



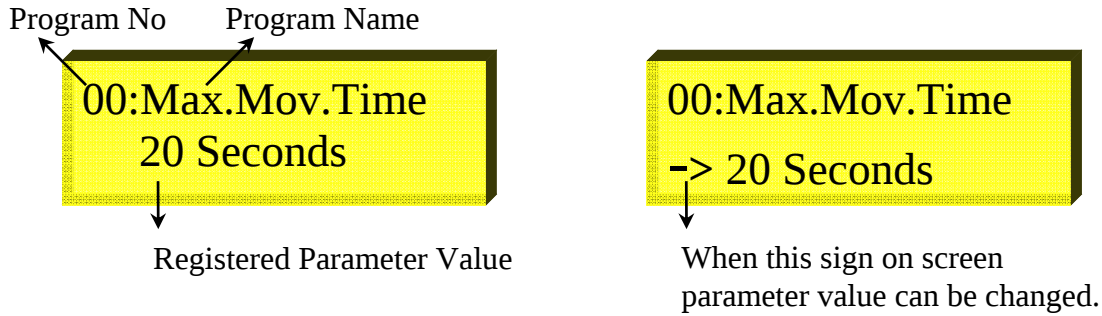
CAUTION !

*If your Lift System uses,
MLKS10 Emergency Rescue System
you must do the below applications.*

- One of the caution stickers given by Mikrolift must be stuck on **CONTROL PANEL**, and the other one must be stuck on a place that can be seen at the **MACHINE ROOM** enter.
- In the Control Panel; Motor Protection (Main Thermal Relay) must have an open contact and **SAFETY CIRCUIT** must be passed on from this contact.
- W-automat fuse that belongs to lift in electric panel at machine room must be used **4 POLE** and **SAFETY CIRCUIT** must be connected to one of these poles as serial (**KG1-KG2**).

MLKS10-S PROGRAMMING (Ver:1.3)

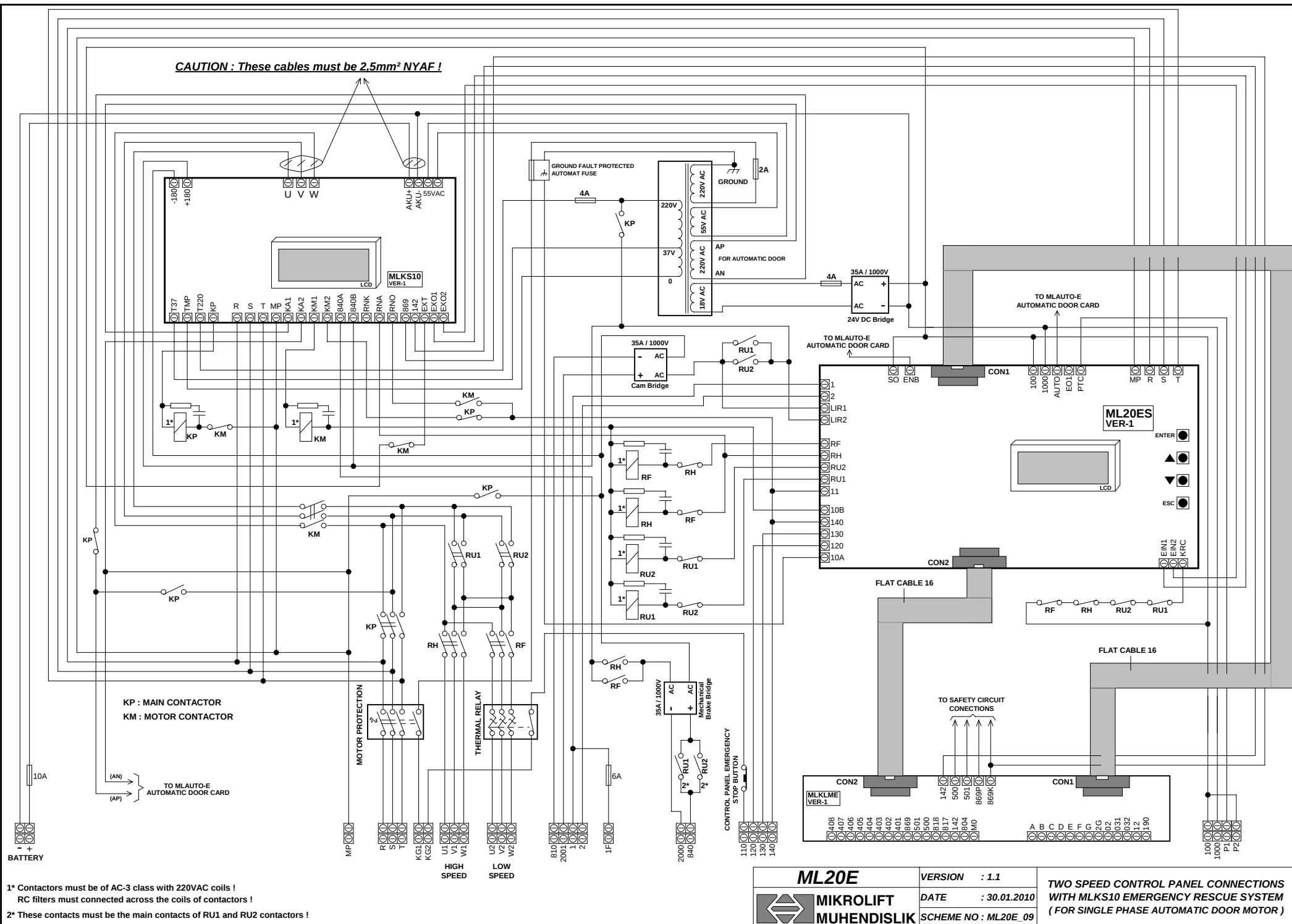
- To enter to programming, first battery fuse must taken to “OFF” position. 55V supply voltage of MLKS10 board is cut off, when the voltage is applied again by pressing ENTER button for 2 seconds, programming mode starts.



- You can choose any program by using UP and DOWN buttons.
- To exit the programming mode ESC button in the main menu is used, “Exit Program” is displayed on LCD screen. Press the ENTER button and exit the programming mode; to return the main menu again press the ESC button.
- When ENTER button in the main menu is pressed, the program on the screen starts.
- If the program has parameter, an arrow appears at the beginning of the second line of LCD screen. You can change the parameter value by using UP and DOWN buttons. To store the value, press the ENTER button and return the main menu. By pressing the ESC button the registered value is valid and you can return the main menu. If the program is a function, it is run and “Okey” appears on LCD screen.

Program	Factory Set	Parameters / Explanations
00:Max.Mov.Time	20 Seconds	10-200 Seconds (Chosing maximum movement time)
01:Start Delay	05 Seconds	00-100 Seconds (Chosing waiting time before rescue)
02:JFMove.Time	0,0 Second	0,0-10,0 Seconds (In speed control systems, chosing the needed movement time to reach the floor after detected limit switch)
03:JFCont.Select	OpenAtFloor	OpenAtFloor - ClosedAtFloor (chosing levelling bi-stable switch information)
04:FirstMov.Dir.	Up	Up - Down (Chosing first movement direction)
05:Mot.Frequency	6,0 Hz	3,0-10,0 Hz (Chosing motor frequency)
06:Auto.DoorType	Single Phase	Single Phase – Three Phase – ContactOutput (Chosing automatic door type)
07:A.DoorOpenT.	05 Seconds	00-30 Seconds (Chosing automatic door opening time)
08:LockWaitTime	10 Seconds	02-30 Seconds (Chosing waiting time to come lock signal)
09:ConnectType	Internal	Internal - External (Chosing the connection type of the card as internal or external)
10:High Torque	02 Seconds	Passive, 1-5 Seconds (After opening the mechanical brake, time selection that will be reached to set motor frequency beginning from 1 Hz)
10:MotionControl	Active	Passive - Active (Working inside panel,controlling of KM contactor drop)
98:Language	English	Turkce - English
20:Factory Set ?		(All parameter values are changed into factory settings)

CAUTION : These cables must be 2.5mm² NYAF !



ML20E



VERSION : 1.1

DATE : 30.01.2010

SCHEME NO : ML20E_09

**TWO SPEED CONTROL PANEL CONNECTIONS
 WITH MLKS10 EMERGENCY RESCUE SYSTEM
 (FOR SINGLE PHASE AUTOMATIC DOOR MOTOR)**

