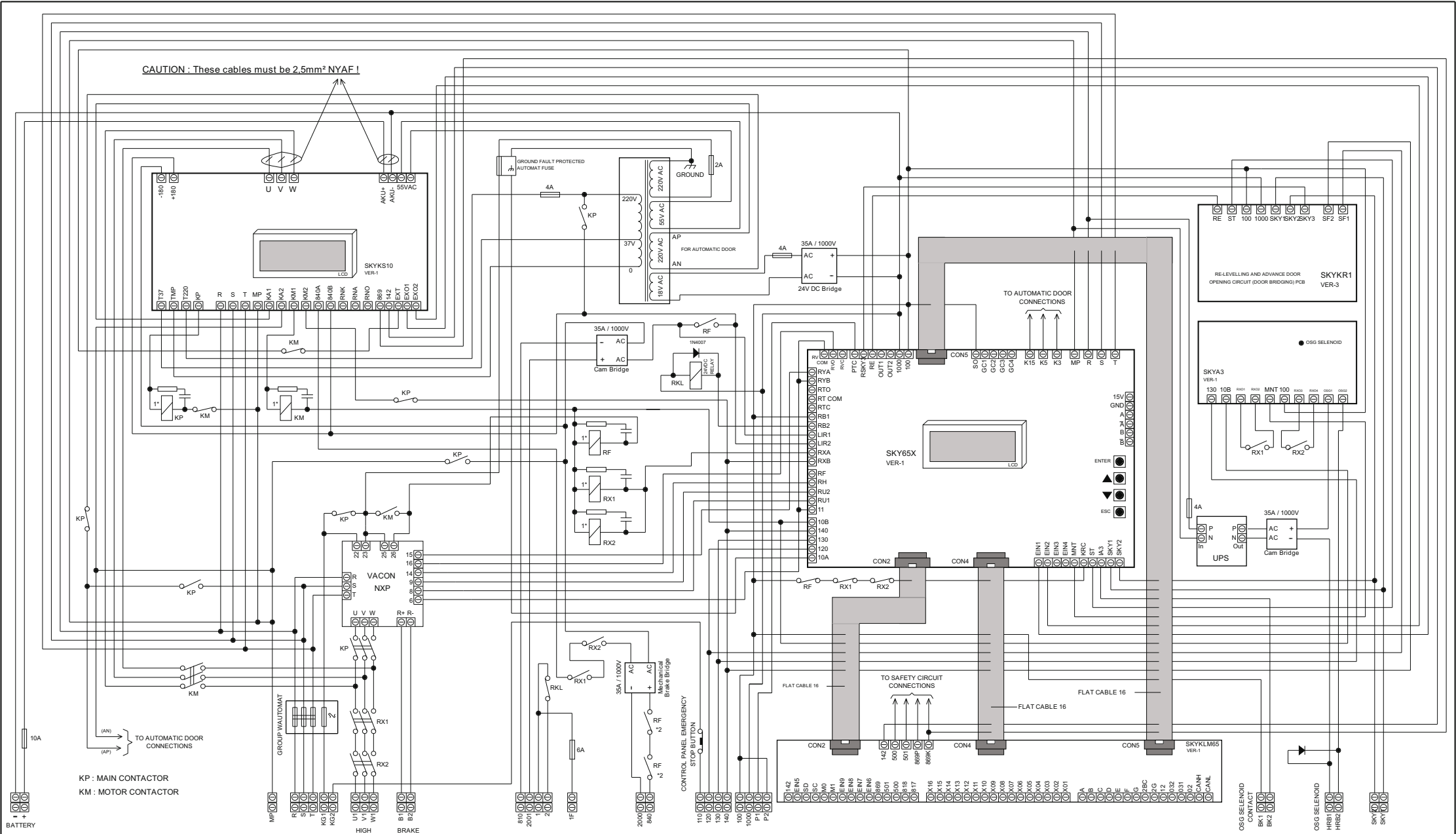


CAUTION : These cables must be 2,5mm² NYAF 1

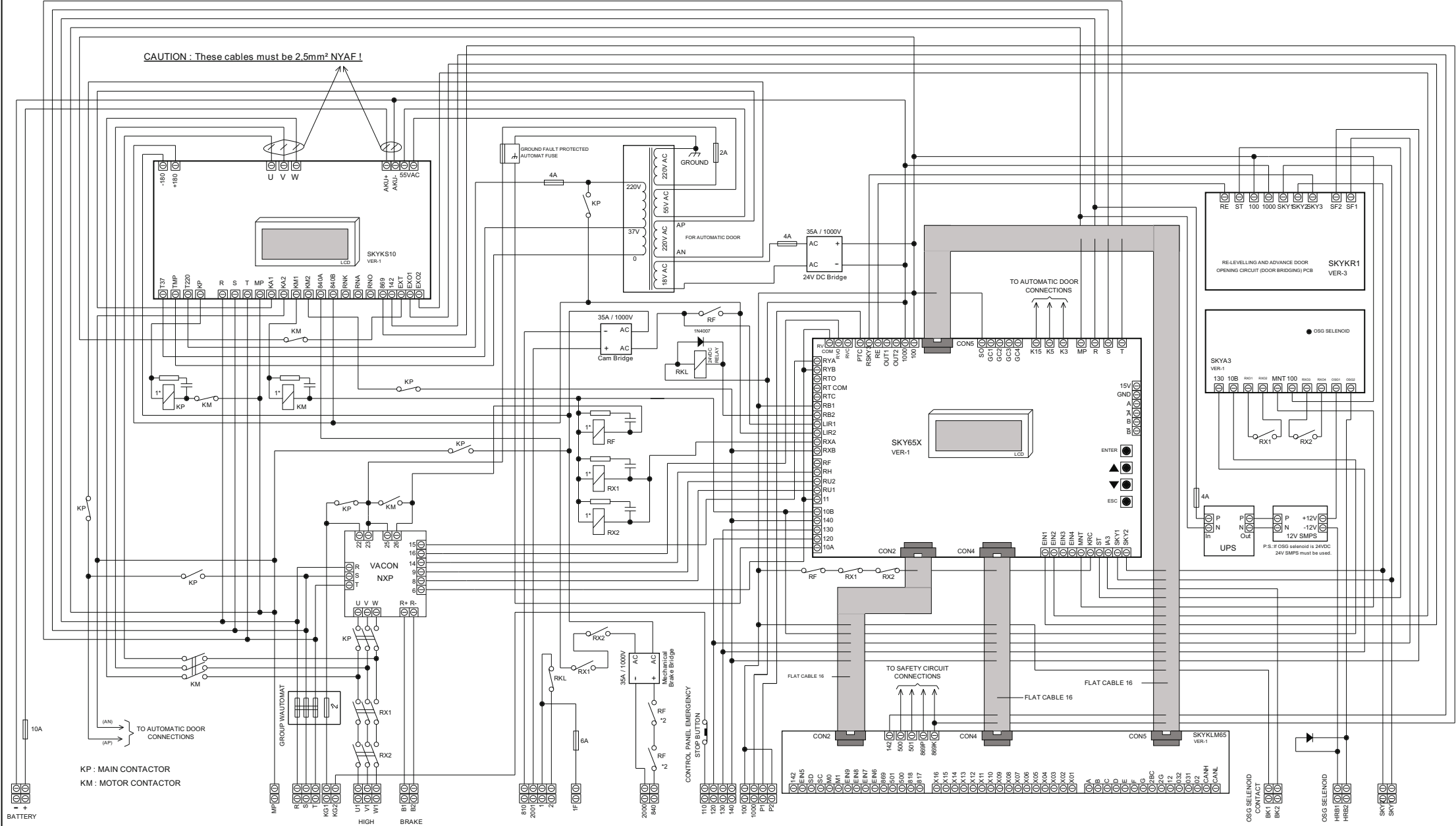


KP : MAIN CONTACTOR
KM : MOTOR CONTACTOR

1* Contactors must be of AC-3 class with 220VAC coils !
RC filters must be connected across the coils of contactors !
2* These contacts must be the main contacts of RU1 and RU2 contactors !

SKY65X SKY	VERSION : 1.0	CONTROL PANEL CONNECTIONS WITH VACON DRIVE AND SKYKRS10 EMERGENCY RESCUE SYSTEM (FOR SINGLE PHASE AUTOMATIC DOOR MOTOR) (FOR 190V OSG SELENOID)
	DATE : 18.06.2012	
	SCHEME NO : SKY65X_01_190	

CAUTION : These cables must be 2,5mm² NYAF 1

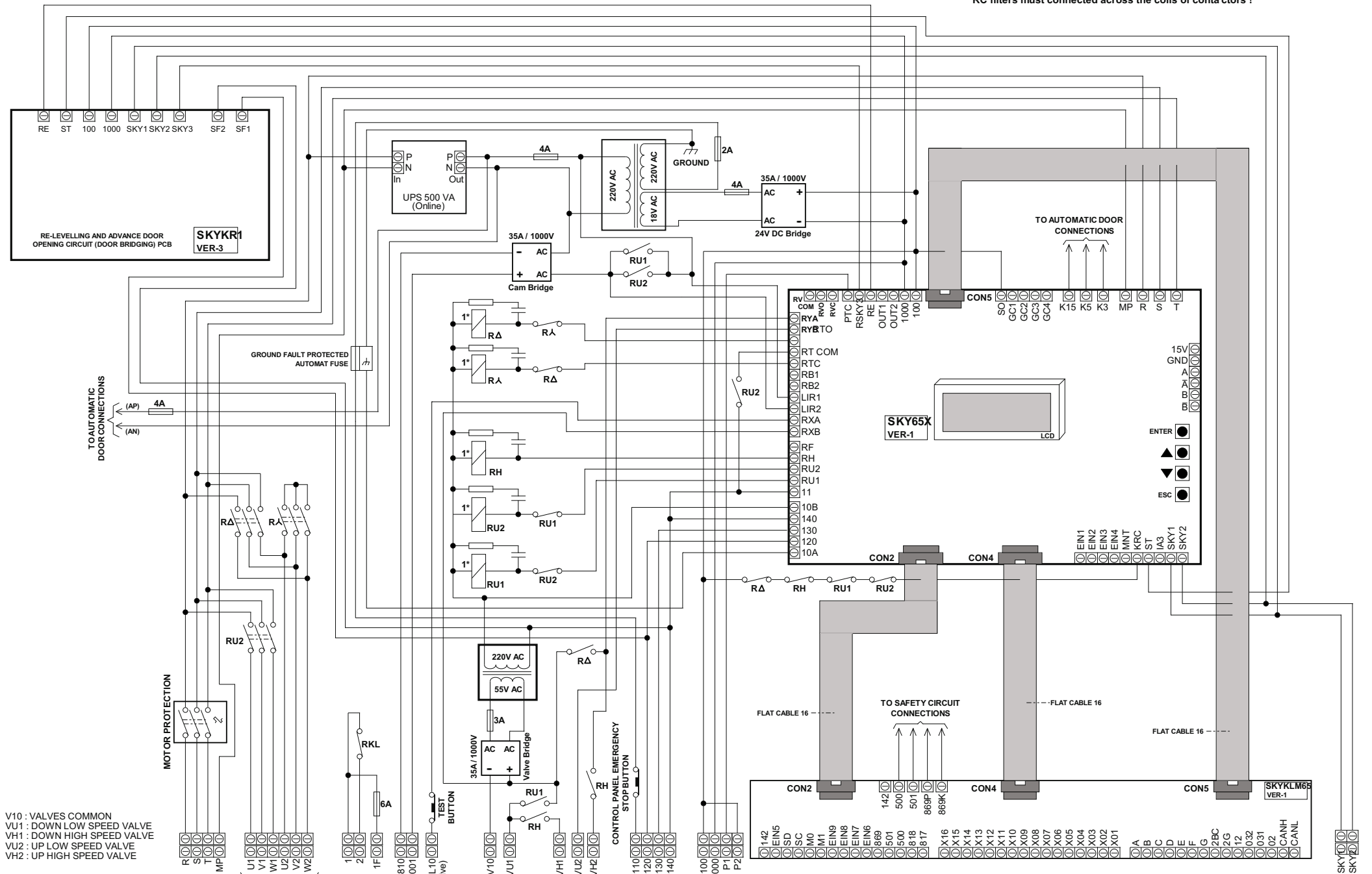


KP : MAIN CONTACTOR
KM : MOTOR CONTACTOR

1* Contactors must be of AC-3 class with 220VAC coils !
RC filters must be connected across the coils of contactors !
2* These contacts must be the main contacts of RU1 and RU2 contactors !

SKY65X SKY	VERSION : 1.0	CONTROL PANEL CONNECTIONS WITH VACON DRIVE AND SKYKS10 EMERGENCY RESCUE SYSTEM (FOR SINGLE PHASE AUTOMATIC DOOR MOTOR) (FOR 12V / 24V OSG SELENOID)
	DATE : 18.06.2012	
	SCHEME NO : SKY65X_01	

1* Contactors must be of AC-3 class with 220VAC coils !
 RC filters must be connected across the coils of contactors !



V10 : VALVES COMMON
 VU1 : DOWN LOW SPEED VALVE
 VH1 : DOWN HIGH SPEED VALVE
 VU2 : UP LOW SPEED VALVE
 VH2 : UP HIGH SPEED VALVE

SKY65X
SKY

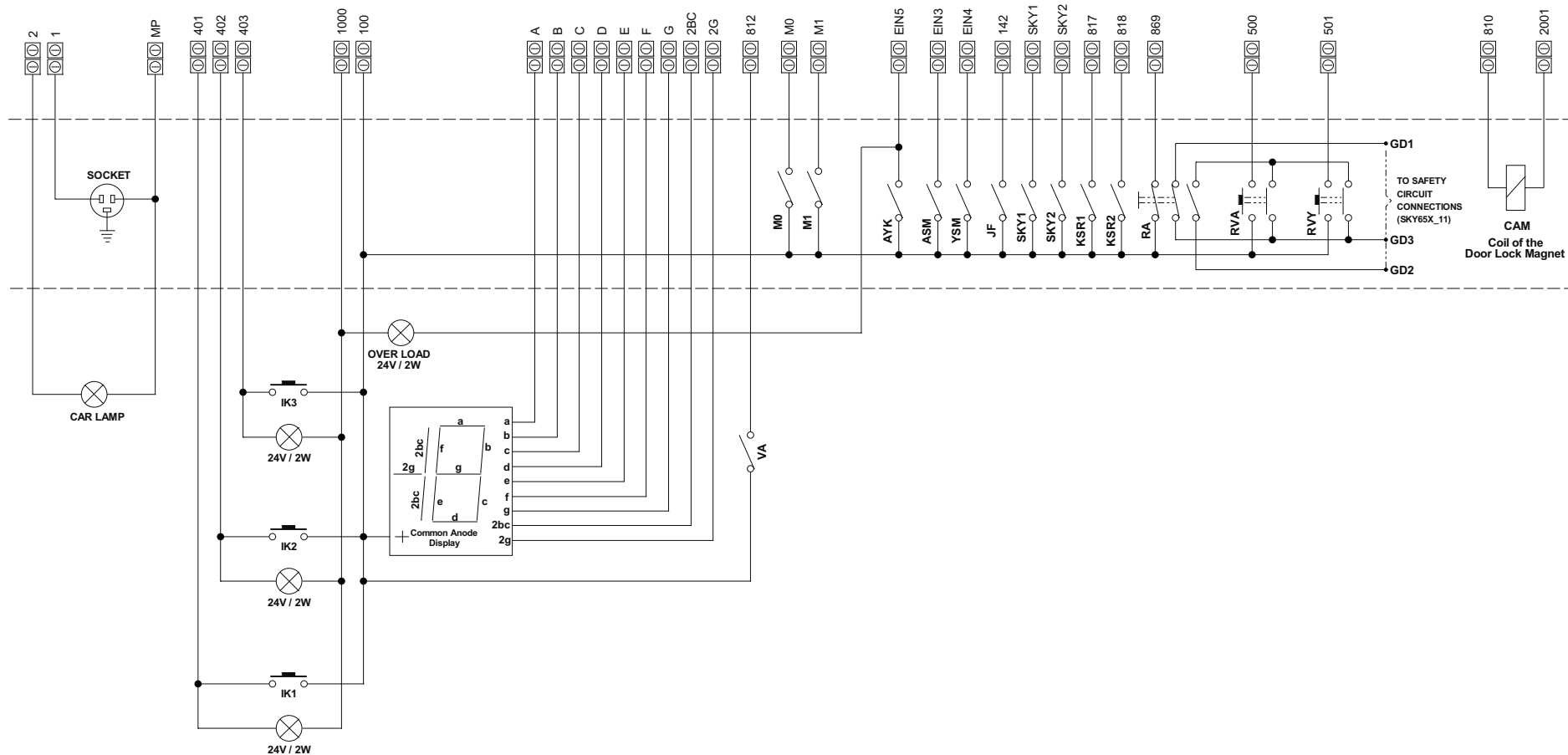
VERSION : 1.0
 DATE : 18.06.2012
 SCHEME NO : SKY65X_07

CONTROL PANEL CONNECTIONS
 FOR HYDRAULIC LIFTS WITH RE-LEVELLING

CONTROL PANEL

TOP OF THE CAR

INSIDE THE CAR



- IKx : CAR CALL BUTTONS AND LAMPS
- M0 : PULSE BI-STABLE SWITCH
- M1 : PULSE BI-STABLE SWITCH (In systems that has speed more than 1m/s, if parameter value is changed, it must be used with M0)
- AYK : OVERLOAD CONTACT
- JF : LEVELLING BI-STABLE SWITCH
- KSR1 : DOWN LIMIT BI-STABLE SWITCH
- KSR2 : UP LIMIT BI-STABLE SWITCH
- RA : INSPECTION CONTACT
- RVA : DOWN INSPECTION BUTTON
- RVY : UP INSPECTION BUTTON
- YSM : UP RE-LEVELLING MONO-STABLE SWITCH
- ASM : DOWN RE-LEVELLING MONO-STABLE SWITCH
- SKY1 : DOOR ZONE MONO-STABLE SWITCH
- SKY2 : DOOR ZONE MONO-STABLE SWITCH

SKY65X
SKY

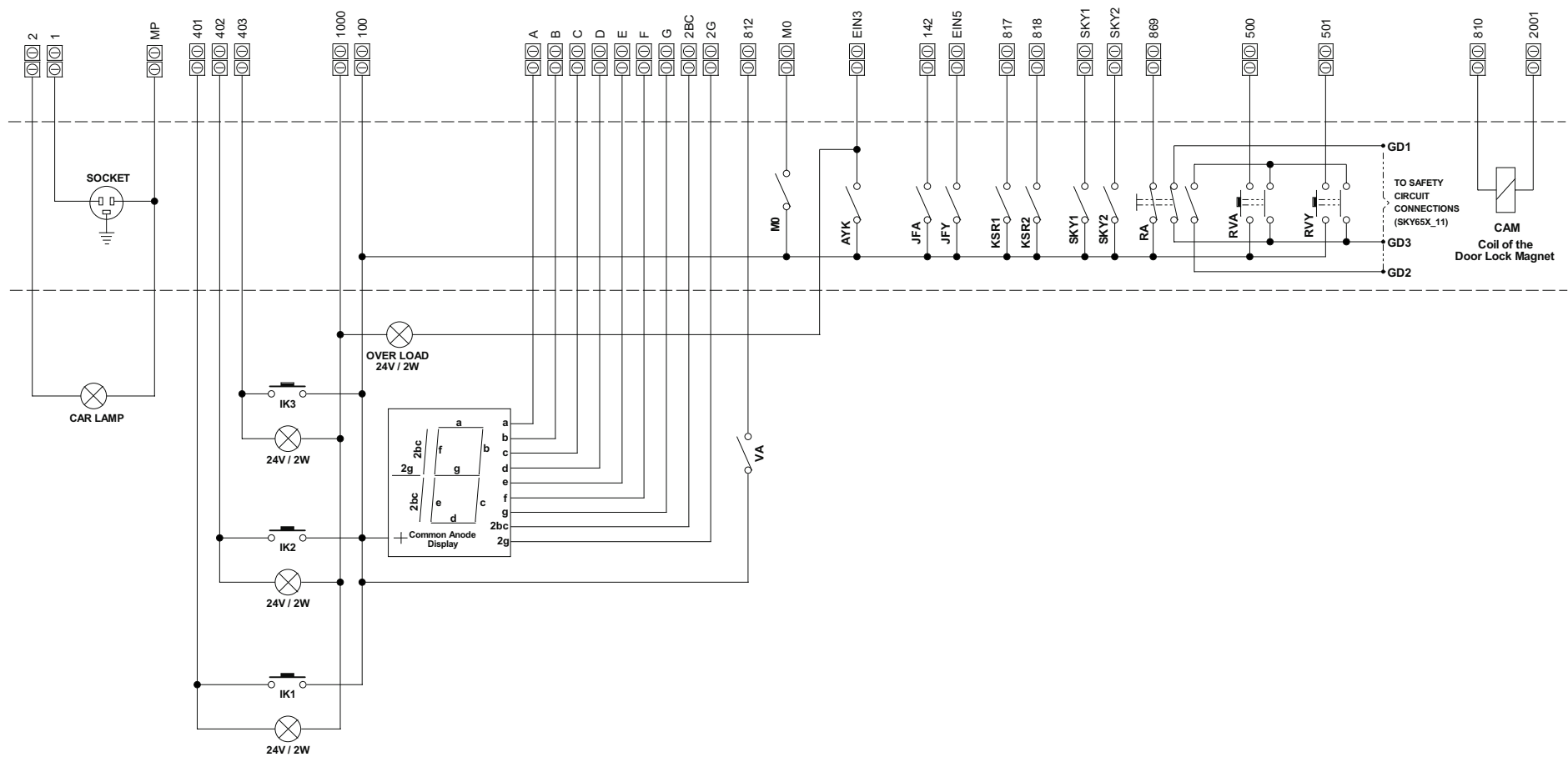
VERSION : 1.0
DATE : 18.06.2012
SCHEME NO : SKY65X_08

CAR WIRING

CONTROL PANEL

TOP OF THE CAR

INSIDE THE CAR



- IKx : CAR CALL BUTTONS AND LAMPS
- M0 : PULSE BI-STABLE SWITCH
- AYK : OVERLOAD CONTACT
- JFA : DOWN LEVELLING BI-STABLE SWITCH
- JFY : UP LEVELLING BI-STABLE SWITCH
- KSR1 : DOWN LIMIT BI-STABLE SWITCH
- KSR2 : UP LIMIT BI-STABLE SWITCH
- RA : INSPECTION CONTACT
- RVA : DOWN INSPECTION BUTTON
- RVY : UP INSPECTION BUTTON
- SKY1 : DOOR ZONE MONO-STABLE SWITCH
- SKY2 : DOOR ZONE MONO-STABLE SWITCH

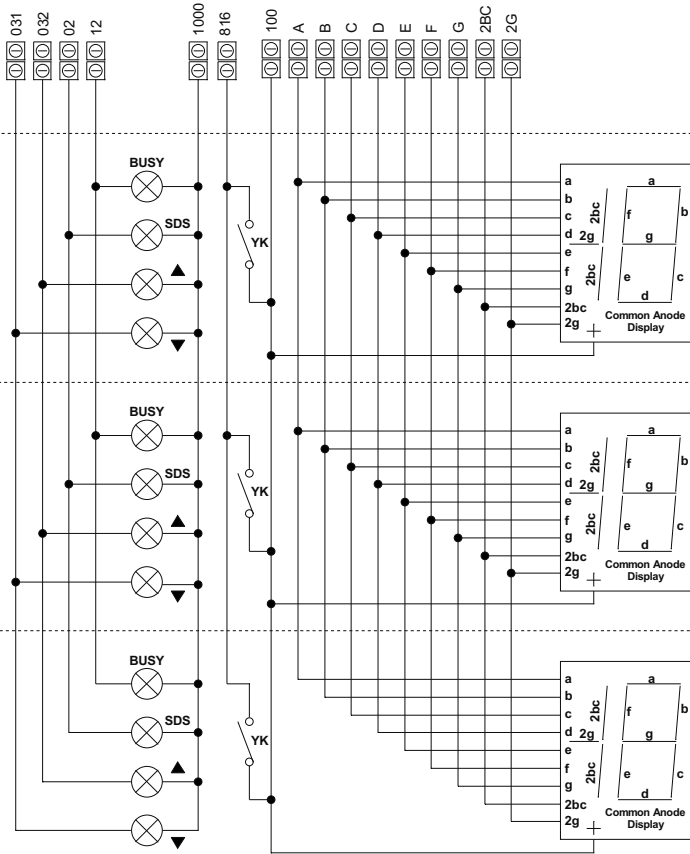
SKY65X SKY	VERSION : 1.0	CAR WIRING FOR HYDRAULIC LIFTS
	DATE : 18.06.2012	
	SCHEME NO : SKY65X_09	

CONTROL PANEL

FLOOR 2

FLOOR 1

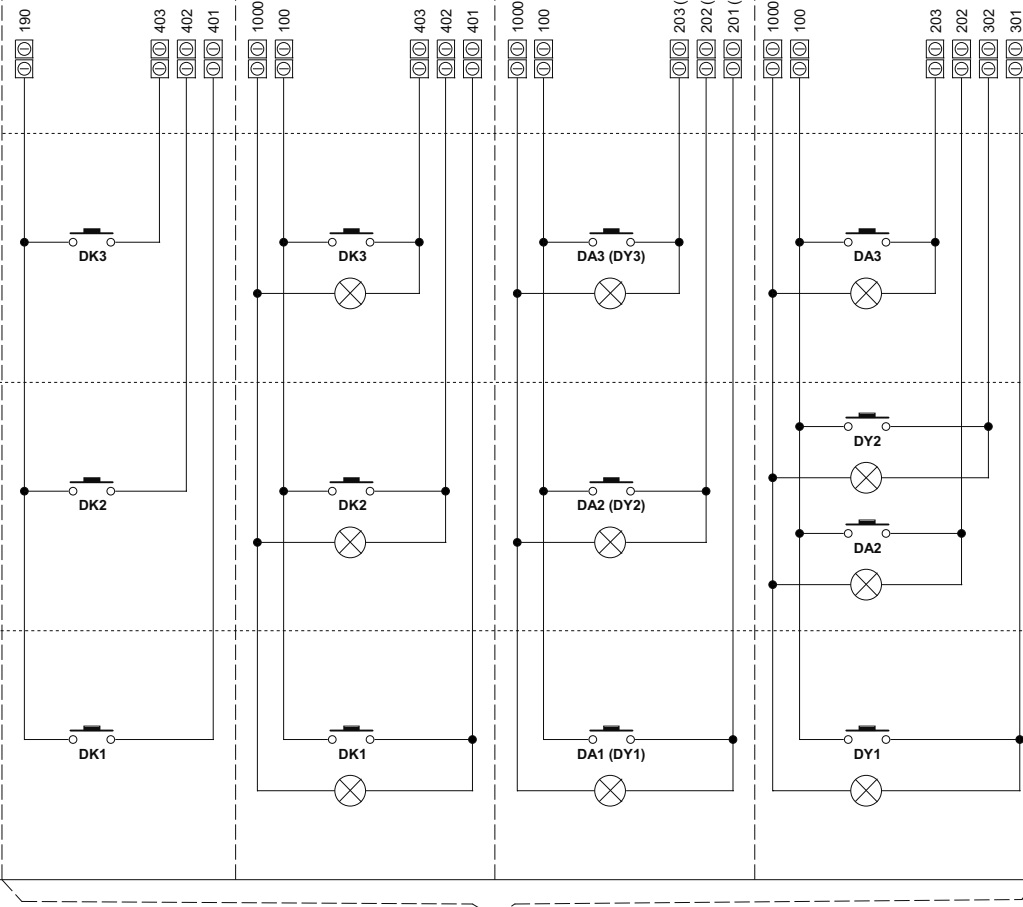
FLOOR 0



UNIVERSAL TYPE

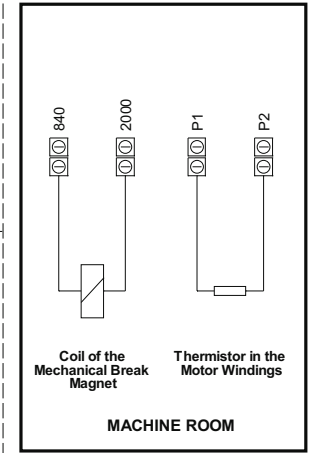
UP/DOWN MIX. COLLECTIVE

ECTIVEUP (DOWN) COLLECTIVE



CALL CONNECTIONS

- DKx : CALL BUTTONS AND LAMPS
- DAx : DOWN CALL BUTTONS AND LAMPS
- DYx : UP CALL BUTTONS AND LAMPS
- SDS : OUT OF SERVICE LAMP
- YK : FIRE CONTACT
- ⊗ : 24 VOLT - MAX 2 WATT LAMP



Coil of the Mechanical Break Magnet
Thermistor in the Motor Windings
MACHINE ROOM

SKY65X
SKY

VERSION : 1.0
DATE : 18.06.2012
SCHEME NO : SKY65X_10

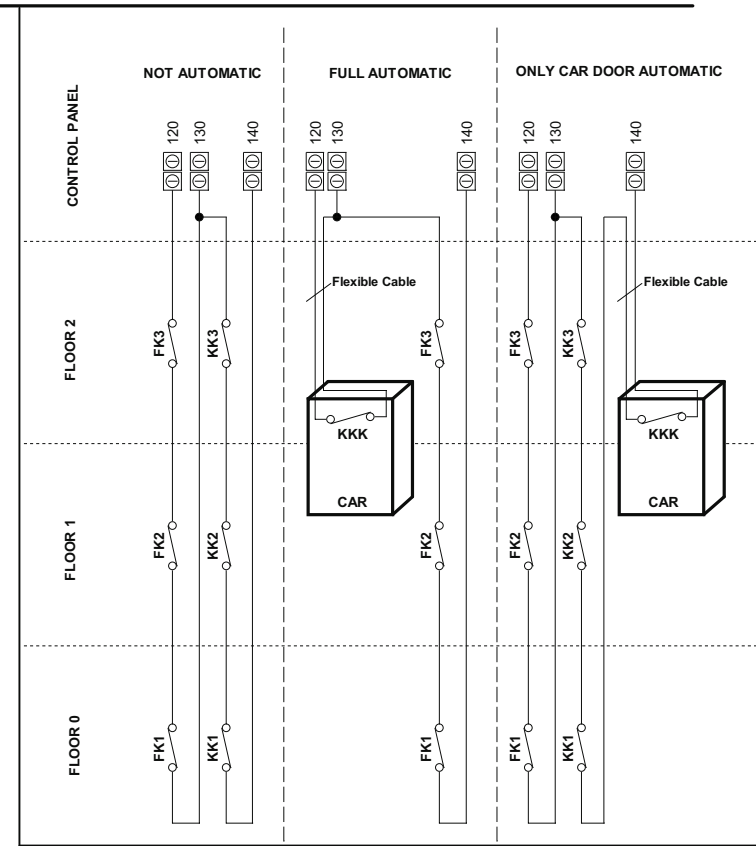
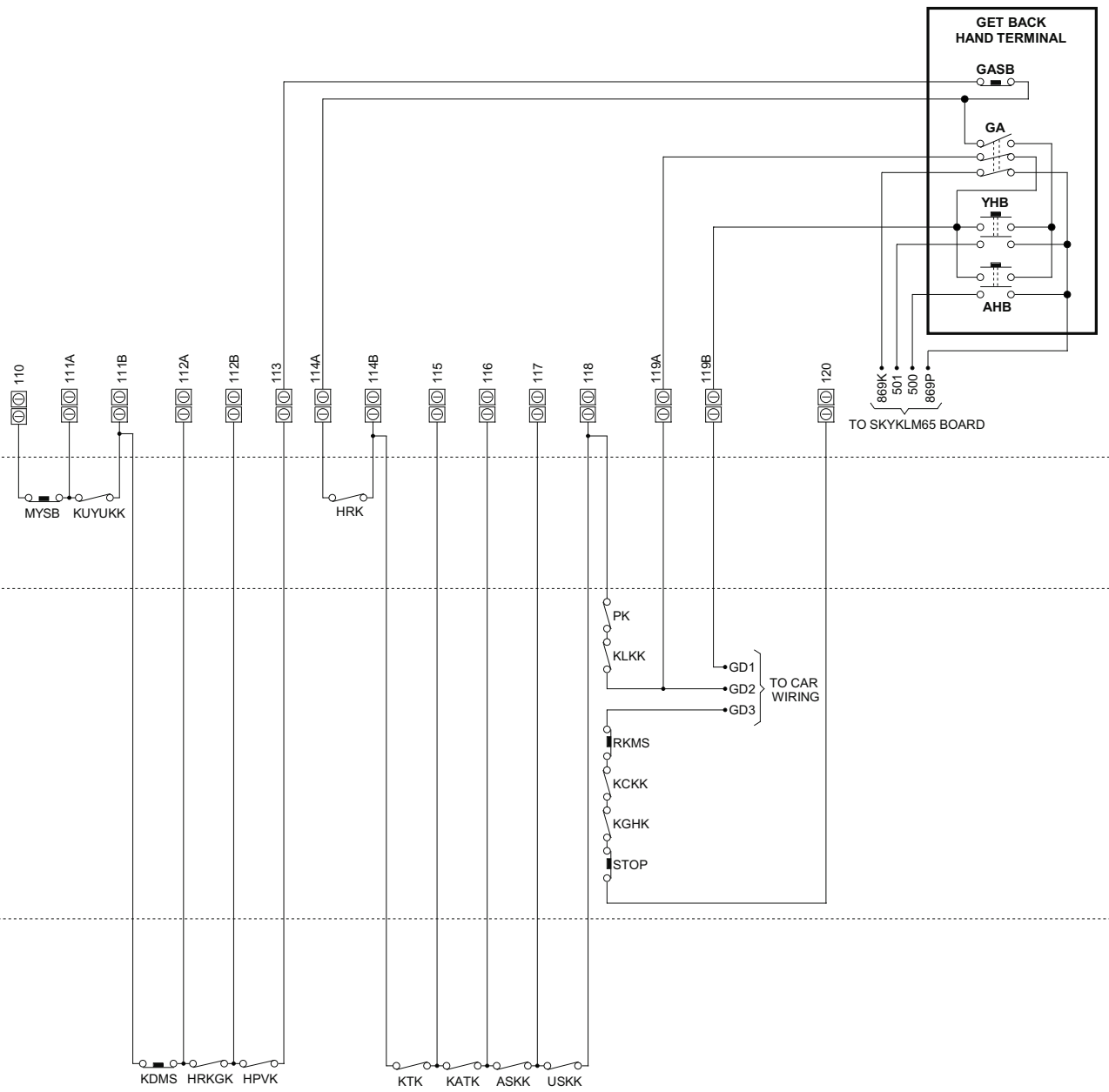
FLOOR WIRING
MECHANICAL BREAK AND THERMISTOR CONNECTIONS

CONTROL PANEL

MACHINE ROOM

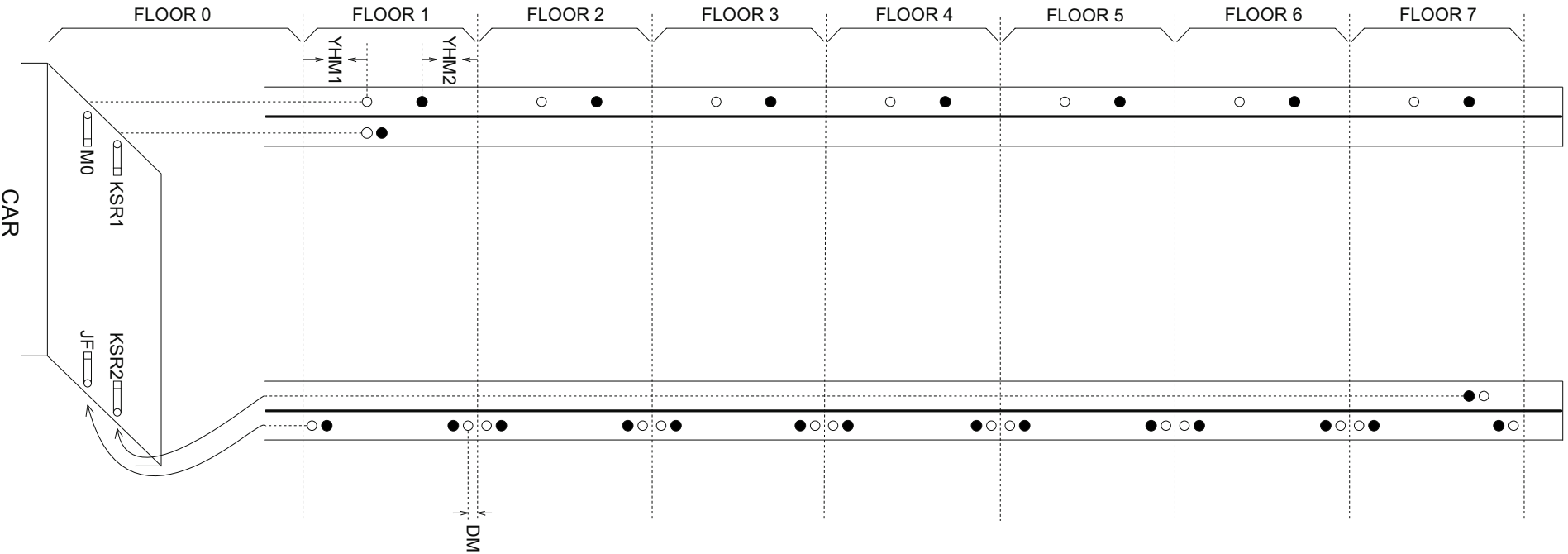
TOP OF THE CAR

WELL



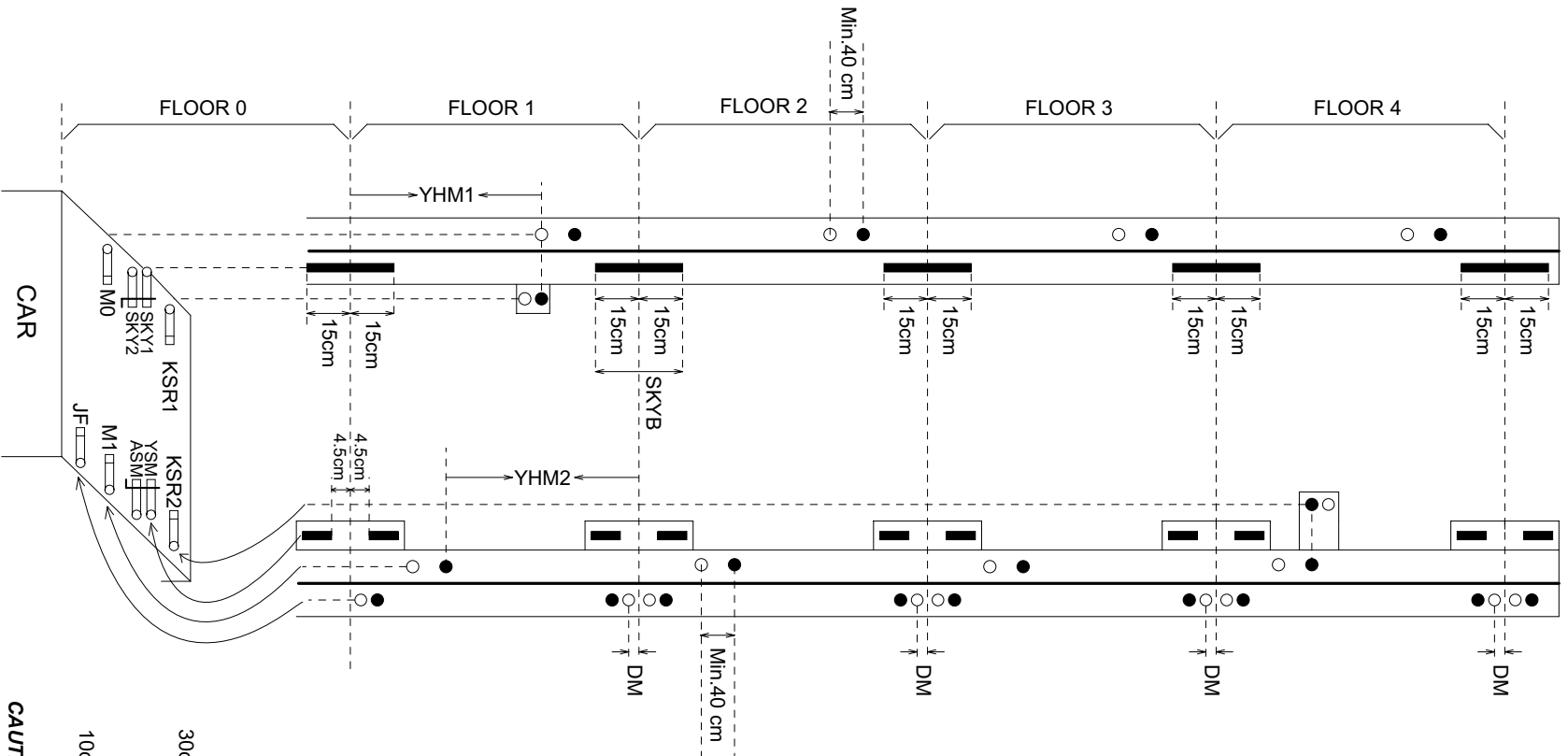
- MYSB : TRACTION GEAR STOP BUTTON
- KUYUUK : WELL ACCESS CONTACT
- KDMS : PIT EMERGENCY STOP BUTTON
- HRKGK : TENSION WEIGHT CONTACT
- HPVK : HOSE BLOW VALVE CONTACT (FOR HYDRAULIC SMS)E
- HRK : OVERSPEED GOVERNOR CONTACT
- KTK : BUFFER CONTACT
- KATK : COUNTER WEIGHT BUFFER CONTACT
- ASKK : PIT END LIMIT SWITCH CONTACT
- USKK : ULTIMATE LIMIT SWITCH CONTACT
- PK : OVERSPEED DETECTION CONTACT
- KLKK : CAR LIMIT SWITCH CONTACT
- RKMS : INSPECTION EMERGENCY STOP BUTTON
- KCKK : CAR TOP COVER CONTACT
- KGHK : CAR SLACK ROPE CONTACT
- STOP : CAR STOP BUTTON
- GASB : GET BACK EMERGENCY STOP BUTTON
- GA : GET BACK CONTACT
- YHB : UP MOVEMENT BUTTON
- AHB : DOWN MOVEMENT BUTTON
- FKx : DOOR SOCKET SWITCHES
- KKx : DOOR LOCK SWITCHES
- KKK : CAR DOOR SWITCH

SKY65X SKY	VERSION : 1.0	SAFETY CIRCUIT CONNECTIONS
	DATE : 18.06.2012	
	SCHEME NO : SKY65X_11	



- : BI-STABLE SWITCH IS CLOSED
- : BI-STABLE SWITCH IS OPEN
- M0 : PULSE BI-STABLE SWITCH
- JF : LEVELLING BI-STABLE SWITCH
- KSR1 : DOWN LIMIT BI-STABLE SWITCH
- KSR2 : UP LIMIT BI-STABLE SWITCH
- DM : STOPPING DISTANCE
- YHM1 : LOW SPEED DISTANCE IN DOWN DIRECTION
- YHM2 : LOW SPEED DISTANCE IN UP DIRECTION

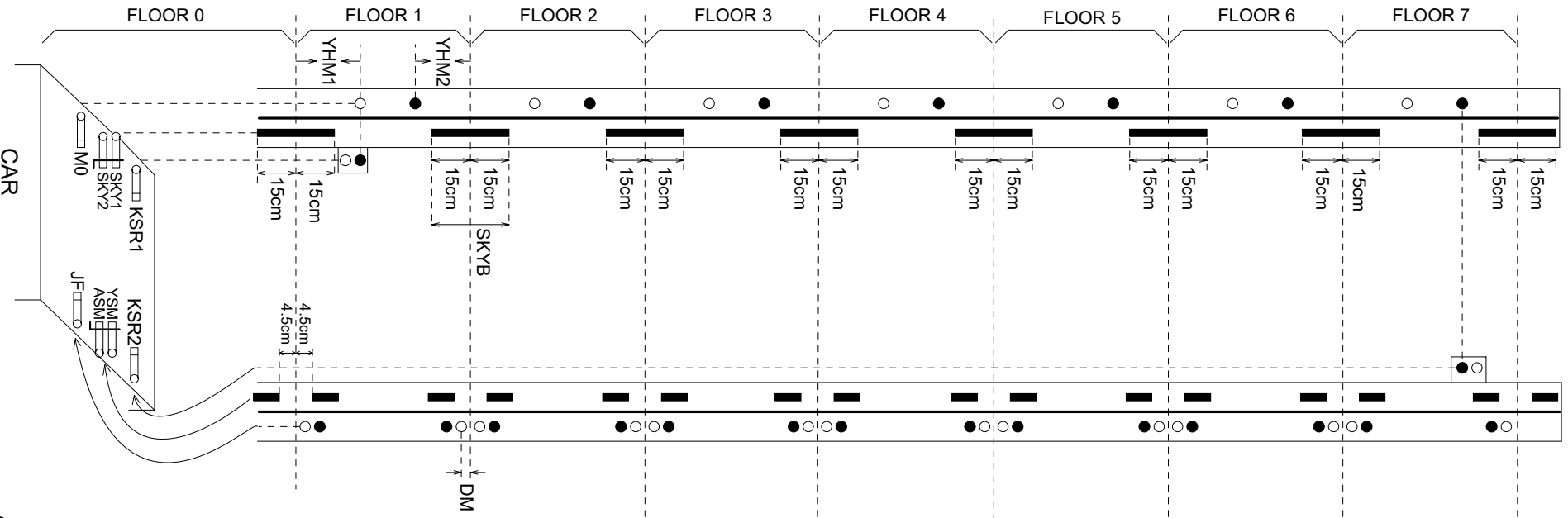
SKY65X		VERSION : 1.0	PULSE SYSTEM MAGNET CONFIGURATION FOR TWO SPEED SYSTEM
SKY		DATE : 18.06.2012	
SCHEME NO : SKY65X_12			



- M1 : UP DIRECTION PULSE BI-STABLE SWITCH
 - M0 : DOWN DIRECTION PULSE BI-STABLE SWITCH
 - JF : LEVELLING BI-STABLE SWITCH
 - KSR1 : DOWN LIMIT BI-STABLE SWITCH
 - KSR2 : UP LIMIT BI-STABLE SWITCH
 - SKY1 : DOOR ZONE MONO-STABLE SWITCH
 - SKY2 : DOOR ZONE MONO-STABLE SWITCH
 - DM : STOPPING DISTANCE
 - YHM1 : LOW SPEED DISTANCE IN DOWN DIRECTION
 - YHM2 : LOW SPEED DISTANCE IN UP DIRECTION
 - SKYB : DOOR ZONE
 - YSM : UP RE-LEVELLING MONO-STABLE SWITCH
 - ASM : DOWN RE-LEVELLING MONO-STABLE SWITCH
- : BI-STABLE SWITCH IS CLOSED
 ○ : BI-STABLE SWITCH IS OPEN
- ┌───┐ : RIBBON MAGNET FOR DOOR ZONE
 30cm
- ┌───┐ : RIBBON MAGNET FOR RE-LEVELLING ZONE
 10cm

CAUTION 1 SKY1,SKY2,ASM,YSM Mono-Stable switches must be suitable to 14.1.2.5 article at EN81-1 and EN81-2 standards.

SKY65X	VERSION : 1.0	M0 / M1 PULSE SYSTEM FOR ELECTRICAL LIFTS
SKY	DATE : 18.09.2012	
SCHEME NO : SKY65X_13 WITH ADVANCE DOOR OPENING OR RE-LEVELLING		

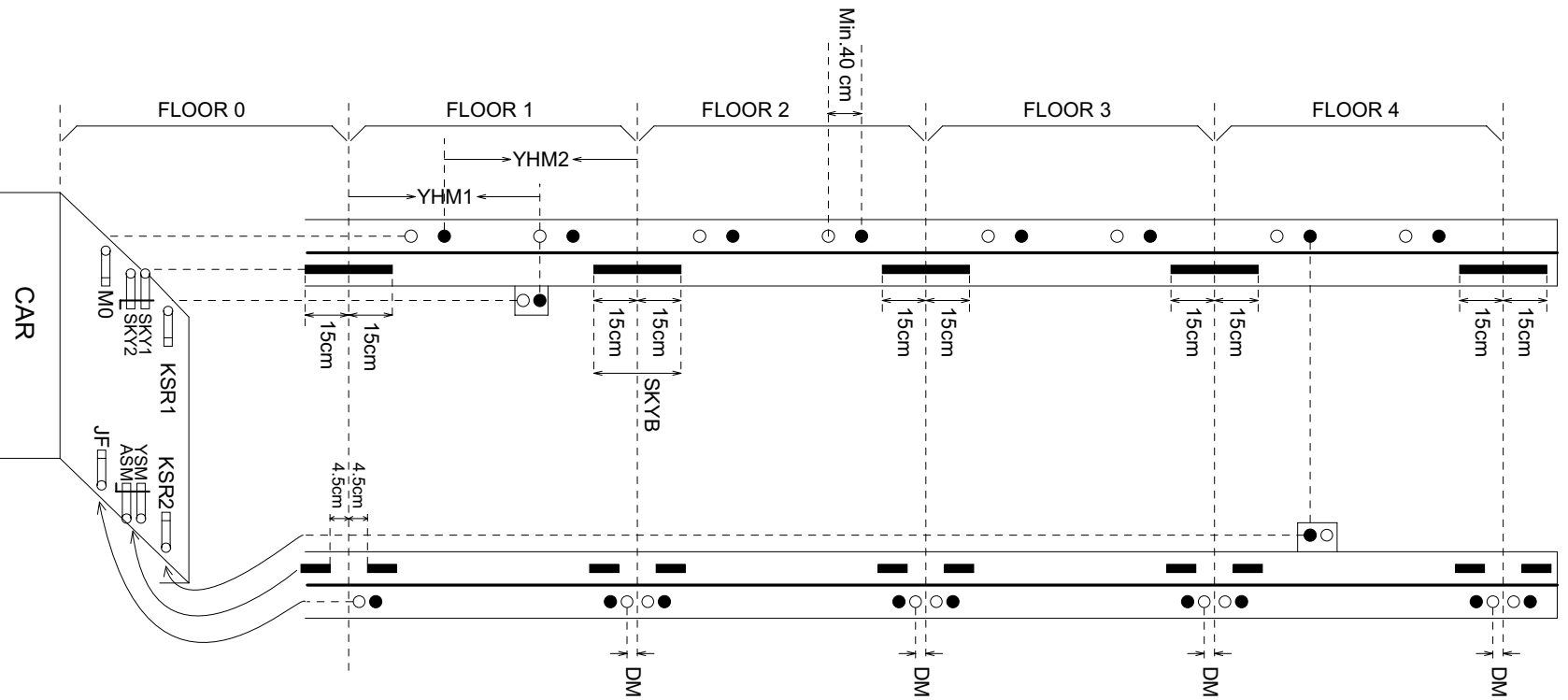


- M0 : PULSE BI-STABLE SWITCH
 - JF : LEVELLING BI-STABLE SWITCH
 - KSR1 : DOWN LIMIT BI-STABLE SWITCH
 - KSR2 : UP LIMIT BI-STABLE SWITCH
 - SKY1 : DOOR ZONE MONO-STABLE SWITCH
 - SKY2 : DOOR ZONE MONO-STABLE SWITCH
 - DM : STOPPING DISTANCE
 - YHM1 : LOW SPEED DISTANCE IN DOWN DIRECTION
 - YHM2 : LOW SPEED DISTANCE IN UP DIRECTION
 - SKYB : DOOR ZONE
 - YSM : UP RE-LEVELLING MONO-STABLE SWITCH
 - ASM : DOWN RE-LEVELLING MONO-STABLE SWITCH
- : BI-STABLE SWITCH IS CLOSED
 ○ : BI-STABLE SWITCH IS OPEN
- ┌───┐ : RIBBON MAGNET FOR DOOR ZONE
 (30cm)
- ┌───┐ : RIBBON MAGNET FOR RE-LEVELLING ZONE
 (10cm)

CAUTION 1 SKY1,SKY2,ASM,YSM Mono-Stable switches must be suitable to 14.1,2,5 article at EN81-1 and EN81-2 standards.

SKY65X		2 MAGNETS M0 PULSE SYSTEM	
VERSION :	1.0	FOR ELECTRICAL LIFTS	
DATE :	18.09.2012	WITH ADVANCE DOOR OPENING OR RE-LEVELLING	
SCHEME NO :	SKY65X_14		

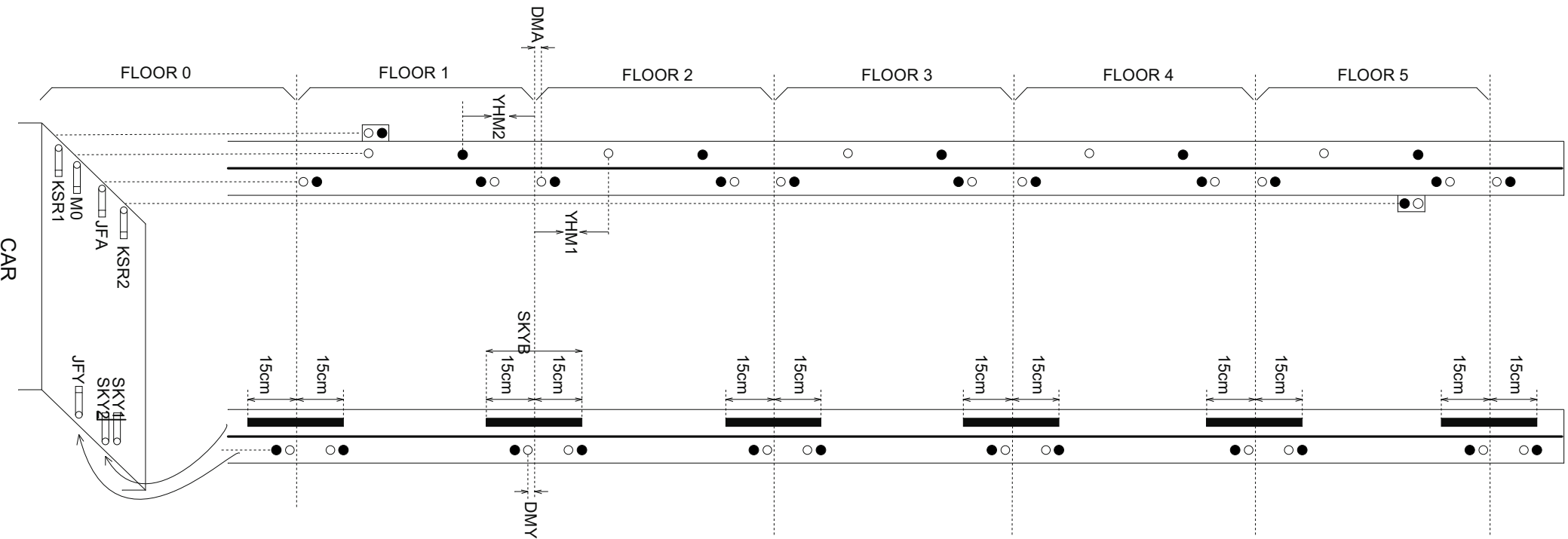
SKY



- M0 : PULSE BI-STABLE SWITCH
 - JF : LEVELLING BI-STABLE SWITCH
 - KSR1 : DOWN LIMIT BI-STABLE SWITCH
 - KSR2 : UP LIMIT BI-STABLE SWITCH
 - SKY1 : DOOR ZONE MONO-STABLE SWITCH
 - SKY2 : DOOR ZONE MONO-STABLE SWITCH
 - DM : STOPPING DISTANCE
 - YHM1 : LOW SPEED DISTANCE IN DOWN DIRECTION
 - YHM2 : LOW SPEED DISTANCE IN UP DIRECTION
 - SKYB : DOOR ZONE
 - YSM : UP RE-LEVELLING MONO-STABLE SWITCH
 - ASM : DOWN RE-LEVELLING MONO-STABLE SWITCH
- : BI-STABLE SWITCH IS CLOSED
 - : BI-STABLE SWITCH IS OPEN
- 30cm : RIBBON MAGNET FOR DOOR ZONE
 - 10cm : RIBBON MAGNET FOR RE-LEVELLING ZONE

CAUTION / SKY1,SKY2,ASM,YSM Mono-Stable switches must be suitable to 14.1,2,5 article at EN81-1 and EN81-2 standards.

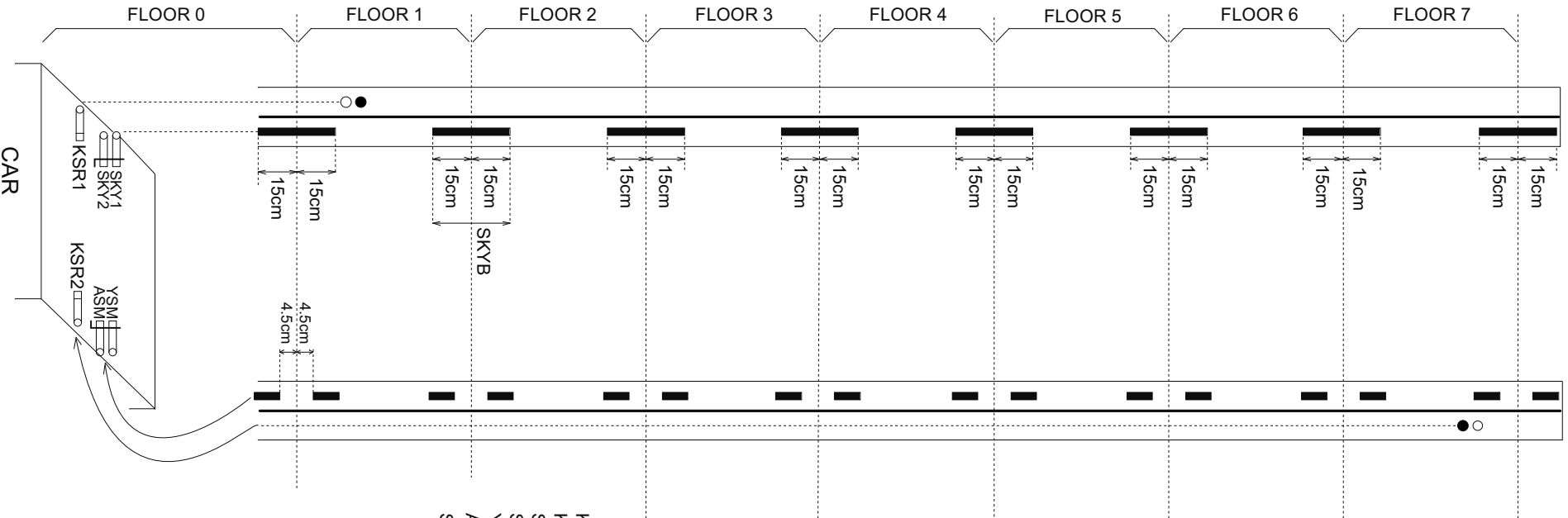
SKY65X	VERSION : 1.0	4 MAGNETS M0 PULSE SYSTEM
SKY	DATE : 18.09.2012	FOR ELECTRICAL LIFTS
	SCHEME NO : SKY65X_15	WITH ADVANCE DOOR OPENING OR RE-LEVELLING



CAUTION / SKY1 and SKY2 Mono-Stable switches must be suitable for 14.1.2.5 article at EN81-1 and EN81-2 standards.

- : BI-STABLE SWITCH IS CLOSED
- : BI-STABLE SWITCH IS OPEN
- ▬ : RIBBON MAGNET FOR DOOR ZONE
- M0 : PULSE BI-STABLE SWITCH
- JFA : LEVELLING BI-STABLE SWITCH IN DOWN DIRECTION
- JFY : LEVELLING BI-STABLE SWITCH IN UP DIRECTION
- KSR1 : DOWN LIMIT BI-STABLE SWITCH
- KSR2 : UP LIMIT BI-STABLE SWITCH
- SKY1 : DOOR ZONE MONO-STABLE SWITCH
- SKY2 : DOOR ZONE MONO-STABLE SWITCH
- DMA : STOPPING DISTANCE IN DOWN DIRECTION
- DMY : STOPPING DISTANCE IN UP DIRECTION
- YHM1 : LOW SPEED DISTANCE IN DOWN DIRECTION
- YHM2 : LOW SPEED DISTANCE IN UP DIRECTION
- SKYB : DOOR ZONE

SKY65X		VERSION : 1.0	PULSE SYSTEM MAGNET CONFIGURATION FOR HYDRAULIC LIFTS WITH RE-LEVELLING
SKY		DATE : 18.06.2012	
		SCHEME NO : SKY65X_16	



- KSR1 : DOWN LIMIT BI-STABLE SWITCH
- KSR2 : UP LIMIT BI-STABLE SWITCH
- SKY1 : DOOR ZONE MONO-STABLE SWITCH
- SKY2 : DOOR ZONE MONO-STABLE SWITCH
- YSM : UP DIRECTION LEVELLING MONO-STABLE SWITCH
- ASM : DOWN DIRECTION LEVELLING MONO-STABLE SWITCH
- SKYB : DOOR ZONE

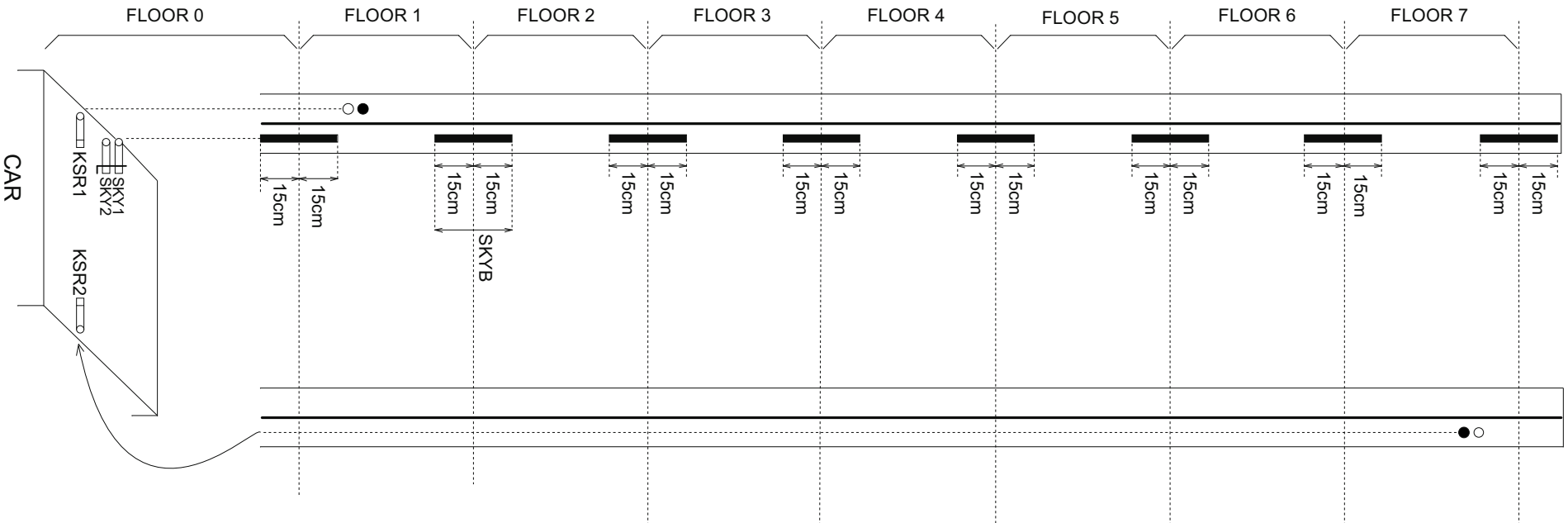
P.S.: IT'S NOT NEEDED TO USE ASM AND YSM
WHERE THE ROPE CREEPAGE IS NOT EXIST.

- : BI-STABLE SWITCH IS CLOSED
- : BI-STABLE SWITCH IS OPEN

- 30cm : RIBBON MAGNET FOR DOOR ZONE
- 10cm : RIBBON MAGNET FOR ADVANCED DOOR OPENNING ZONE

CAUTION! SKY1 and SKY2 Mono-Stable switches must be suitable to 14.1.2.5 article at EN81-1 and EN81-2 standards.

SKY65X		VERSION : 1.0	SHAFT LEARNING MAGNET CONFIGURATION
SKY		DATE : 20.05.2013	FOR ELECTRICAL LIFTS WITH
		SCHEME NO : SKY65X_45	ADVANCED DOOR OPENNING AND RE-LEVELLING



- KSR1 : DOWN LIMIT BI-STABLE SWITCH
- KSR2 : UP LIMIT BI-STABLE SWITCH
- SKY1 : DOOR ZONE MONO-STABLE SWITCH
- SKY2 : DOOR ZONE MONO-STABLE SWITCH
- SKYB : DOOR ZONE

- : BI-STABLE SWITCH IS CLOSED
- : BI-STABLE SWITCH IS OPEN

 : RIBBON MAGNET FOR DOOR ZONE
 30cm

CAUTION ! SKY1 and SKY2 Mono-Stable switches must be suitable to 14.1.2.5 article at EN81-1 and EN81-2 standards.

SKY65X		VERSION : 1.0	SHAFT LEARNING MAGNET CONFIGURATION FOR ELECTRICAL LIFTS
SKY		DATE : 20.05.2013	
		SCHEME NO : SKY65X_46	

1 AUTOMATIC DOOR CONNECTIONS
RUNNING WITH CAM SIGNAL

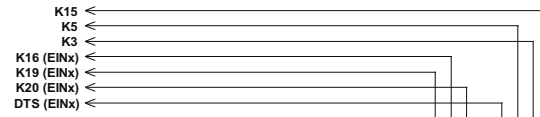
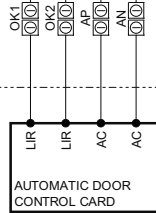
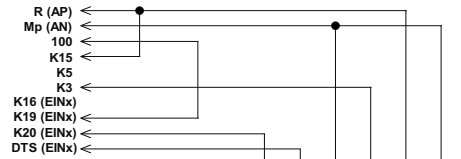
2 AUTOMATIC DOOR WITH 380VAC
3 PHASE MOTOR CONNECTIONS

3 AUTOMATIC DOOR CONNECTIONS
INCLUDING THEIR OWN CONTROL

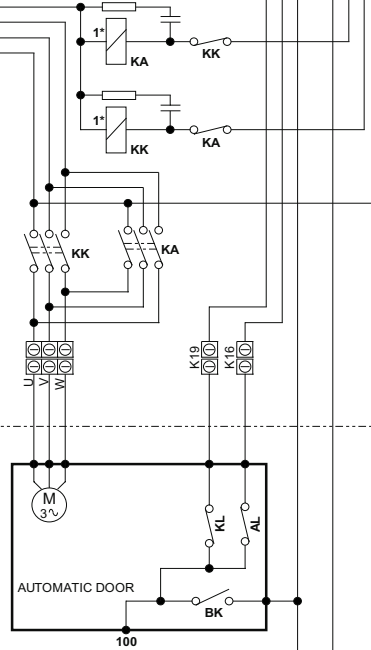
CONTROL PANEL

TOP OF THE CAR

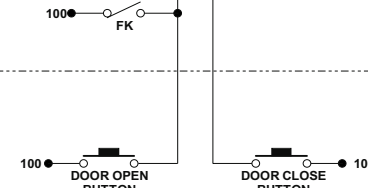
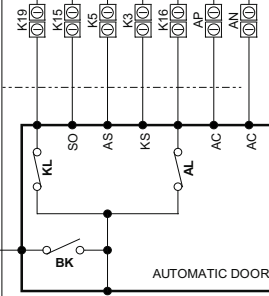
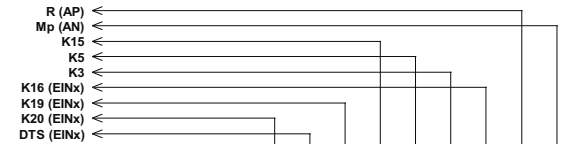
INSIDE THE CAR



KA : OPENING CONTACTOR
KK : CLOSING CONTACTOR
1* Contactors must be of AC-3 class with 220VAC coils !
RC filters must be connected across the coils of contactors !



KL : CLOSING LIMIT
AL : OPENING LIMIT
BK : PRESSURE CONTACT
FK : PHOTOCELL CONTACT



KL : CLOSING LIMIT
AL : OPENING LIMIT
BK : PRESSURE CONTACT
FK : PHOTOCELL CONTACT
AS : OPENING SIGNAL
KS : CLOSING SIGNAL

SKY65X
SKY

VERSION : 1.0
DATE : 18.06.2012
SCHEME NO : SKY65X_17

AUTOMATIC DOOR CONNECTIONS

	CALL TERMINALS AT SKYKLM65 (SKY65X) BOARD	CALL TERMINALS AT 1st SKYINT65 BOARD	CALL TERMINALS AT 2nd SKYINT65 BOARD
	X01 X02 X03 X04 X05 X06 X07 X08 X09 X10 X11 X12 X13 X14 X15 X16	X01 X02 X03 X04 X05 X06 X07 X08 X09 X10 X11 X12 X13 X14 X15 X16	X01 X02 X03 X04 X05 X06 X07 X08 X09 X10 X11 X12 X13 X14 X15 X16
UP / DOWN MIX COLLECTIVE (2 - 16 FLOORS)	401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416	NOT USED	NOT USED
UP / DOWN MIX COLLECTIVE (17 - 24 FLOORS)	401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416	417 418 419 420 421 422 423 424	NOT USED
DOWN COLLECTIVE (2 - 8 FLOORS)	401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416	NOT USED	NOT USED
DOWN COLLECTIVE (9 - 16 FLOORS)	201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216	401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416	NOT USED
DOWN COLLECTIVE (17 - 24 FLOORS)	201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216	401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416	217 218 219 220 221 222 223 224 417 418 419 420 421 422 423 424
UP COLLECTIVE (2 - 8 FLOORS)	401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416	NOT USED	NOT USED
UP COLLECTIVE (9 - 16 FLOORS)	301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316	401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416	NOT USED
UP COLLECTIVE (17 - 24 FLOORS)	301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316	401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416	317 318 319 320 321 322 323 324 417 418 419 420 421 422 423 424
SELECTIVE COLLECTIVE (2 - 6 FLOORS)	401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416	NOT USED	NOT USED
SELECTIVE COLLECTIVE (7 - 9 FLOORS)	301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316	401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416	NOT USED
SELECTIVE COLLECTIVE (10 - 16 FLOORS)	301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316	401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416	202 203 204 205 206 207 208 209 210 211 212 213 214 215 216

SKY65X
SKY

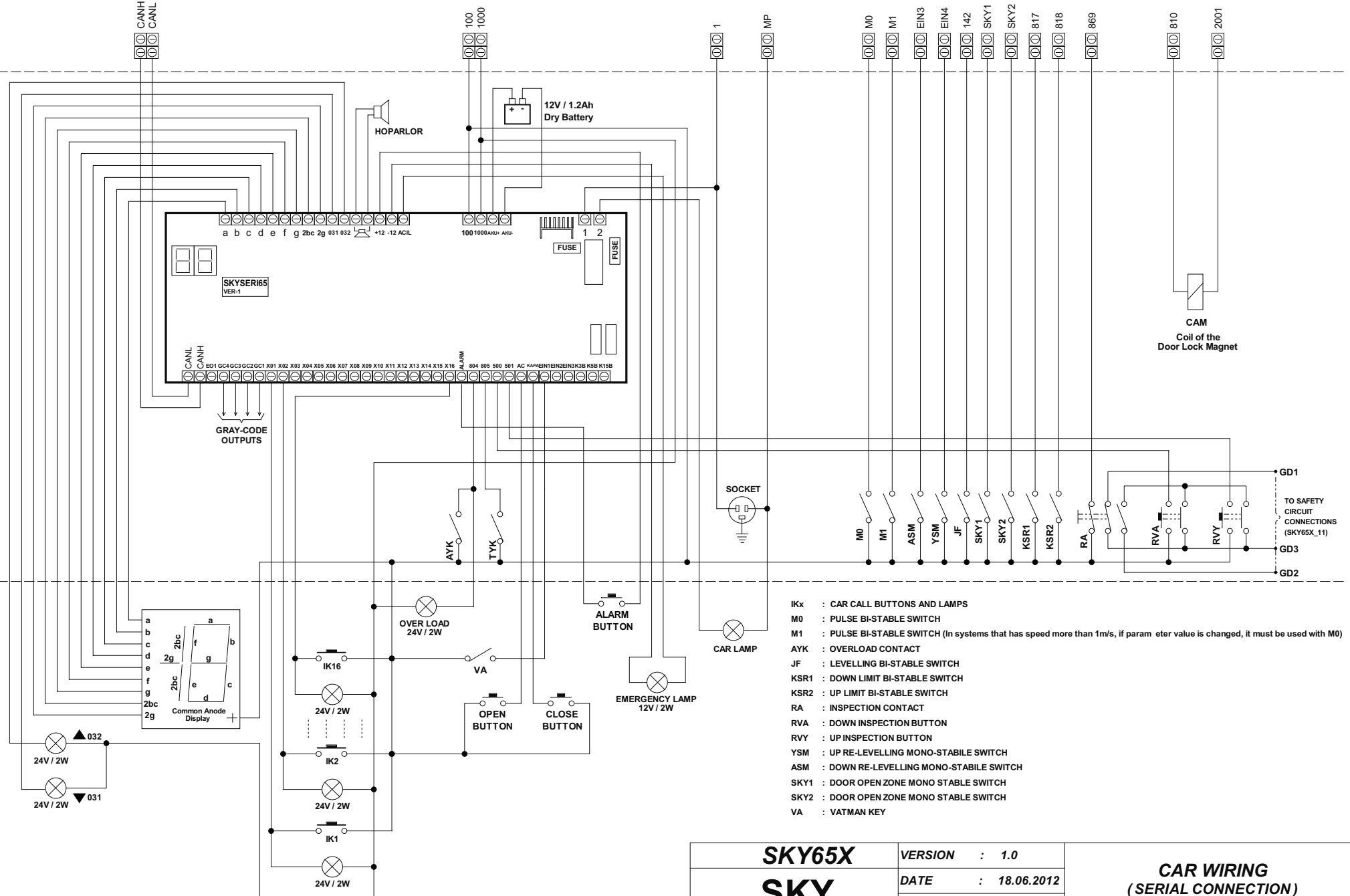
VERSION : 1.0
DATE : 18.06.2012
SCHEME NO : SKY65X_18

SKY65X CALL DEFINITIONS
(PARALLEL WIRING)

CONTROL PANEL

TOP OF THE CAR

INSIDE THE CAR



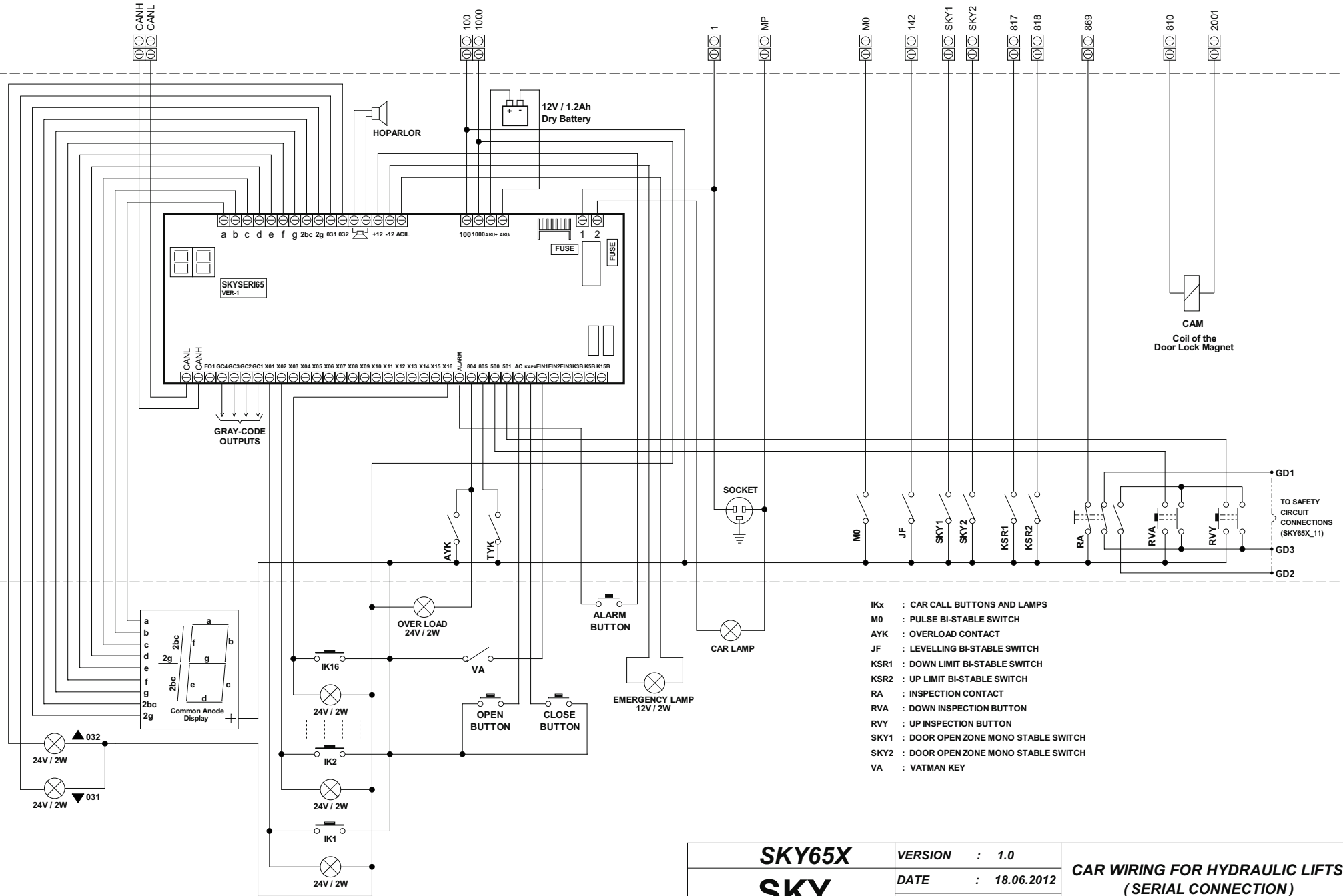
- IKx : CAR CALL BUTTONS AND LAMPS
- M0 : PULSE BI-STABLE SWITCH
- M1 : PULSE BI-STABLE SWITCH (In systems that has speed more than 1m/s, if param eter value is changed, it must be used with M0)
- AYK : OVERLOAD CONTACT
- JF : LEVELLING BI-STABLE SWITCH
- KSR1 : DOWN LIMIT BI-STABLE SWITCH
- KSR2 : UP LIMIT BI-STABLE SWITCH
- RA : INSPECTION CONTACT
- RVA : DOWN INSPECTION BUTTON
- RVY : UP INSPECTION BUTTON
- YSM : UP RE-LEVELLING MONO-STABILE SWITCH
- ASM : DOWN RE-LEVELLING MONO-STABILE SWITCH
- SKY1 : DOOR OPEN ZONE MONO STABLE SWITCH
- SKY2 : DOOR OPEN ZONE MONO STABLE SWITCH
- VA : VATMAN KEY

SKY65X SKY	VERSION : 1.0	CAR WIRING (SERIAL CONNECTION)
	DATE : 18.06.2012	
	SCHEME NO : SKY65X_20	

CONTROL PANEL

TOP OF THE CAR

INSIDE THE CAR



- IKx : CAR CALL BUTTONS AND LAMPS
- M0 : PULSE BI-STABLE SWITCH
- AYK : OVERLOAD CONTACT
- JF : LEVELLING BI-STABLE SWITCH
- KSR1 : DOWN LIMIT BI-STABLE SWITCH
- KSR2 : UP LIMIT BI-STABLE SWITCH
- RA : INSPECTION CONTACT
- RVA : DOWN INSPECTION BUTTON
- RVY : UP INSPECTION BUTTON
- SKY1 : DOOR OPEN ZONE MONO STABLE SWITCH
- SKY2 : DOOR OPEN ZONE MONO STABLE SWITCH
- VA : VATMAN KEY

<p>SKY65X SKY</p>	VERSION : 1.0	<p>CAR WIRING FOR HYDRAULIC LIFTS (SERIAL CONNECTION)</p>
	DATE : 18.06.2012	
	SCHEME NO : SKY65X_21	