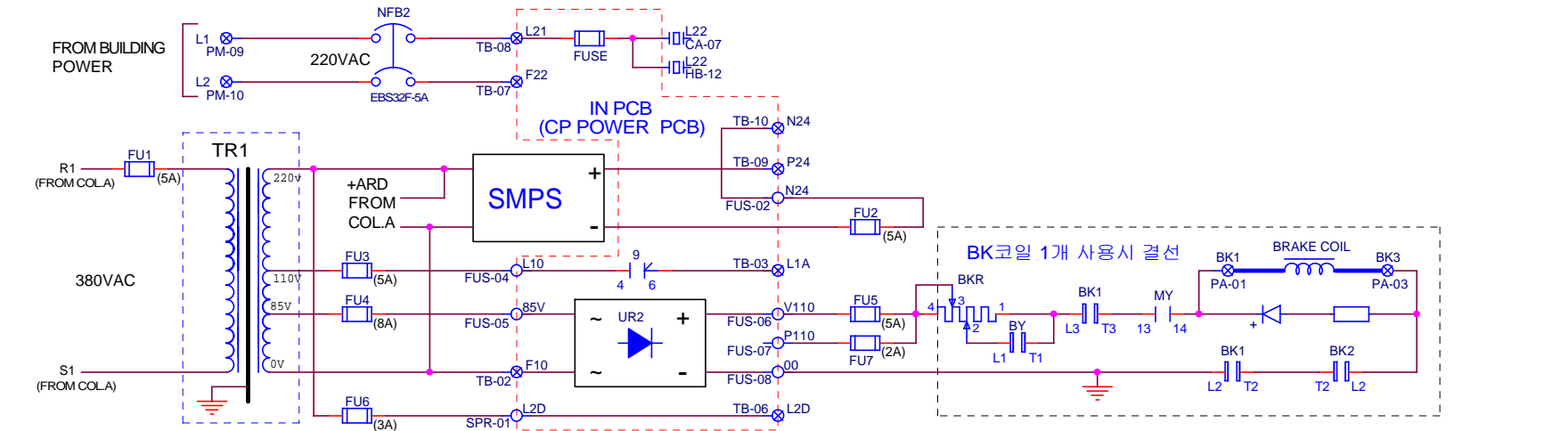
TB 단자대		
NO	NAME	DEFINITION
TB-01	PE	EARTH
TB-02	F10	0V-AC110V
TB-03	L1A	SAFETY AC110V
TB-04	MR	DOOR POWER
TB-05	MS	DOOR POWER
TB-06	L22	AC220V
TB-07	F22	AC220V
TB-08	L21	AC220V
TB-09	P24	+24DCV POWER
TB-10	N24	0V DC24

E80H-40-1024-VL								
1	2	3	4	5	6	7	8	S
A+	A-	B+	B-	Z+	Z-	5V	0V	PE
	흑색		백색		동색	갈색	청색	실드

PD 단자대		
NO	NAME	DEFINITION
PD-01	T1	ARD INPUT
PD-02	N	ARD INPUT
PD-03	L1	ARD OUTPUT
PD-04	N1	ARD OUTPUT
PD-05	--	--
PD-06	--	--
PD-07	CM1	감시반 출력 공통1
PD-08	ERR	감시반 에러출력
PD-09	CM2	감시반 출력 공통2
PD-10	NOR	감시반 정상운영

DRWN BY	J.H.KWACK	APPD BY	S.D.LEE
FIELD		TITLE	TRACTION CIRCUIT
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COL.B



NO	NAME	DEFINITION
PM-01	R	380V FROM B/D
PM-02	S	380V FROM B/D
PM-03	T	380V FROM B/D
PM-04	N	NEUTRAL
PM-05	PE	EARTH
PM-06	U	MOTOR -U
PM-07	V	MOTOR -V
PM-08	W	MOTOR -W
PM-09	L1	AC220V-B/D
PM-10	L2	AC220V-B/D

NO	NAME	DEFINITION
PA-01	BK1	BRAKE COIL1+
PA-02	BK2	BRAKE COIL2+
PA-03	BK3	BRAKE COIL -
PA-04	F22	AC220V-RBK
PA-05	KRB	ROPE BRAKE COIL
PA-06	RBX	R-BRAKE OPEN
PA-07	N24	COM
PA-08	N24	COM
PA-09	BX1	BRAKE1 OPEN
PA-10	BX2	BRAKE2 OPEN
PA-11	THX	MOTOR TH OPEN
PA-12	P111	SAFETY-GOV
PA-13	P112	SAFETY-GOV
PA-14	GV1	GOV OVER SPD S/W
PA-15	GV2	GOV OVER SPD S/W

NO	NAME	DEFINITION
TA-01	P110	SAFETY (AC100)
TA-02	P111	SAFETY-CP
TA-03	P112	SAFETY-M ROOM
TA-04	P114	SAFETY-HOISTWAY
TA-05	P115	SAFETY-E/STOP
TA-06	P116	SAFETY-EXIT
TA-07	P117	SAFETY-END
TA-08	P118	GATE S/W
TA-09	P119	HATCH DOOR S/W
TA-10	PFR	SAFETY-FIRE

NO	NAME	DEFINITION
TB-01	PE	EARTH
TB-02	F10	0V-AC110V
TB-03	L1A	SAFETY AC110V
TB-04	MR	DOOR POWER
TB-05	MS	DOOR POWER
TB-06	L22	AC220V
TB-07	F22	AC220V
TB-08	L21	AC220V
TB-09	P24	+24DCV POWER
TB-10	N24	0V DC24

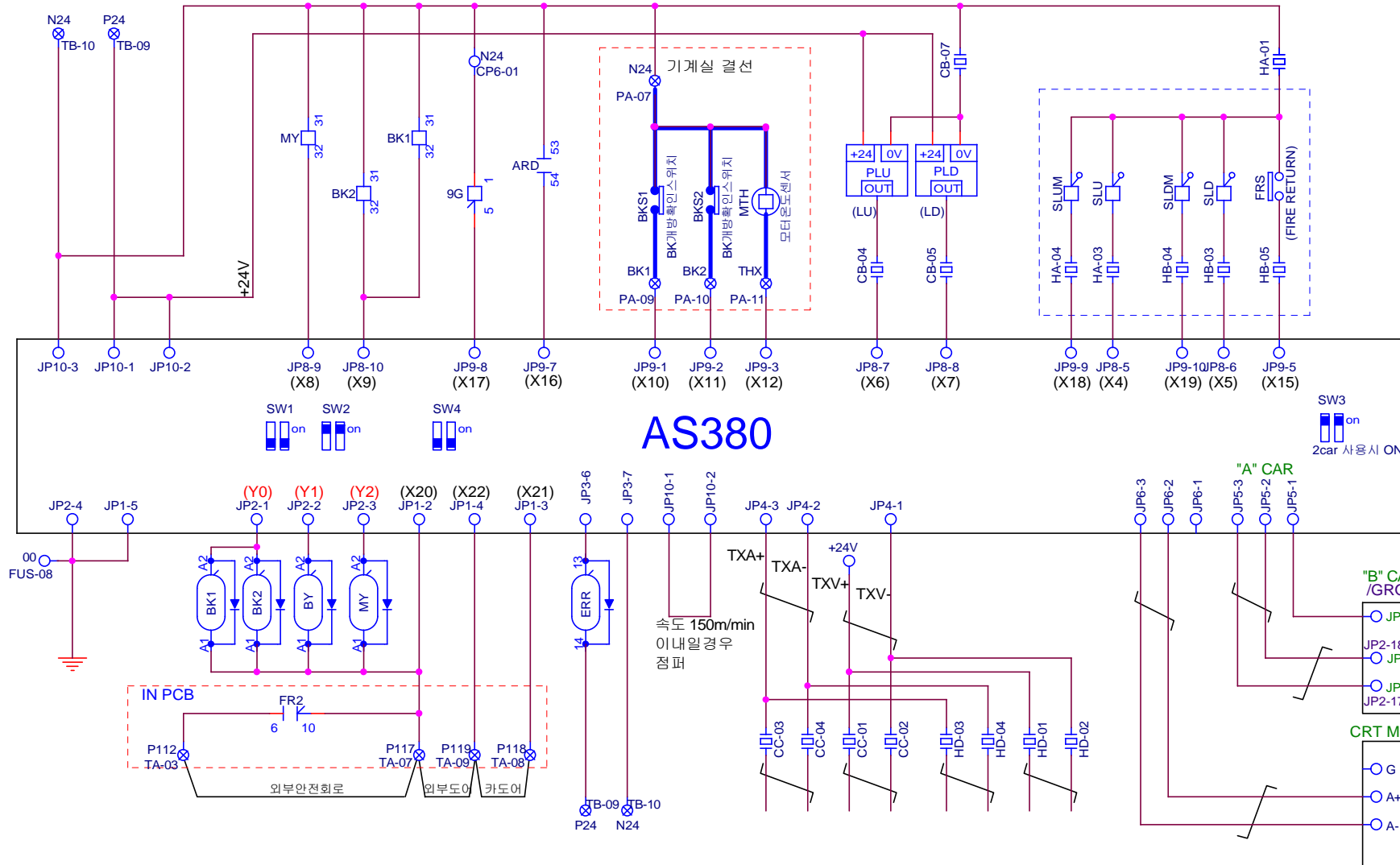
DRWN BY	J.H.KWACK	APPD BY	S.D.LEE
FIELD		TITLE	POWER SUPPLY & SAFETY CIRCUIT
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COL.C

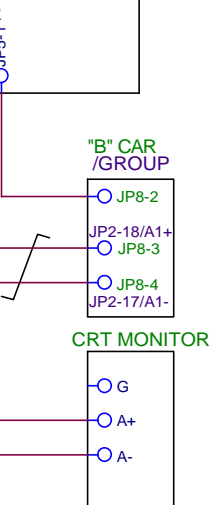
NO	NAME	DEFINITION
01	XCOM	X COMMON
02	X20	SAFETY LOOP
03	X21	CAR DOOR
04	X22	DOOR LOCK
05	XCOM	DC110V의 0V

NO	NAME	DEFINITION
01	Y0	BK OUTPUT
02	Y1	BY OUTPUT
03	Y2	MY OUTPUT
04	COM1	DC110V의 0V

NO	NAME	DEFINITION
01	Y3	DR-FREE OP
02	Y4	EM-LEVEL
03	COM2	Y COMMON
04	Y5	FIRE OUT
05	COM3	Y5 COMMON
06	Y6	--
07	COM4	--



AS380



NO	NAME	DEFINITION
01	N24	0VDC
02	TXA+	CAN0H
03	TXA-	CAN0L

NO	NAME	DEFINITION
01	N24	0VDC
02	TXA1+	CAN1H
03	TXA1-	CAN1L

NO	NAME	DEFINITION
01	N24	0VDC
02	TXA2+	CAN2H
03	TXA2-	CAN2L

NO	NAME	DEFINITION
01	G5VIO	5V의 0V
02	+5VIO	+5V DC
03	G24VIO	24V의 0V
04	+24VIO	+24V DC

NO	NAME	DEFINITION
01	X0	AUTO INPUT
02	X1	AUTO INPUT
03	X2	INS-UP
04	X3	INS-DOWN
05	X4	SLU INPUT
06	X5	SLD INPUT
07	X6	UP LEVEL
08	X7	DOWN LEVEL
09	X8	MY CHECK
10	X9	BK CHECK

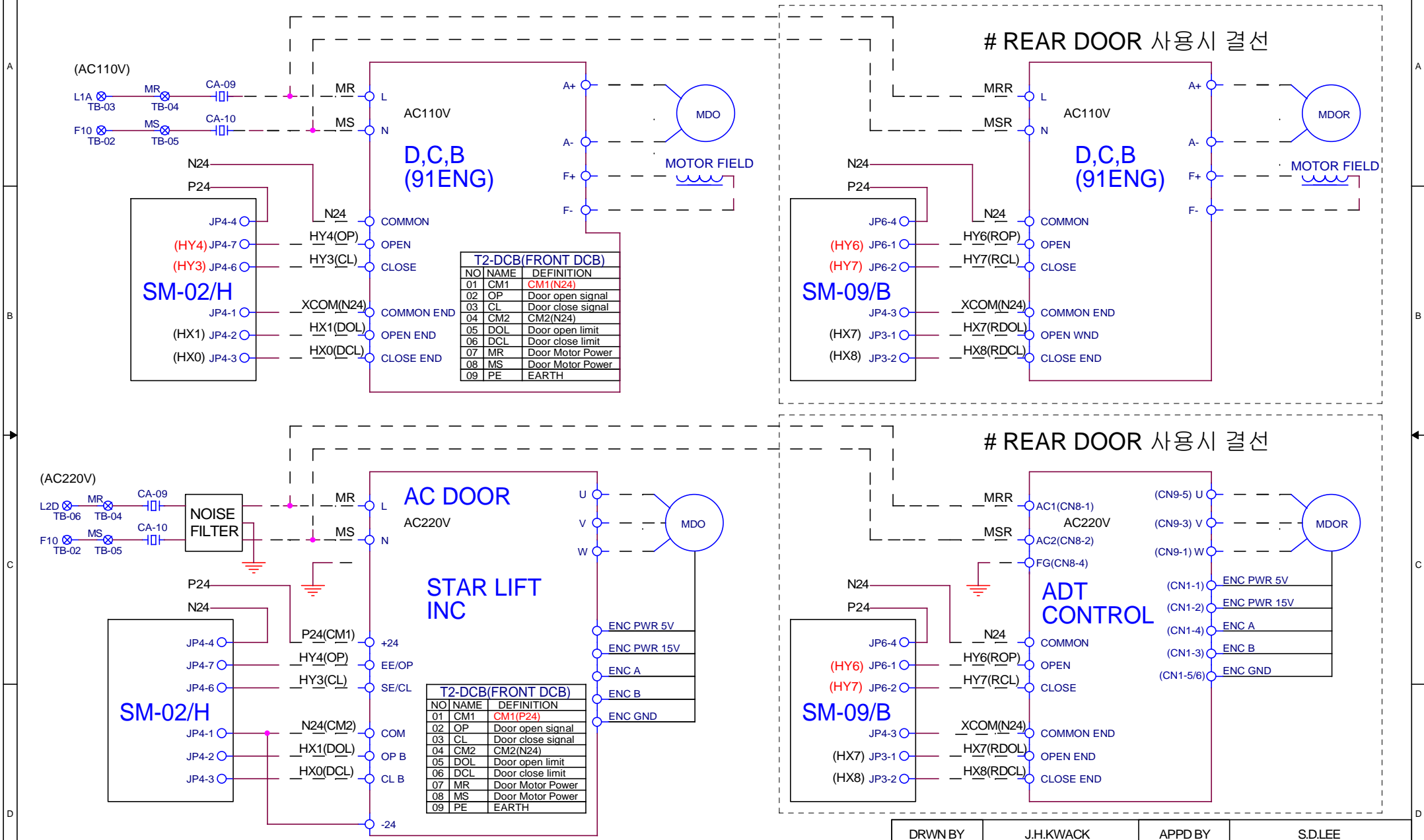
NO	NAME	DEFINITION
01	X10	BKX스위치확인
02	X11	BKY스위치확인
03	X12	MTH스위치확인
04	X13	DR-FREE OP
05	X14	DOOR ZONE
06	X15	FIRE RETURN
07	X16	EQ INPUT
08	X17	DOOR SW확인
09	X18	SLUM INPUT
10	X19	SLDM INPUT

NO	NAME	DEFINITION
01	P24	+24V DC
02	VSIO	
03	N24	0V DC24V

NO	NAME	DEFINITION
01	G	0VDC
02	AN-	ANALOG IN-
03	AN+	ANALOG IN+

DRWN BY	J.H.KWACK	APPD BY	S.D.LEE
FIELD		TITLE	CONTROL CIRCUIT SM-01
Size	Document Number		Rev
Custom	EXPRESS-AS380	(주)익스프레스리프트	07-3
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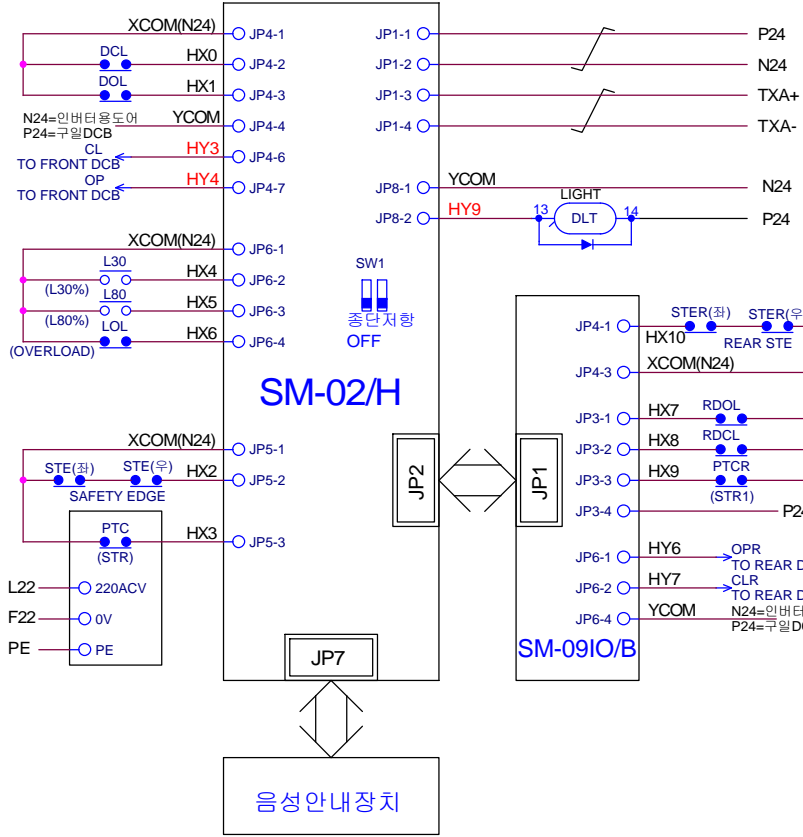
COL.D



DOL/DCL은 반드시 NOMAL CLOSE(B점점)으로 선택해주세요
(도어가 중간에있을때 DOL/DCL신호가 ON되어야합니다)

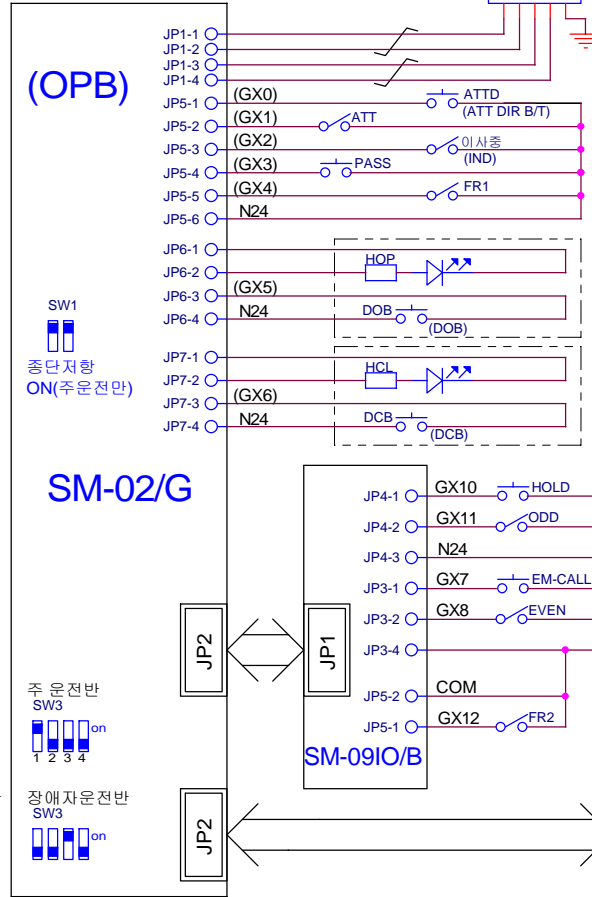
DRWN BY	J.H.KWACK	APPD BY	S.D.LEE
FIELD		TITLE	DOOR CONTROL CIRCUIT
Size	Document Number	EXPRESS-AS380 (주)익스프레스리프트	
Custom	EXPRESS-AS380		
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ON CAR(상부운전반)

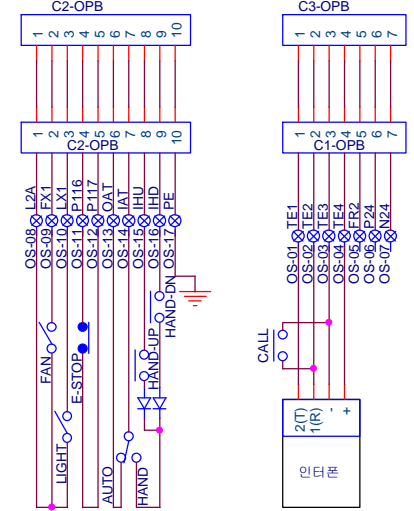


COL.E

(OPB)

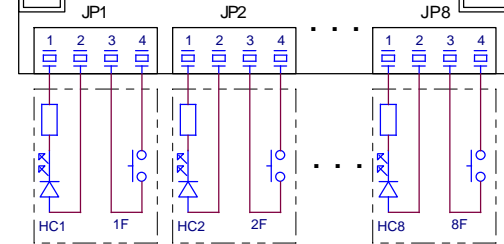


FROM CARTOP PCB



(1-8층용 CAR CALL B/T)

SM-03



NO	NAME	DEFINITION
01	P24	POWER IN+
02	N24	POWER IN-
03	TXA+	CANH
04	TXA-	CANL

NO	NAME	DEFINITION
01	XCOM	HX4,5,6의 공통
02	L30	HX4-L30%
03	L80	HX5-L80%
04	L0L	HX6-OVERLOAD

NO	NAME	DEFINITION
01	RDOL	HX7-R OP-END
02	RDCL	HX8-R CL-END
03	PTCR	HX9-R PTS
04	P24	HX7,8,9의 P24

NO	NAME	DEFINITION
01	--	HY10--
02	YCOM	HY10의 공통

NO	NAME	DEFINITION
01	P24	POWER IN+
02	N24	POWER IN-
03	TXA+	CANH
04	TXA-	CANL

NO	NAME	DEFINITION
01	ATD	GX0-ATT DIREC
02	ATT	GX1-ATT IN
03	IND	GX2-IND IN
04	PAS	GX3-ATT PASS
05	FR1	GX4-FIRE 1ST
06	XCOM	GX0-4의 공통

NO	NAME	DEFINITION
01	GX7	GX7--
02	GX8	GX8--
03	GX9	GX9--
04	P24	GX7-9의 P24

NO	NAME	DEFINITION
01	YCOM	HY0,1의 COM
02	CMD	HY0-DOWN공
03	CMU	HY1-UP도착공
04	N24	POWER IN-
05	P24	POWER IN+

NO	NAME	DEFINITION
01	BIT0	VOICE D0
02	BIT1	VOICE D1
03	BIT2	VOICE D2
04	BIT3	VOICE D3
05	BIT4	VOICE D4
06	BIT5	VOICE D5
07	BIT6	VOICE D6
08	BIT7	VOICE D7
09	0V	POWER IN-
10	+24V	POWER IN+

NO	NAME	DEFINITION
01	--	HX11--
02	XCOM	HX10,11의 공통

NO	NAME	DEFINITION
01	--	HY11--
02	YCOM	HY11의 공통

NO	NAME	DEFINITION
01	OP-	OPEN LAMP-
02	OP+	OPEN LAMP+
03	DOB	OPEN B/T
04	N24	OPEN B/T

NO	NAME	DEFINITION
01	GX10	GX10-HOLD OP
02	GX11	GX11-NS SW
03	XCOM	GX10,11의 공통

NO	NAME	DEFINITION
01	GX12	GX12--
02	XCOM	GX12의 공통

NO	NAME	DEFINITION
01	XCOM	HX0,1의 COM
02	DCL	HX0-CLOS END
03	DOL	HX1-OPEN END
04	YCOM	HY2,3의 COM
05	FCL	HY2-닫힘CLOSE
06	CL	HY3-CLOSE
07	OP	HY4-OPEN신호

NO	NAME	DEFINITION
01	YCOM	HY5의 COM
02	DLT	HY5-DLT출력

NO	NAME	DEFINITION
01	--	HX12--
02	XCOM	HX12의 공통

NO	NAME	DEFINITION
01	--	HY12--
02	YCOM	HY12의 공통

NO	NAME	DEFINITION
01	OP-	OPEN LAMP-
02	OP+	OPEN LAMP+
03	DOB	OPEN B/T
04	N24	OPEN B/T

NO	NAME	DEFINITION
01	GX10	GX10-HOLD OP
02	GX11	GX11-NS SW
03	XCOM	GX10,11의 공통

NO	NAME	DEFINITION
01	GX12	GX12--
02	XCOM	GX12의 공통

NO	NAME	DEFINITION
01	XCOM	HX2,3의 COM
02	STE	HX2-STE신호
03	PTC	HX3-PTC신호

NO	NAME	DEFINITION
01	YCOM	HY5의 COM
02	DLT	HY5-DLT출력

NO	NAME	DEFINITION
01	--	HY9--
02	YCOM	HY9의 공통

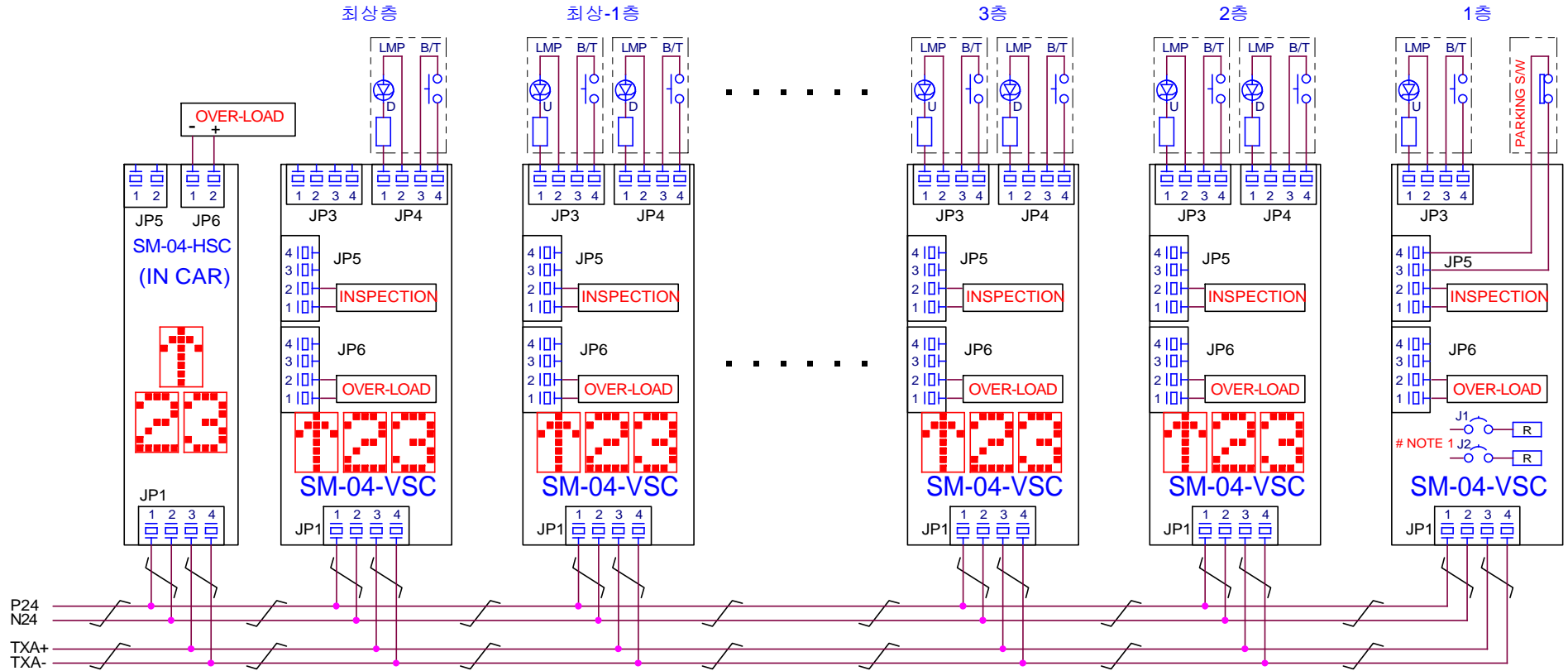
NO	NAME	DEFINITION
01	--	HY9--
02	YCOM	HY9의 공통

NO	NAME	DEFINITION
01	CL-	CLOS LAMP-
02	CL+	CLOS LAMP+
03	DCB	CLOSE B/T
04	N24	CLOSE B/T

NO	NAME	DEFINITION
01	GX3	GX3--
02	YCOM	GX3의 공통

DRWN BY	J.H.KWACK	APPD BY	S.D.LEE
FIELD		TITLE	CONTROL CIRCUIT SM-02
Size	Document Number		Rev
Custom	EXPRESS-AS380	(주)익스프레스리프트	07-3
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COL.F



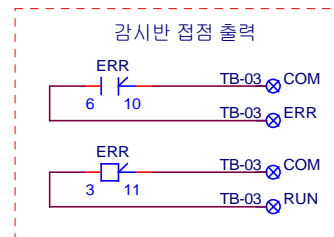
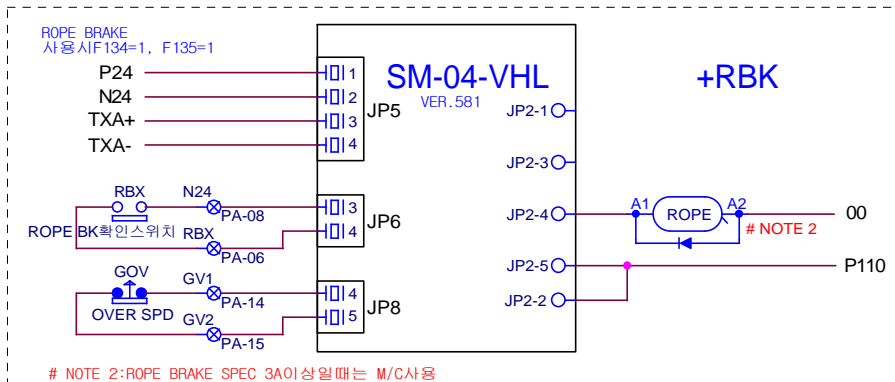
HD-4C(0.75TW)		
NO	NAME	DEFINITION
01	TXV+/P24	+24VDC
02	TXV-/N24	0VDC
03	TXA+	COMM
04	TXA-	COMM
05	PE	EARTH

최하층의 통신기판은 반드시 중단저항을 점퍼시켜야합니다(HSC,VSC는 J1과J2의 점퍼핀을 삽입시킵니다.)

SM-04 PCB FLOOR ADDRESS 입력방법

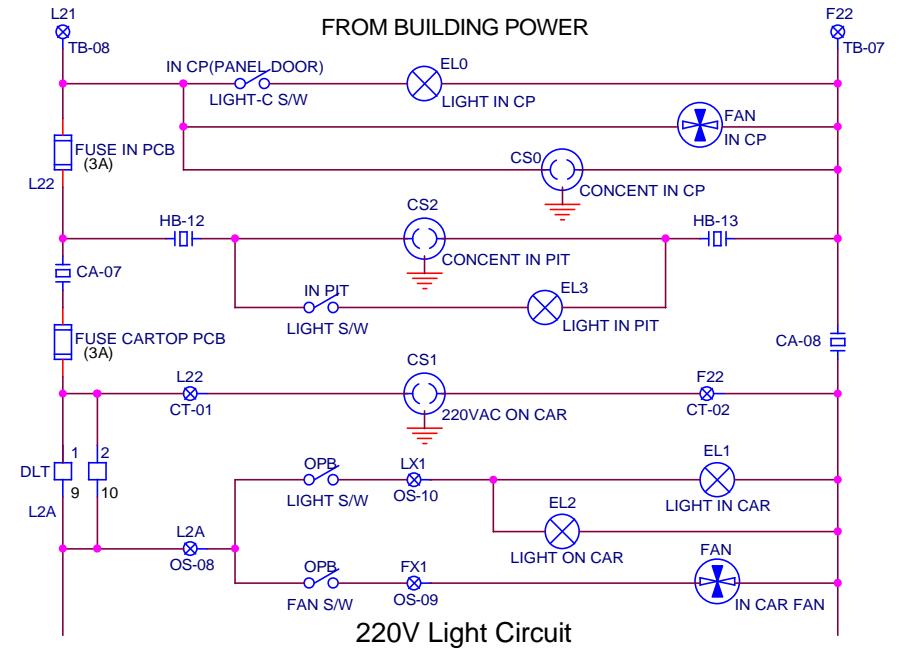
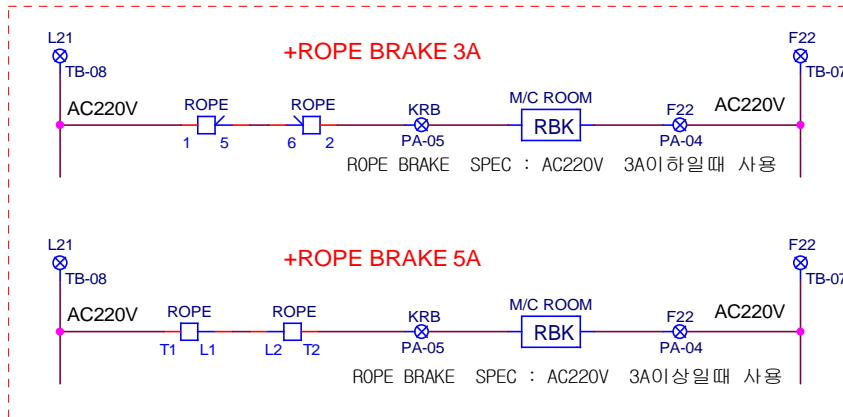
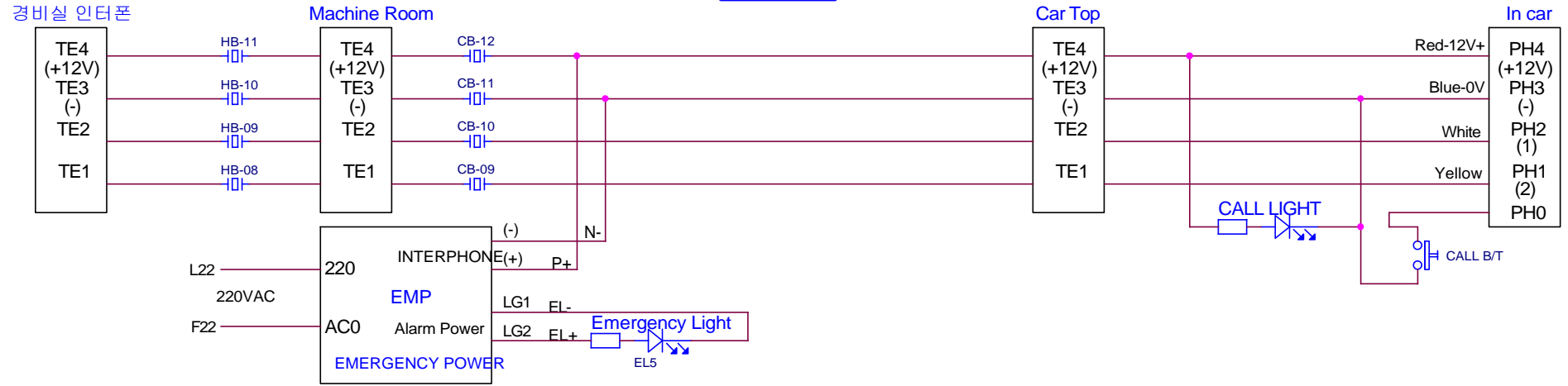
S1 JUMPER PIN이 꽂힌 상태에서 외부버튼 UP/DOWN을 누르면 디지털에 숫자가 올라가고 내려갑니다. 최하층을 1로 기준하여 두번째층은 2 다음은 3,4..순서로 각층을 차례대로 층의 값을 넣고 S1 JUMPER PIN을 빼면 층 값이 입력됩니다.

REAR(후면층) 최하층은 49를 기준하여 두번째층은 50다음은 51,52..순서로 층의 값을 입력함.



DRWN BY	J.H.KWACK	APPD BY	S.D.LEE
FIELD		TITLE	HALL CALL CIRCUIT SM-04
Size	Document Number	EXPRESS-AS380 (주)익스프레스리프트	
Custom			
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COL.G



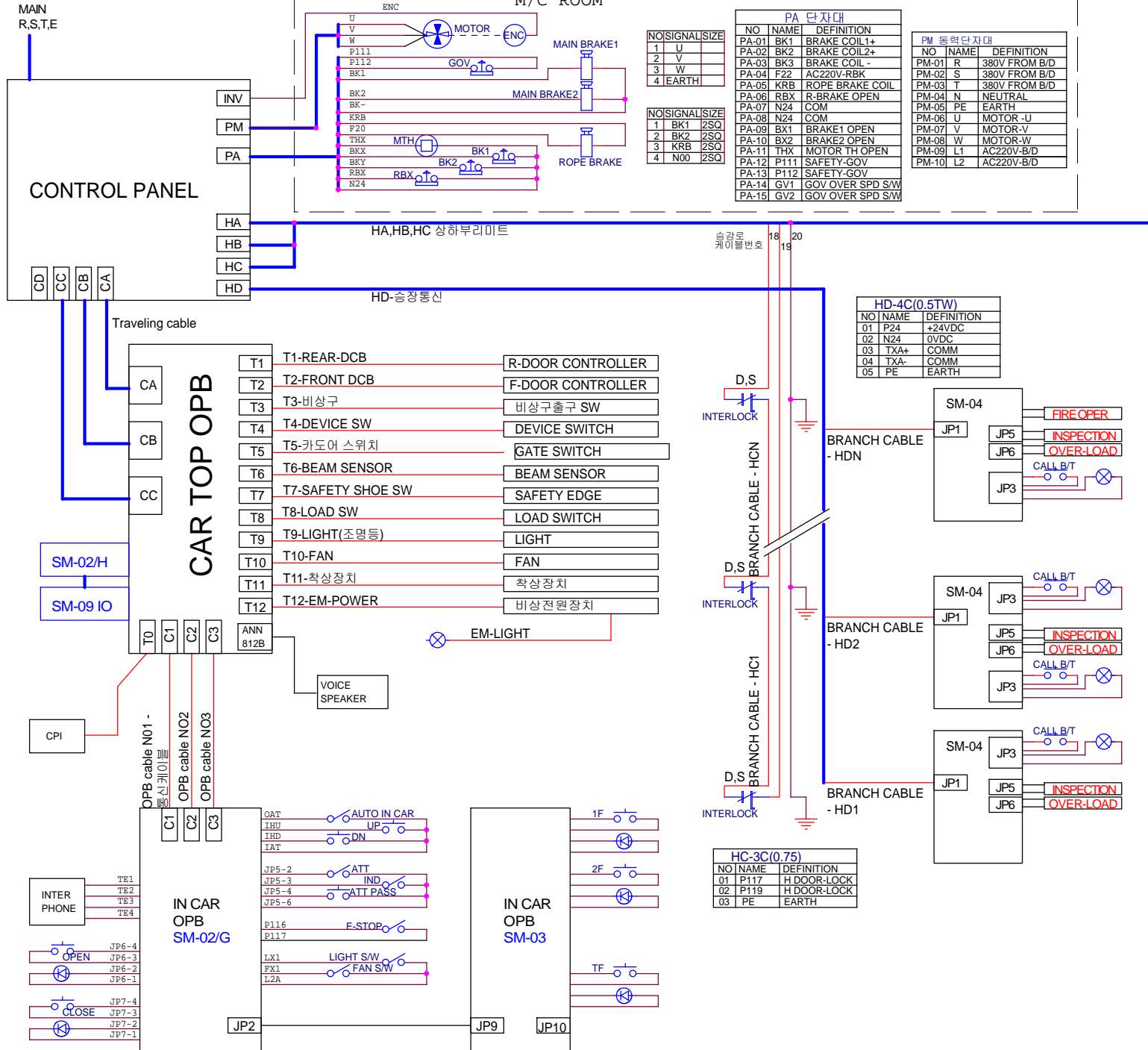
NO	SIGNAL	DEFINITION
CA-01	P114	SAFETY ON CAR1
CA-02	P115	SAFETY-EXIT1
CA-03	P116	SAFETY-EXIT2
CA-04	P117	Safety-End
CA-05	P118	Gate s/w
CA-06	P119	H-Door s/w
CA-07	L22	AC220V
CA-08	F22	AC220V
CA-09	MR	Door Power
CA-10	MS	Door Power
CA-11	LTC	LIGHT IN PIT
CA-12	FR1	1ST FIRE SW

NO	SIGNAL	DEFINITION
CB-01	IHU	INS-UP B/T
CB-02	IHD	INS-DOWN B/T
CB-03	IAT	AUTO-In car
CB-04	LU	LCS-Level Up
CB-05	LD	LCS-Level Down
CB-06	P24	P24
CB-07	N24	0V(N24)
CB-08	N24	N24
CB-09	TE1	INTERPHONE
CB-10	TE2	INTERPHONE
CB-11	TE3	INTERPHONE
CB-12	TE4	INTERPHONE

NO	SIGNAL	DEFINITION
CC-01	P24	+24VDC
CC-02	N24	0VDC
CC-03	TXA+	COMM
CC-04	TXA-	COMM
CC-05	PE	EARTH
CC-06	PE	EARTH
CC-07	--	SPARE

DRWN BY	J.H.KWACK	APPD BY	S.D.LEE
FIELD		TITLE	LIGHT CIRCUIT
Size	Document Number	 (주)익스프레스리프트	
Custom	EXPRESS-AS380		
Date:	Saturday, December 21, 2013	Sheet	7 of 10
			Rev 07-3

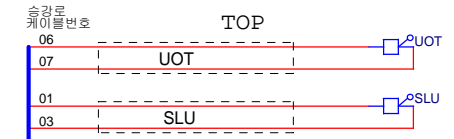
COL.H (결선도요약)



케이블 사양

HA,HB,HC용(승강로케이블 20Cx0.75SQ)

HD (승강통신용 4Cx0.5SQ SHEILDDED)

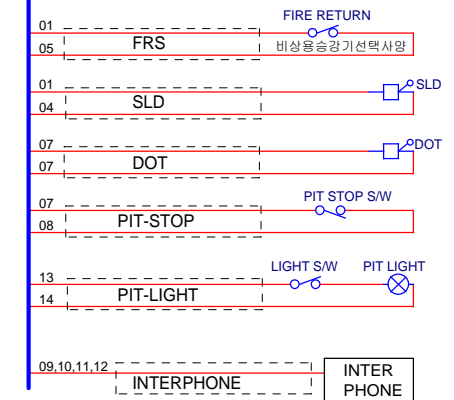


승강로케이블 20Cx0.75SQ

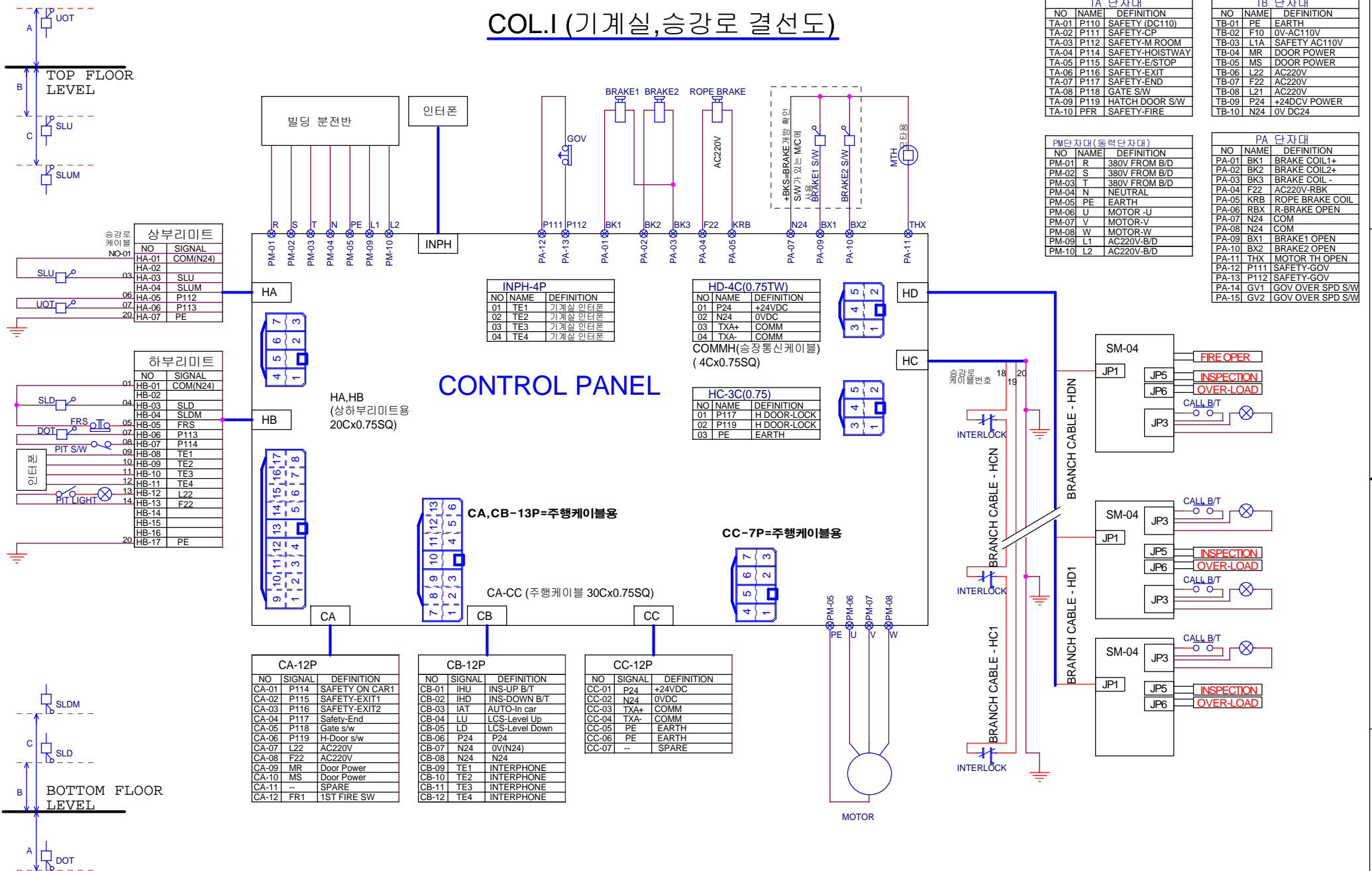
케이블 NO	HA NO	NAME	DEFINITION
01	01	N24	Common
02	02		
03	03	SLU	Slow-down(up)
04	04	SLUM	
06	05	P112	Safety UOT
07	06	P113	Safety UOT
20	07	PE	EARTH

케이블 NO	HB NO	NAME	DEFINITION
01	01	N24	Common
02	02		
04	03	SLD	Slow-down(dn)
04	04	SLDM	
05	05	FRS	FIRE RETURN
07	06	P113	Safety DOT
08	07	P114	Safety PIT
09	08	TE1	INTERPHONE
10	09	TE2	INTERPHONE
11	10	TE3	INTERPHONE
12	11	TE4	INTERPHONE
13	12	L22	AC220V
14	13	F22	AC220V
15	14	LTA	
16	15	LTB	
17	16	LTC	
20	17	PE	EARTH

케이블 NO	HC NO	NAME	DEFINITION
18	01	P117	H DOOR-LOCK
19	02	P119	H DOOR-LOCK
20	03	PE	EARTH



COL.I (기계실, 승강로 결선도)



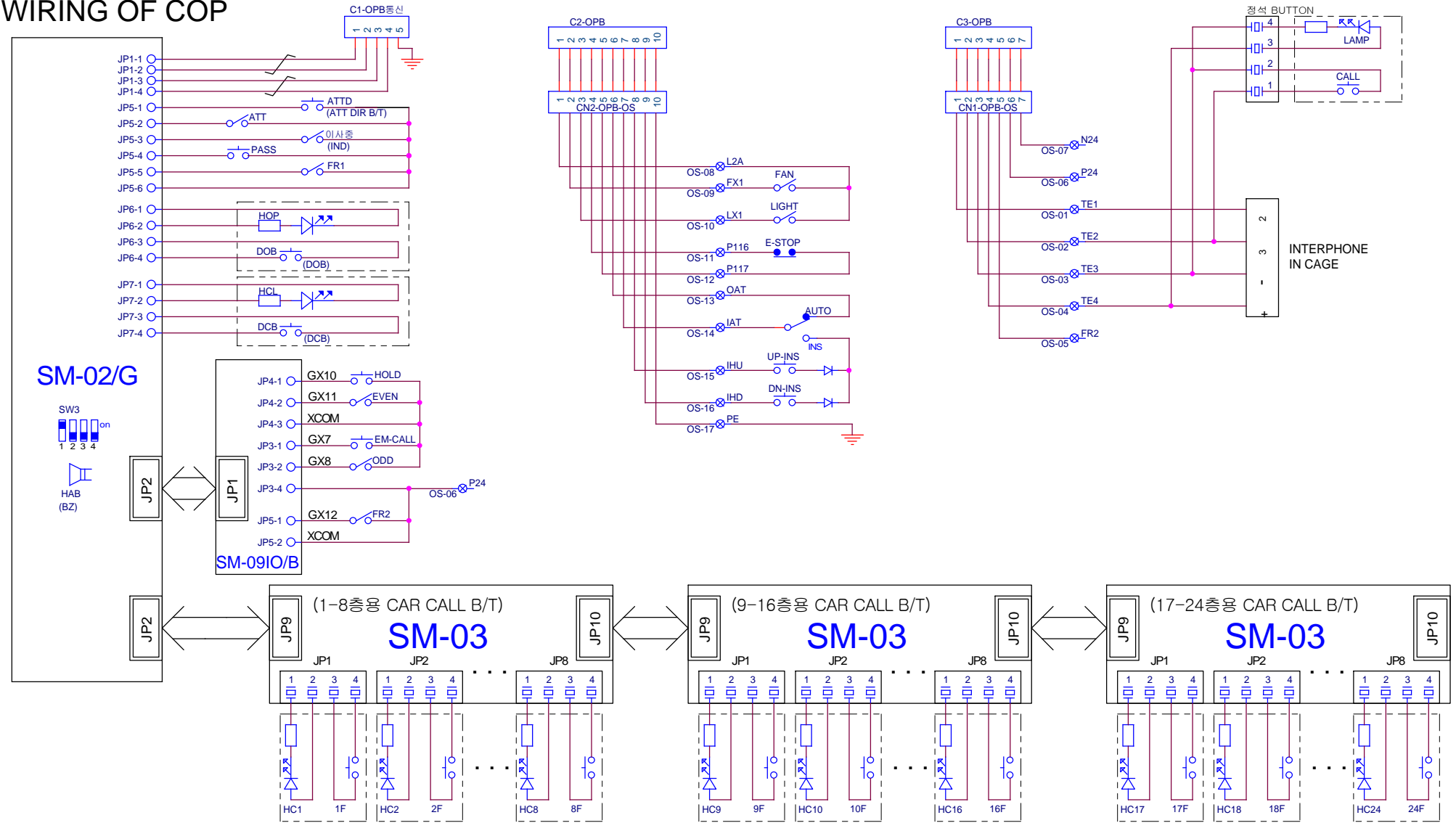
LIMIT S/W 설정거리					
NO	NAME	60M/MIN	90M/MIN	105M/MIN	120M/MIN
A	UOT/DOT	150MM	150MM	150MM	180MM
B	SLU/SLD	1200MM	2200MM	2400MM	2400MM
C	SLU1/SLD1			3600MM	5200MM

DRWN BY	J.H.KWACK	APPD BY	S.D.LEE
FIELD		TITLE	기계실 및 승강로 결선
Size	Document Number		
Custom	EXPRESS-AS380		
Date	Saturday, December21, 2013	Sheet	9 of 10

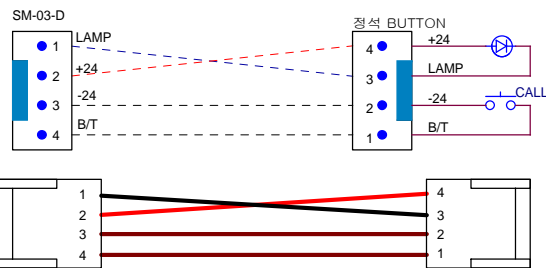
SYMBOL SPECIFIC

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	WIRE IN CONTROL PANEL		JOINT POINT WIRE IN COTROL PANEL		WIRE IN HOISTWAY
	"A" CONTACT IN PCB		CONDENSER		JOINT POINT WIRE IN HOISTWAY
	"A" CONTACT MAGNETIC CONTACTOR		DIODE		TRANSFORMER
	"B" CONTACT MAGNETIC CONTACTOR		RESISTER		RESISTER IN PCB
	"A" CONTACT MY-4 TYPE RELAY		FUSE		MOTOR FIELD(DOOR MOTOR)
	"B" CONTACT MY-4 TYPE RELAY		TERMINAL IN PCB		HARNESS(P112=Signal Name, HA-06=NUMBER OF HARNESS PIN)
	"A" CONTACT LIMIT SWITCH		"A" CONTACT TOGGLE SWITCH		"A" CONTACT MAGNETIC CONTACTOR
	"B" CONTACT LIMIT SWITCH		"B" CONTACT TOGGLE SWITCH		SCREW TERMINAL IN CP/CARTOP
	"A" CONTACT CAM SWITCH		OCR		2P NFB(NO FUSE BREAKER)
	"A" CONTACT CAM SWITCH		MOTOR THERMAL SWITCH		1P NFB(NO FUSE BREAKER)
	HATCH DOOR INTERLOCK		LAMP		GONGELECTRIC BUZZER
	BLOWER MOTOR FAN MOTOR IN CAGE		UP,DOWN DIRECTION LAMP		BUZZER
	"A" CONTACT PUSH BUTTON		"B" CONTACT PUSH BUTTON		"B" CONTACT THERMAL SWITCH
	EMERGENCY LIGHT		2WAY TOGGLE SWITCH		SOLENOIDE
	BRAKE COIL		EARTH		COILOF MAGNETIC CONTACTOR
	MOTOR ARMATURE		COILOF MY-4 TYPE RELAY		LEVELING INDUCTOR

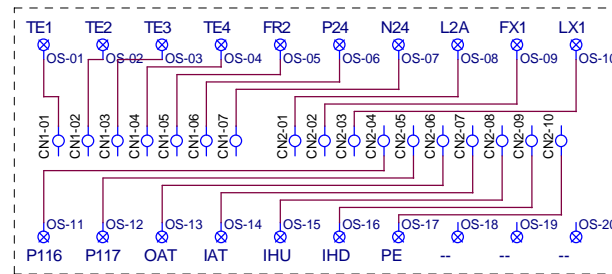
WIRING OF COP



정석BUTTON사용시 결선도



OPB-OS PCB SIZE=110X50



POWER-CP1		
NO	NAME	DEFINITION
01	XCOM	X COMMON
02	X20	SAFETY LOOP
03	X21	CAR DOOR
04	X22	DOOR LOCK
05	XCOM	X COMMON

POWER-CP4		
NO	NAME	DEFINITION
01	N24	0VDC
02	TXA+	CAN0H
03	TXA-	CAN0L

POWER-CP8		
NO	NAME	DEFINITION
01	X0	AUTO INPUT
02	X1	AUTO INPUT
03	X2	INS-UP
04	X3	INS-DOWN
05	X4	SLU INPUT
06	X5	SLD INPUT
07	X6	UP LEVEL
08	X7	DOWN LEVEL

POWER-CP9		
NO	NAME	DEFINITION
01	X13	DR-FREE OP
02	X14	DOOR ZONE
03	X15	FIRE RETURN
04	X16	EQ INPUT
05	X17	DOOR SW
06	X18	SLUM INPUT
07	X19	SLDM INPUT

HA-7P		
NO	NAME	DEFINITION
01	N24	Common
02	UL	UP LIMIT
03	SLU	Slow-down(up)
04	SLDM	Slow-down(dn)
05	P112	Safety UOT
06	P113	Safety UOT
07	PE	EARTH

HB-16C		
NO	NAME	DEFINITION
01	N24	Common
02	DL	DOWN LIMIT
03	SLD	Slow-down(dn)
04	SLDM	Slow-down(dn1)
05	FRS	Slow-down(dn1)
06	P113	Safety DOT
07	P114	Safety PIT
08	TE1	INTERPHONE
09	TE2	INTERPHONE
10	TE3	INTERPHONE
11	TE4	INTERPHONE
12	L22	AC220V
13	F22	AC220V
14		
15	LTC	LIGHT IN PIT
16	PE	EARTH
17		

HC-3C(0.75)		
NO	NAME	DEFINITION
01	P117	H DOOR-LOCK
02	P119	H DOOR-LOCK
03	PE	EARTH

HD-4C(0.75TW)		
NO	NAME	DEFINITION
01	P24	+24VDC
02	N24	0VDC
03	TXA+	COMM
04	TXA-	COMM
05	PE	EARTH

POWER-TMP		
NO	NAME	DEFINITION
01	CHA	CP HAND
02	CHU	HAND-UP
03	CHD	HAND-DOWN

POWER-FUS		
NO	NAME	DEFINITION
01	P111	SAFETY IN CP
02	N24	SIGNAL COM
03	KBK	BK COIL COM
04	L10	AC110C
05	85V	AC85V
06	V110	DC110V
07	P110	NFB 110VDC
08	00	DC110V-0V

POWER-INPH		
NO	NAME	DEFINITION
01	TE1	INTERPHONE
02	TE2	INTERPHONE
03	TE3	INTERPHONE
04	TE4	INTERPHONE

POWER-SPR		
NO	NAME	DEFINITION
01	L2D	DOOR 220ACV
02	9a	SPARE 9a
03	9ha	SPARE 9ha
04	9hb	SPARE 9hb
05	FR2a	SPARE FR2a
06	FR2b	SPARE FR2b

PCB 크기=220x160
PCB 크기=230x160

CA-12P		
NO	SIGNAL	DEFINITION
CA-01	P114	SAFETY ON CAR1
CA-02	P115	SAFETY-EXIT1
CA-03	P116	SAFETY-EXIT2
CA-04	P117	Safety-Level Up
CA-05	P118	Gate s/w
CA-06	P119	H-Door s/w
CA-07	L22	AC220V
CA-08	F22	AC220V
CA-09	MR	Door Power
CA-10	MS	Door Power
CA-11	LTC	LIGHT IN PIT
CA-12	FR1	1ST FIRE SW

CB-12P		
NO	SIGNAL	DEFINITION
CB-01	IHU	INS-UP B/T
CB-02	IHD	INS-DOWN B/T
CB-03	IAT	AUTO-In car
CB-04	LU	LCS-Level Up
CB-05	LD	LCS-Level Down
CB-06	P24	+24VDC
CB-07	N24	N24
CB-08	N24	0V(N24)
CB-09	TE1	INTERPHONE
CB-10	TE2	INTERPHONE
CB-11	TE3	INTERPHONE
CB-12	TE4	INTERPHONE

CC-9P		
NO	SIGNAL	DEFINITION
CC-01	P24	+24VDC
CC-02	N24	0VDC
CC-03	TXA+	COMM
CC-04	TXA-	COMM
CC-05	PE	EARTH
CC-06	PE	EARTH
CC-07		
CC-08		
CC-09		

CD-9P		
NO	SIGNAL	DEFINITION
CD-01	BGM	구내방송회로1
CD-02	BGM	구내방송회로2
CD-03	BZ1	BUZZER1
CD-04	BZ2	BUZZER2
CD-05		
CD-06		
CD-07		
CD-08		
CD-09		

POWER-AS380N

TA 단자대		
NO	NAME	DEFINITION
TA-01	P110	SAFETY (AC100)
TA-02	P111	SAFETY-CP
TA-03	P112	SAFETY-M ROOM
TA-04	P114	SAFETY-HOISTWAY
TA-05	P115	SAFETY-E/STOP
TA-06	P116	SAFETY-EXIT
TA-07	P117	SAFETY-END
TA-08	P118	GATE S/W
TA-09	P119	HATCH DOOR S/W
TA-10	PFR	SAFETY-FIRE

TB 단자대		
NO	NAME	DEFINITION
TB-01	PE	EARTH
TB-02	F10	0V-AC110V
TB-03	L1A	SAFETY AC110V
TB-04	MR	DOOR POWER
TB-05	MS	DOOR POWER
TB-06	L22	AC220V
TB-07	F22	AC220V
TB-08	L21	AC220V
TB-09	P24	+24DCV POWER
TB-10	N24	0V DC24

AS380-JP1		
NO	NAME	DEFINITION
01	XCOM	X COMMON
02	X20	SAFETY LOOP
03	X21	CAR DOOR
04	X22	DOOR LOCK
05	XCOM	X COMMON

AS380-JP2		
NO	NAME	DEFINITION
01	Y0	BK OUTPUT
02	Y1	BY OUTPUT
03	Y2	MY OUTPUT
04	COM1	Y COMMON

AS380-JP3		
NO	NAME	DEFINITION
01	Y3	DR-FREE OP
02	Y4	EM-LEVEL
03	COM2	Y COMMON
04	Y5	FIRE OUT
05	COM3	Y5 COMMON
06	Y6	--
07	COM4	--

AS380-JP4		
NO	NAME	DEFINITION
01	N24	0VDC
02	TXA+	CAN1H
03	TXA-	CAN1L

AS380-JP5		
NO	NAME	DEFINITION
01	N24	0VDC
02	TXA+	CAN2H
03	TXA-	CAN2L

AS380-JP6		
NO	NAME	DEFINITION
01	N24	0VDC
02	TXA+	CAN2H
03	TXA-	CAN2L

AS380-JP7		
NO	NAME	DEFINITION
01	G5VIO	5V $\frac{1}{2}$ 0V
02	+5VIO	+5V DC
03		
04	G24VIO	24V $\frac{1}{2}$ 0V
05	+24VIO	+24V DC

AS380-JP8		
NO	NAME	DEFINITION
01	X0	AUTO INPUT
02	X1	AUTO INPUT
03	X2	INS-UP
04	X3	INS-DOWN
05	X4	SLU INPUT
06	X5	SLD INPUT
07	X6	UP LEVEL
08	X7	DOWN LEVEL
09	X8	MY CHECK
10	X9	BK CHECK

AS380-JP9		
NO	NAME	DEFINITION
01	X10	BK스위치 확인
02	X11	BK스위치 확인
03	X12	MTH스위치 확인
04	X13	DR-FREE OP
05	X14	DOOR ZONE
06	X15	FIRE RETURN
07	X16	EQ INPUT
08	X17	DOOR SW확인
09	X18	SLUM INPUT
10	X19	SLDM INPUT

AS380-JP10		
NO	NAME	DEFINITION
01	P24	+24V DC
02	V5IO	
03	N24	0V DC24V

AS380-JP11		
NO	NAME	DEFINITION
01	G	0VDC
02	AN-	ANALOG IN-
03	AN+	ANALOG IN+

NO	NAME	DEFINITION
01	CM1R	R-Door CM1
02	OPR	R-Door open signal
03	CLR	R-Door close signal
04	CM2R	R-Door CM2
05	DOLR	R-Door open limit
06	DCLR	R-Door close limit
07	MR	R-Door Power
08	MSR	R-Door Power
09	PE	EARTH

NO	NAME	DEFINITION
01	CM1	CM1(P24)
02	CL	Door close signal
03	OP	Door open signal
04	CM2	CM2(N24)
05	DCL	Door close limit
06	DOL	Door open limit
07	MR	Door Motor Power
08	MS	Door Motor Power
09	PE	EARTH

NO	NAME	DEFINITION
01	P115	비상구
02	P116	비상구
03	PE	EARTH

NO	NAME	DEFINITION
01	N24	0V(N24V)
02	STE	SAFETY EDGE
03	PE	EARTH

NO	NAME	DEFINITION
01	N24	0V(N24V)
02	OL	Overload switch
03	L80	Full load switch
04	L30	Light load switch
05	PE	EARTH

NO	NAME	DEFINITION
01	F22	AC220V
02	LX1	Car light
03	PE	EARTH

NO	NAME	DEFINITION
01	N24	0V(N24V)
02	LU	Up find leveling switch
03	LD	Down find leveling switch
04	N24	0V(N24V)
05	P24	0V(N24V)
06	PE	EARTH

NO	NAME	DEFINITION
01	TE3	EM-POWER 12V
02	TE4	EM-POWER 12V
03	L22	AC220V
04	F22	AC220V
05	PE	EARTH

NO	NAME	DEFINITION
01	N24	0V(N24V)
02	OAT	AUTO ON CAR
03	OPN	DOOR OPEN INS
04	OHD	INS-UP B/T
05	OHD	INS-DOWN B/T
06	P114-1	SAFETY ON CAR
07	P115	SAFETY ON CAR
08	P24	+24V

NO	NAME	DEFINITION
01	OAT	AUTO ON CAR
02	OAT1	AUTO IN REMOCOIN
03	OHD	INS-UP B/T
04	OHD	INS-DOWN B/T
05	P115	SAFETY REMOCOIN
06	P115-1	SAFETY REMOCOIN

NO	NAME	DEFINITION
01	N24	N24
02	STER	R-Safety Edge
03	PTCR	R-Beam Sensor
04	L22	AC220V
05	F22	AC220V
06	PE	EARTH

NO	NAME	DEFINITION
01	N24	N24
02	STER	R-Safety Edge
03	PTCR	R-Beam Sensor
04	L22	AC220V
05	F22	AC220V
06	PE	EARTH

NO	NAME	DEFINITION
01	N24	0V(N24V)
02	PTC	Safety beam signal
03	L22	AC220V
04	F22	AC220V
05	PE	EARTH

NO	NAME	DEFINITION
01	N24	0V(N24V)
02	OL	Overload switch
03	L80	Full load switch
04	L30	Light load switch
05	PE	EARTH

NO	NAME	DEFINITION
01	N24	0V(N24V)
02	STE	SAFETY EDGE
03	PE	EARTH

NO	NAME	DEFINITION
01	F22	AC220V
02	LX1	Car light
03	PE	EARTH

NO	NAME	DEFINITION
01	N24	0V(N24V)
02	LU	Up find leveling switch
03	LD	Down find leveling switch
04	N24	0V(N24V)
05	P24	0V(N24V)
06	PE	EARTH

NO	NAME	DEFINITION
01	TE3	EM-POWER 12V
02	TE4	EM-POWER 12V
03	L22	AC220V
04	F22	AC220V
05	PE	EARTH

NO	NAME	DEFINITION
01	N24	0V(N24V)
02	OAT	AUTO ON CAR
03	OPN	DOOR OPEN INS
04	OHD	INS-UP B/T
05	OHD	INS-DOWN B/T
06	P114-1	SAFETY ON CAR
07	P115	SAFETY ON CAR
08	P24	+24V

NO	NAME	DEFINITION
01	OAT	AUTO ON CAR
02	OAT1	AUTO IN REMOCOIN
03	OHD	INS-UP B/T
04	OHD	INS-DOWN B/T
05	P115	SAFETY REMOCOIN
06	P115-1	SAFETY REMOCOIN

NO	SIGNAL	DEFINITION
CA-01	P114	SAFETY ON CAR1
CA-02	P115	SAFETY-EXIT1
CA-03	P116	SAFETY-EXIT2
CA-04	P117	Safety-End
CA-05	P118	Gate s/w
CA-06	P119	H-Door s/w
CA-07	L22	AC220V
CA-08	F22	AC220V
CA-09	MR	Door Power
CA-10	MS	Door Power
CA-11	LTC	LIGHT IN PIT
CA-12	FR2	2ND FIRE SW

NO	SIGNAL	DEFINITION
CB-01	IHD	INS-UP B/T
CB-02	IHD	INS-DOWN B/T
CB-03	IAT	AUTO-In car
CB-04	LU	LCS-Level Up
CB-05	LD	LCS-Level Down
CB-06	P24	P24
CB-07	N24	0V(N24V)
CB-08	N24	0V(N24V)
CB-09	TE1	INTERPHONE
CB-10	TE2	INTERPHONE
CB-11	TE3	INTERPHONE
CB-12	TE4	INTERPHONE

NO	SIGNAL	DEFINITION
CC-01	P24	+24VDC
CC-02	N24	0VDC
CC-03	TXA+	COMM
CC-04	TXA-	COMM
CC-05	PE	EARTH
CC-06	PE	EARTH
CC-07		
CC-08		
CC-09		

NO	SIGNAL	DEFINITION
CD-01	BGM	구내방송화로1
CD-02	BGM	구내방송화로2
CD-03	BZ1	BUZZER1
CD-04	BZ2	BUZZER2
CD-05		
CD-06		
CD-07		
CD-08		
CD-09		

NO	SIGNAL	DEFINITION
CT-01	L22	AC220V
CT-02	F22	AC220V
CT-03	PE	EARTH
CT-04	LTC	LIGHT IN PIT
CT-05	S1	SPEAKER1
CT-06	S2	SPEAKER2
CT-07	S3	BUZZER1
CT-08	S4	BUZZER2
CT-09	P24	+24VDC
CT-10	N24	24VDC의 0V

NO	SIGNAL	DEFINITION
C1-OPB	통신케이블	
C2(CARTOP-OPB1)		
C3(CARTOP-OPB2)		
C4(CARTOP-OPB3)		
C5(CARTOP-OPB4)		
C6(CARTOP-OPB5)		
C7(CARTOP-OPB6)		
C8(CARTOP-OPB7)		
C9(CARTOP-OPB8)		
C10(CARTOP-OPB9)		
C11(CARTOP-OPB10)		
C12(CARTOP-OPB11)		
C13(CARTOP-OPB12)		
C14(CARTOP-OPB13)		
C15(CARTOP-OPB14)		
C16(CARTOP-OPB15)		
C17(CARTOP-OPB16)		
C18(CARTOP-OPB17)		
C19(CARTOP-OPB18)		
C20(CARTOP-OPB19)		
C21(CARTOP-OPB20)		
C22(CARTOP-OPB21)		
C23(CARTOP-OPB22)		
C24(CARTOP-OPB23)		
C25(CARTOP-OPB24)		
C26(CARTOP-OPB25)		
C27(CARTOP-OPB26)		
C28(CARTOP-OPB27)		
C29(CARTOP-OPB28)		
C30(CARTOP-OPB29)		
C31(CARTOP-OPB30)		
C32(CARTOP-OPB31)		
C33(CARTOP-OPB32)		
C34(CARTOP-OPB33)		
C35(CARTOP-OPB34)		
C36(CARTOP-OPB35)		
C37(CARTOP-OPB36)		
C38(CARTOP-OPB37)		
C39(CARTOP-OPB38)		
C40(CARTOP-OPB39)		
C41(CARTOP-OPB40)		
C42(CARTOP-OPB41)		
C43(CARTOP-OPB42)		
C44(CARTOP-OPB43)		
C45(CARTOP-OPB44)		
C46(CARTOP-OPB45)		
C47(CARTOP-OPB46)		
C48(CARTOP-OPB47)		
C49(CARTOP-OPB48)		
C50(CARTOP-OPB49)		
C51(CARTOP-OPB50)		
C52(CARTOP-OPB51)		
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C86(CARTOP-OPB85)		
C87(CARTOP-OPB86)		
C88(CARTOP-OPB87)		
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C90(CARTOP-OPB89)		
C91(CARTOP-OPB90)		
C92(CARTOP-OPB91)		
C93(CARTOP-OPB92)		
C94(CARTOP-OPB93)		
C95(CARTOP-OPB94)		
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C198(CARTOP-OPB197)		
C199(CARTOP-OPB198)		
C200(CARTOP-OPB199)		
C201(CARTOP-OPB200)		
C202(CARTOP-OPB201)		
C203(CARTOP-OPB202)		

NO	NAME	DEFINITION
01	CM1R	R-Door CM1
02	OPR	R-Door open signal
03	CLR	R-Door close signal
04	CM2R	R-Door CM2
05	DOLR	R-Door open limit
06	DCLR	R-Door close limit
07	MR	R-Door Motor
08	MSR	R-Door Power
09	PE	EARTH

NO	NAME	DEFINITION
01	CM1	CM1
02	CL	Door close signal
03	OP	Door open signal
04	CM2	CM2
05	DCL	Door close limit
06	DOL	Door open limit
07	MR	Door Motor Power
08	MS	Door Motor Power
09	PE	EARTH

NO	NAME	DEFINITION
01	P115	비상구
02	P116	비상구
03	PE	EARTH

NO	NAME	DEFINITION
01	N24	0V(N24V)
02	STE	SAFETY EDGE
03	PE	EARTH

NO	NAME	DEFINITION
01	N24	0V(N24V)
02	OL	Overload switch
03	L80	Full load switch
04	L30	Light load switch
05	PE	EARTH

NO	NAME	DEFINITION
01	F22	AC220V
02	LX1	Car light
03	PE	EARTH

NO	NAME	DEFINITION
01	N24	0V(N24V)
02	LU	Up find leveling switch
03	LD	Down find leveling switch
04	L22	AC220
05	F22	AC220
06	PE	EARTH

NO	NAME	DEFINITION
01	TE3	EM-POWER 12V
02	TE4	EM-POWER 12V
03	L22	AC220
04	F22	AC220
05	PE	EARTH

NO	NAME	DEFINITION
01	N24	0V(N24V)
02	OAT	AUTO ON CAR
03	OPN	DOOR OPEN INS
04	OHD	INS-UP B/T
05	P114-1	SAFETY ON CAR
06	P115	SAFETY ON CAR
07	P24	+24V

NO	NAME	DEFINITION
01	OAT	AUTO ON CAR
02	OAT1	AUTO IN REMOCOIN
03	OHD	INS-UP B/T
04	OHD	INS-DOWN B/T
05	P115	SAFETY REMOCOIN
06	P115-1	SAFETY REMOCOIN

NO	NAME	DEFINITION
01	N24	N24
02	STER	R-Safety Edge
03	PTCR	R-Beam Sensor
04	L22	AC220V
05	F22	AC220V
06	PE	EARTH

NO	NAME	DEFINITION
01	N24	N24
02	STER	R-Safety Edge
03	PTCR	R-Beam Sensor
04	L22	AC220V
05	F22	AC220V
06	PE	EARTH

NO	NAME	DEFINITION
01	N24	0V(N24V)
02	PTC	Safety beam signal
03	L22	AC220
04	F22	AC220
05	PE	EARTH

NO	NAME	DEFINITION
01	N24	0V(N24V)
02	OL	Overload switch
03	L80	Full load switch
04	L30	Light load switch
05	PE	EARTH

NO	NAME	DEFINITION
01	N24	0V(N24V)
02	OL	Overload switch
03	L80	Full load switch
04	L30	Light load switch
05	PE	EARTH

NO	NAME	DEFINITION
01	F22	AC220V
02	LX1	Car light
03	PE	EARTH

NO	NAME	DEFINITION
01	N24	0V(N24V)
02	LU	Up find leveling switch
03	LD	Down find leveling switch
04	L22	AC220
05	F22	AC220
06	PE	EARTH

NO	NAME	DEFINITION
01	TE3	EM-POWER 12V
02	TE4	EM-POWER 12V
03	L22	AC220
04	F22	AC220
05	PE	EARTH

NO	NAME	DEFINITION
01	N24	0V(N24V)
02	OAT	AUTO ON CAR
03	OPN	DOOR OPEN INS
04	OHD	INS-UP B/T
05	P114-1	SAFETY ON CAR
06	P115	SAFETY ON CAR
07	P24	+24V

NO	NAME	DEFINITION
01	OAT	AUTO ON CAR
02	OAT1	AUTO IN REMOCOIN
03	OHD	INS-UP B/T
04	OHD	INS-DOWN B/T
05	P115	SAFETY REMOCOIN
06	P115-1	SAFETY REMOCOIN

NO	SIGNAL	DEFINITION
CA-01	P114	SAFETY ON CAR1
CA-02	P115	SAFETY-EXIT1
CA-03	P116	SAFETY-EXIT2
CA-04	P117	Safety-End
CA-05	P118	Gate s/w
CA-06	P119	H-Door s/w
CA-07	L22	AC220V
CA-08	F22	AC220V
CA-09	MR	Door Power
CA-10	MS	Door Power
CA-11	LTC	LIGHT IN PIT
CA-12	FR2	2ND FIRE SW

NO	SIGNAL	DEFINITION
CB-01	IHU	INS-UP B/T
CB-02	IHD	INS-DOWN B/T
CB-03	IAT	AUTO-In car
CB-04	LU	LCS-Level Up
CB-05	LD	LCS-Level Down
CB-06	P24	P24
CB-07	N24	0V(N24V)
CB-08	N24	N24
CB-09	TE1	INTERPHONE
CB-10	TE2	INTERPHONE
CB-11	TE3	INTERPHONE
CB-12	TE4	INTERPHONE

NO	SIGNAL	DEFINITION
CC-01	P24	+24VDC
CC-02	N24	0VDC
CC-03	TXA+	COMM
CC-04	TXA-	COMM
CC-05	PE	EARTH
CC-06	PE	EARTH
CC-07		
CC-08		
CC-09		

NO	SIGNAL	DEFINITION
CD-01	BGM	구내방송화로1
CD-02	BGM	구내방송화로2
CD-03	BZ1	BUZZER1
CD-04	BZ2	BUZZER2
CD-05		
CD-06		
CD-07		
CD-08		
CD-09		

NO	SIGNAL	DEFINITION
CT-01	L22	AC220V
CT-02	F22	AC220V
CT-03	PE	EARTH
CT-04	LTC	LIGHT IN PIT
CT-05	S1	SPEAKER1
CT-06	S2	SPEAKER2
CT-07	S3	BUZZER1
CT-08	S4	BUZZER2
CT-09	P24	+24VDC
CT-10	N24	24VDC 0V

NO	SIGNAL	DEFINITION
C1-OPB	통신케이블	
C2(CARTOP-OPB1)		
C3(CARTOP-OPB2)		
C4		
C5		
C6		
C7		
C8		
C9		
C10		

NO	SIGNAL	DEFINITION
CT-01	L22	AC220V
CT-02	F22	AC220V
CT-03	PE	EARTH
CT-04	LTC	LIGHT IN PIT
CT-05	S1	SPEAKER1
CT-06	S2	SPEAKER2
CT-07	S3	BUZZER1
CT-08	S4	BUZZER2
CT-09	P24	+24VDC
CT-10	N24	24VDC 0V

NO	SIGNAL	DEFINITION
CT-01	L22	AC220V
CT-02	F22	AC220V
CT-03	PE	EARTH
CT-04	LTC	LIGHT IN PIT
CT-05	S1	SPEAKER1
CT-06	S2	SPEAKER2
CT-07	S3	BUZZER1
CT-08	S4	BUZZER2
CT-09	P24	+24VDC
CT-10	N24	24VDC 0V

NO	SIGNAL	DEFINITION
CT-01	L22	AC220V
CT-02	F22	AC220V
CT-03	PE	EARTH
CT-04	LTC	LIGHT IN PIT
CT-05	S1	SPEAKER1
CT-06	S2	SPEAKER2
CT-07	S3	BUZZER1
CT-08	S4	BUZZER2
CT-09	P24	+24VDC
CT-10	N24	24VDC 0V

NO	SIGNAL	DEFINITION
CT-01	L22	AC220V
CT-02	F22	AC220V
CT-03	PE	EARTH
CT-04	LTC	LIGHT IN PIT
CT-05	S1	SPEAKER1
CT-06	S2	SPEAKER2
CT-07	S3	BUZZER1
CT-08	S4	BUZZER2
CT-09	P24	+24VDC
CT-10	N24	24VDC 0V

NO	SIGNAL	DEFINITION
CC-01	P24	+24VDC
CC-02	N24	0VDC
CC-03	TXA+	COMM
CC-04	TXA-	COMM
CC-05	PE	EARTH
CC-06	PE	EARTH
CC-07		
CC-08		
CC-09		

NO	SIGNAL	DEFINITION
CD-01	BGM	구내방송화로1
CD-02	BGM	구내방송화로2
CD-03	BZ1	BUZZER1
CD-04	BZ2	BUZZER2
CD-05		
CD-06		
CD-07		
CD-08		
CD-09		

NO	SIGNAL	DEFINITION
CT-01	L22	AC220V
CT-02	F22	AC220V
CT-03	PE	EARTH
CT-04	LTC	LIGHT IN PIT
CT-05	S1	SPEAKER1
CT-06	S2	SPEAKER2
CT-07	S3	BUZZER1
CT-08	S4	BUZZER2
CT-09	P24	+24VDC
CT-10	N24	24VDC 0V

NO	SIGNAL	DEFINITION
C1-OPB	통신케이블	
C2(CARTOP-OPB1)		
C3(CARTOP-OPB2)		
C4		
C5		
C6		
C7		
C8		
C9		
C10		

NO	SIGNAL	DEFINITION
CT-01	L22	AC220V
CT-02	F22	AC220V
CT-03	PE	EARTH
CT-04	LTC	LIGHT IN PIT
CT-05	S1	SPEAKER1
CT-06	S2	SPEAKER2
CT-07	S3	BUZZER1
CT-08	S4	BUZZER2
CT-09	P24	+24VDC
CT-10	N24	24VDC 0V

NO	SIGNAL	DEFINITION
CT-01	L22	AC220V
CT-02	F22	AC220V
CT-03	PE	EARTH
CT-04	LTC	LIGHT IN PIT
CT-05	S1	SPEAKER1
CT-06	S2	SPEAKER2
CT-07	S3	BUZZER1
CT-08	S4	BUZZER2
CT-09	P24	+24VDC
CT-10	N24	24VDC 0V

NO	SIGNAL	DEFINITION
CT-01	L22	AC220V
CT-02	F22	AC220V
CT-03	PE	EARTH
CT-04	LTC	LIGHT IN PIT
CT-05	S1	SPEAKER1
CT-06	S2	SPEAKER2
CT-07	S3	BUZZER1
CT-08	S4	BUZZER2
CT-09	P24	+24VDC
CT-10	N24	24VDC 0V

NO	SIGNAL	DEFINITION
CT-01	L22	AC220V
CT-02	F22	AC220V
CT-03	PE	EARTH
CT-04	LTC	LIGHT IN PIT
CT-05	S1	SPEAKER1
CT-06	S2	SPEAKER2
CT-07	S3	BUZZER1
CT-08	S4	BUZZER2
CT-09	P24	+24VDC
CT-10	N24	24VDC 0V

NO	SIGNAL	DEFINITION
CT-01	L22	AC220V
CT-02	F22	AC220V
CT-03	PE	EARTH
CT-04	LTC	LIGHT IN PIT
CT-05	S1	SPEAKER1
CT-06	S2	SPEAKER2
CT-07	S3	BUZZER1
CT-08	S4	BUZZER2
CT-09	P24	+24VDC
CT-10	N24	24VDC 0V

NO	SIGNAL	DEFINITION
CT-01	L22	AC220V
CT-02	F22	AC220V
CT-03	PE	EARTH
CT-04	LTC	LIGHT IN PIT
CT-05	S1	SPEAKER1
CT-06	S2	SPEAKER2
CT-07	S3	BUZZER1
CT-08	S4	BUZZER2
CT-09	P24	+24VDC
CT-10	N24	24VDC 0V

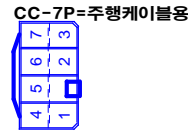
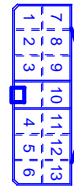
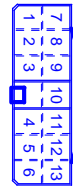
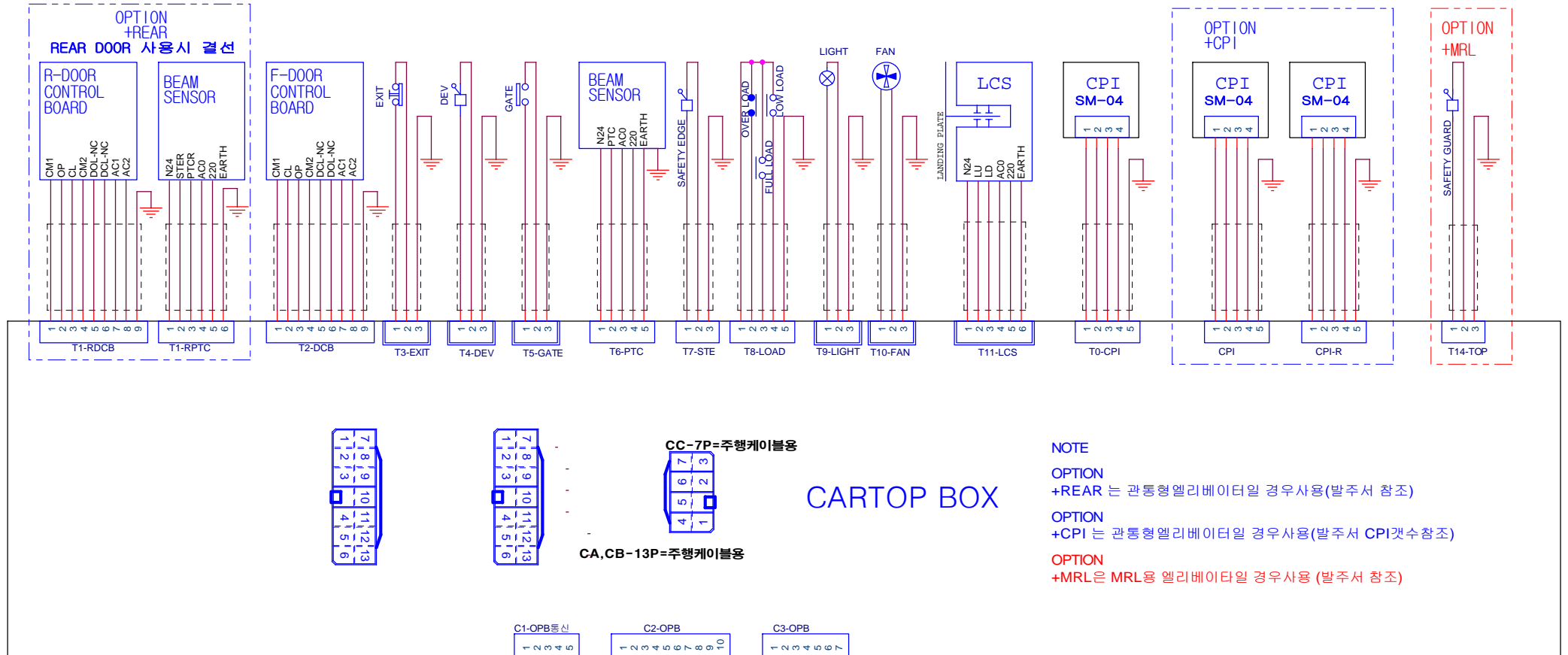
NO	SIGNAL	DEFINITION
CC-01	P24	+24VDC
CC-02	N24	0VDC
CC-03	TXA+	COMM
CC-04	TXA-	COMM
CC-05	PE	EARTH
CC-06	PE	EARTH
CC-07		
CC-08		
CC-09		

NO	SIGNAL	DEFINITION
CD-01	BGM	구내방송화로1
CD-02	BGM	구내방송화로2
CD-03	BZ1	BUZZER1
CD-04	BZ2	BUZZER2
CD-05		
CD-06		
CD-07		
CD-08		
CD-09		

NO	SIGNAL	DEFINITION
CT-01	L22	AC220V
CT-02	F22	AC220V
CT-03	PE	EARTH
CT-04	LTC	LIGHT IN PIT
CT-05	S1	SPEAKER1
CT-06	S2	SPEAKER2
CT-07	S3	BUZZER1
CT-08	S4	BUZZER2
CT-09	P24	+24VDC

카주위 하네스 결선도

T1-RDCB	T1-RPTC	T2-DCB	T3-EXIT	T4-DEV	T5-GATE	T6-PTC	T7-STE	T8-LOAD	T9-LIGHT	T10-FAN	T11-LCS	T0-CPI	CPI	CPI-R	T14-TOP
길이 전선굵기	길이 전선굵기	길이 전선굵기	길이 전선굵기	길이 전선굵기	길이 전선굵기	길이 전선굵기	길이 전선굵기	길이 전선굵기	길이 전선굵기	길이 전선굵기	길이 전선굵기	길이 전선굵기	길이 전선굵기	길이 전선굵기	길이 전선굵기
4M 0.75SQ	4M 0.5SQ	4M 0.75SQ	3M 0.75SQ	7M 0.75SQ	4M 0.75SQ	4M 0.5SQ	5M 0.5SQ	7M 0.5SQ	3M 0.75SQ	3M 0.75SQ	3M 0.5SQ	4M 0.5SQ	4M 0.5SQ	5M 0.5SQ	2M 0.75SQ



CA,CB-13P=주행케이블용

CARTOP BOX

NOTE

OPTION

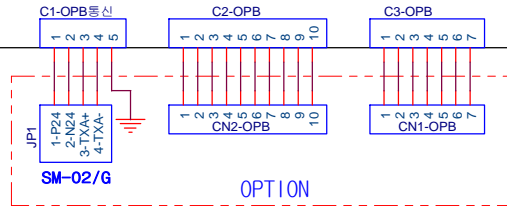
+REAR 는 관통형엘리베이터일 경우사용(발주서 참조)

OPTION

+CPI 는 관통형엘리베이터일 경우사용(발주서 CPI갯수참조)

OPTION

+MRL은 MRL용 엘리베이터일 경우사용 (발주서 참조)



C1-OPB통신	C2-OPB	C3-OPB
길이 전선굵기	길이 전선굵기	길이 전선굵기
4.5M 0.5SQ	4.5M 0.75SQ	4.5M 0.5SQ

DRWN BY	J.H.KWACK	APPD BY	S.D.LEE
FIELD		TITLE	카주위 결선도
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Date:	Saturday, December 21, 2013	Sheet	10 of 10

승강로전선 하네스 결선도

HB 콘넥터	HB-01
HA 콘넥터	HA-01
케이블번호	01/N24
02	
03/SLU	HA-03
04/SLD	HB-03
05/FRS	HB-05
06/P112	HA-05
07/P113	HA-06
08/P114	HB-07
09/TE1	HB-08
10/TE2	HB-09
11/TE3	HB-10
12/TE4	HB-11
13/L22	HB-12
14/F22	HB-13
15/LTA	HB-14
16/LTB	HB-15
17/LTC	HB-16
18/P117	HB-01
19/P119	HB-03
20/PE	HA-07
HC 콘넥터	HC-01
	HC-02
	HC-03

NOTE
OPTION
+FIRE 는 소방용 또는 비상용엘리베이터릴 경우사용(발주서 참조)
OPTION
+MRL은 MRL용 엘리베이터릴 경우사용 (발주서 참조)

