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IDENTITY NUMBER	PAGE	TYPE	DESCRIPTION	PLAC.	REV	DATE	IDENTITY NUMBER	PAGE	TYPE	DESCRIPTION	PLAC.	REV	DATE		
A 807160 / EK___001	1	DESIGNATION SYSTEM	EXPLANATIONS				807160 / YB___011	11	EXTERNAL CONN. LIST	B-PANEL	+H+B			A	
807160 / EK___002	2	PRINCIPAL ARRANGEMENT	-				807160 / YB___012	12	EXTERNAL CONN. LIST	B-PANEL	+H+B				
807160 / EK___003	3	CIRCUIT DIAGRAM	BASE MAIN POWER SUPPLY	+H+B			807160 / YB___013	13	EXTERNAL CONN. LIST	B-PANEL	+H+B				
807160 / EK___004	4	CIRCUIT DIAGRAM	BASE SAFETY CIRCUIT	+H+B			807160 / YB___014	14	EXTERNAL CONN. LIST	JUNCTION BOX	+H+J				
807160 / EK___005	5	CIRCUIT DIAGRAM	TRAILING CABLE	+H+J			807160 / YB___015	15	EXTERNAL CONN. LIST	JUNCTION BOX	+H+J				
807160 / EK___006	6	CIRCUIT DIAGRAM	CAR MAIN POWER	+C+M			807160 / YC___001	1	CABLE LIST						
807160 / EK___007	7	CIRCUIT DIAGRAM	CAR MOTOR CONTROL	+C+V			/								
807160 / EK___008	8	CIRCUIT DIAGRAM	CAR BRAKE CONTROL	+C+M			/								
B 807160 / EK___009	9	CIRCUIT DIAGRAM	CAR CPU-UNIT	+C+M			/							B	
807160 / EK___010	10	CIRCUIT DIAGRAM	CAR CPU-UNIT	+C+M			/								
807160 / EK___011	11	CIRCUIT DIAGRAM	CAR SAFETY CIRCUIT	+C+M	A	2006-02-27	/								
807160 / EK___012	12	CIRCUIT DIAGRAM	CAR CONTROL OF CONTACTORS	+C+M			/								
807160 / EK___013	13	CIRCUIT DIAGRAM	CAR CONTROL CIRCUIT	+C+V			/								
807160 / EK___014	14	VFC PARAMETER LIST	VFC:140 A M:AEG 3x11 KW				/								
807160 / EK___015	15	VFC PARAMETER LIST	VFC:140 A M:AEG 3x11 KW	-			/								
C 807160 / YA___001	1	ITEM LIST	C-EQUIPMENT	+C			/							C	
807160 / YA___002	2	ITEM LIST	C-EQUIPMENT	+C			/								
807160 / YA___003	3	ITEM LIST	C-EQUIPMENT	+C			/								
807160 / YA___004	4	ITEM LIST	M-PANEL	+C+M			/								
807160 / YA___005	5	ITEM LIST	M-PANEL	+C+M			/								
807160 / YA___006	6	ITEM LIST	M-PANEL	+C+M			/								
807160 / YA___007	7	ITEM LIST	M-PANEL	+C+M			/								
807160 / YA___008	8	ITEM LIST	V-PANEL	+C+V			/								
D 807160 / YA___009	9	ITEM LIST	V-PANEL	+C+V			/							D	
807160 / YA___010	10	ITEM LIST	V-PANEL	+C+V			/								
807160 / YA___011	11	ITEM LIST	HOIST WAY	+H			/								
807160 / YA___012	12	ITEM LIST	B-PANEL	+H+B			/								
807160 / YA___013	13	ITEM LIST	B-PANEL	+H+B			/								
807160 / YA___014	14	ITEM LIST	JUNCTION BOX	+H+J			/								
807160 / YB___001	1	EXTERNAL CONN. LIST	M-PANEL	+C+M			/								
807160 / YB___002	2	EXTERNAL CONN. LIST	M-PANEL	+C+M			/								
E 807160 / YB___003	3	EXTERNAL CONN. LIST	M-PANEL	+C+M			/							E	
807160 / YB___004	4	EXTERNAL CONN. LIST	M-PANEL	+C+M			/								
807160 / YB___005	5	EXTERNAL CONN. LIST	M-PANEL	+C+M			/								
807160 / YB___006	6	EXTERNAL CONN. LIST	M-PANEL	+C+M			/								
807160 / YB___007	7	EXTERNAL CONN. LIST	M-PANEL	+C+M			/								
807160 / YB___008	8	EXTERNAL CONN. LIST	V-PANEL	+C+V			/								
807160 / YB___009	9	EXTERNAL CONN. LIST	V-PANEL	+C+V			/								
807160 / YB___010	10	EXTERNAL CONN. LIST	V-PANEL	+C+V			/								

F								SC-650 HOIST		Designed MBO		Drawn MBO		Date 2006-04-03	
B								LIST OF DOCUMENTS				Scale -		Approved -	
Proj.		Rev.		Modification		By		Date		Source S		AL2DOKF1		Id.no. 807160 / AA___001	
										Pages 1		Next page 1		Page 1	

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ALIMAK STD. DESIGNATION SYSTEM

- + SIGN MEANS POSITION
- SIGN MEANS ITEM

ALIMAK ITEM DESIGNATION SYSTEM

LEGEND

- A = BOXES AND PANELS ETC..
- B = PULS TRANSMITTERS ETC..
- C = CAPACITATORS
- D = PLC-SYSTEMS AND COMPUTORS
- E = LIGHTS AND FANS
- F = FUSES AND SIMULAR
- G = BATTERIES AND CHARGERS
- H = BUZZERS AND SIGNAL LAMPS
- K = RELAYS AND SIMULAR
- L = MAGNETS AND INDUCTORS
- M = MOTORS
- N = ANALOG COMPONENTS
- P = METERS
- Q = POWER SWITCHES LIKE CONTACTORS
- R = RESISTORS
- S = SWITCHES AND SIMULAR
- T = TRANSFORMERS
- U = VFC-UNITS, SOFTSTARTERS AND SIMULAR
- V = DIODS TRANSISTORS ETC..
- W = CABLES AND WIRE
- X = TERMINALS AND OUTLETS
- Y = BRAKES AND ACTUATORS
- Z = FILTERS LIKE RC-UNITS AND SIMULAR

ALIMAK POSITION DESIGNATION SYSTEM

LEGEND

- +C+M = MAIN ELECTRICAL PANEL ON THE CAR
- +C = OTHER COMPONENTS ON THE CAR
- +C+D = CAR CONTROL PANEL IN THE CAR
- +H+J = JUNCTION BOX IN THE HOISTWAY
- +H = COMPONENTS AT THE HOISTWAY
- +H+B = BASE CONTROL PANEL AT THE HOISTWAY
- +L01+P = LANDING CONTROL BOX ON LEVEL 1
- +L01 = COMPONENTS ON LEVEL 1
- +L02 = COMPONENTS ON LEVEL 2
- +L03 = COMPONENTS ON LEVEL 3
- ETC..

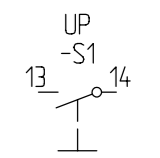
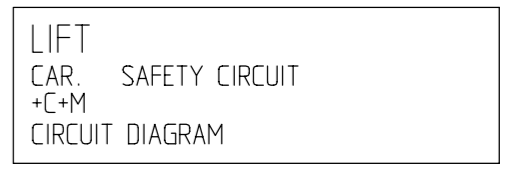
EXAMPLE

- +C+D-S1 = SWITCH 1 IN THE CAR CONTROL PANEL ON THE CAR
- +C+M-K1 = CONTACTOR 1 IN THE MAIN PANEL ON THE CAR
- +C-M1 = MOTOR 1 ON THE CAR
- +H-A1 = BOX 1 AT THE HOISTWAY

THE POSITION DESIGNATION IN THE DRAWING HEADER APPLIES TO THE WHOLE DRAWING IF NOT OTHERWISE STATED

EXAMPLE

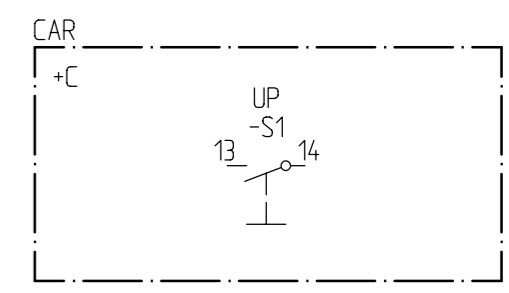
DESIGNATION FOR THIS SWITCH IS +C+M-S1 WHICH MEANS SWITCH 1 IN THE MAIN PANEL ON THE CAR



IF THE SWITCH IS DRAWN IN A BOX LIKE THIS IT IS THE POSITION DESIGNATION IN THE BOX THAT APPLY FOR EVERY THING INSIDE THAT BOX UNLESS OTHER WISE STATED

EXAMPLE

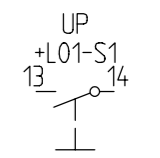
DESIGNATION FOR THIS SWITCH IS +C-S1 WHICH MEANS SWITCH 1 ON THE CAR



THE WHOLE DESIGNATION CAN ALSO BE WRITTEN ON THE SYMBOL AND THEN IT IS THAT DESIGNATION THAT APPLY FOR THAT COMPONENT

EXAMPLE

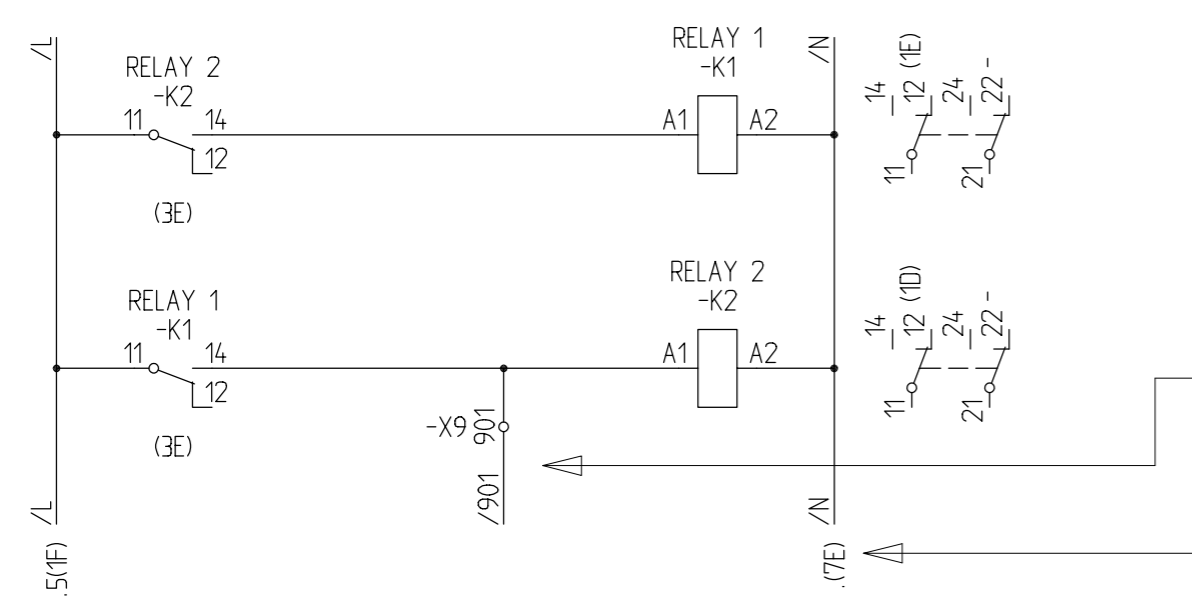
DESIGNATION FOR THIS SWITCH IS +L01-S1 WHICH MEANS SWITCH 1 ON LANDING 01



ALIMAK COLOUR CODE SYSTEM

LEGEND

- BK = BLACK
- BN = BROWN
- BU = BLUE
- GN = GREEN
- GY = GREY
- OG = ORANGE
- PK = PINK
- RD = RED
- TQ = TURQUOISE
- VT = VIOLET
- WH = WHITE
- YE = YELLOW
- GD = GOLD
- SR = SILVER
- GNYE = GREEN & YELLOW
- YG = SHORTEND VERSION OF GREEN & YELLOW (GNYE)



TERMINALGROUP -X9 IS CONNECTION POINTS FOR OPTIONAL EQUIPMENT. IF THERE IS NO CROSS-REFERENCE PRESENT THEN THE TERMINAL IS NOT CONNECTED.

EXAMPLE

- .(7E) = CROSS-REFERENCE TO PRESENT PAGE ,COORD. 7E
- .(52F) = CROSS-REFERENCE TO PAGE 5, COORD 2F

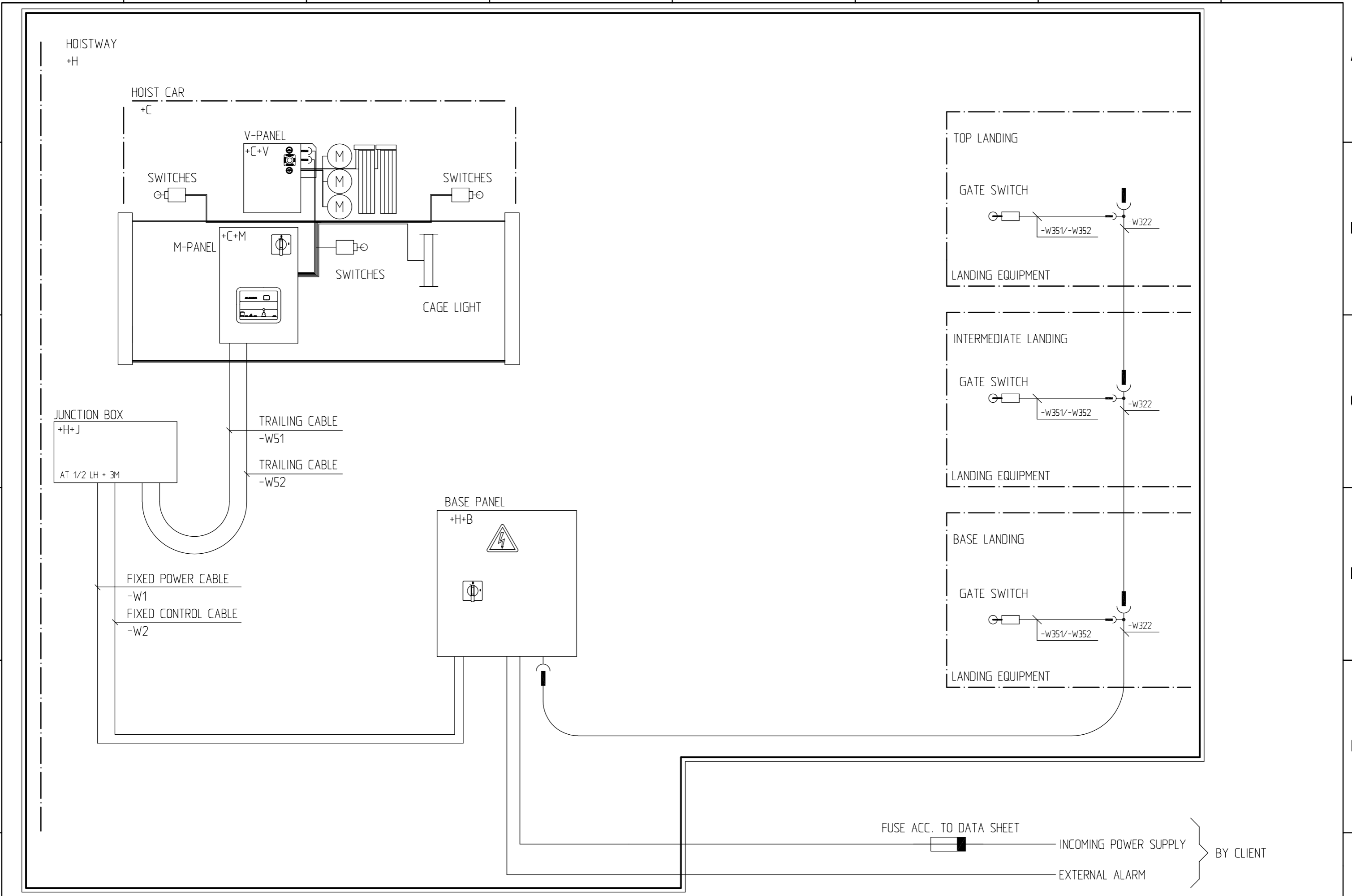


SC-650 HOIST EXPLANATIONS DESIGNATION SYSTEM

Digned	MBO	Drawn	MBO	Date	2006-04-03
Scale		Approved	-	Date	2006-04-03
Source	S	CA100001	Id.no.	807160 / EK___001	
Pages	15	Next page	2	Page	1

Proj.	Rev.	Modification	By	Date

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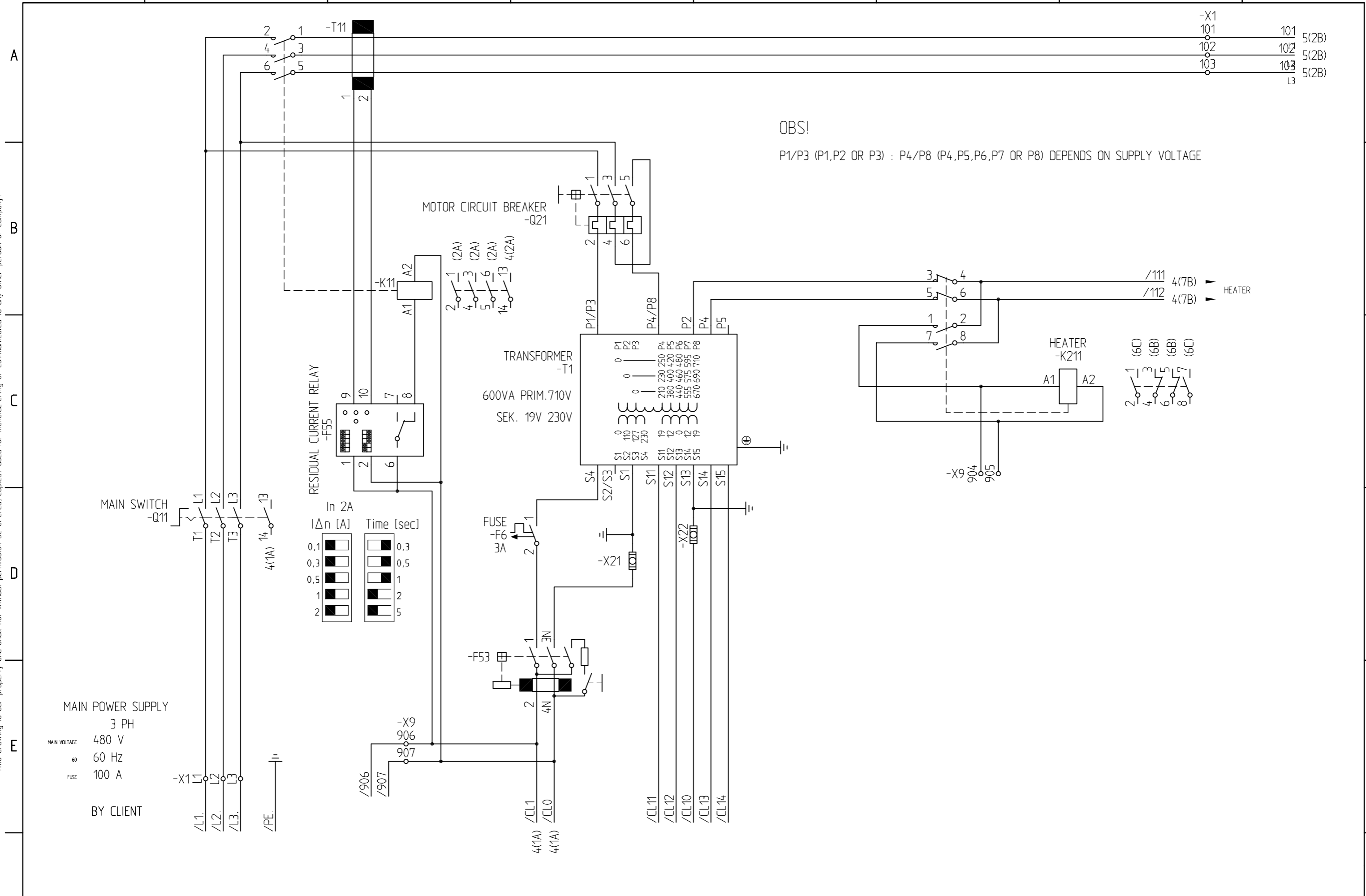
Proj.	Rev.	Modification	By	Date



SC-650 HOIST
-
ELECTRICAL
PRINCIPAL ARRANGEMENT

Designed	MBO	Drawn	MBO	Date	2006-04-03
Scale		Approved	-	Date	2006-04-03
Source	S SC-650 AHA00201	Id.no.		807160 / EK...002	
Pages	15	Next page		3	Page 2

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OBS!
P1/P3 (P1,P2 OR P3) : P4/P8 (P4,P5,P6,P7 OR P8) DEPENDS ON SUPPLY VOLTAGE

MAIN POWER SUPPLY
3 PH
MAIN VOLTAGE 480 V
60 60 HZ
FUSE 100 A
BY CLIENT

In 2A	$I\Delta n$ [A]	Time [sec]
<input type="checkbox"/>	0,1	0,3
<input type="checkbox"/>	0,3	0,5
<input type="checkbox"/>	0,5	1
<input type="checkbox"/>	1	2
<input type="checkbox"/>	2	5

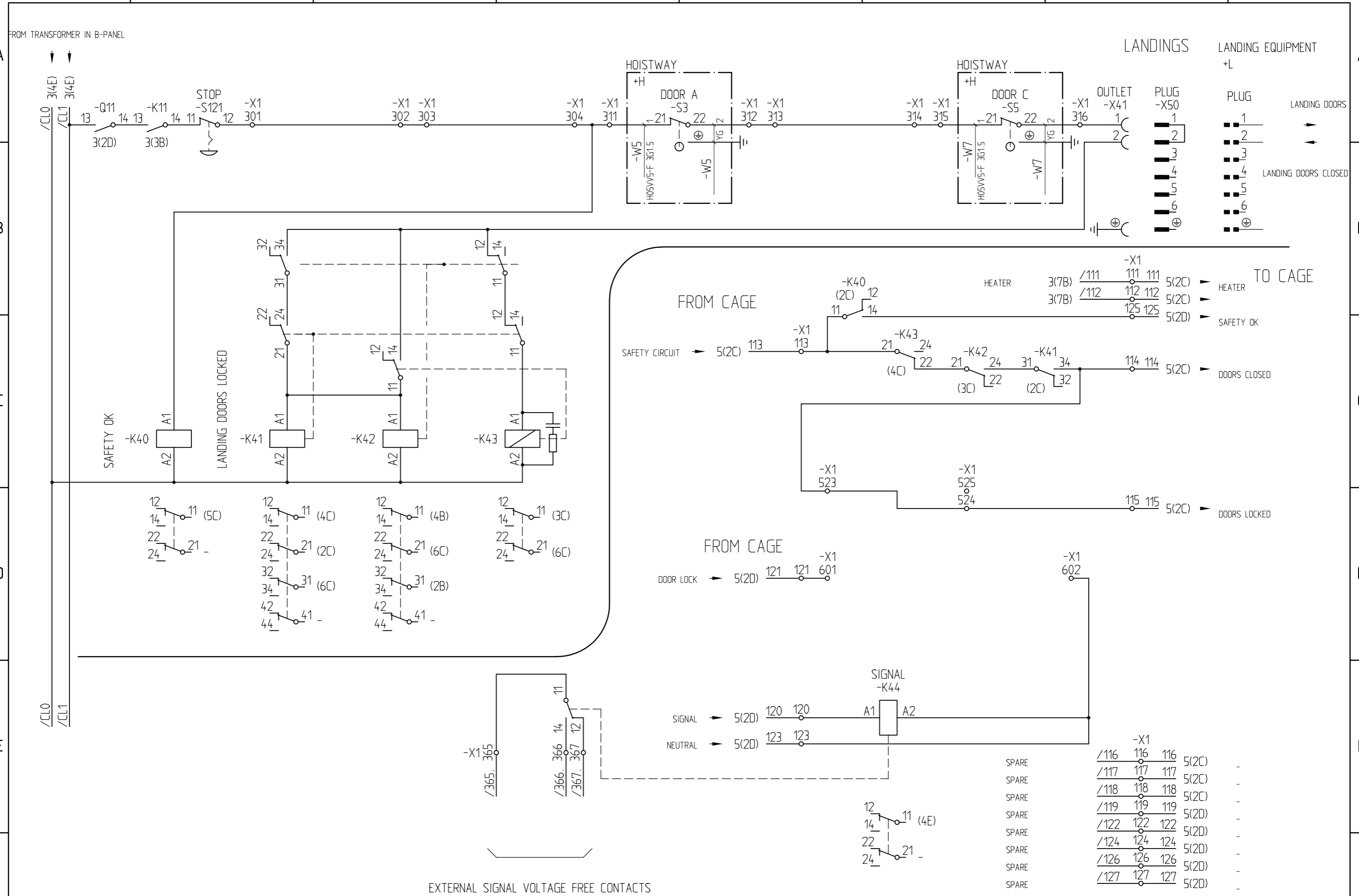


SC-650 HOIST
BASE MAIN POWER SUPPLY
+H+B
CIRCUIT DIAGRAM

Designed	MBO	Drawn	MBO	Date	2006-04-03
Scale	-	Approved	-	Date	2006-04-03
Source	S SC-650 BB100202		Id.no.	807160 / EK___003	
Pages	15	Next page	4	Page	3

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EXTERNAL SIGNAL VOLTAGE FREE CONTACTS

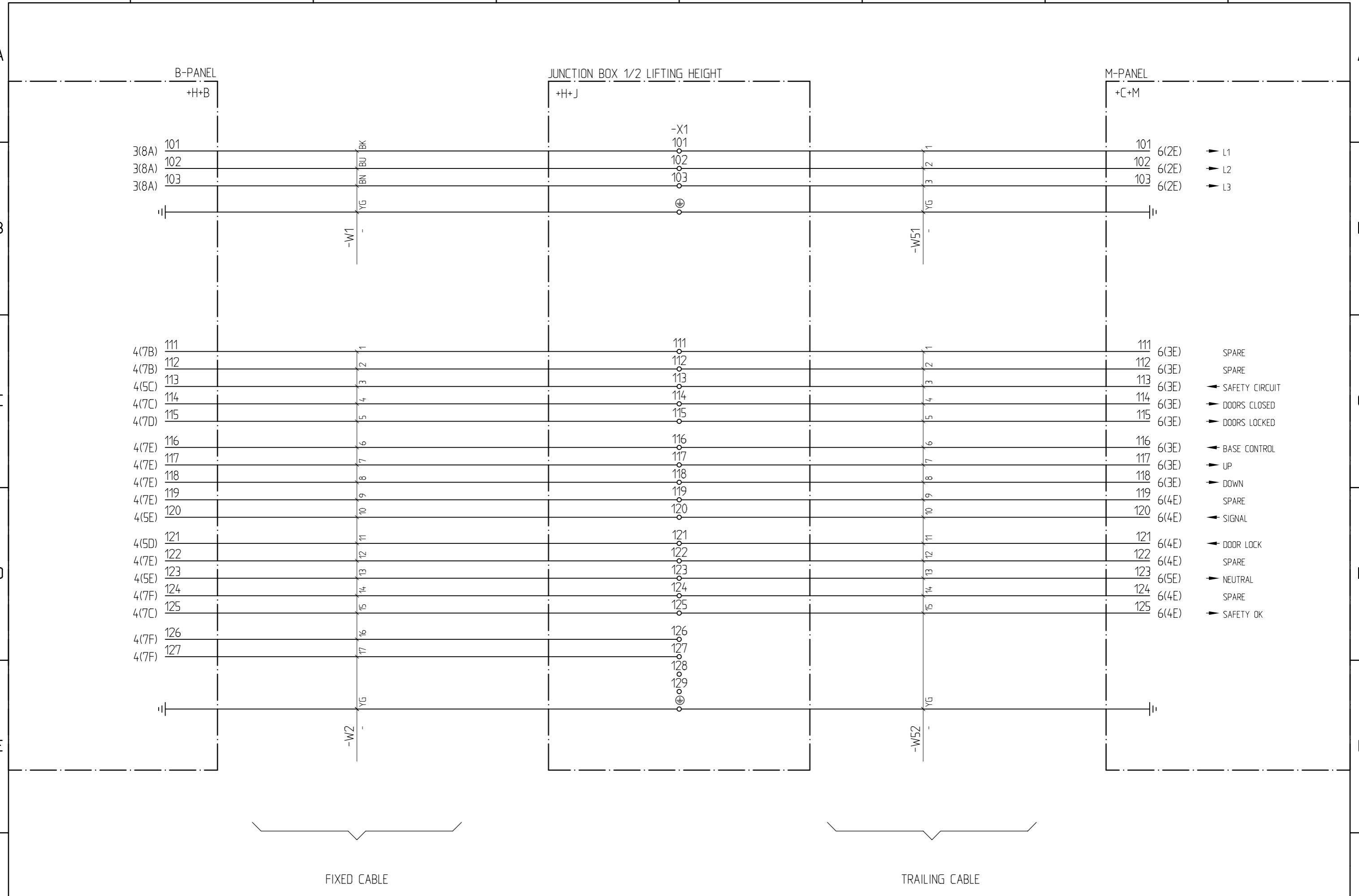


SC-650 HOIST
BASE SAFETY CIRCUIT
+H+B
CIRCUIT DIAGRAM

Designed	MBO	Drawn	MBO	Date	2006-04-03
Scale	-	Approved	-	Date	2006-04-03
Source	S SC-650 BNA00002	Id.no.	807160 / EK...004		
Pages	15	Next page	5	Page	4

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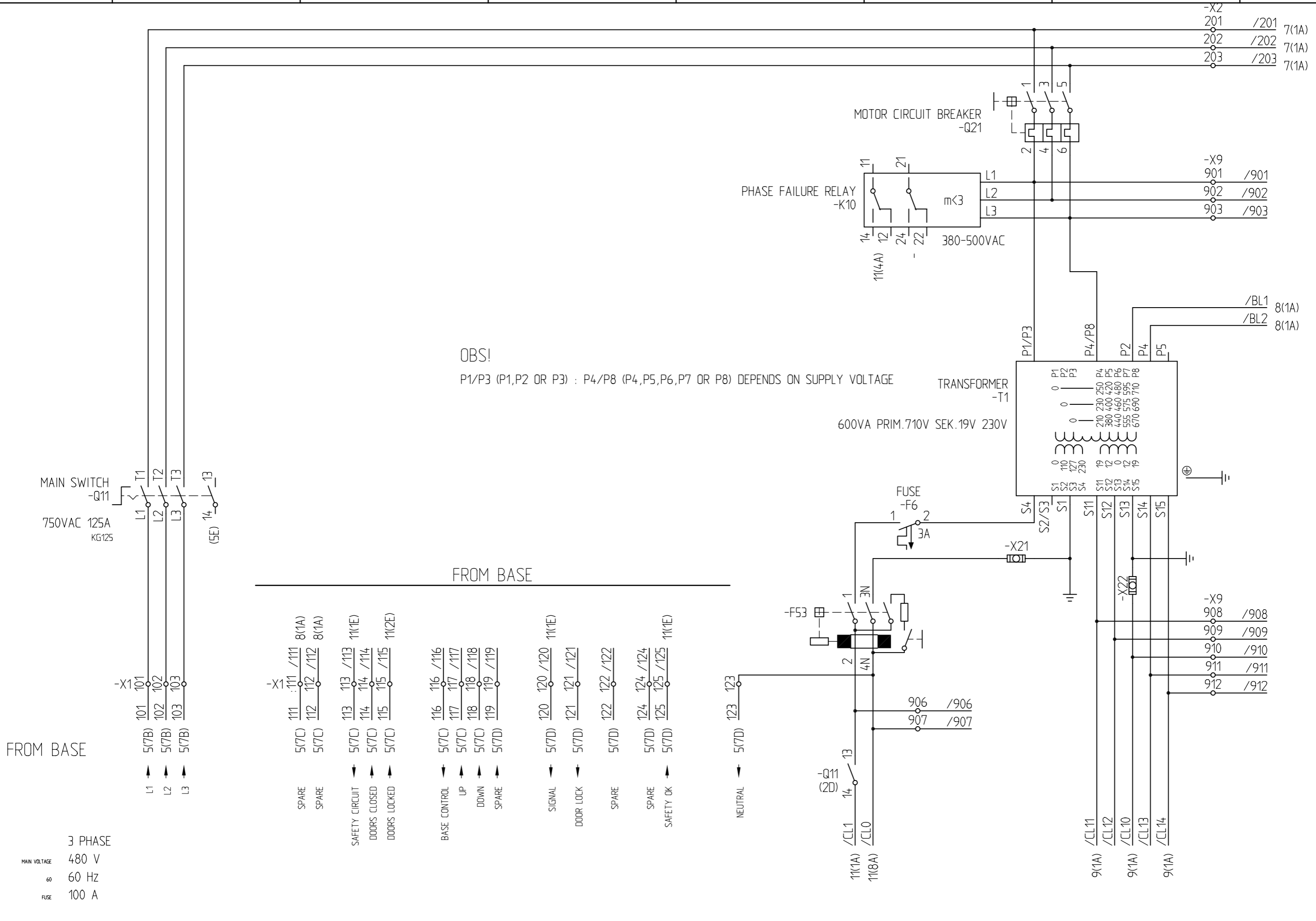
Proj.	Rev.	Modification	By	Date



SC-650 HOIST
TRAILING CABLE
+H+J
CIRCUIT DIAGRAM

Designed	MBO	Drawn	MBO	Date	2006-04-03
Scale	-	Approved	-	Date	2006-04-03
Source	S SC-650 JBA00202		Id.no.	807160 / EK___005	
Pages	15	Next page	6	Page	5

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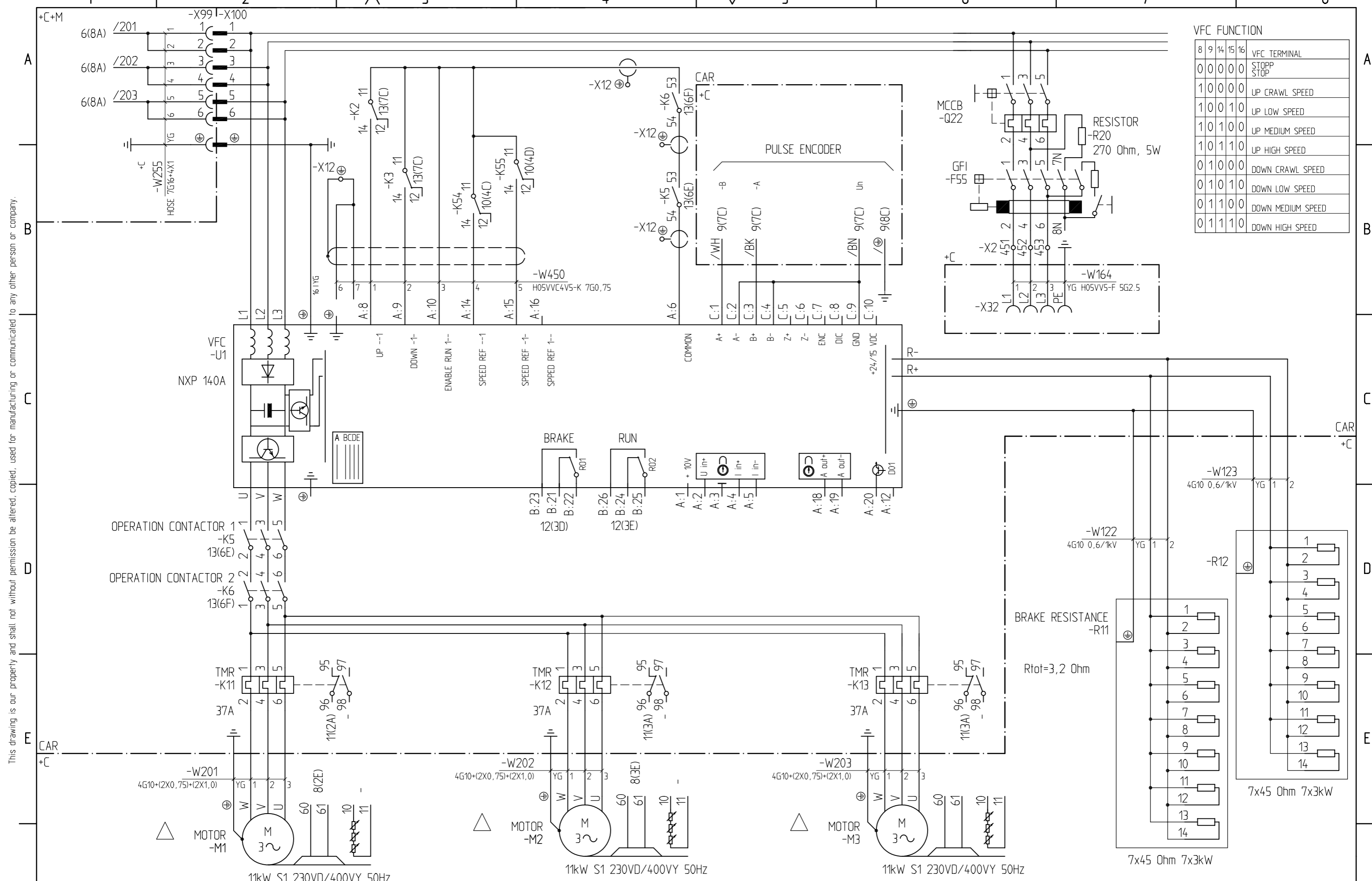
3 PHASE
MAIN VOLTAGE 480 V
60 60 HZ
FUSE 100 A



SC-650 HOIST
CAR MAIN POWER
+C+M
CIRCUIT DIAGRAM

Designed	MBO	Drawn	MBO	Date	2006-04-03
Scale		Approved	-	Date	2006-04-03
Source	S SC-650 KB100201	Id.no.		807160 / EK...006	
Pages	15	Next page	7	Page	6

Proj.	Rev.	Modification	By	Date



VFC FUNCTION

8	9	14	15	16	VFC TERMINAL
0	0	0	0	0	STOPP STOP
1	0	0	0	0	UP CRAWL SPEED
1	0	0	1	0	UP LOW SPEED
1	0	1	0	0	UP MEDIUM SPEED
1	0	1	1	0	UP HIGH SPEED
0	1	0	0	0	DOWN CRAWL SPEED
0	1	0	1	0	DOWN LOW SPEED
0	1	1	0	0	DOWN MEDIUM SPEED
0	1	1	1	0	DOWN HIGH SPEED

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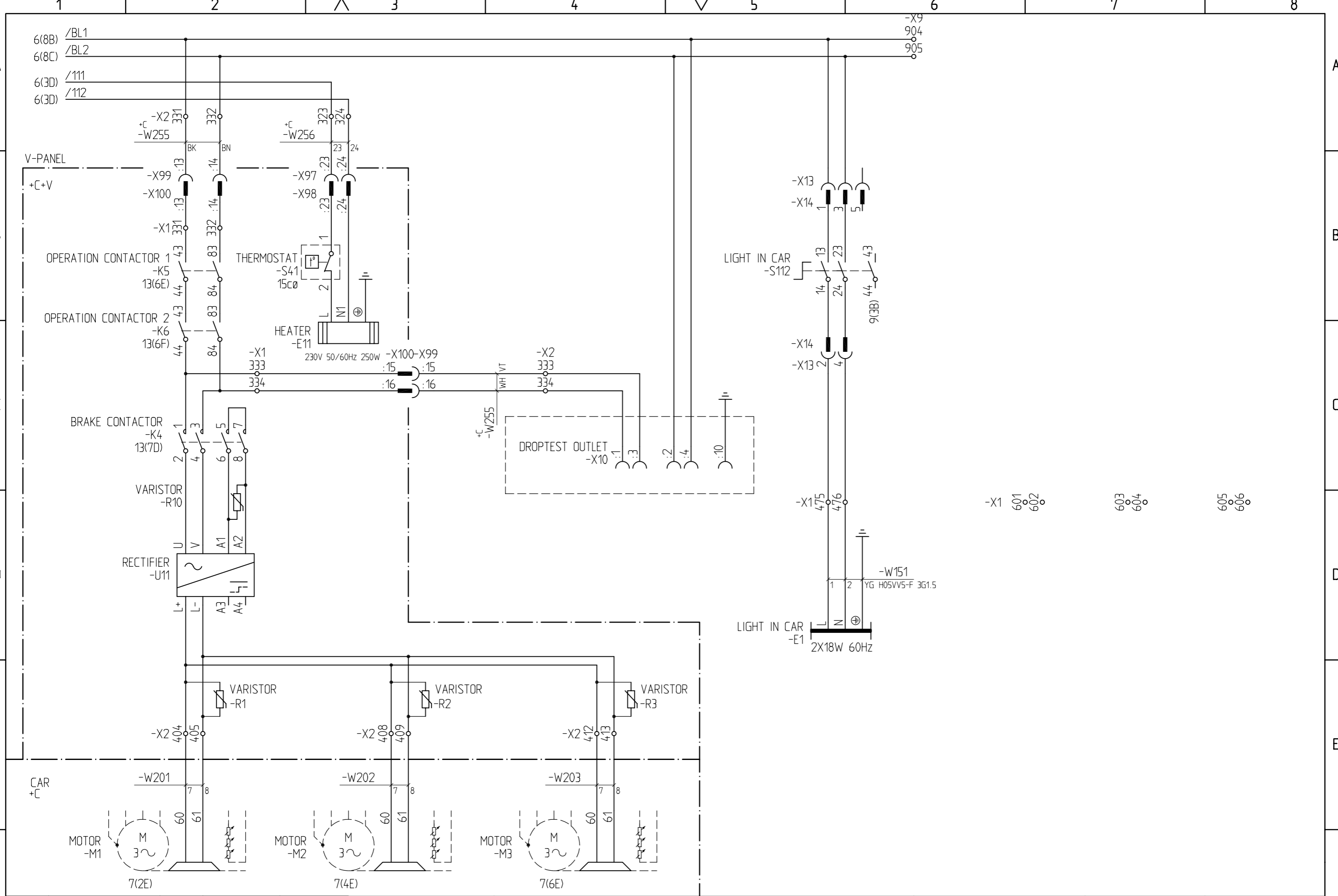
Proj.	Rev.	Modification	By	Date



SC-650 HOIST
CAR MOTOR CONTROL
+C+V
CIRCUIT DIAGRAM

Designed	MBO	Drawn	MBO	Date	2006-04-03
Scale	-	Approved	-	Date	2006-04-03
Source	S SC-650 KCA00203	Id.no.	807160 / EK...007		
Pages	15	Next page	8	Page	7

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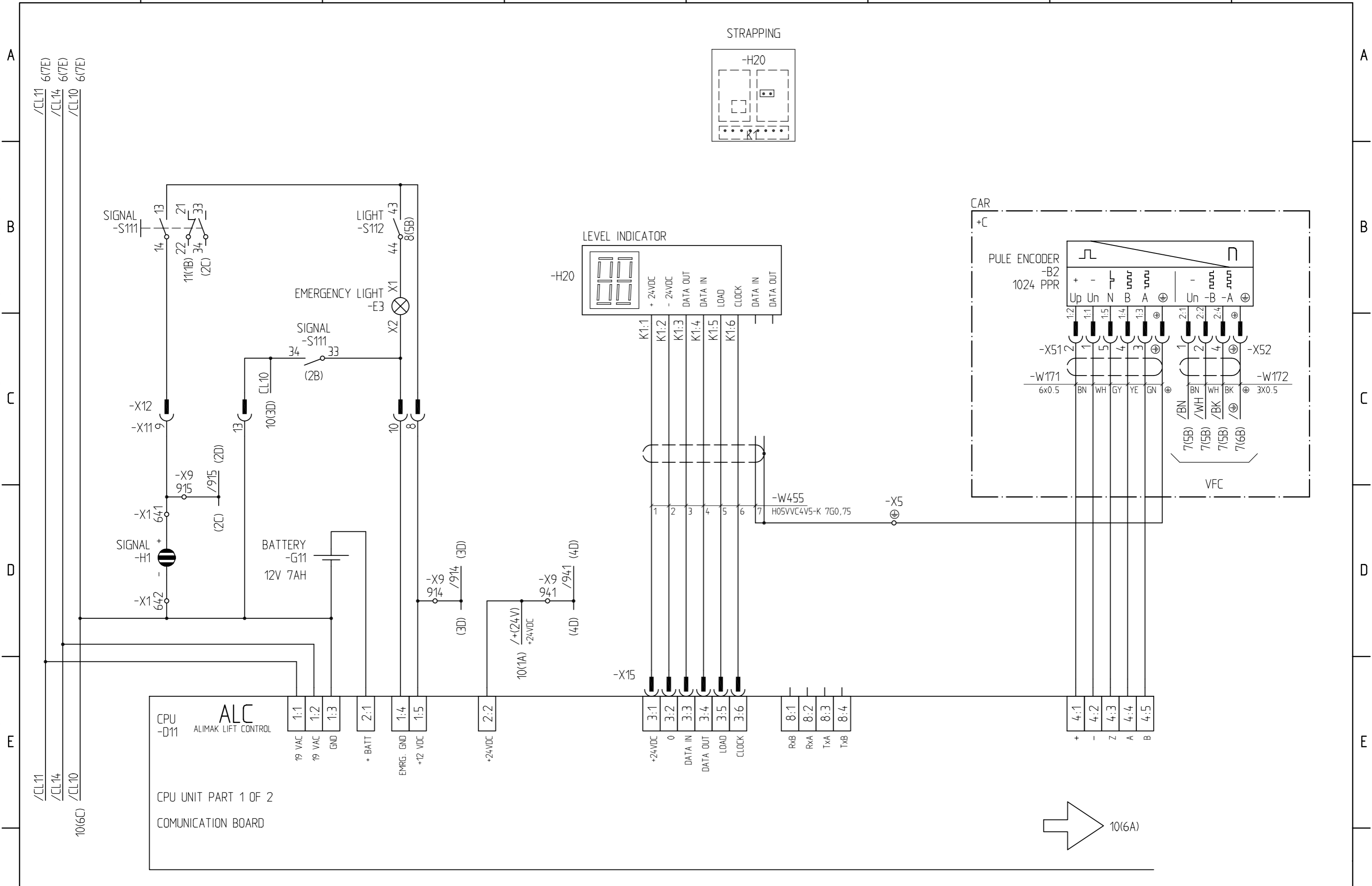
Proj.	Rev.	Modification	By	Date



SC-650 HOIST
CAR BRAKE CONTROL
+C+M
CIRCUIT DIAGRAM

Designed	MBO	Drawn	MBO	Date	2006-04-03
Scale		Approved		Date	2006-04-03
Source	S SC-650 KCA00211	Id.no.		807160 / EK___008	
Pages	15	Next page		Page	8

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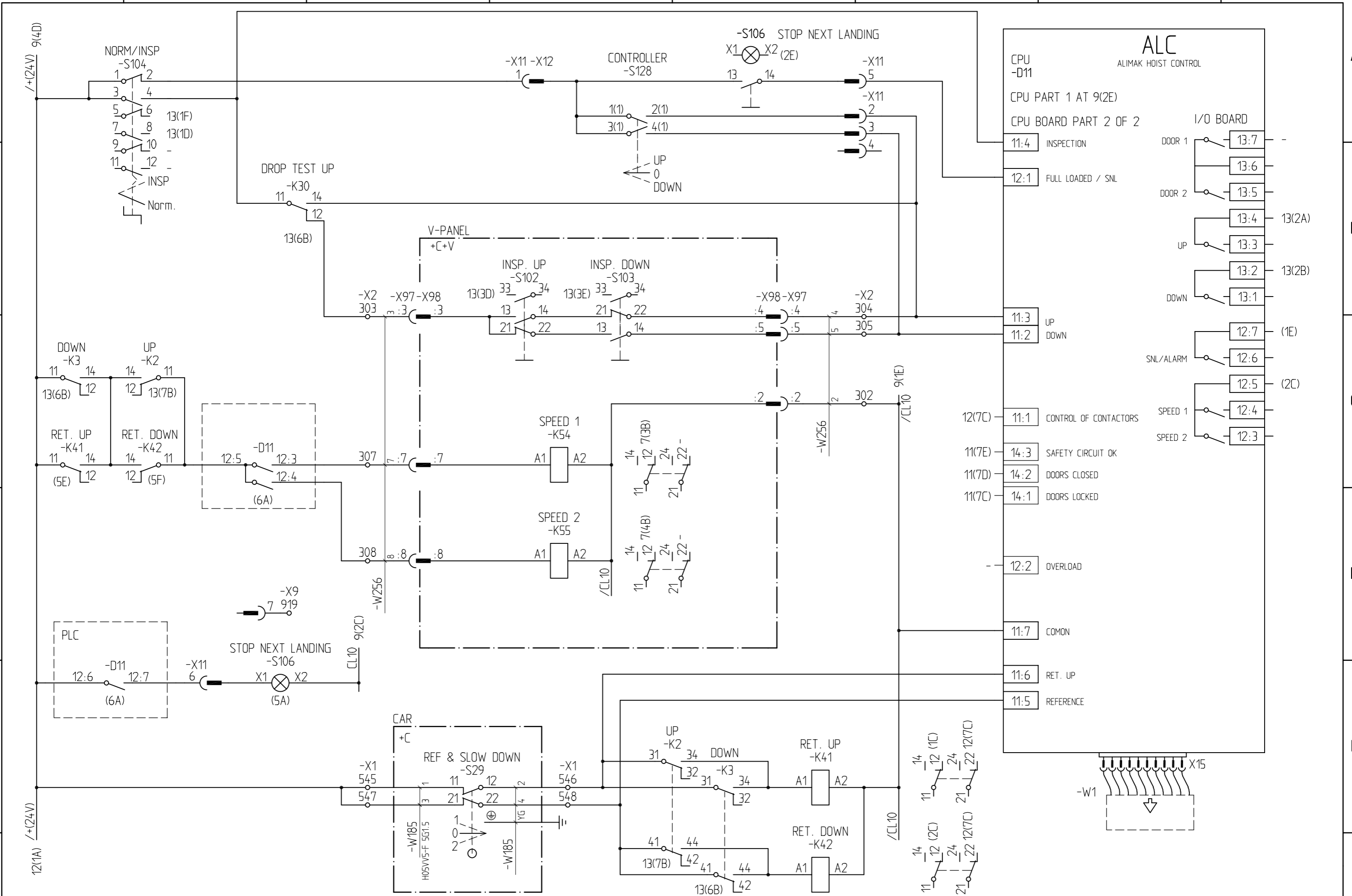
Proj.	Rev.	Modification	By	Date



SC-650 HOIST
CAR CPU-UNIT
+C+M
CIRCUIT DIAGRAM

Designed	MBO	Drawn	MBO	Date	2006-04-03
Scale	-	Approved	-	Date	2006-04-03
Source	S SC-650 KJ100201	Id.no.	807160 / EK___009		
Pages	15	Next page	10	Page	9

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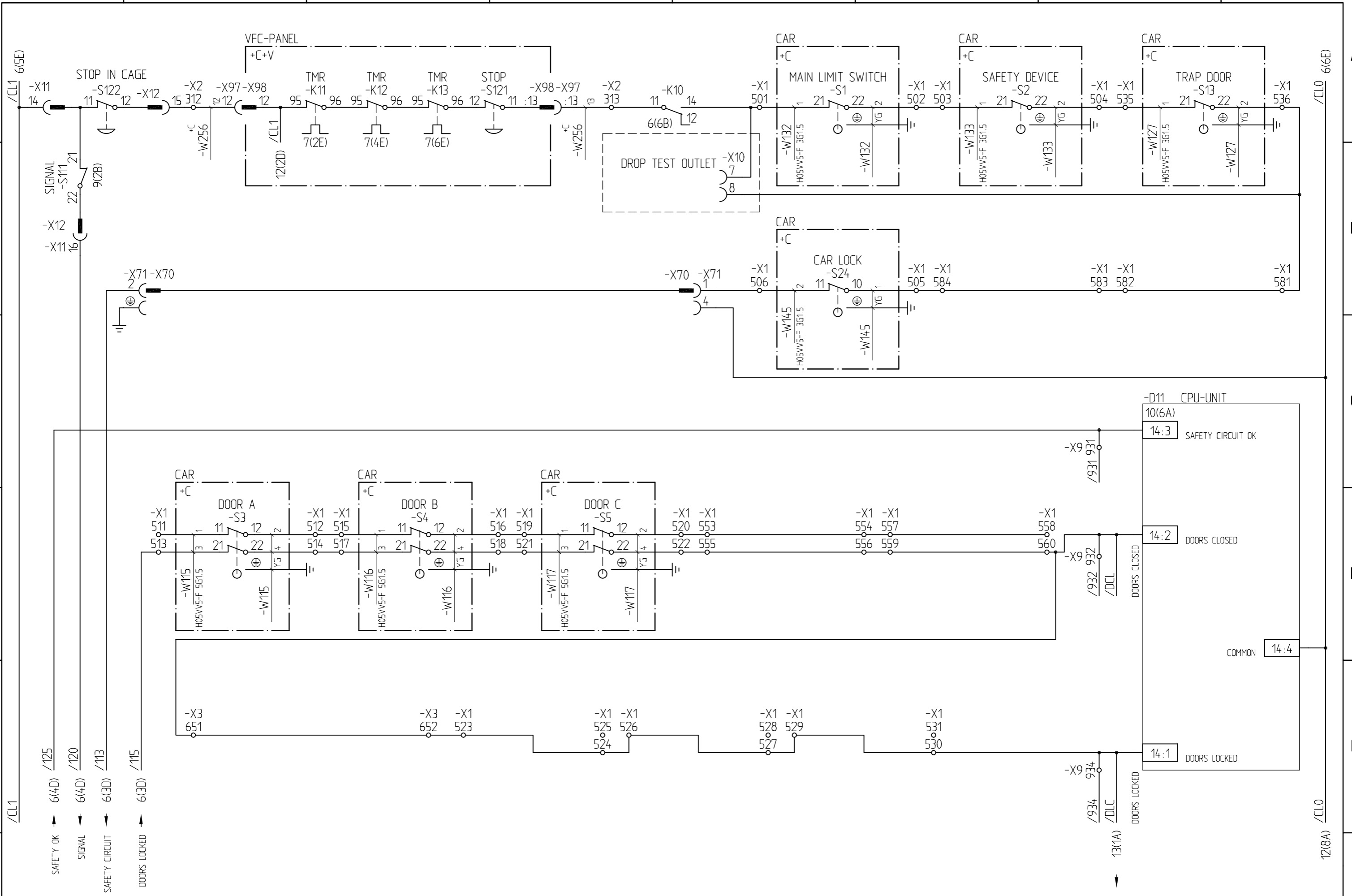


SC-650 HOIST
CAR CPU-UNIT
+C+M
CIRCUIT DIAGRAM

Designed	MBO	Drawn	MBO	Date	2006-04-03
Scale	-	Approved	-	Date	2006-04-03
Source	S SC-650 KJ200201	Id.no.	807160 / EK...010		
Pages	15	Next page	11	Page	10

Proj.	Rev.	Modification	By	Date

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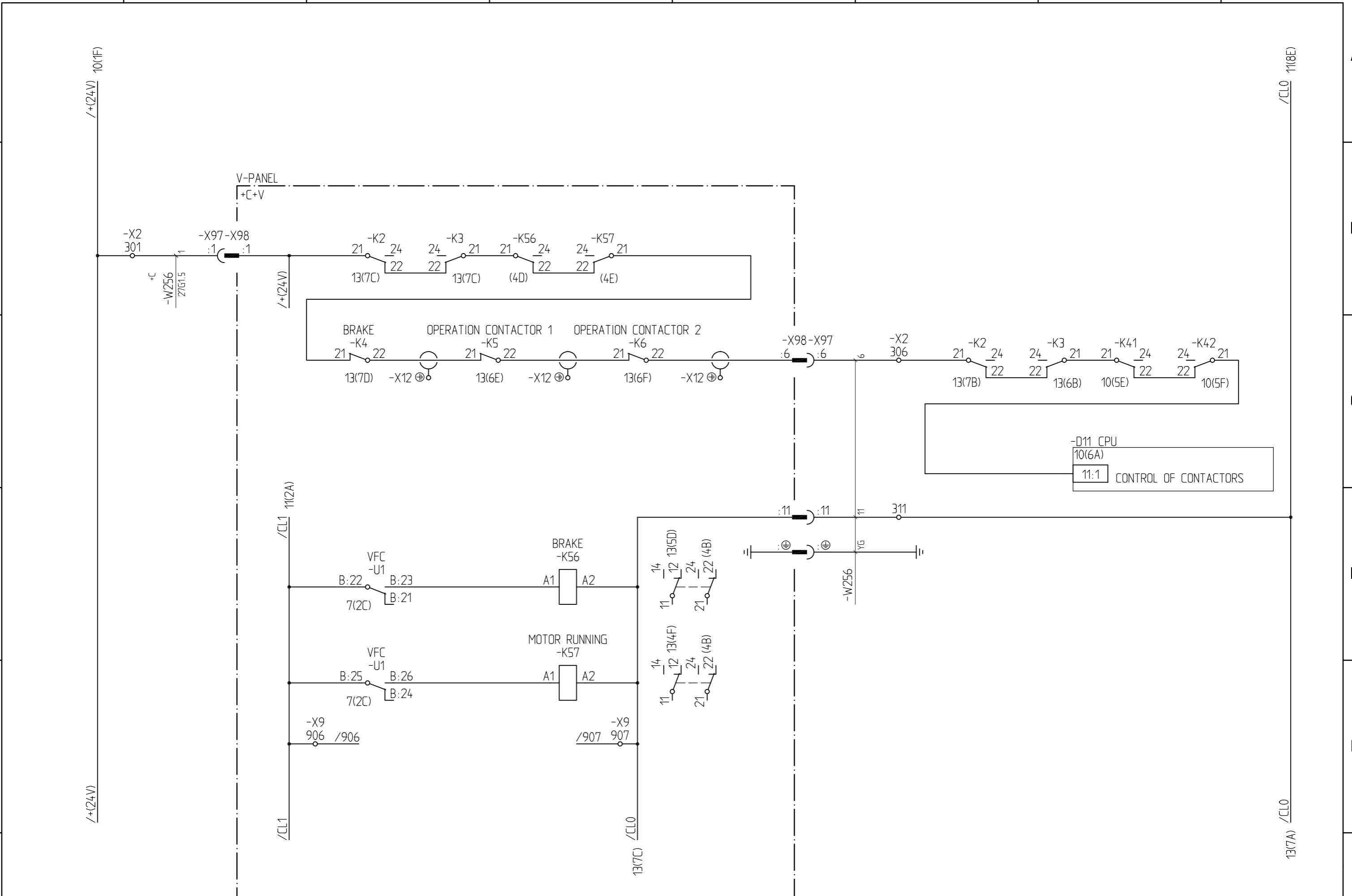
Proj.	Rev.	Modification	By	Date
B	A	-S24	JNY	2006-02-27



SC-650 HOIST
CAR SAFETY CIRCUIT
+C+M
CIRCUIT DIAGRAM

Designed	MBO	Drawn	MBO	Date	2006-04-03
Scale	-	Approved	-	Date	2006-04-03
Source	S SC-650 KMA00201	Id.no.	807160 / EK...011		
Pages	15	Next page	12	Page	11

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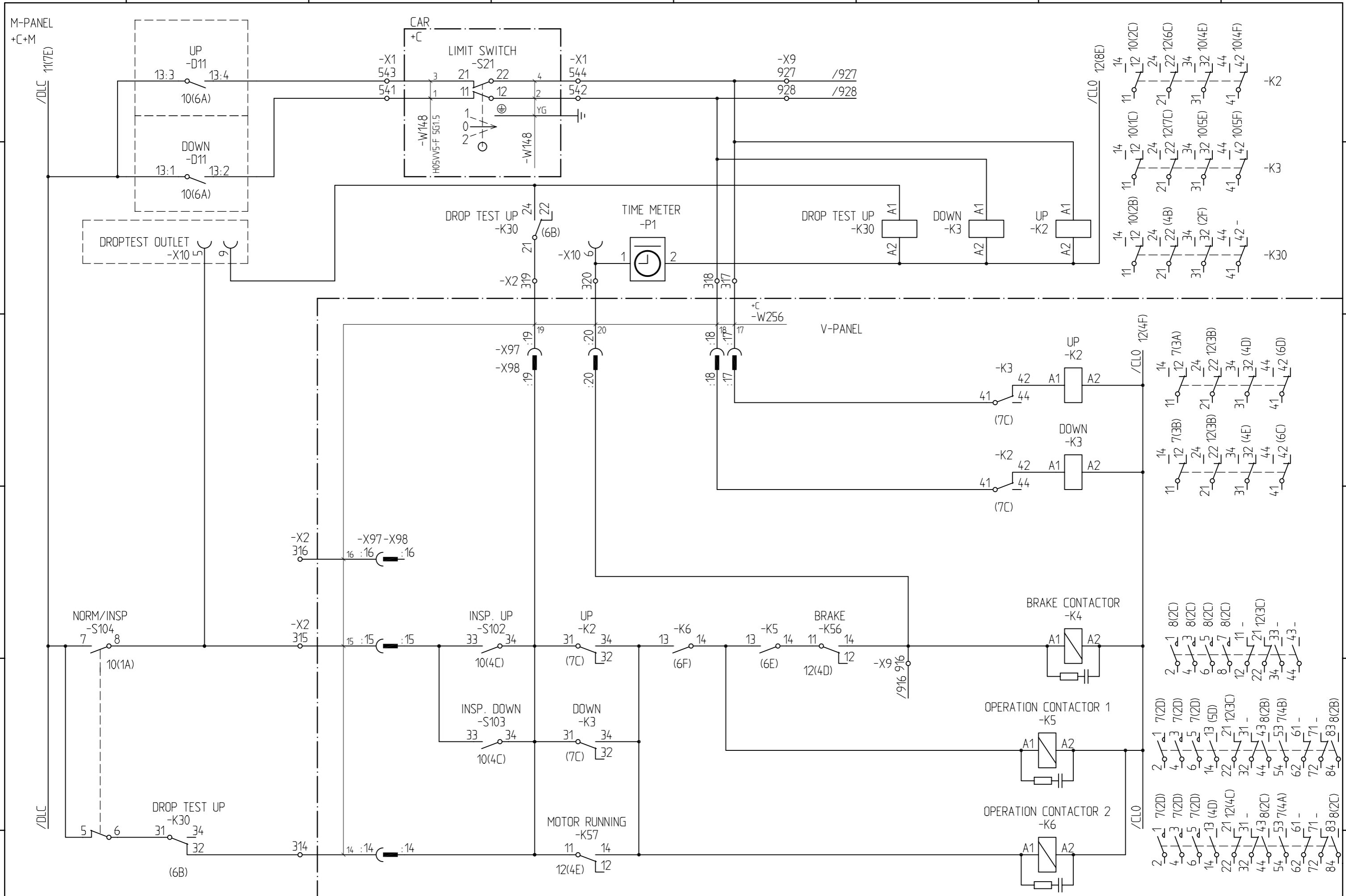
Proj.	Rev.	Modification	By	Date



SC-650 HOIST
CAR CONTROL OF CONTACTORS
+C+M
CIRCUIT DIAGRAM

Designed	MBO	Drawn	MBO	Date	2006-04-03
Scale	-	Approved	-	Date	2006-04-03
Source	S SC-650 KP100201	Id.no.	807160 / EK___012		
Pages	15	Next page	13	Page	12

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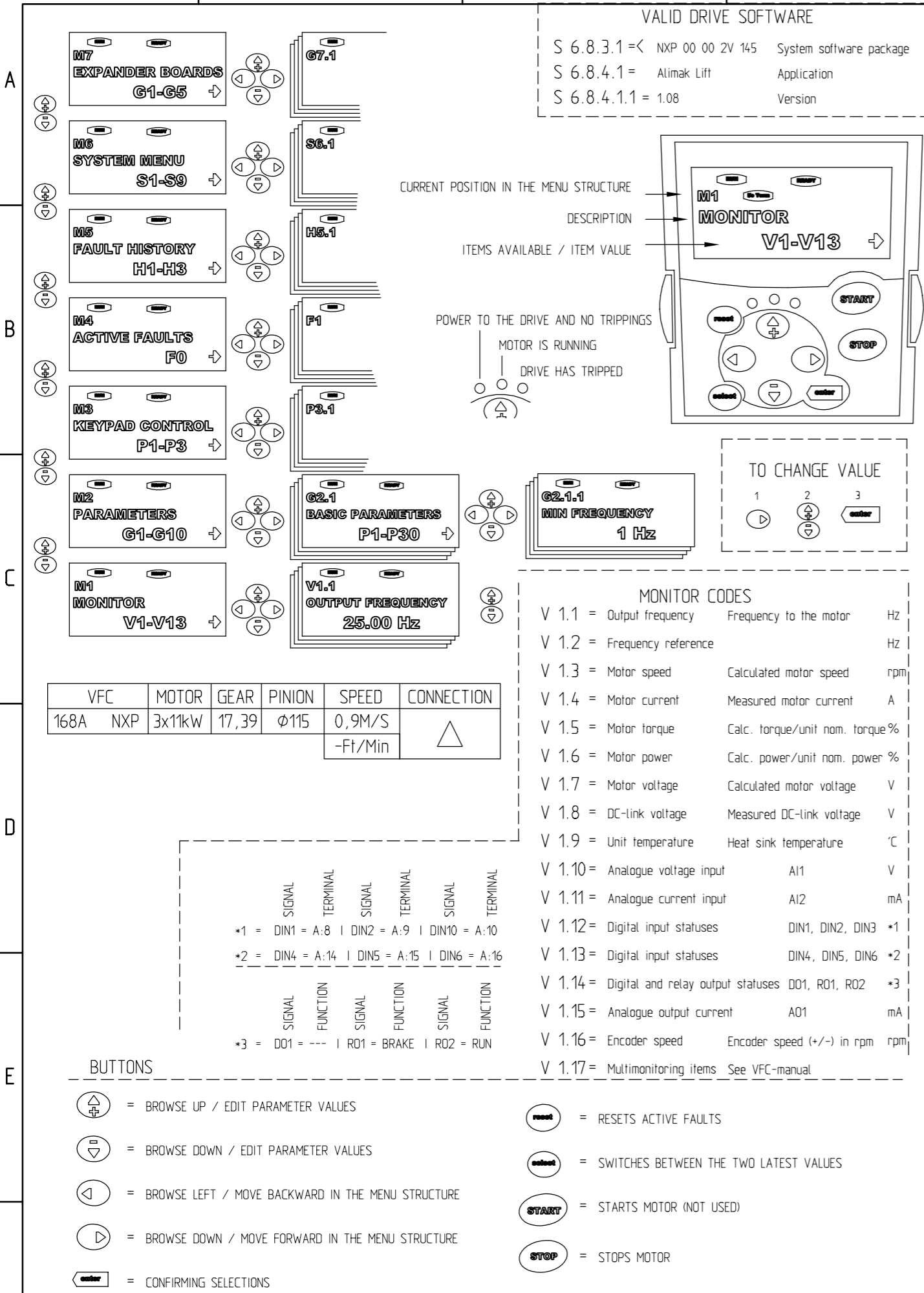


SC-650 HOIST
CAR CONTROL CIRCUIT
+C+V
CIRCUIT DIAGRAM

Designed	MBO	Drawn	MBO	Date	2006-04-03
Scale	-	Approved	-	Date	2006-04-03
Source	S SC-650 KS100201	Id.no.	807160 / EK...013		
Pages	15	Next page	14	Page	13

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M 2 = Parameters REDIGERA PARAMETERLISTA

G 2.1 = Basic Parameters

P 2.1.1	= 0,00	Min Frequency	Hz
P 2.1.2	= 87,00	Max Frequency	Hz
P 2.1.3	= 2,6	Accel Time 1	s
P 2.1.4	= 2,6	Decel Time 1	s
P 2.1.5	= 210,0	Current Limit	A
P 2.1.6	= 400	Motor Nom Voltg	V
P 2.1.7	= 87,00	Motor Nom Freq	Hz
P 2.1.8	= 2550	Motor Nom Speed	rpm
P 2.1.9	= 111,0	Motor Nom Currnt	A
P 2.1.10	= 0,90	Motor Cos Phi	
P 2.1.11	= 4	I/O Reference	= DigitalRef
P 2.1.12	= 2	Keypad Ctrl Ref	= Keypad Ref.
P 2.1.13	= 3	Fieldbus Ctr Ref	= Fieldbus
P 2.1.14	= 1	DigitalSystemSel	= Full System
P 2.1.15	= 9,00	DigitalRef 000	Hz
P 2.1.16	= 5,00	DigitalRef 001	Hz
P 2.1.17	= 55,00	DigitalRef 010	Hz
P 2.1.18	= 5,00	DigitalRef 011	Hz
P 2.1.19	= 25,00	DigitalRef 100	Hz
P 2.1.20	= 5,00	DigitalRef 101	Hz
P 2.1.21	= 87,00	DigitalRef 110	Hz
P 2.1.22	= 5,00	DigitalRef 111	Hz
P 2.1.23	= 9,00	DigitalRef 000 D	Hz
P 2.1.24	= 5,00	DigitalRef 001 D	Hz
P 2.1.25	= 55,00	DigitalRef 010 D	Hz
P 2.1.26	= 5,00	DigitalRef 011 D	Hz
P 2.1.27	= 25,00	DigitalRef 100 D	Hz
P 2.1.28	= 5,00	DigitalRef 101 D	Hz
P 2.1.29	= 87,00	DigitalRef 110 D	Hz
P 2.1.30	= 5,00	DigitalRef 111 D	Hz
P 2.1.31	= 2	Motor Ctrl Mode	= Closed Loop
P 2.1.32	= 8	Parameter Access	

G 2.2 = Input signals

P 2.2.1	= 0	Start/Stop Logic	= Forw - Rev
P 2.2.2	= 1	Curr Ref Offset	= 4-20 mA
P 2.2.3	= 0,00	Ref Scal Min Val	Hz
P 2.2.4	= 0,00	Ref Scal Max Val	Hz
P 2.2.5	= 0	Ref Invert	= No Inversion
P 2.2.6	= 0,10	Ref Filter Time	s
G 2.2.7.0 = Digital Input			
P 2.2.7.1	= DigIN:0.1	Fault Reset	
P 2.2.7.2	= DigIN:0.1	Ext Fault Close	
P 2.2.7.3	= DigIN:0.1	Ext Fault Open	
P 2.2.7.4	= DigIN:A.3	Run Enable	
P 2.2.7.5	= DigIN:0.1	Acc/Dec Time Set	

G 2.2.8 = Non Linearization

P 2.2.8.1	= 40,00	NonLin X1 cord	%
P 2.2.8.2	= 40,00	NonLin Y1 cord	%
P 2.2.8.3	= 80,00	NonLin X2 cord	%
P 2.2.8.4	= 80,00	NonLin Y2 cord	%

G 2.3 = Output signals

P 2.3.1	= 0	Iout Content	= Not Used
P 2.3.2	= 1,00	Iout Filter Time	s
P 2.3.3	= 0	Iout Invert	= No Inversion
P 2.3.4	= 0	Iout Minimum	= 0 mA
P 2.3.5	= 100	Iout Scale	%
P 2.3.6	= 0	DO1 Content	= None
P 2.3.7	= 17	RO1 Content	= OpenExBrake
P 2.3.8	= 2	RO2 Content	= Run
P 2.3.9	= 0	Freq Supv Lim 1	= No
P 2.3.10	= 0,00	Freq Supv Val 1	Hz
P 2.3.11	= AnOUT:0.1	Iout 2 Signal	
P 2.3.12	= 4	Iout 2 Content	= O/P Current
P 2.3.13	= 1,00	Iout 2 Filter T	s
P 2.3.14	= 0	Iout 2 Invert	= No Inversion
P 2.3.15	= 0	Iout 2 Minimum	= 0 mA
P 2.3.16	= 1000	Iout 2 Scale	%
P 2.3.17	= 0,00	FreqSup2 Lim ON	Hz
P 2.3.18	= 0,00	FreqSup2 Lim OFF	Hz

G 2.4.0 = Drive Control

P 2.4.1	= 0,2	Ramp 1 Shape	s
P 2.4.2	= 0,0	Ramp 2 Shape	s
P 2.4.3	= 10,0	Accel Time 2	s
P 2.4.4	= 10,0	Decel Time 2	s
P 2.4.5	= 1	Brake Chopper	= On, Run
P 2.4.6	= 0	Start Function	= Ramping
P 2.4.7	= 2	Stop Function	= Ramp+REcoast
P 2.4.8	= 0	Flux Brake	= Off
P 2.4.9	= 100,0	FluxBrakeCurrent	A
P 2.4.10	= 0,00	RampChangeFreq	Hz

PARAMETER FILE: 9081 555-309_168

Proj.	Rev.	Modification	By	Date



SC-650 HOIST
 VFC:140 A M:AEG 3x11 KW
 VFC PARAMETER LIST

Designed	MBO	Drawn	MBO	Date	2006-04-03
Scale	-	Approved	-	Date	2006-04-03
Source	S SC-650 UNA00221	Id.no.	807160 / EK...014		
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G 2.5.0 = Brake control			
G 2.5.1.0 = Open loop			
P 2.5.1.1	= 55,0	CurrentLimit FWD	A
P 2.5.1.2	= 40,0	CurrentLimit REV	A
P 2.5.1.3	= 0,0	TorqueLimit FWD	%
P 2.5.1.4	= 0,0	TorqueLimit REV	%
P 2.5.1.5	= 1,50	FreqLimit FWD	Hz
P 2.5.1.6	= 0,00	FreqLimit REV	Hz
P 2.5.1.7	= 0,00	MecBreakOpenDFWD	s
P 2.5.1.8	= 0,00	MecBreakOpenDREV	s
P 2.5.1.9	= 2,50	FreqLimClose FWD	Hz
P 2.5.1.10	= 0,70	FreqLimClose REV	Hz
P 2.5.1.11	= 0,00	MecBrakeClosDFWD	s
P 2.5.1.12	= 0,00	MecBrakeClosDREV	s
P 2.5.1.13	= 6,00	MaxFreqBrakeClos	Hz
P 2.5.1.14	= 0,15	MecBrakReactTime	s
P 2.5.1.15	= 99,0	DC-Brake Current	A
P 2.5.1.16	= 0,200	Start DC-BrakeTm	s
P 2.5.1.17	= 0 / No	Enable Rsidentif	= No
P 2.5.1.18	= 0,200	Stop DC-BrakeTm	s
P 2.5.1.19	= 2,50	Stop DC-BrakeFr	Hz
P 2.5.1.20	= 2	DirectChangeMode	= Stop State
G 2.5.2.0 = Closed loop			
P 2.5.2.1	= 30,0	CurrentLimit	A
P 2.5.2.2	= 0,0	TorqueLimit	%
P 2.5.2.3	= 0,00	FreqLimit	Hz
P 2.5.2.4	= 0,00	MecBreakOpenDela	s
P 2.5.2.5	= 0,00	FreqLimClose	Hz
P 2.5.2.6	= 0,00	MecBrakeClosDela	s
P 2.5.2.7	= 0,00	MaxFreqBrakeClos	Hz
P 2.5.2.8	= 0,15	MecBrakReactTime	s
P 2.5.2.9	= 0,200	0 Hz timeAtStart	s
P 2.5.2.10	= 0,100	0 Hz TimeAtStop	s
P 2.5.2.11	= 0,00	SmoothStartTime	s
P 2.5.2.12	= 0,10	SmoothStartFreq	Hz
P 2.5.2.13	= 2	DirectChangeMode	= Stop State

G 2.6.0 = Motor Control			
P 2.6.1	= 0	Identification	= No Action
P 2.6.2	= 1	U/f Optimization	= AutoTorqBoos
P 2.6.3	= 2	U/f Ratio Select	= Programmable
P 2.6.4	= 87,00	Field WeakngPnt	Hz
P 2.6.5	= 100,00	Voltage at FWP	%
P 2.6.6	= 1,03	U/f Mid Freq	Hz
P 2.6.7	= 1,68	U/f Mid Voltg	%
P 2.6.8	= 1,19	Zero Freq Voltg	%
P 2.6.9	= 3,6	Switching Freq	kHz
P 2.6.10	= 0	Overvolt Contr	= Off
P 2.6.11	= 1	Undervolt Contr	= On

G 2.6.12 = 0			
P 2.6.12	= 0	SlipCompensation	= Calculated
P 2.6.13	= 3000	OL Speed Reg P	
P 2.6.14	= 300	OL Speed Reg I	
G 2.6.15.0 = Closed loop			
P 2.6.15.1	= 58,3	MagnCurrent	A
P 2.6.15.2	= 30,0	Speed Control Ti	ms
P 2.6.15.3	= 40,00	CurrentControlKp	%
P 2.6.15.4	= 60	Slip Adjust	%
P 2.6.15.5	= 0,00	LoadDrooping	%
P 2.6.15.6	= 3	StartupTorqueSel	= Torq.Fwd/Rev
P 2.6.15.7	= 55,0	StartupTorq FWD	%
P 2.6.15.8	= 37,0	StartupTorq REV	%
P 2.6.15.9	= 0,00	SPC f1 point	Hz
P 2.6.15.10	= 0,00	SPC f0 point	Hz
P 2.6.15.11	= 100	Kp gain under f0	%
P 2.6.15.12	= 30	SpdCtrlKpBrClose	
P 2.6.15.13	= 30	SpdCtrlKpBrOpen	
P 2.6.15.14	= 0	Enc1FilterBrClos	ms
P 2.6.15.15	= 0	Enc1FilterBrOpen	ms
P 2.6.15.16	= 0	SpdErrFltBrClose	ms
P 2.6.15.17	= 0	SpdErrFltBrOpen	ms
G 2.6.16.0 = Open loop special			
P 2.6.16.1	= 1,00	IRAddFreqLimit	Hz
P 2.6.16.2	= 8	IRAddFilterTC	ms
P 2.6.16.3	= 200	MakeFluxTime	ms
P 2.6.16.4	= 2,01	MakeFluxVoltage	%
P 2.6.16.5	= 10,00	GenOverCurrentLi	Hz
P 2.6.16.6	= 0 /	EnableSlip Comp In Rev	= Enable
P 2.6.16.7	= 0	ContModeBrakeClo	= OpenLoopFreq
P 2.6.16.8	= 2	Advanced Setting	= FOL + LowInd

G 2.7.0 = Protections			
P 2.7.1	= 0	4mA Input Fault	= None
P 2.7.2	= 0,00	4mA Fault Freq.	Hz
P 2.7.3	= 2	External Fault	= Fault
P 2.7.4	= 2	Input Phase Supv	= Fault
P 2.7.5	= 2	UVolt Fault Resp	= Fault
P 2.7.6	= 2	OutputPh. Superv	= Fault
P 2.7.7	= 2	Earth Fault	= Fault
P 2.7.8	= 2	Motor Therm Prot	= Fault
P 2.7.9	= 0,0	MotAmbTempFactor	%
P 2.7.10	= 40,0	MTP f0 Current	%
P 2.7.11	= 45	MTP Motor T	min
P 2.7.12	= 100	Motor Duty Cycle	%
P 2.7.13	= 2	Stall Protection	= Fault
P 2.7.14	= 144,3	Stall Current	A
P 2.7.15	= 15,00	Stall Time Lim	s
P 2.7.16	= 10,00	Stall Freq Lim	Hz

G 2.7.17 = 0			
P 2.7.17	= 0	Underload Protec	= No Action
P 2.7.18	= 50,0	UP fnom Torque	%
P 2.7.19	= 10,0	UP f0 Torque	%
P 2.7.20	= 20,00	UP Time Limit	s
P 2.7.21	= 0	ThermistorF.Resp	= No Action
P 2.7.22	= 0	Comm. Fault Resp	= No Action
P 2.7.23	= 2	SlotComFaultResp	= Fault
P 2.7.24	= 0	BrakeSuperVFault	= No Action
P 2.7.25	= 3,00	BrakeSuperV Time	s
P 2.7.26	= 0	BrakeLogicSFault	= No Action
P 2.7.27	= 5,00	BrakeLogicSVTime	s
P 2.7.28	= 0	UnderCurrent Fa	= No Action
P 2.7.29	= 0,0	UnderCurrentSup	A
P 2.7.30	= 1	Shaftspped SV	= Warning
P 2.7.31	= 5,00	ShaftsppedSHyst	Hz
P 2.7.32	= 1,00	ShaftsppedSTime	s
P 2.7.33	= 0	OverloadF Resp	= No Action
P 2.7.34	= 5,0	OverloadTimeLimi	s
P 2.7.35	= 150,0	OverloadToqueLim	%
P 2.7.36	= 150,0	OverloadCurreLim	%

G 2.8.0 = Auto restart			
P 2.8.1	= 0,50	Wait Time	s
P 2.8.2	= 30,00	Trial Time	s
P 2.8.3	= 0	Start Function	= Ramping
P 2.8.4	= 4	Undervolt. Tries	x
P 2.8.5	= 0	Overvolt. Tries	x
P 2.8.6	= 0	Overcurr. Tries	x
P 2.8.7	= 0	4mA Fault Tries	x
P 2.8.8	= 0	MotTempF Tries	x
P 2.8.9	= 0	Ext.Fault Tries	x

G 2.9.0 = Identified parameters			
P 2.9.1	= 14,1	Flux 10%	%
P 2.9.2	= 28,3	Flux 20%	%
P 2.9.3	= 42,5	Flux 30%	%
P 2.9.4	= 56,7	Flux 40%	%
P 2.9.5	= 71,0	Flux 50%	%
P 2.9.6	= 80,5	Flux 60%	%
P 2.9.7	= 87,9	Flux 70%	%
P 2.9.8	= 93,0	Flux 80%	%
P 2.9.9	= 97,2	Flux 90%	%
P 2.9.10	= 103,3	Flux 100%	%
P 2.9.11	= 100,5	Flux 110%	%
P 2.9.12	= 105,7	Flux 120%	%
P 2.9.13	= 108,0	Flux 130%	%
P 2.9.14	= 109,8	Flux 140%	%

G 2.9.15 = 111,8			
P 2.9.15	= 111,8	Flux 150%	%
P 2.9.16	= 75	MeasRSVoltDrop	
P 2.9.17	= 2,18	IRAddZeroPoVolt	%
P 2.9.18	= 0	IRAddGeneScale	%
P 2.9.19	= 100	IRAddMotorScale	%
P 2.9.20	= 13	IU Offset	
P 2.9.21	= 17	IV Offset	
P 2.9.22	= 20	IW Offset	

G 3.0.0 = Keypad control			
P 3.1	= 1	Control Place	= I/O Terminal
P 3.3	= 0	Keypad Direction	= Forward
P 3.4	= 1	StopButtonActive	= Yes

G 6.0.0 = System menu			
G 6.3.0 = Parameter backup			
P 6.3.4	= 0	Autom. BackUp	= Yes
G 6.5.0 = Security			
P 6.5.2	= 0	Parameter Lock	= ChangeEnable
P 6.5.3	= 0	Startup wizard	= No
P 6.5.4	= 0	Multimon. items	= ChangeEnable
G 6.6.0 = Keypad settings			
P 6.6.1	= 1.1.	Default page	
P 6.6.2	= 0	Default page/OM	
P 6.6.3	= 300	Timeout time	s
P 6.6.4	= 18	Contrast	
P 6.6.5	= 10	Backlight time	min
G 6.7.0 = HW-Settings			
P 6.7.1	= 0	InternBrakeRes	= Not conn.
P 6.7.2	= 1	Fan control	= Temperature
P 6.7.3	= 200	HMI ACK timeout	ms
P 6.7.4	= 5	HMI retry	

G 7.0.0 = Expander boards			
G 7.1.0 = A: NXOPTA1			
P 7.1.1.1	= 3	AI1 mode	= 0...10V
P 7.1.1.2	= 1	AI2 mode	= 0...20mA
P 7.1.1.3	= 1	AO1 mode	= 0...20mA
G 7.3.0 = C: NXOPTA5			
P 7.3.1.1	= 1024	Pulse revolution	
P 7.3.1.2	= 0	Invert direction	= No
P 7.3.1.3	= 1	Reading rate	= 1 ms

REDIGERA PARAMETERLISTA



SC-650 HOIST
VFC:140 A M:AEG 3x11 KW
VFC PARAMETER LIST

Designed	MBO	Drawn	MBO	Date	2006-04-03
Scale	-	Approved	-	Date	2006-04-03
Source	S SC-650 UNA00222	Id.no.	807160 / EK...015		
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Proj.	Rev.	Modification	By	Date

ITEM	QTY.	PART NO.	DESIGNATION	DWG. REF.	REMARK
-A15	1	9099334000	BRACKET	17(3E)	ASSEMBLY ACCESSORIES
-A21	6	3000205338	CABLE LUG	7(7C)	BRAKE RESISTOR
-B2	1	3001964164	PULSE ENCODER	9(7B)	PULSE ENCODER
-M1	1	30012636B0	ELECTRIC MOTOR	7(2E)	MOTOR
-M2	1	30012636B0	ELECTRIC MOTOR	7(4E)	MOTOR
-M3	1	30012636B0	ELECTRIC MOTOR	7(6E)	MOTOR
-M11	4	3000205334	CABLE LUG	7(2F)	CABLE SHOES MOTOR
-M22	4	3000205334	CABLE LUG	7(3F)	CABLE SHOES MOTOR
-M23	4	3000205334	CABLE LUG	7(5F)	CABLE SHOES MOTOR
-R11	3	3000205334	CABLE LUG	7(7D)	BRAKE RESISTANCE
	8	3000457522	STRIP		BRAKE RESISTANCE
	1	3000660609	CABLE COVER		BRAKE RESISTANCE
	1	3000995310	SHRINKING TUBING		BRAKE RESISTANCE
	2	3001786327	SCREW		BRAKE RESISTANCE
	2	3001788146	WASHER		BRAKE RESISTANCE
	1	3001948614	JUNCTION BOX		BRAKE RESISTANCE
	14	3002129327	SCREW		BRAKE RESISTANCE
	14	3002138112	NUT		BRAKE RESISTANCE
	6	3002138114	NUT		BRAKE RESISTANCE
	7	3002175104	BRAKE RESISTANCE		BRAKE RESISTANCE
	4	3002261333	SCREW		BRAKE RESISTANCE
	1	9094804000	FLANGE		BRAKE RESISTANCE
	1	9097538102	COVER		BRAKE RESISTANCE
	1	9098222020	GROUND PLAIT		BRAKE RESISTANCE
	2	9102675007	JUMPER		BRAKE RESISTANCE
-R12	3	3000205334	CABLE LUG	7(8D)	BRAKE RESISTANCE
	8	3000457522	STRIP		BRAKE RESISTANCE
	1	3000660609	CABLE COVER		BRAKE RESISTANCE
	1	3000995310	SHRINKING TUBING		BRAKE RESISTANCE
	2	3001786327	SCREW		BRAKE RESISTANCE
	2	3001788146	WASHER		BRAKE RESISTANCE
	1	3001948614	JUNCTION BOX		BRAKE RESISTANCE
	14	3002129327	SCREW		BRAKE RESISTANCE
	14	3002138112	NUT		BRAKE RESISTANCE
	6	3002138114	NUT		BRAKE RESISTANCE
	7	3002175104	BRAKE RESISTANCE		BRAKE RESISTANCE
	4	3002261333	SCREW		BRAKE RESISTANCE
	1	9094804000	FLANGE		BRAKE RESISTANCE
	1	9097538102	COVER		BRAKE RESISTANCE

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F										Designed MBO Drawn MBO Date 2006-04-03 Scale - Approved - Date 2006-04-03 Source S ? Id.no. 807160 / YA___001 Pages 14 Next page 2 Page 1	
B											
Proj.	Rev.	Modification	By	Date							



SC-650 HOIST
C-EQUIPMENT
+C
ITEM LIST

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ITEM	QTY.	PART NO.	DESIGNATION	DWG. REF.	REMARK	
A	-R12	1	9098222020	GROUND PLAIT	7(8D)	BRAKE RESISTANCE
		2	9102675007	JUMPER		BRAKE RESISTANCE
	-S1	1	3000263950	LIMIT SWITCH	11(5A)	MAIN LIMIT SWITCH
		1	9096825000	BRACKET		MAIN LIMIT SWITCH
	-S2	1	3000938101	LIMIT SWITCH	11(6A)	SAFETY DEVICE
	-S3	1	3000263950	LIMIT SWITCH	11(2D)	DOOR A
	-S4	1	3000263950	LIMIT SWITCH	11(3D)	DOOR B
	-S5	1	3000263950	LIMIT SWITCH	11(4D)	DOOR C
B	-S13	1	3000263902	LIMIT SWITCH	11(7A)	TRAP DOOR
	-S21	1	3000263956	LIMIT SWITCH	13(3A)	LIMIT SWITCH
		1	9096825000	BRACKET		LIMIT SWITCH
	-S24	1	3000799310	FRAME CONTACT	11(5B)	CAR LOCK
	-S29	1	3000263956	LIMIT SWITCH	10(3E)	REF & SLOW DOWN
		1	9096825100	BRACKET		REF & SLOW DOWN
	-W115	5	3000158531	CABLE	11(2D)	DOOR A
		2	3000530820	CABLE GLAND		DOOR A
C	-W116	6	3000158531	CABLE	11(3D)	DOOR B
		2	3000530820	CABLE GLAND		DOOR B
	-W117	5	3000158531	CABLE	11(4D)	DOOR C
		2	3000530820	CABLE GLAND		DOOR C
	-W122	1	3000180432	LOCKNUT	7(7D)	BRAKE RESISTANCE
		1	3000530832	CABLE GLAND		BRAKE RESISTANCE
		1	3001660232	CABLE GLAND		BRAKE RESISTANCE
		3	3001693151	CABLE		BRAKE RESISTANCE
D	-W123	1	3000180432	LOCKNUT	7(8C)	BRAKE RESISTANCE
		1	3000530832	CABLE GLAND		BRAKE RESISTANCE
		1	3001660232	CABLE GLAND		BRAKE RESISTANCE
		3	3001693151	CABLE		BRAKE RESISTANCE
	-W127	5	3000158511	CABLE	11(7A)	TRAP DOOR
		2	3000530820	CABLE GLAND		TRAP DOOR
	-W132	4	3000158511	CABLE	11(5A)	MAIN LIMIT SWITCH
		2	3000530820	CABLE GLAND		MAIN LIMIT SWITCH
E	-W133	4	3000158511	CABLE	11(6A)	SAFETY DEVICE
		2	3000530820	CABLE GLAND		SAFETY DEVICE
	-W145	5	3000158511	CABLE	11(5B)	CAR STOP
		1	3000530816	CABLE GLAND		CAR STOP
		1	3000530820	CABLE GLAND		CAR STOP
	-W148	4	3000158531	CABLE	13(3A)	LIMIT SWITCH
		2	3000530820	CABLE GLAND		LIMIT SWITCH

F												SC-650 HOIST C-EQUIPMENT +C ITEM LIST		Designed MBO Drawn MBO Date 2006-04-03 Scale - Approved - Date 2006-04-03 Source S ? Id.no. 807160 / YA___002 Pages 14 Next page 3 Page 2	
B															
Proj.	Rev.	Modification	By	Date											

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ITEM	QTY.	PART NO.	DESIGNATION	DWG. REF.	REMARK
-W164	2	3000158532	CABLE	7(7B)	
	1	3000530820	CABLE GLAND		
-W171	1	3000530816	CABLE GLAND	9(7C)	PULSE ENCODER
	1	3001964168	CABLE		PULSE ENCODER
-W172	1	3000177350	REDUCING	9(8C)	PULSE ENCODER
	1	3000530816	CABLE GLAND		PULSE ENCODER
	1	3001964226	CABLE		PULSE ENCODER
-W185	4	3000158531	CABLE	10(3E)	REF & SLOW DOWN
	2	3000530820	CABLE GLAND		REF & SLOW DOWN
-W201	2	3001660240	CABLE GLAND	7(2E)	MOTOR
	3	3001693152	CABLE		MOTOR
-W202	2	3001660240	CABLE GLAND	7(4E)	MOTOR
	3	3001693152	CABLE		MOTOR
-W203	2	3001660240	CABLE GLAND	7(5E)	MOTOR
	3	3001693152	CABLE		MOTOR
-W255	5	3000159531	CONNECTING WIRE	7(2A)	V-PANEL POWER
	5	3000159532	CONNECTING WIRE		V-PANEL POWER
	5	3000159535	CONNECTING WIRE		V-PANEL POWER
	5	3000159536	CONNECTING WIRE		V-PANEL POWER
	30	3000159592	CONNECTING WIRE		V-PANEL POWER
	5	3000159599	CONNECTING WIRE		V-PANEL POWER
	4	3001660670	FLEXIBLE PLASTIC CONDUIT		V-PANEL POWER
	2	3001660790	HOSE JOINT		V-PANEL POWER
-W256	4	3001660670	FLEXIBLE PLASTIC CONDUIT	12(2B)	
	2	3001660790	HOSE JOINT		
	5	3002103093	CABLE		
-X32	1	3001350205	OUTLET	7(6B)	OUTLET
-X97	1	3001179307	INSERT FEMALE	11(2A)	
	1	3001179389	HOUSE	10(3C)	
-X99	1	3001179208	INSERT FEMALE	7(2A)	
	1	3001179389	HOUSE		

F								Designed MBO Drawn MBO Date 2006-04-03 Scale - Approved - Date 2006-04-03 Source S ? Id.no. 807160 / YA___003 Pages 14 Next page 4 Page 3	
B									
Proj.	Rev.	Modification	By	Date			SC-650 HOIST C-EQUIPMENT +C ITEM LIST		

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ITEM	QTY.	PART NO.	DESIGNATION	DWG. REF.	REMARK
-A1	1	9095024000	PANEL	17(6F)	PANEL
-A3	1	9081540000	ASSEMBLY ACCESSORIES		MOUNTING PLATE
	1	9081540004	ASSEMBLY ACCESSORIES		MOUNTING PLATE
	1	9096974000	MOUNTING PLATE		MOUNTING PLATE
-A5	1	9095024014	DOOR	17(3F)	PANEL DOOR
-A7	1	3002195006	CONTROL PANEL	16(1D)	PLASTLÅDA
-A11	4	3002022449	SCREW	17(4F)	FLANGE
	4	3002138118	NUT		FLANGE
	1	9081426150	ASSEMBLY ACCESSORIES		FLANGE
	1	9081426550	ASSEMBLY ACCESSORIES		FLANGE
	1	9095048010	FLANGE		FLANGE
-A12	4	3002022449	SCREW		FLANGE
	4	3002138118	NUT		FLANGE
	1	9081426550	ASSEMBLY ACCESSORIES		FLANGE
	1	9095048003	FLANGE		FLANGE
-A13	2	3002301105	CORROSION PROTECTION	17(5E)	CORR.PROTECTION
-A31	1	9081426601	ASSEMBLY ACCESSORIES	17(6E)	TERMINAL MARKING
-A33	2	3000500810	MARKING	17(6D)	1-16, 1-10
-A41	1	9080737104	SIGN	17(5D)	DECALS
	1	9080737112	SIGN		DECALS
	1	9081538101	SIGN		DECALS
-A51	1	9081540011	ASSEMBLY ACCESSORIES	17(3F)	ASSEMBLY ACCESSORIES
-A52	1	3001719915	LOCKHANDLE	17(3B)	LOCKHANDLE
-A70	8	3002129325	SCREW	17(2D)	TORKS M5x10
-A71	1	9080586230	SIGN	16(1D)	SKYLT
-A72	3	3002140312	CAP		TÄCKPLUGG
-A73	2	3000500810	MARKING		1-16, 1-10
-A75	10	3000457023	STRIP		BUNTBAND
-A501	1	3000159599	CONNECTING WIRE	17(4A)	RK 16mm GNYE
-A502	6	3000159622	CONNECTING WIRE		RK 35mm BK
-A503	2	3000159572	CONNECTING WIRE		RK 6mm BK
-A521	50	3000159532	CONNECTING WIRE		RK 1mm BK
-A522	10	3000159537	CONNECTING WIRE		RK 1mm BU
-A523	8	3000159539	CONNECTING WIRE		RK 1mm YG
-A524	1	3000159531	CONNECTING WIRE		RK 1mm WH
-A525	20	3000159538	CONNECTING WIRE		RK 1mm GY
-A527	1	3000159534	CONNECTING WIRE		RK 1mm RD
-D11	1	3002218231	CPU-UNIT	10(6A)	CPU
-E1	1	3000180320	NUT	8(5D)	LIGHT IN CAR

F								SC-650 HOIST M-PANEL +C+M ITEM LIST		Designed MBO Drawn MBO Date 2006-04-03 Scale - Approved - Date 2006-04-03 Source S ? Id.no. 807160 / YA___004 Pages 14 Next page 5 Page 4		
B	Rev.	Modification	By	Date								

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ITEM	QTY.	PART NO.	DESIGNATION	DWG. REF.	REMARK
-E1	1	3000183320	END PLUG	8(5D)	LIGHT IN CAR
	1	3000693135	LIGHT FITTING		LIGHT IN CAR
	2	3000815111	FLUORESCENT TUBE		LIGHT IN CAR
-E3	1	3000589100	LIGHT FITTING	9(3C)	EMERGENCY LIGHT
-F6	1	3001860110	MINIATURE CIRCUIT BREAKER	6(6D)	FUSE
-F53	1	3001590011	GROUND FAULT BREAKER	6(5D)	
-G11	1	3001187330	BATTERY	9(3D)	BATTERY
	1	3001425105	BELT		BATTERY
	1	9029769000	BATTERY BOX		BATTERY
-H1	1	3000377201	BUZZER	9(2D)	SIGNAL
-H20	1	3002218219	LANDING INDICATOR	9(4C)	LEVEL INDICATOR
-K2	1	3000808213	MINIATURE RELAY	13(7B)	UP
	1	3000808215	RELAY SOCKET		UP
-K3	1	3000808213	MINIATURE RELAY	13(6B)	DOWN
	1	3000808215	RELAY SOCKET		DOWN
-K10	1	3001859406	PHASE FAILURE RELAY	6(6B)	PHASE FAILURE RELAY
-K30	1	3000808213	MINIATURE RELAY	13(6B)	DROP TEST UP
	1	3000808215	RELAY SOCKET		DROP TEST UP
-K41	1	3000808231	MINIATURE RELAY	10(5E)	RET. UP
	1	3000808235	RELAY SOCKET		RET. UP
-K42	1	3000808231	MINIATURE RELAY	10(5F)	RET. DOWN
	1	3000808235	RELAY SOCKET		RET. DOWN
-P1	1	3001053301	TIME METER	13(4B)	TIME METER
-Q11	1	3001986426	MAIN SWITCH	6(2D)	MAIN SWITCH
-Q21	1	3001864108	MOTOR CIRCUIT BREAKER	6(6B)	MOTOR CIRCUIT BREAKER
-S104	1	3001356302	ALTERATION SWITCH	10(1A)	NORM/INSP
-S106	1	3002071801	ILLUMINATED PUSH BUTTON	10(5A)	STOP NEXT LANDING
	1	3002071830	CONTACT BLOCK		STOP NEXT LANDING
	1	3002071840	LAMP BLOCK		STOP NEXT LANDING
	1	3002071860	BRACKET		STOP NEXT LANDING
	1	3002071863	MEMBRANE		STOP NEXT LANDING
	1	3002077235	BUTTON LENS		STOP NEXT LANDING
-S111	1	3002071800	PUSH BUTTON	9(2B)	SIGNAL
	2	3002071830	CONTACT BLOCK		SIGNAL
	1	3002071831	CONTACT BLOCK		SIGNAL
	1	3002071860	BRACKET		SIGNAL
	1	3002071863	MEMBRANE		SIGNAL
	1	3002077103	BUTTON PLATE		SIGNAL
-S112	1	3002071802	ALTERATION SWITCH	8(5B)	LIGHT IN CAR

F										SC-650 HOIST M-PANEL +C+M ITEM LIST		Designed MBO Drawn MBO Date 2006-04-03 Scale - Approved - Date 2006-04-03 Source S ? Id.no. 807160 / YA___005 Pages 14 Next page 6 Page 5	
B	Proj.	Rev.	Modification	By	Date								

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ITEM	QTY.	PART NO.	DESIGNATION	DWG. REF.	REMARK
-S112	3	3002071830	CONTACT BLOCK	8(5B)	LIGHT IN CAR
	1	3002071860	BRACKET		LIGHT IN CAR
-S122	1	3002071804	MUSHROOM PUSH BUTTON	11(1A)	STOP IN CAGE
	1	3002071831	CONTACT BLOCK		STOP IN CAGE
	1	3002071860	BRACKET		STOP IN CAGE
-S128	1	3001292405	JOYSTICK	10(4A)	CONTROLLER
-T1	1	3001296161	TRANSFORMER	6(6D)	TRANSFORMER
-W151	4	3000158511	CABLE	8(6D)	LIGHT IN CAR
	1	3000180320	NUT		LIGHT IN CAR
	2	3000530820	CABLE GLAND		LIGHT IN CAR
-W455	2	3002112536	CABLE	9(5C)	H05VVC4V5-K 7G0,75
-X1	74	3000275105	TERMINAL	11(6D)	M-PANEL
	3	3000275125	TERMINAL	6(2E)	M-PANEL
	1	3000275150	END PLATE	6(3E)	M-PANEL
	1	3000275155	END PLATE	6(2E)	M-PANEL
	2	3000376141	END SUPPORT		M-PANEL
-X2	12	3000274550	TERMINAL	13(5B)	M-PANEL
	3	3000275125	TERMINAL	6(7A)	M-PANEL
	1	3000275155	END PLATE		M-PANEL
	4	3000376141	END SUPPORT	8(2A)	M-PANEL
	1	3000499182	END PLATE		M-PANEL
-X3	1	3000274550	TERMINAL	11(3E)	M-PANEL
	2	3000376141	END SUPPORT	11(2E)	M-PANEL
	1	3000499182	END PLATE		M-PANEL
-X5	1	3000275246	TERMINAL	9(6D)	
-X9	11	3000274550	TERMINAL	13(5A)	M-PANEL
	2	3000376141	END SUPPORT	6(7B)	M-PANEL
	1	3000499182	END PLATE		M-PANEL
-X10	1	3000376128	OUTLET	8(4C)	DROPTTEST OUTLET
-X11	1	3001936086	OUTLET	10(6A)	PANEL
-X12	1	3001936096	PLUG	10(4A)	DOOR
-X13	1	3001936074	OUTLET	8(6B)	PANEL
-X14	1	3001936084	PLUG		DOOR
-X21	1	3000015152	NEUTRAL TERMINAL	6(6D)	
-X22	1	3000015152	NEUTRAL TERMINAL	6(7D)	
-X70	1	3000183218	END PLUG	11(5B)	PLUG
	1	3001179203	INSERT MALE	11(2B)	PLUG
	1	3001179258	COVER		PLUG
-X71	1	3001179204	INSERT FEMALE		M-PANEL

F								SC-650 HOIST M-PANEL +C+M ITEM LIST		Designed MBO Drawn MBO Date 2006-04-03 Scale - Approved - Date 2006-04-03 Source S ? Id.no. 807160 / YA___006 Pages 14 Next page 7 Page 6	
B											
Proj.	Rev.	Modification	By	Date							

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ITEM	QTY.	PART NO.	DESIGNATION	DWG. REF.	REMARK	
A	-A1	1	9101503000	PANEL	19(4E)	PANEL
	-A2	1	9101503011	DOOR		DOOR
	-A3	1	9081540200	ASSEMBLY ACCESSORIES	19(5E)	MOUNTING PLATE + MONT ASS
		1	9096974025	MOUNTING PLATE		MOUNTING PLATE + MONT ASS
	-A9	1	9080737070	SIGN	19(4A)	SIGN
	-A11	6	3002022449	SCREW	19(3D)	FLANGE
		6	3002138118	NUT		FLANGE
		1	9081540560	ASSEMBLY ACCESSORIES		FLANGE
B		1	9095048101	FLANGE		FLANGE
	-A12	1	9101512000	COVER	19(5A)	COVER CHOPPER OUTLET
	-A13	3	3002301105	CORROSION PROTECTION	19(7E)	CORR. PROTECTION
	-A31	1	9081426616	ASSEMBLY ACCESSORIES	19(5E)	TERMINAL MARKING
	-A51	1	9081426230	ASSEMBLY ACCESSORIES	19(2A)	ASSEMBLY ACCESSORIES
	-A91	2	9028518101	DECAL	19(2D)	DECAL
C	-A500	5	3000159632	CONNECTING WIRE	7(1B)	RK 50mm BK
	-A501	4	3000159599	CONNECTING WIRE		RK 16mm GNYE
	-A502	16	3000159592	CONNECTING WIRE		RK 16mm BK
	-A503	3	3000159582	CONNECTING WIRE		RK 10mm BK
	-A521	25	3000159532	CONNECTING WIRE		RK 1mm BK
	-A522	4	3000159537	CONNECTING WIRE		RK 1mm BU
	-A523	4	3000159539	CONNECTING WIRE		RK 1mm YG
	-A524	7	3000159510	CONNECTING WIRE		RK 1mm CY
	-A525	10	3000159538	CONNECTING WIRE		RK 1mm GY
D	-A526	5	3000159533	CONNECTING WIRE		RK 1mm OG
	-E11	1	3001648312	HEATER	8(3B)	HEATER
	-F55	1	3001590250	GROUND FAULT BREAKER	7(6B)	GFI
	-K2	1	3000808213	MINIATURE RELAY	13(7C)	UP
		1	3000808215	RELAY SOCKET		UP
	-K3	1	3000808213	MINIATURE RELAY		DOWN
		1	3000808215	RELAY SOCKET		DOWN
E	-K4	1	3002192065	CONTACTOR	13(7D)	BRAKE CONTACTOR
		2	3002192451	AUXILIARY CONTACT BLOCK		BRAKE CONTACTOR
		2	3002192452	AUXILIARY CONTACT BLOCK		BRAKE CONTACTOR
		1	3002192528	INTERFERENCE PROTECTION		BRAKE CONTACTOR
	-K5	1	3002192207	CONTACTOR	13(6E)	OPERATION CONTACTOR 1
		2	3002192227	PROTECTION		OPERATION CONTACTOR 1
		6	3002192228	CABLE CONNECTION		OPERATION CONTACTOR 1
		1	3002192458	AUXILIARY CONTACT BLOCK		OPERATION CONTACTOR 1
		2	3002192459	AUXILIARY CONTACT BLOCK		OPERATION CONTACTOR 1

F								SC-650 HOIST V-PANEL +C+V ITEM LIST		Designed MBO Drawn MBO Date 2006-04-03 Scale - Approved - Date 2006-04-03 Source S ? Id.no. 807160 / YA___008 Pages 14 Next page 9 Page 8		
B	Rev.	Modification	By	Date								

1		2		3		4		5		6		7		8		
ITEM	QTY.	PART NO.	DESIGNATION						DWG. REF.	REMARK						
A	-K5	1	3002192527	INTERFERENCE PROTECTION						13(6E)	OPERATION CONTACTOR 1			A		
	-K6	1	3002192207	CONTACTOR						13(6F)	OPERATION CONTACTOR 2					
		2	3002192227	PROTECTION							OPERATION CONTACTOR 2					
		6	3002192228	CABLE CONNECTION							OPERATION CONTACTOR 2					
		1	3002192458	AUXILIARY CONTACT BLOCK							OPERATION CONTACTOR 2					
		2	3002192459	AUXILIARY CONTACT BLOCK							OPERATION CONTACTOR 2					
		1	3002192527	INTERFERENCE PROTECTION							OPERATION CONTACTOR 2					
B	-K11	1	3002192521	THERMAL RELAY						7(2E)	TMR			B		
		1	3002192553	RELAY SOCKET							TMR					
	-K12	1	3002192521	THERMAL RELAY						7(4E)	TMR					
		1	3002192553	RELAY SOCKET							TMR					
	-K13	1	3002192521	THERMAL RELAY						7(6E)	TMR					
		1	3002192553	RELAY SOCKET							TMR					
	-K54	1	3000808231	MINIATURE RELAY						10(4C)	SPEED 1					
		1	3000808235	RELAY SOCKET							SPEED 1					
C	-K55	1	3000808231	MINIATURE RELAY						10(4D)	SPEED 2			C		
		1	3000808235	RELAY SOCKET							SPEED 2					
	-K56	1	3000808233	MINIATURE RELAY						12(4D)	BRAKE					
		1	3000808235	RELAY SOCKET							BRAKE					
	-K57	1	3000808233	MINIATURE RELAY						12(4E)	MOTOR RUNNING					
		1	3000808235	RELAY SOCKET							MOTOR RUNNING					
	-Q22	1	3001864111	MOTOR CIRCUIT BREAKER						7(6A)	MCCB					
	-R1	1	3000271119	VARISTOR						8(2E)	VARISTOR					
D	-R2	1	3000271119	VARISTOR						8(3E)	VARISTOR			D		
	-R3	1	3000271119	VARISTOR						8(4E)	VARISTOR					
	-R10	1	3000271119	VARISTOR						8(2D)	VARISTOR					
	-R20	1	3000867377	RESISTOR						7(7B)	RESISTOR					
	-S41	1	3001190440	THERMOSTAT						8(3B)	THERMOSTAT					
	-S102	1	3002071800	PUSH BUTTON						10(4C)	INSP. UP					
		2	3002071830	CONTACT BLOCK							INSP. UP					
		1	3002071831	CONTACT BLOCK							INSP. UP					
E		1	3002071860	BRACKET							INSP. UP			E		
		1	3002071863	MEMBRANE							INSP. UP					
		1	3002077101	BUTTON PLATE							INSP. UP					
	-S103	1	3002071800	PUSH BUTTON							INSP. DOWN					
		2	3002071830	CONTACT BLOCK							INSP. DOWN					
		1	3002071831	CONTACT BLOCK							INSP. DOWN					
		1	3002071860	BRACKET							INSP. DOWN					
		1	3002071863	MEMBRANE							INSP. DOWN					
F											Designed MBO		Drawn MBO		Date 2006-04-03	
											Scale -		Approved -		Date 2006-04-03	
B											Source S		? Id.no.		807160 / YA___009	
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SC-650 HOIST
V-PANEL
+C+V
ITEM LIST

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ITEM	QTY.	PART NO.	DESIGNATION	DWG. REF.	REMARK
-S103	1	3002077102	BUTTON PLATE	10(4C)	INSP. DOWN
-S121	1	3002071804	MUSHROOM PUSH BUTTON	11(3A)	STOP
	1	3002071831	CONTACT BLOCK		STOP
	1	3002071860	BRACKET		STOP
	1	3002077307	SIGN		STOP
-U1	12	3002022449	SCREW	7(2C)	M8x16 SCREWS
	1	3002120032	FREQUENCY CONVERTER		VFC
-U11	1	3000600160	RECTIFIER UNIT	8(2D)	RECTIFIER
	2	3001785222	SCREW		RECTIFIER
	2	3001931155	SCREW		RECTIFIER
	1	9097329030	COVER		RECTIFIER
-W450	2	3002112536	CABLE	7(4C)	H05VVC4V5-K 7G0,75
-X1	2	3000274550	TERMINAL	8(2B)	V-PANEL
	2	3000376141	END SUPPORT		V-PANEL
	1	3000499182	END PLATE		V-PANEL
-X2	6	3000275105	TERMINAL	8(3E)	V-PANEL
	3	3000275110	TERMINAL	7(6B)	V-PANEL
	1	3000275150	END PLATE	8(2E)	V-PANEL
	4	3000376141	END SUPPORT	7(6B)	V-PANEL
-X9	2	3000274550	TERMINAL	12(4E)	V-PANEL
	2	3000376141	END SUPPORT	12(3E)	M-PANEL
	1	3000499182	END PLATE		M-PANEL
-X12	5	3000275246	TERMINAL	12(3C)	V-PANEL
-X98	1	3001179317	INSERT MALE	13(5C)	
	1	3001179390	HOUSE	10(5C)	
-X100	1	3001179209	INSERT MALE	8(2B)	
	1	3001179390	HOUSE	8(3C)	

Proj.	Rev.	Modification	By	Date

SC-650 HOIST
V-PANEL
+C+V
ITEM LIST

Designed	MBO	Drawn	MBO	Date	2006-04-03
Scale	-	Approved	-	Date	2006-04-03
Source	S	Id.no.	?	807160 / YA___010	
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ITEM	QTY.	PART NO.	DESIGNATION	DWG. REF.	REMARK	
A	-A1	1	9095063000	PANEL	18(8D)	PANEL
	-A3	1	9081540100	ASSEMBLY ACCESSORIES	18(1D)	PLATE & ASSEMBLY ACCESORI
		1	9096974015	MOUNTING PLATE		PLATE & ASSEMBLY ACCESORI
	-A5	1	9095063010	DOOR	18(7D)	DOOR
	-A9	1	9080737144		18(6A)	DECALS B-PANEL
		1	9080737152	SIGN		DECALS B-PANEL
	-A11	4	3002022449	SCREW	18(5E)	FLANGE
		4	3002138118	NUT		FLANGE
B		1	9081540550	ASSEMBLY ACCESSORIES		FLANGE
		1	9095048012	FLANGE		FLANGE
	-A15	1	3002301105	CORROSION PROTECTION	18(1C)	CORR. PROTECTION
	-A31	1	9081426605	ASSEMBLY ACCESSORIES		TERMINAL MARKINGS
	-A51	1	9081426111	ASSEMBLY ACCESSORIES	18(7D)	ASSEMBLY ACCESSORIES
	-A111	1	9081426150	ASSEMBLY ACCESSORIES	18(5E)	PLUGS
	-A112	1	9070809000	ASSEMBLY ACCESSORIES		CABLE GLAND
C	-A501	4	3000159622	CONNECTING WIRE	18(1F)	RK 35mm BK
	-A505	1	3000159599	CONNECTING WIRE		RK 16mm YG
	-A521	20	3000159532	CONNECTING WIRE	18(1E)	RK 1mm BK
	-A522	4	3000159537	CONNECTING WIRE		RK 1mm BU
	-A523	2	3000159539	CONNECTING WIRE		RK 1mm YG
	-A524	2	3000159531	CONNECTING WIRE		RK 1mm WH
	-A525	2	3000159533	CONNECTING WIRE		RK 1mm OG
	-A531	2	3000159572	CONNECTING WIRE	18(1F)	RK 6mm BK
D	-F6	1	3001860110	MINIATURE CIRCUIT BREAKER	3(4D)	FUSE
	-F53	1	3001590011	GROUND FAULT BREAKER	3(4E)	
	-F55	1	3001590610	GROUND FAULT RELAY	3(3C)	RESIDUAL CURRENT RELAY
	-K11	1	3002192356	CONTACTOR	3(3B)	
		1	3002192451	AUXILIARY CONTACT BLOCK		
	-K40	1	3000808233	MINIATURE RELAY	4(2C)	SAFETY OK
		1	3000808235	RELAY SOCKET		SAFETY OK
	-K41	1	3000808213	MINIATURE RELAY		LANDING DOORS LOCKED
E		1	3000808215	RELAY SOCKET		LANDING DOORS LOCKED
	-K42	1	3000808213	MINIATURE RELAY	4(3C)	
		1	3000808215	RELAY SOCKET		
	-K43	1	3000808233	MINIATURE RELAY	4(4C)	
		1	3000808235	RELAY SOCKET		
		1	3001172143	CAPACITOR		
	-K44	1	3000808233	MINIATURE RELAY	4(6E)	SIGNAL
		1	3000808235	RELAY SOCKET		SIGNAL

F						SC-650 HOIST		Designed MBO		Drawn MBO		Date 2006-04-03			
B						+H+B		-		Approved -		Date 2006-04-03			
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1	2	3	4	5	6	7	8
TERMINAL NO.	DWG. REF.	JUMPER	CABLE/WIRE	MARKING	ITEM	CONN.	REMARK
-X1 :101	6(2E)		-	+H+J-W51 1	+H+J-X1	:101	
:102	6(2E)		-	+H+J-W51 2	+H+J-X1	:102	
:103	6(2E)		-	+H+J-W51 3	+H+J-X1	:103	
:111	6(3E)		-	+H+J-W52 1	+H+J-X1	:111	
:112	6(3E)		-	+H+J-W52 2	+H+J-X1	:112	
:113	6(3E)		-	+H+J-W52 3	+H+J-X1	:113	
:114	6(3E)		-	+H+J-W52 4	+H+J-X1	:114	
:115	6(3E)		-	+H+J-W52 5	+H+J-X1	:115	
:116	6(3E)		-	+H+J-W52 6	+H+J-X1	:116	
:117	6(3E)		-	+H+J-W52 7	+H+J-X1	:117	
:118	6(3E)		-	+H+J-W52 8	+H+J-X1	:118	
:119	6(4E)		-	+H+J-W52 9	+H+J-X1	:119	
:120	6(4E)		-	+H+J-W52 10	+H+J-X1	:120	
:121	6(4E)		-	+H+J-W52 11	+H+J-X1	:121	
:122	6(4E)		-	+H+J-W52 12	+H+J-X1	:122	
:123	6(5E)		-	+H+J-W52 13	+H+J-X1	:123	
:124	6(4E)		-	+H+J-W52 14	+H+J-X1	:124	
:125	6(4E)		-	+H+J-W52 15	+H+J-X1	:125	
:475	8(5D)		H05VV5-F 3G1.5	+C+M-W151 1	+C+M-E1	:L	LIGHT IN CAR

Proj.	Rev.	Modification	By	Date
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SC-650 HOIST
M-PANEL
+C+M
EXTERNAL CONN. LIST

Designed	MBO	Drawn	MBO	Date	2006-04-03
Scale	-	Approved	-	Date	2006-04-03
Source	S	?	Id.no.	807160 / YB___001	
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1	2	3	4	5	6	7	8
TERMINAL NO.	DWG. REF.	JUMPER	CABLE/WIRE	MARKING	ITEM	CONN.	REMARK
-X1 :476	8(6D)		H05VV5-F 3G1.5	+C+M-W151 2	+C+M-E1	:N	LIGHT IN CAR
:501	11(5A)		H05VV5-F 3G1.5	+C-W132 1	+C-S1	:21	MAIN LIMIT SWITCH
:502	11(6A)		H05VV5-F 3G1.5	+C-W132 2	+C-S1	:22	MAIN LIMIT SWITCH
:503	11(6A)		H05VV5-F 3G1.5	+C-W133 1	+C-S2	:21	SAFETY DEVICE
:504	11(7A)		H05VV5-F 3G1.5	+C-W133 2	+C-S2	:22	SAFETY DEVICE
:505	11(6B)		H05VV5-F 3G1.5	+C-W145 1	+C-S24	:10	CAR LOCK
:506	11(5B)		H05VV5-F 3G1.5	+C-W145 2	+C-S24	:11	CAR LOCK
:511	11(2D)		H05VV5-F 5G1.5	+C-W115 1	+C-S3	:11	DOOR A
:512	11(3D)		H05VV5-F 5G1.5	+C-W115 2	+C-S3	:12	DOOR A
:513	11(2D)		H05VV5-F 5G1.5	+C-W115 3	+C-S3	:21	DOOR A
:514	11(3D)		H05VV5-F 5G1.5	+C-W115 4	+C-S3	:22	DOOR A
:515	11(3D)		H05VV5-F 5G1.5	+C-W116 1	+C-S4	:11	DOOR B
:516	11(4D)		H05VV5-F 5G1.5	+C-W116 2	+C-S4	:12	DOOR B
:517	11(3D)		H05VV5-F 5G1.5	+C-W116 3	+C-S4	:21	DOOR B
:518	11(4D)		H05VV5-F 5G1.5	+C-W116 4	+C-S4	:22	DOOR B
:519	11(4D)		H05VV5-F 5G1.5	+C-W117 1	+C-S5	:11	DOOR B
:520	11(5D)		H05VV5-F 5G1.5	+C-W117 2	+C-S5	:12	DOOR B
:521	11(4D)		H05VV5-F 5G1.5	+C-W117 3	+C-S5	:21	DOOR C
:522	11(5D)		H05VV5-F 5G1.5	+C-W117 4	+C-S5	:22	DOOR C

Proj.	Rev.	Modification	By	Date
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SC-650 HOIST
M-PANEL
+C+M
EXTERNAL CONN. LIST

Designed	MBO	Drawn	MBO	Date	2006-04-03
Scale	-	Approved	-	Date	2006-04-03
Source	S	?	Id.no.	807160 / YB_002	
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1	2	3	4	5	6	7	8
TERMINAL NO.	DWG. REF.	JUMPER	CABLE/WIRE	MARKING	ITEM	CONN.	REMARK
-X1 :523	11(3E)]					
:524	11(4E)						
:525	11(4E)						
:526	11(4E)]					
:527	11(5E)						
:528	11(5E)						
:529	11(5E)]					
:530	11(6E)						
:531	11(6E)						
:535	11(7A)		H05VV5-F 3G1.5	+C-W127 1	+C-S13	:21	TRAP DOOR
:536	11(8A)		H05VV5-F 3G1.5	+C-W127 2	+C-S13	:22	TRAP DOOR
:541	13(3A)		H05VV5-F 5G1.5	+C-W148 1	+C-S21	:11	LIMIT SWITCH
:542	13(4A)		H05VV5-F 5G1.5	+C-W148 2	+C-S21	:12	LIMIT SWITCH
:543	13(3A)		H05VV5-F 5G1.5	+C-W148 3	+C-S21	:21	LIMIT SWITCH
:544	13(4A)		H05VV5-F 5G1.5	+C-W148 4	+C-S21	:22	LIMIT SWITCH
:545	10(3E)		H05VV5-F 5G1.5	+C-W185 1	+C-S29	:11	REF & SLOW DOWN
:546	10(4E)		H05VV5-F 5G1.5	+C-W185 2	+C-S29	:12	REF & SLOW DOWN
:547	10(3E)		H05VV5-F 5G1.5	+C-W185 3	+C-S29	:21	REF & SLOW DOWN
:548	10(4E)		H05VV5-F 5G1.5	+C-W185 4	+C-S29	:22	REF & SLOW DOWN

Proj.	Rev.	Modification	By	Date
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SC-650 HOIST
M-PANEL
+C+M
EXTERNAL CONN. LIST

Designed	MBO	Drawn	MBO	Date	2006-04-03
Scale	-	Approved	-	Date	2006-04-03
Source	S	?	Id.no.	807160 / YB___003	
Pages	15	Next page	4	Page	3

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1	2	3	4	5	6	7	8
TERMINAL NO.	DWG. REF.	JUMPER	CABLE/WIRE	MARKING	ITEM	CONN.	REMARK
-X1 :553	11(5D)]					
:554	11(6D)						
:555	11(5D)]					
:556	11(6D)						
:557	11(6D)]					
:558	11(7D)						
:559	11(6D)]					
:560	11(7D)						
:581	11(8B)]					
:582	11(7B)						
:583	11(7B)]					
:584	11(6B)						
:601	8(7D)						
:602	8(7D)						
:603	8(7D)						
:604	8(7D)						
:605	8(8D)						
:606	8(8D)						
:641	9(2D)		1		+C+M-H1	:+	SIGNAL

Proj.	Rev.	Modification	By	Date
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SC-650 HOIST
M-PANEL
+C+M
EXTERNAL CONN. LIST

Designed	MBO	Drawn	MBO	Date	2006-04-03
Scale	-	Approved	-	Date	2006-04-03
Source	S	?	Id.no.	807160 / YB_...004	
Pages	15	Next page	5	Page	4

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1	2	3	4	5	6	7	8
TERMINAL NO.	DWG. REF.	JUMPER	CABLE/WIRE	MARKING	ITEM	CONN.	REMARK
-X1 :642	9(2D)		1		+C+M-H1	:-	SIGNAL
-X2 :201	6(7A)		HOSE 7G16+4X1	BC-W255 2	+C-X99	:2	
			HOSE 7G16+4X1	AC-W255 1	+C-X99	:1	
:202	6(7A)		HOSE 7G16+4X1	BC-W255 4	+C-X99	:4	
			HOSE 7G16+4X1	AC-W255 3	+C-X99	:3	
:203	6(7A)		HOSE 7G16+4X1	BC-W255 6	+C-X99	:6	
			HOSE 7G16+4X1	AC-W255 5	+C-X99	:5	
:301	12(2B)		27G1.5	+C-W256 1	+C-X97	:1	
:302	10(6C)		27G1.5	+C-W256 2	+C-X97	:2	
:303	10(3C)		27G1.5	+C-W256 3	+C-X97	:3	
:304	10(6C)		27G1.5	+C-W256 4	+C-X97	:4	
:305	10(6C)		27G1.5	+C-W256 5	+C-X97	:5	
:306	12(6C)		27G1.5	+C-W256 6	+C-X97	:6	
:307	10(3C)		27G1.5	+C-W256 7	+C-X97	:7	
:308	10(3D)		27G1.5	+C-W256 8	+C-X97	:8	
:311	12(6D)		27G1.5	+C-W256 11	+C-X97	:11	
:312	11(2A)		27G1.5	+C-W256 12	+C-X97	:12	
:313	11(4A)		27G1.5	+C-W256 13	+C-X97	:13	
:314	13(2F)		27G1.5	+C-W256 14	+C-X97	:14	
:315	13(2D)		27G1.5	+C-W256 15	+C-X97	:15	
:316	13(2D)		27G1.5	+C-W256 16	+C-X97	:16	
:317	13(5B)		27G1.5	+C-W256 17	+C-X97	:17	

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SC-650 HOIST
M-PANEL
+C+M
EXTERNAL CONN. LIST

Designed	MBO	Drawn	MBO	Date	2006-04-03
Scale	-	Approved	-	Date	2006-04-03
Source	S	Id.no.	?	807160 / YB___005	
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1	2	3	4	5	6	7	8
TERMINAL NO.	DWG. REF.	JUMPER	CABLE/WIRE	MARKING	ITEM	CONN.	REMARK
-X2 :318	13(5B)		27G1.5	+C-W256 18	+C-X97	:18	
:319	13(4B)		27G1.5	+C-W256 19	+C-X97	:19	
:320	13(4B)		27G1.5	+C-W256 20	+C-X97	:20	
:323	8(3A)		27G1.5	+C-W256 23	+C-X97	:23	
:324	8(3A)		27G1.5	+C-W256 24	+C-X97	:24	
:331	8(2A)		HOSE 7G16+4X1	+C-W255 BK	+C-X99	:13	
:332	8(2A)		HOSE 7G16+4X1	+C-W255 BN	+C-X99	:14	
:333	8(4C)		HOSE 7G16+4X1	+C-W255 VT	+C-X99	:15	
:334	8(4C)		HOSE 7G16+4X1	+C-W255 WH	+C-X99	:16	
-X3 :651	11(2E)		1		+C+M-X3	:652	M-PANEL
:652	11(3E)		1		+C+M-X3	:651	M-PANEL
-X5 :é	9(6D)		6x0.5	+C-W171 é	+C-X51	:	PULSE ENCODER
-X9 :901	6(7B)						
:902	6(7B)						
:903	6(7B)						
:904	8(6A)						
:905	8(6A)						
:906	6(6E)						
:907	6(6E)						

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ALIMAK

SC-650 HOIST
M-PANEL
+C+M
EXTERNAL CONN. LIST

Designed	MBO	Drawn	MBO	Date	2006-04-03
Scale	-	Approved	-	Date	2006-04-03
Source	S	?	Id.no.	807160 / YB___006	
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1	2	3	4	5	6	7	8
TERMINAL NO.	DWG. REF.	JUMPER	CABLE/WIRE	MARKING	ITEM	CONN.	REMARK
-X9 :908	6(7D)						
:909	6(7D)						
:910	6(7D)						
:911	6(7D)						
:912	6(7E)						
:914	9(3D)						
:915	9(2D)						
:919	10(2D)						
:927	13(5A)						
:928	13(5A)						
:931	11(7C)						
:932	11(7D)						
:934	11(7E)						
:941	9(4D)						
-D11 :4:1	9(7E)		6x0.5	+C-W171 BN	+C-X51	:2	PULE ENCODER
:4:2	9(7E)		6x0.5	+C-W171 WH	+C-X51	:1	PULE ENCODER
:4:3	9(7E)		6x0.5	+C-W171 GY	+C-X51	:5	PULE ENCODER
:4:4	9(7E)		6x0.5	+C-W171 YE	+C-X51	:4	PULE ENCODER
:4:5	9(7E)		6x0.5	+C-W171 GN	+C-X51	:3	PULE ENCODER

Proj.	Rev.	Modification	By	Date
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SC-650 HOIST
M-PANEL
+C+M
EXTERNAL CONN. LIST

Designed	MBO	Drawn	MBO	Date	2006-04-03
Scale	-	Approved	-	Date	2006-04-03
Source	S	?	Id.no.	807160 / YB___007	
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1	2	3	4	5	6	7	8
TERMINAL NO.	DWG. REF.	JUMPER	CABLE/WIRE	MARKING	ITEM	CONN.	REMARK
-U1 :C:1	7(5B)		3X0.5	+C-W172 WH	+C-X52	:2	PULSE ENCODER
:C:2	7(5B)		3X0.5	EC-W172 BN	+C+V-U1	:C:4	VFC
:C:3	7(5B)		3X0.5	+C-W172 BK	+C-X52	:4	PULSE ENCODER
:C:4	7(5B)		3X0.5	EC-W172 BN	+C+V-U1	:C:2	VFC
			3X0.5	BC-W172 BN	+C+V-U1	:C:9	VFC
:C:9	7(5B)		3X0.5	AC-W172 BN	+C-X52	:1	PULSE ENCODER
			3X0.5	BC-W172 BN	+C+V-U1	:C:4	VFC
:R+	7(6C)		4G10 0,6/1kV	BC-W123 1	+C-R12	:1	BRAKE RESISTANCE
			4G10 0,6/1kV	AC-W122 1	+C-R11	:1	BRAKE RESISTANCE
:R-	7(6C)		4G10 0,6/1kV	BC-W123 2	+C-R12	:2	BRAKE RESISTANCE
			4G10 0,6/1kV	AC-W122 2	+C-R11	:2	BRAKE RESISTANCE
:é	7(6B)		3X0.5	+C-W172 é	+C-X51	:	PULSE ENCODER
			4G10 0,6/1kV	BC-W123 YG	+C-R12	:	BRAKE RESISTANCE
:é'	7(6C)		4G10 0,6/1kV	AC-W122 YG	+C-R11	:	BRAKE RESISTANCE
-X1 :331	8(2B)						
:332	8(2B)						
:333	8(2C)						
:334	8(2C)						
-X2 :404	8(2E)		4G10+(2X0,75)+(2X1,0)	+C-W201 7	+C-M1	:60	MOTOR
:405	8(2E)		4G10+(2X0,75)+(2X1,0)	+C-W201 8	+C-M1	:61	MOTOR
:408	8(3E)		4G10+(2X0,75)+(2X1,0)	+C-W202 7	+C-M2	:60	MOTOR
			4G10+(2X0,75)+(2X1,0)	+C-W202 8	+C-M2	:61	MOTOR
:412	8(4E)		4G10+(2X0,75)+(2X1,0)	+C-W203 7	+C-M3	:60	MOTOR
:413	8(4E)		4G10+(2X0,75)+(2X1,0)	+C-W202 8	+C-M3	:61	MOTOR

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ALIMAK

SC-650 HOIST
V-PANEL
+C+V
EXTERNAL CONN. LIST

Designed	MBO	Drawn	MBO	Date	2006-04-03
Scale	-	Approved	-	Date	2006-04-03
Source	S	?	Id.no.	807160 / YB___008	
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1	2	3	4	5	6	7	8
TERMINAL NO.	DWG. REF.	JUMPER	CABLE/WIRE	MARKING	ITEM	CONN.	REMARK
-X2 :451	7(6B)		H05VV5-F 5G2.5	+C-W164 1	+C-X32	:L1	OUTLET
:452	7(6B)		H05VV5-F 5G2.5	+C-W164 2	+C-X32	:L2	OUTLET
:453	7(6B)		H05VV5-F 5G2.5	+C-W164 3	+C-X32	:L3	OUTLET
-X9 :906	12(3E)						
:907	12(4E)						
:916	13(6E)						
-K11 :2	7(2E)		4G10+(2X0,75)+(2X1,0)	+C-W201 1	+C-M1	:W	MOTOR
:4	7(2E)		4G10+(2X0,75)+(2X1,0)	+C-W201 2	+C-M1	:V	MOTOR
:6	7(2E)		4G10+(2X0,75)+(2X1,0)	+C-W201 3	+C-M1	:U	MOTOR
-K12 :2	7(4E)		4G10+(2X0,75)+(2X1,0)	+C-W202 1	+C-M2	:W	MOTOR
:2	7(6E)		4G10+(2X0,75)+(2X1,0)	+C-W203 1	+C-M3	:W	MOTOR
:4	7(4E)		4G10+(2X0,75)+(2X1,0)	+C-W202 2	+C-M2	:V	MOTOR
:4	7(6E)		4G10+(2X0,75)+(2X1,0)	+C-W203 2	+C-M3	:V	MOTOR
:6	7(4E)		4G10+(2X0,75)+(2X1,0)	+C-W202 3	+C-M2	:U	MOTOR
:6	7(6E)		4G10+(2X0,75)+(2X1,0)	+C-W203 3	+C-M3	:U	MOTOR
-X12 :é	7(4A)						
:é	7(4A)						
:é	7(3B)						
:é	7(4B)						

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SC-650 HOIST
V-PANEL
+C+V
EXTERNAL CONN. LIST

Designed	MBO	Drawn	MBO	Date	2006-04-03
Scale	-	Approved	-	Date	2006-04-03
Source	S	?	Id.no.	807160 / YB___009	
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1	2	3	4	5	6	7	8
TERMINAL NO.	DWG. REF.	JUMPER	CABLE/WIRE	MARKING	ITEM	CONN.	REMARK
-X1 :101	3(7A)		-	+H+J-W1 BK	+H+J-X1	:101	
:102	3(7A)		-	+H+J-W1 BU	+H+J-X1	:102	
:103	3(7A)		-	+H+J-W1 BN	+H+J-X1	:103	
:111	4(7B)		-	+H+J-W2 1	+H+J-X1	:111	
:112	4(7B)		-	+H+J-W2 2	+H+J-X1	:112	
:113	4(5C)		-	+H+J-W2 3	+H+J-X1	:113	
:114	4(7C)		-	+H+J-W2 4	+H+J-X1	:114	
:115	4(7D)		-	+H+J-W2 5	+H+J-X1	:115	
:116	4(7E)		-	+H+J-W2 6	+H+J-X1	:116	
:117	4(7E)		-	+H+J-W2 7	+H+J-X1	:117	
:118	4(7E)		-	+H+J-W2 8	+H+J-X1	:118	
:119	4(7E)		-	+H+J-W2 9	+H+J-X1	:119	
:120	4(5E)		-	+H+J-W2 10	+H+J-X1	:120	
:121	4(5D)		-	+H+J-W2 11	+H+J-X1	:121	
:122	4(7E)		-	+H+J-W2 12	+H+J-X1	:122	
:123	4(5E)		-	+H+J-W2 13	+H+J-X1	:123	
:124	4(7F)		-	+H+J-W2 14	+H+J-X1	:124	
:125	4(7C)		-	+H+J-W2 15	+H+J-X1	:125	
:126	4(7F)		-	+H+J-W2 16	+H+J-X1	:126	

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ALIMAK

SC-650 HOIST
B-PANEL
+H+B
EXTERNAL CONN. LIST

Designed	MBO	Drawn	MBO	Date	2006-04-03
Scale	-	Approved	-	Date	2006-04-03
Source	S	?	Id.no.	807160 / YB___011	
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1	2	3	4	5	6	7	8
TERMINAL NO.	DWG. REF.	JUMPER	CABLE/WIRE	MARKING	ITEM	CONN.	REMARK
-X1 :127	4(7F)		-	+H+J-W2 17	+H+J-X1	:127	
:301	4(2A)		1		+H+B-X1	:302	B-PANEL
:302	4(3A)		1		+H+B-X1	:301	B-PANEL
:303	4(3A)		1		+H+B-X1	:304	B-PANEL
:304	4(4A)		1		+H+B-X1	:303	B-PANEL
:311	4(4A)		H05VV5-F 3G1.5	+H-W5 1	+H-S3	:21	DOOR A
:312	4(5A)		H05VV5-F 3G1.5	+H-W5 2	+H-S3	:22	DOOR A
:313	4(5A)		1		+H+B-X1	:314	B-PANEL
:314	4(6A)		1		+H+B-X1	:313	B-PANEL
:315	4(6A)		H05VV5-F 3G1.5	+H-W7 1	+H-S5	:21	DOOR C
:316	4(7A)		H05VV5-F 3G1.5	+H-W7 2	+H-S5	:22	DOOR C
:365	4(4E)						
:366	4(4E)						
:367	4(4E)						
:523	4(5D)		1		+H+B-X1	:524	B-PANEL
:524	4(6D)		1		+H+B-X1	:523	B-PANEL
:525	4(6D)						
:601	4(5D)						
:602	4(7D)						

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SC-650 HOIST
B-PANEL
+H+B
EXTERNAL CONN. LIST

Designed	MBO	Drawn	MBO	Date	2006-04-03
Scale	-	Approved	-	Date	2006-04-03
Source	S	?	Id.no.	807160 / YB_...012	
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1	2	3	4	5	6	7	8
TERMINAL NO.	DWG. REF.	JUMPER	CABLE/WIRE	MARKING	ITEM	CONN.	REMARK
-X1 :101	5(5B)		-	+H+J-W1 BK	+H+B-X1	:101	B-PANEL
			-	+H+J-W51 1	+C+M-X1	:101	M-PANEL
:102	5(5B)		-	+H+J-W1 BU	+H+B-X1	:102	B-PANEL
			-	+H+J-W51 2	+C+M-X1	:102	M-PANEL
:103	5(5B)		-	+H+J-W1 BN	+H+B-X1	:103	B-PANEL
			-	+H+J-W51 3	+C+M-X1	:103	M-PANEL
:111	5(5C)		-	+H+J-W2 1	+H+B-X1	:111	B-PANEL
			-	+H+J-W52 1	+C+M-X1	:111	M-PANEL
:112	5(5C)		-	+H+J-W2 2	+H+B-X1	:112	B-PANEL
			-	+H+J-W52 2	+C+M-X1	:112	M-PANEL
:113	5(5C)		-	+H+J-W2 3	+H+B-X1	:113	B-PANEL
			-	+H+J-W52 3	+C+M-X1	:113	M-PANEL
:114	5(5C)		-	+H+J-W2 4	+H+B-X1	:114	B-PANEL
			-	+H+J-W52 4	+C+M-X1	:114	M-PANEL
:115	5(5C)		-	+H+J-W2 5	+H+B-X1	:115	B-PANEL
			-	+H+J-W52 5	+C+M-X1	:115	M-PANEL
:116	5(5C)		-	+H+J-W2 6	+H+B-X1	:116	B-PANEL
			-	+H+J-W52 6	+C+M-X1	:116	M-PANEL
:117	5(5C)		-	+H+J-W2 7	+H+B-X1	:117	B-PANEL
			-	+H+J-W52 7	+C+M-X1	:117	M-PANEL
:118	5(5C)		-	+H+J-W2 8	+H+B-X1	:118	B-PANEL
			-	+H+J-W52 8	+C+M-X1	:118	M-PANEL
:119	5(5D)		-	+H+J-W2 9	+H+B-X1	:119	B-PANEL
			-	+H+J-W52 9	+C+M-X1	:119	M-PANEL
:120	5(5D)		-	+H+J-W2 10	+H+B-X1	:120	B-PANEL
			-	+H+J-W52 10	+C+M-X1	:120	M-PANEL
:121	5(5D)		-	+H+J-W2 11	+H+B-X1	:121	B-PANEL
			-	+H+J-W52 11	+C+M-X1	:121	M-PANEL
:122	5(5D)		-	+H+J-W2 12	+H+B-X1	:122	B-PANEL
			-	+H+J-W52 12	+C+M-X1	:122	M-PANEL
:123	5(5D)		-	+H+J-W2 13	+H+B-X1	:123	B-PANEL
			-	+H+J-W52 13	+C+M-X1	:123	M-PANEL
:124	5(5D)		-	+H+J-W2 14	+H+B-X1	:124	B-PANEL
			-	+H+J-W52 14	+C+M-X1	:124	M-PANEL
:125	5(5D)		-	+H+J-W2 15	+H+B-X1	:125	B-PANEL
			-	+H+J-W52 15	+C+M-X1	:125	M-PANEL
:126	5(5D)		-	+H+J-W2 16	+H+B-X1	:126	B-PANEL

Proj.	Rev.	Modification	By	Date
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SC-650 HOIST
JUNCTION BOX
+H+J
EXTERNAL CONN. LIST

Designed	MBO	Drawn	MBO	Date	2006-04-03
Scale	-	Approved	-	Date	2006-04-03
Source	S	?	Id.no.	807160 / YB...014	
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