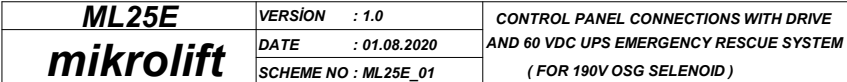
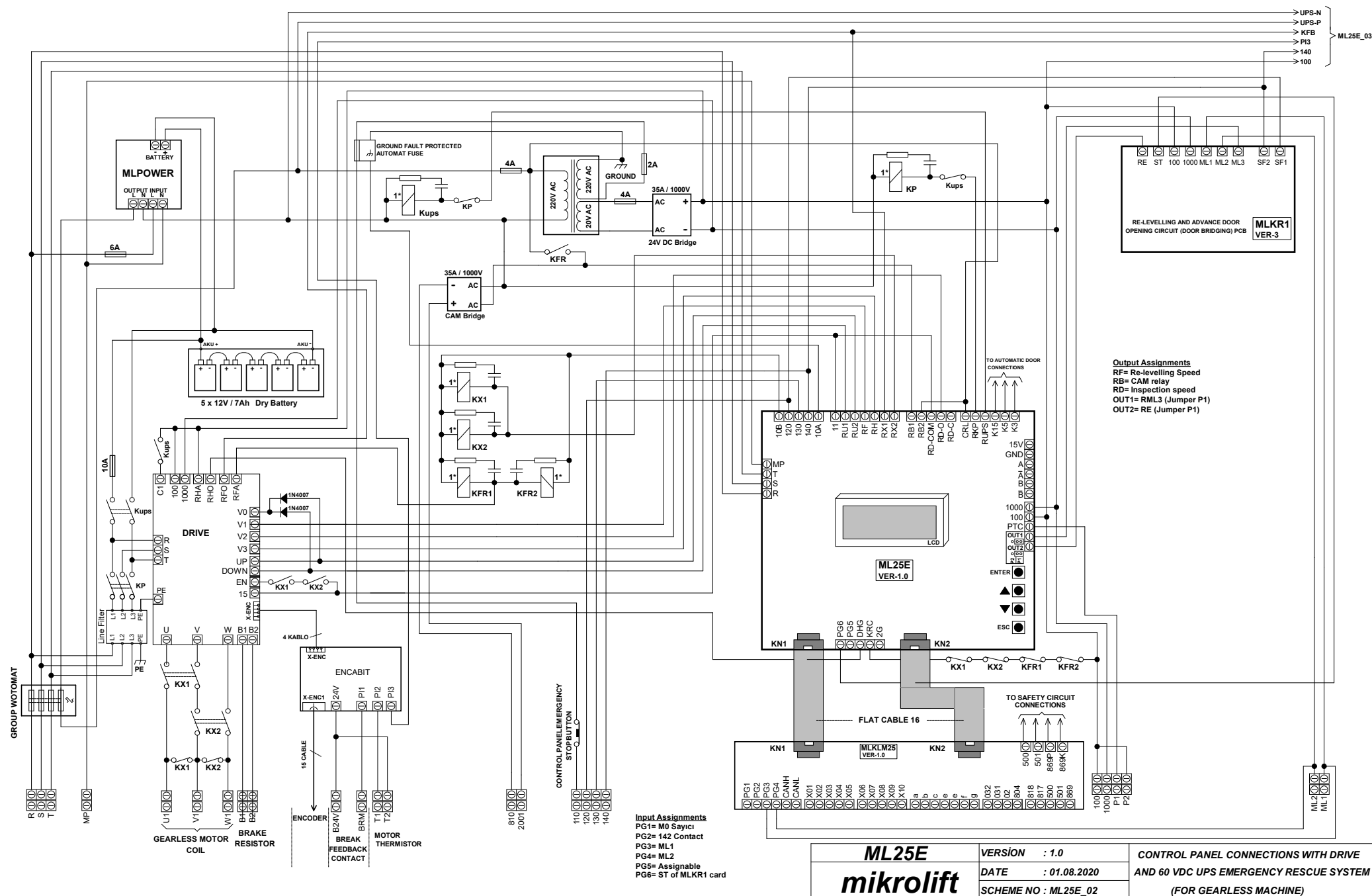
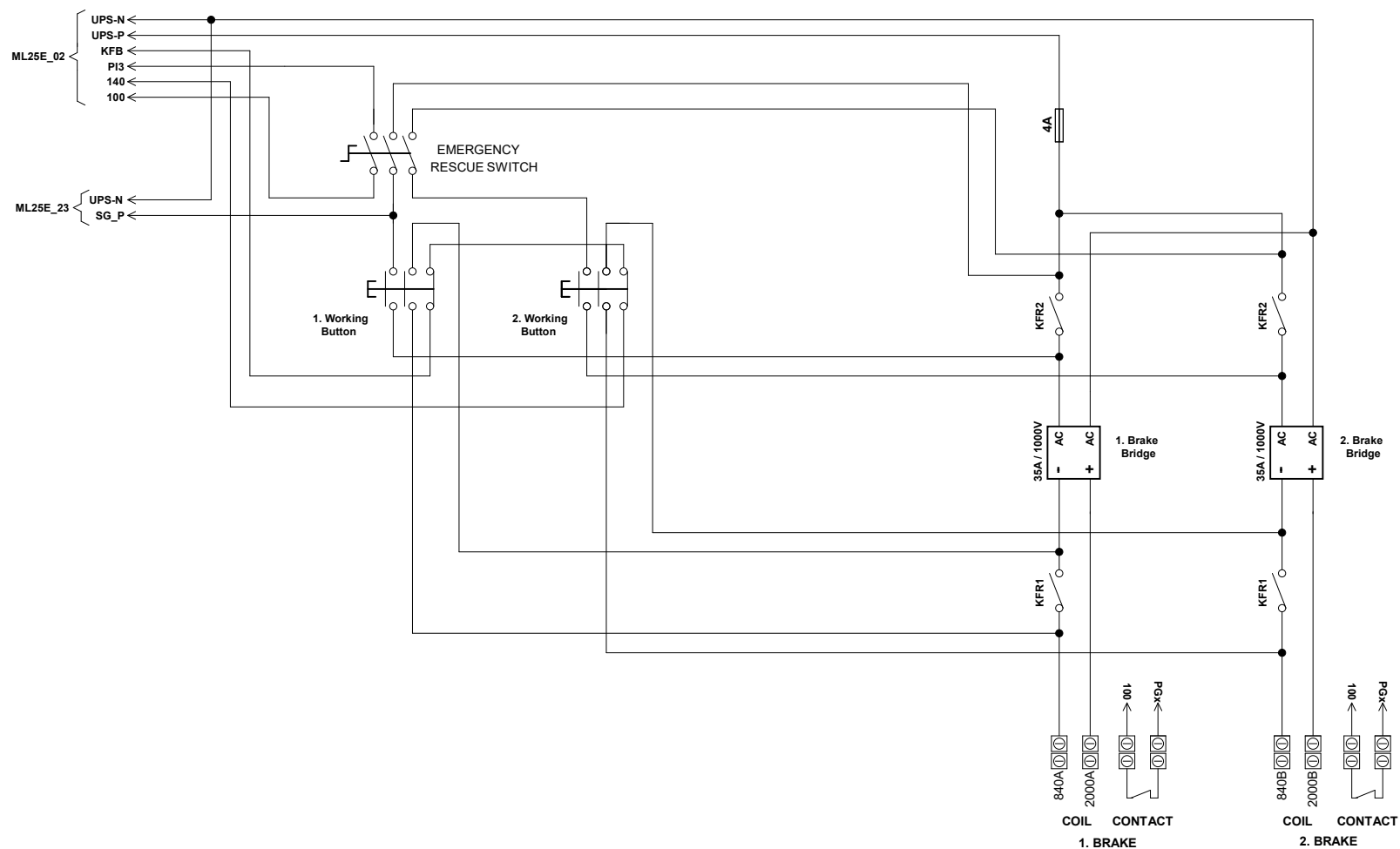


Output Assignments
 RF= Re-levelling Speed
 RB= CAM relay
 RD= Inspection speed
 OUT1= RML3 (Jumper F
 OUT2= RE (Jumper P1)



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



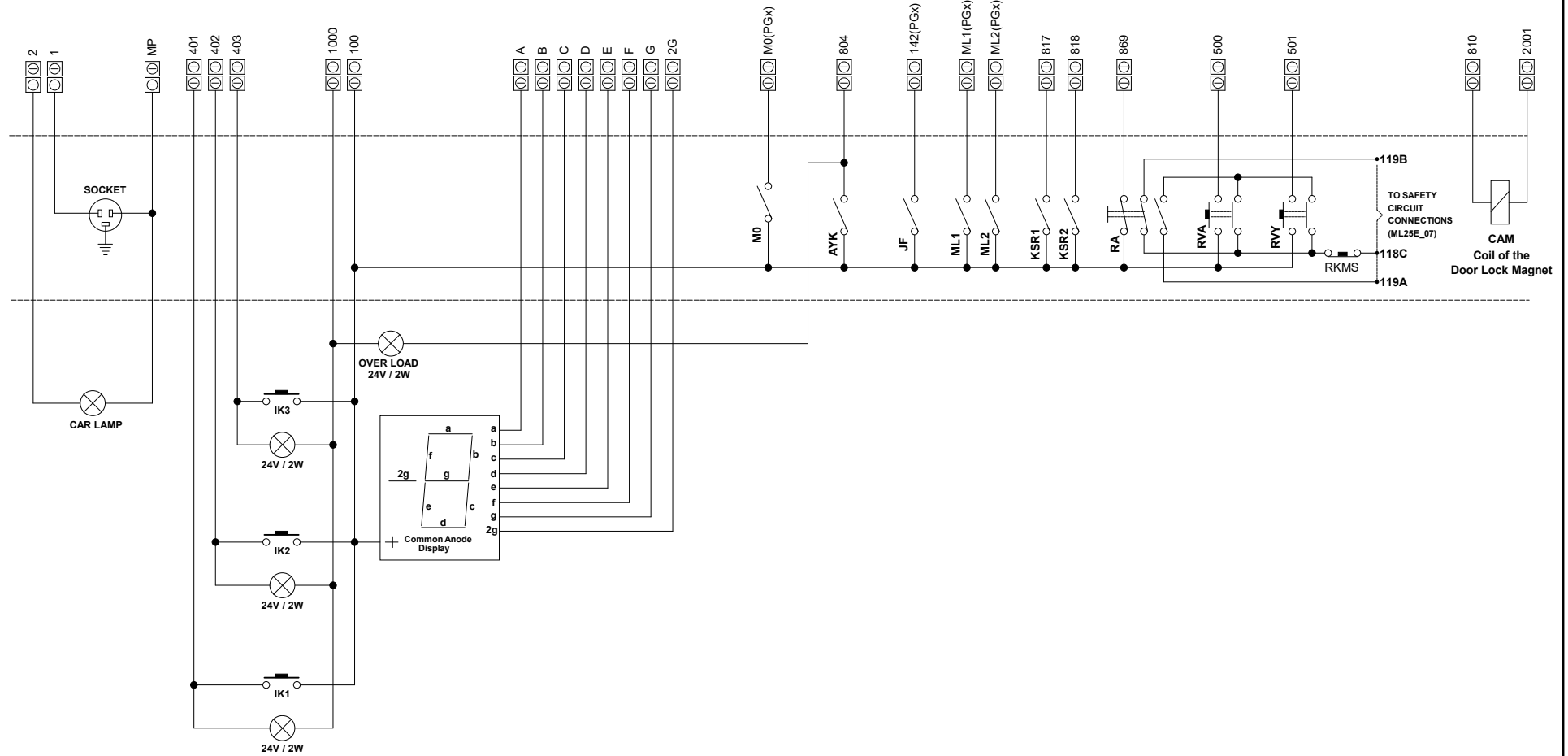


ML25E mikrolift	VERSION : 1.0	BRAKE CONNECTION FOR GEARLESS MACHINE
	DATE : 01.08.2020	
	SCHEME NO : ML25E_03	

CONTROL PANEL

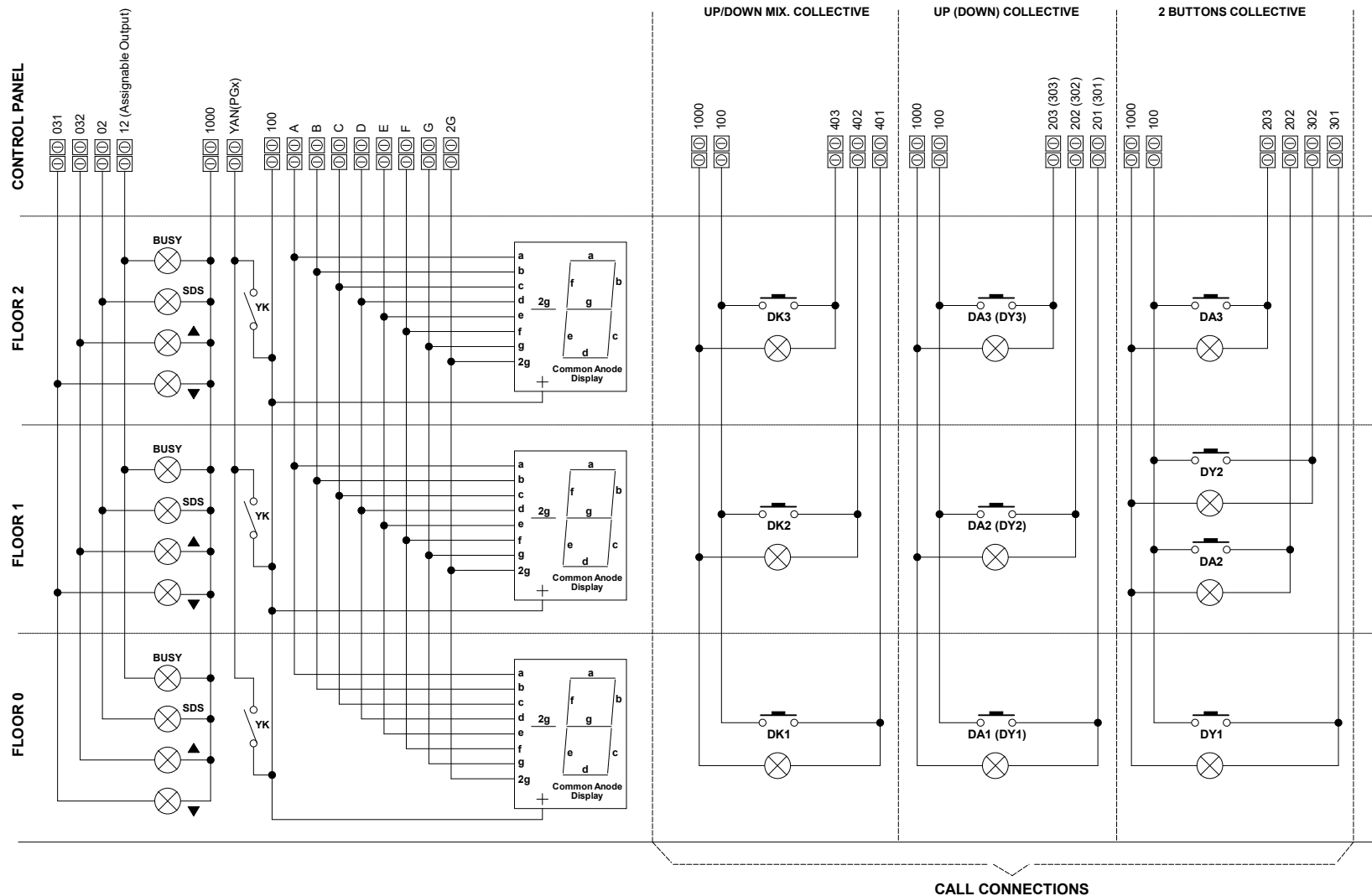
TOP OF THE CAR

INSIDE THE CAR

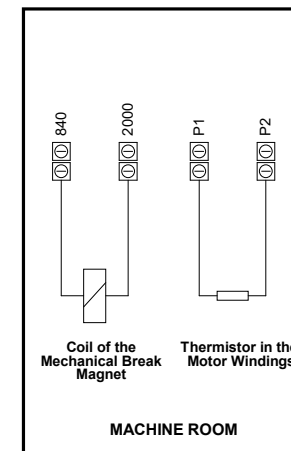


- IKx : CAR CALL BUTTONS AND LAMPS
- M0 : PULSE BI-STABLE SWITCH
- AYK : OVERLOAD CONTACT
- JF : LEVELLING BI-STABLE SWITCH
- KSR1 : DOWN LIMIT BI-STABLE SWITCH
- KSR2 : UP LIMIT BI-STABLE SWITCH
- RA : INSPECTION CONTACT
- RVA : DOWN INSPECTION BUTTON
- RVY : UP INSPECTION BUTTON
- ML1 : DOOR ZONE MONO-STABLE SWITCH
- ML2 : DOOR ZONE MONO-STABLE SWITCH

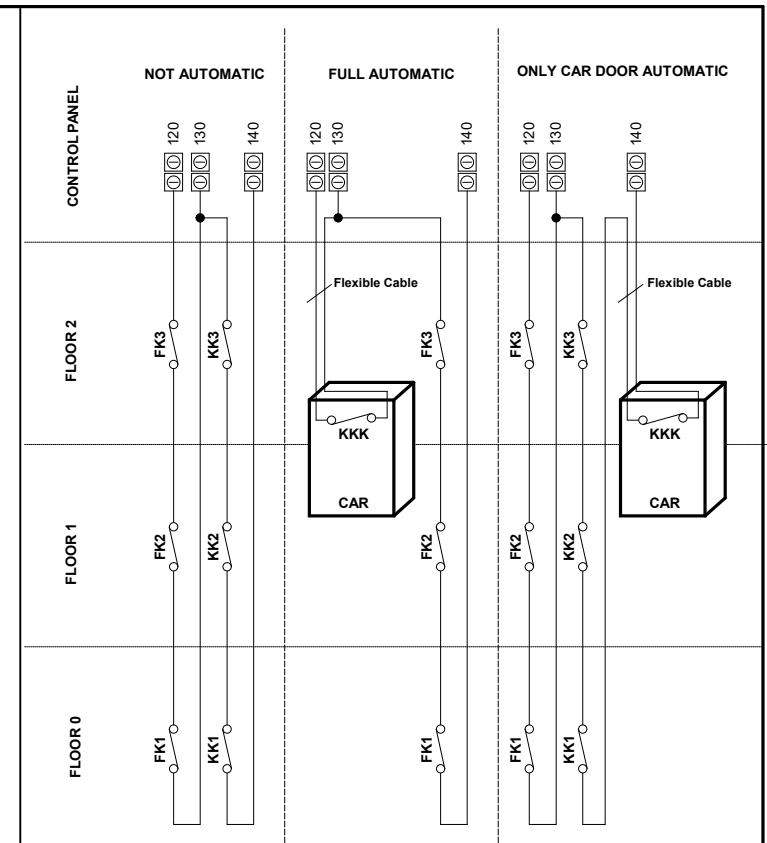
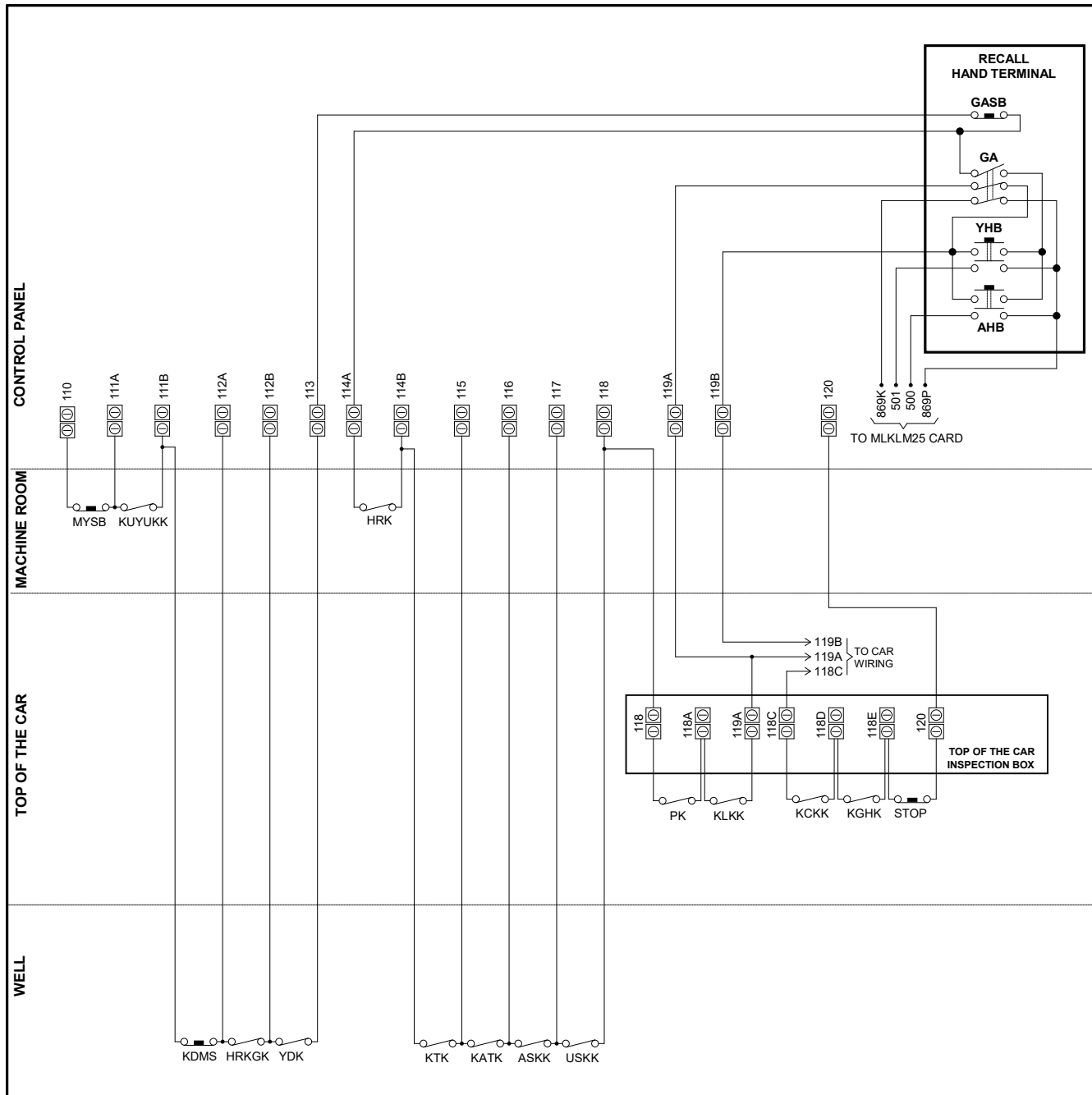
ML25E mikrolift	VERSION : 1.0	CAR WIRING
	DATE : 01.08.2020	
	SCHEME NO : ML25E_04	



- 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

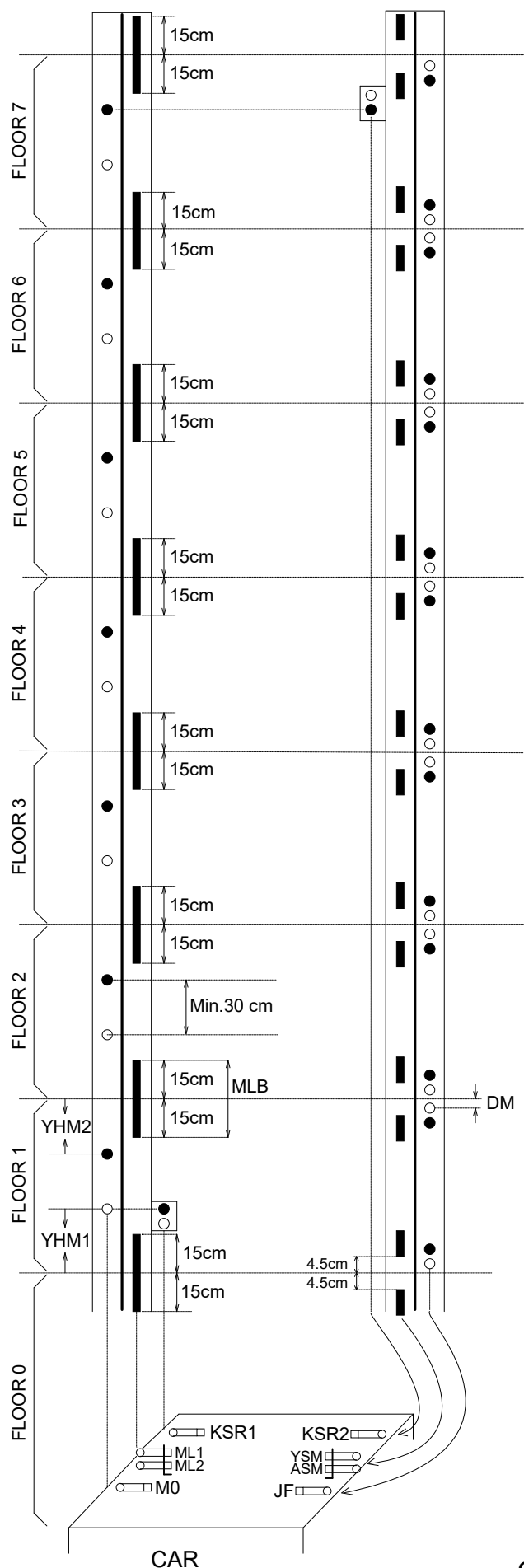


ML25E mikrolift	VERSION : 1.0	FLOOR WIRING MECHANICAL BREAK AND THERMISTOR CONNECTIONS
	DATE : 01.08.2020	
	SCHEME NO : ML25E_06	



- | | |
|---------------------------------------|----------------------------|
| MYSB : TRACTION GEAR STOP BUTTON | FKx : DOOR SOCKET SWITCHES |
| KUYUKK : WELL ACCESS CONTACT | KKx : DOOR LOCK SWITCHES |
| KDMS : PIT EMERGENCY STOP BUTTON | KKK : CAR DOOR SWITCH |
| HRKGK : TENSION WEIGHT CONTACT | |
| YDK : RESERVE CONTACT | |
| HRK : OVERSPEED GOVERNOR CONTACT | |
| KTK : BUFFER CONTACT | |
| KATK : COUNTER WEIGHT BUFFER CONTACT | |
| ASKK : PIT END LIMIT SWITCH CONTACT | |
| USKK : ULTIMATE LIMIT SWITCH CONTACT | |
| PK : SAFETY GEAR | |
| KLKK : CAR LIMIT SWITCH CONTACT | |
| 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 | |

ML25E mikrolift	VERSION : 1.0	SAFETY CIRCUIT CONNECTIONS
	DATE : 01.08.2020	
	SCHEME NO : ML25E_07	



- M0 : PULSE BI-STABLE SWITCH
 JF : LEVELLING BI-STABLE SWITCH
 KSR1 : DOWN LIMIT BI-STABLE SWITCH
 KSR2 : UP LIMIT BI-STABLE SWITCH
 ML1 : DOOR ZONE MONO-STABLE SWITCH
 ML2 : DOOR ZONE MONO-STABLE SWITCH
 DM : STOPPING DISTANCE
 YHM1 : LOW SPEED DISTANCE IN DOWN DIRECTION
 YHM2 : LOW SPEED DISTANCE IN UP DIRECTION
 MLB : DOOR ZONE
 YSM : UP RE-LEVELLING MONO-STABLE SWITCH
 ASM : DOWN RE-LEVELLING MONO-STABLE SWITCH

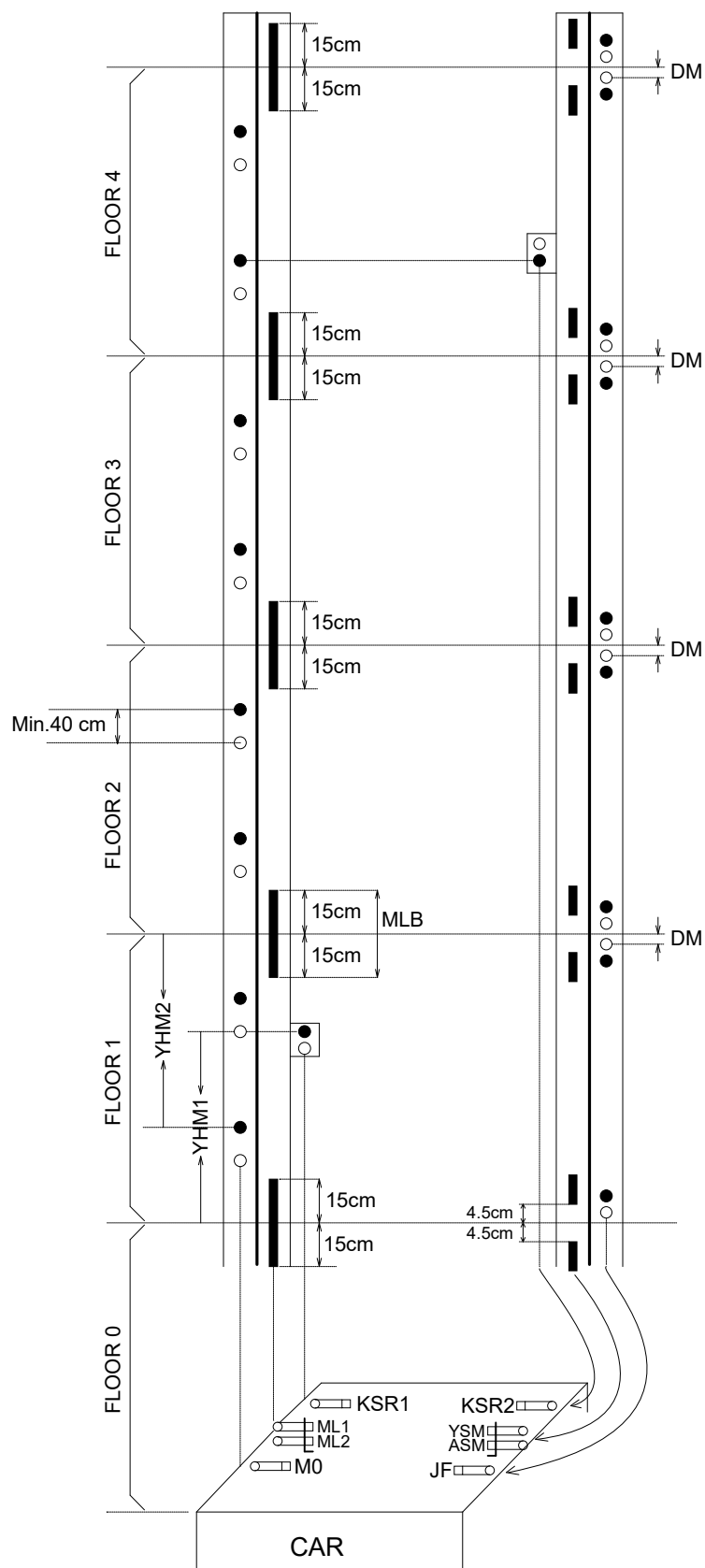
- : BI-STABLE SWITCH IS CLOSED
 ○ : BI-STABLE SWITCH IS OPEN

30cm : RIBBON MAGNET FOR DOOR ZONE

10cm : RIBBON MAGNET FOR RE-LEVELLING ZONE

CAUTION ! ML1,ML2,ASM,YSM Mono-Stable switches must be suitable to 14.1.2.5 article at EN81-1 standard.

ML25E mikrolift	VERSION : 1.0	2 MAGNETS M0 PULSE SYSTEM WITH ADVANCE DOOR OPENING OR RE-LEVELLING
	DATE : 01.08.2020	
	SCHEME NO : ML25E_08	



- M0 : PULSE BI-STABLE SWITCH
- JF : LEVELLING BI-STABLE SWITCH
- KSR1 : DOWN LIMIT BI-STABLE SWITCH
- KSR2 : UP LIMIT BI-STABLE SWITCH
- ML1 : DOOR ZONE MONO-STABLE SWITCH
- ML2 : DOOR ZONE MONO-STABLE SWITCH
- DM : STOPPING DISTANCE
- YHM1 : LOW SPEED DISTANCE IN DOWN DIRECTION
- YHM2 : LOW SPEED DISTANCE IN UP DIRECTION
- MLB : DOOR ZONE
- YSM : UP RE-LEVELLING MONO-STABLE SWITCH
- ASM : DOWN RE-LEVELLING MONO-STABLE SWITCH

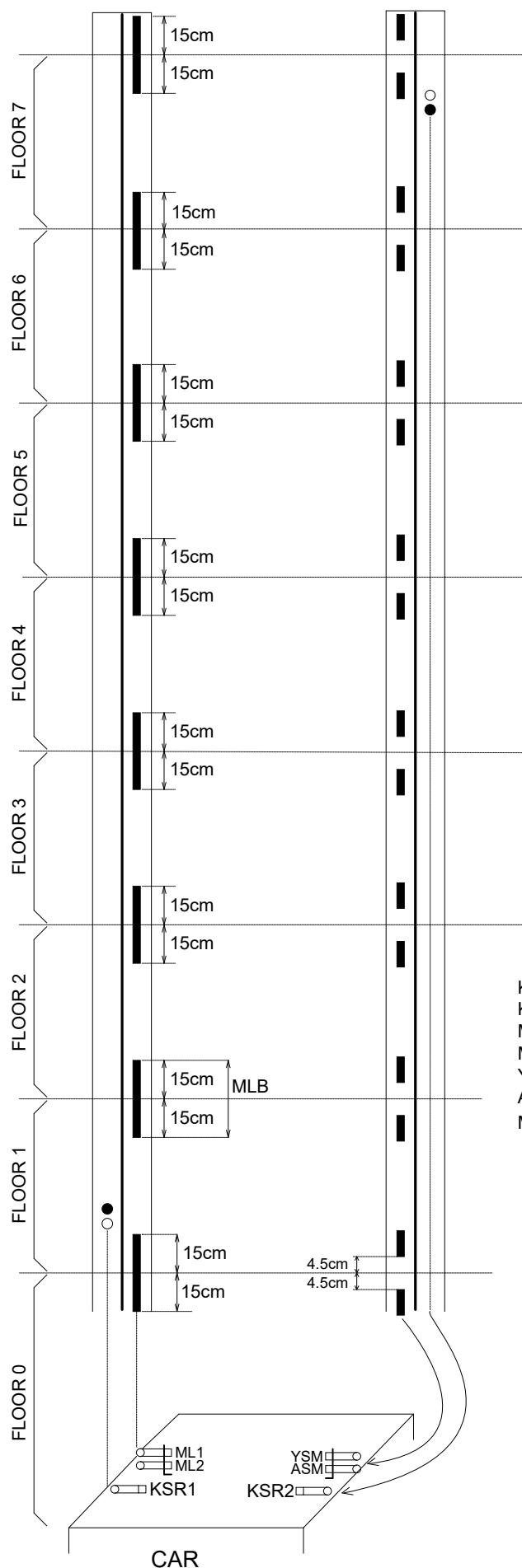
- : BI-STABLE SWITCH IS CLOSED
- : BI-STABLE SWITCH IS OPEN

30cm : RIBBON MAGNET FOR DOOR ZONE

10cm : RIBBON MAGNET FOR RE-LEVELLING ZONE

CAUTION ! ML1,ML2,ASM,YSM Mono-Stable switches must be suitable to 14.1.2.5 article at EN81-1 standard.

ML25E mikrolift	VERSION : 1.0	4 MAGNETS M0 PULSE SYSTEM WITH ADVANCE DOOR OPENING OR RE-LEVELLING
	DATE : 01.08.2020	
	SCHEME NO : ML25E_09	



KSR1 : DOWN LIMIT BI-STABLE SWITCH
 KSR2 : UP LIMIT BI-STABLE SWITCH
 ML1 : DOOR ZONE MONO-STABLE SWITCH
 ML2 : DOOR ZONE MONO-STABLE SWITCH
 YSM : UP DIRECTION LEVELLING MONO-STABLE SWITCH
 ASM : DOWN DIRECTION LEVELLING MONO-STABLE SWITCH
 MLB : 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 ! ML1 and ML2 Mono-Stable switches must be suitable to 14.1.2.5 article at EN81-1 standard.

ML25E mikrolift	VERSION : 1.0	SHAFT LEARNING MAGNET CONFIGURATION WITH ADVANCED DOOR OPENNING AND RE-LEVELLING
	DATE : 01.08.2020	
	SCHEME NO : ML25E_10	

1 AUTOMATIC DOOR CONNECTIONS
RUNNING WITH CAM SIGNAL

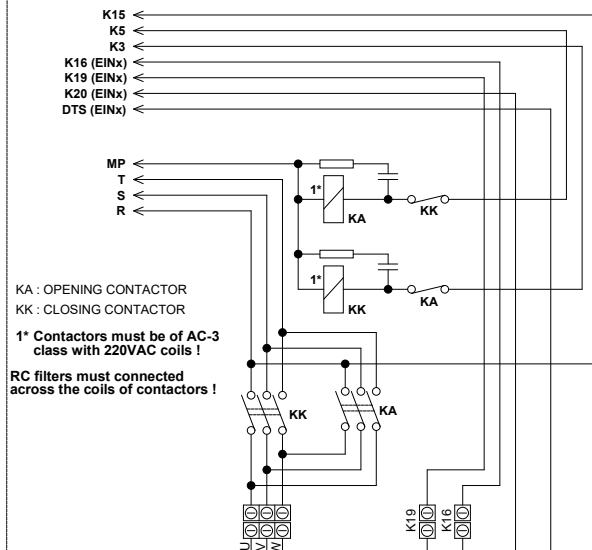
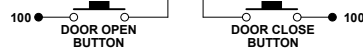
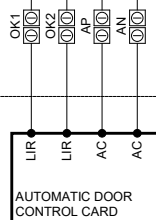
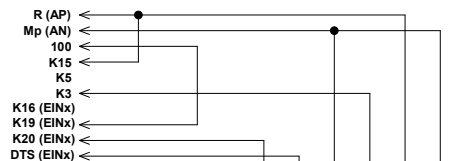
2 AUTOMATIC DOOR WITH 380VAC
3 PHASE MOTOR CONNECTIONS

3 AUTOMATIC DOOR CONNECTIONS
INCLUDING THEIR OWN CONTROL

CONTROL PANEL

TOP OF THE CAR

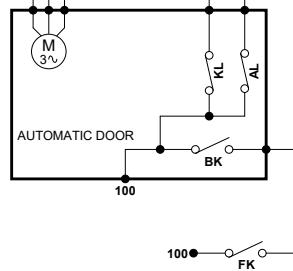
INSIDE
THE CAR



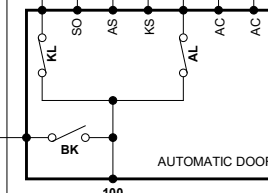
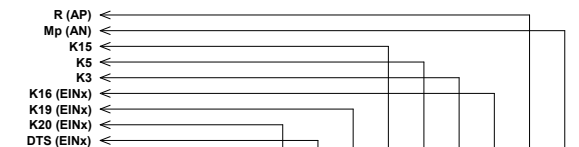
KA : OPENING CONTACTOR
KK : CLOSING CONTACTOR

1* Contactors must be of AC-3
class with 220VAC coils !

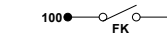
RC filters must be connected
across the coils of contactors !



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



ML25E
mikrolift

VERSION : 1.0
DATE : 01.08.2020
SCHEME NO : ML25E_11

AUTOMATIC DOOR CONNECTIONS

TOP OF THE CAR CONNECTION

PARALLEL

		CALL TERMINALS AT MLKLM25 BOARD									
		X01	X02	X03	X04	X05	X06	X07	X08	X09	X10
1	İÇ / DIŞ KARIŞIK TOPLAMA (2 - 10 KAT)	401-401-401-	402-402-402-	403-403-403-	404-404-404-	405-405-405-	406-406-406-	407-407-407-	408-408-408-	409-409-409-	410-410-410-
2	AŞAĞI YÖN TOPLAMA (2 - 5 KAT)	401-401-401-	402-402-402-	403-403-403-	404-404-404-	405-405-405-	406-406-406-	407-407-407-	408-408-408-	409-409-409-	410-410-410-
3	YUKARI YÖN TOPLAMA (2 - 5 KAT)	401-401-401-	402-402-402-	403-403-403-	404-404-404-	405-405-405-	406-406-406-	407-407-407-	408-408-408-	409-409-409-	410-410-410-
4	2 BUTON TOPLAMA (2 - 4 KAT)	401-401-401-	402-402-402-	403-403-403-	404-404-404-	405-405-405-	406-406-406-	407-407-407-	408-408-408-	409-409-409-	410-410-410-

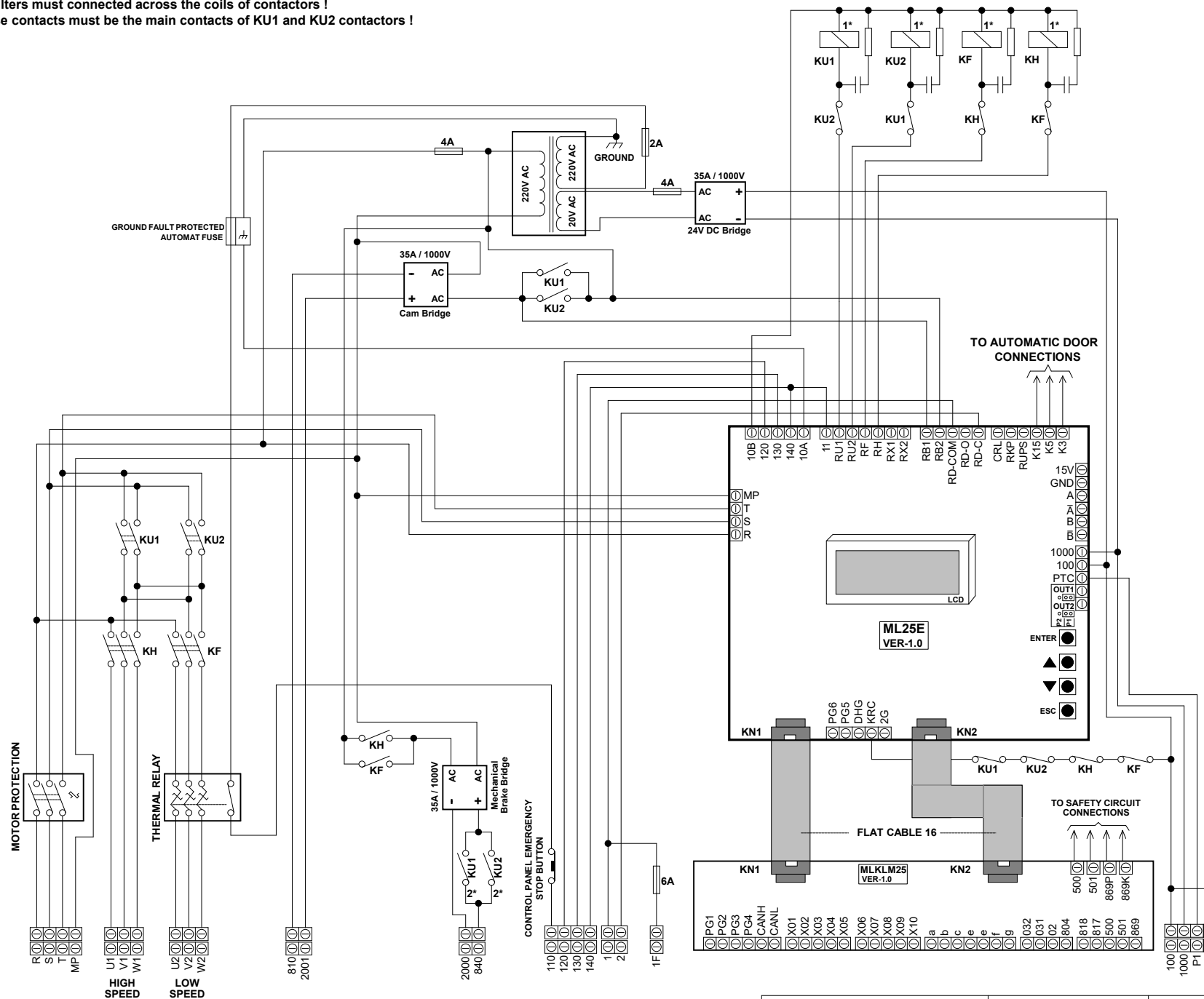
2XX = DOWN CALLS
3XX = UP CALLS
4XX = CAR CALLS

TOP OF THE CAR CONNECTION

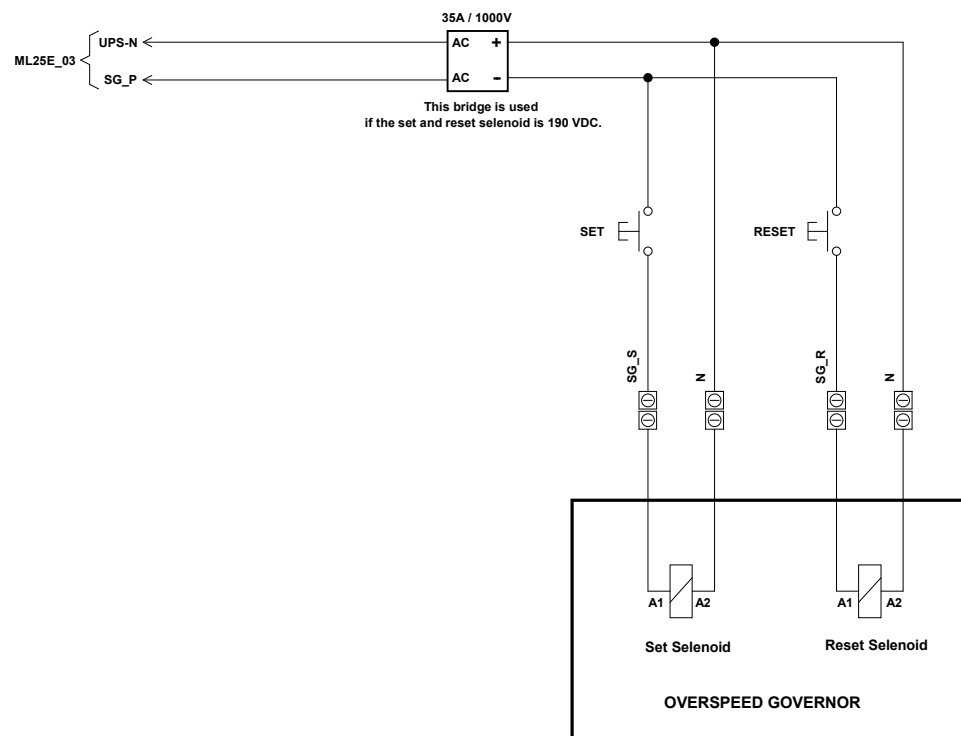
SERIAL

		CALL TERMINALS AT MLKLM25 BOARD											CALL TERMINALS AT MLSERI25 BOARD									
		X01	X02	X03	X04	X05	X06	X07	X08	X09	X10		X01	X02	X03	X04	X05	X06	X07	X08	X09	X10
1	İÇ / DIŞ KARIŞIK TOPLAMA (2 - 10 KAT)	301-301-201-401-	302-302-202-402-	303-303-203-403-	304-304-204-404-	305-305-205-405-	306-306-206-406-	307-307-207-407-	308-308-208-408-	309-309-209-409-	310-310-210-410-		401-401-401-401-	402-402-402-402-	403-403-403-403-	404-404-404-404-	405-405-405-405-	406-406-406-406-	407-407-407-407-	408-408-408-408-	409-409-409-409-	410-410-410-410-
2	AŞAĞI YÖN TOPLAMA (2 - 10 KAT)	301-301-201-401-	302-302-202-402-	303-303-203-403-	304-304-204-404-	305-305-205-405-	306-306-206-406-	307-307-207-407-	308-308-208-408-	309-309-209-409-	310-310-210-410-		401-401-401-401-	402-402-402-402-	403-403-403-403-	404-404-404-404-	405-405-405-405-	406-406-406-406-	407-407-407-407-	408-408-408-408-	409-409-409-409-	410-410-410-410-
3	YUKARI YÖN TOPLAMA (2 - 10 KAT)	301-301-201-401-	302-302-202-402-	303-303-203-403-	304-304-204-404-	305-305-205-405-	306-306-206-406-	307-307-207-407-	308-308-208-408-	309-309-209-409-	310-310-210-410-		401-401-401-401-	402-402-402-402-	403-403-403-403-	404-404-404-404-	405-405-405-405-	406-406-406-406-	407-407-407-407-	408-408-408-408-	409-409-409-409-	410-410-410-410-
4	2 BUTON TOPLAMA (2 - 6 KAT)	301-301-201-401-	302-302-202-402-	303-303-203-403-	304-304-204-404-	305-305-205-405-	306-306-206-406-	307-307-207-407-	308-308-208-408-	309-309-209-409-	310-310-210-410-		401-401-401-401-	402-402-402-402-	403-403-403-403-	404-404-404-404-	405-405-405-405-	406-406-406-406-	407-407-407-407-	408-408-408-408-	409-409-409-409-	410-410-410-410-

- 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 KU1 and KU2 contactors !



ML25E mikrolift	VERSION : 1.0	TWO SPEED CONTROL PANEL CONNECTIONS
	DATE : 01.08.2020	
	SCHEME NO : ML25E_13	



ML25E mikrolift	VERSION : 1.0	REMOTE CONTROL FOR OVERSPEED GOVERNOR
	DATE : 01.08.2020	
	SCHEME NO : ML25E_23	