



UC CONTROLLER MANUAL



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LUMEN AUTOMATION

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PARAMETER PROGRAMMING MODE

USING THIS MODE WE CAN SET VARIOUS PARAMETERS AND TIMERS WHICH ARE AFFECTING NORMAL OPERATION OF LIFT. NORMALLY THESE ARE USEFUL AT THE TIME OF NEW INSTALLATION.

FOR ENTERING IN THIS MODE, LIFT SHOULD BE IN INSPECTION MODE, KEEP PRESSED 1 NO BUTTON ON MOTHERBOARD AND POWER ON THE CONTROLLER.

LCD DISPLAY "SETTING MENU" WILL APPEAR

LEAVE THE BUTTON AND NOW THE CONTROLLER WILL ASK FOR PASSWORD.

USE '2' NO BUTTON TO INCREASE DECREASE VALUE AND '3' NO BUTTON TO GO TO THE NEXT VALUE.

1. NO OF FLOOR

INDICATES THE NUMBER OF FLOORS. Eg. G+?

2. REED TYPE

INDICATES THE TYPE OF REED SYSTEM FOR FLOOR IDENTIFICATION. EITHER 3 REED/CARTOP OR ALLREED/FLOOR REED.

3. DOOR TYPE

SHOULD BE "AUTOMATIC DOOR" FOR AUTODOOR LIFT & "MANUAL DOOR" FOR MANUAL DOOR LIFT.

4. CLEAR ON STOP

INDICATES WHETHER ALLPENDING CALLS SHOULD BE CLEARED OR NOT, ON PRESSING STOP BUTTON. IF WE SET "YES", ALL CALL WILL BE CLEARED ON STOP.

5. DOOR OPEN TIMEOUT

THIS IS THE MAXIMUM ALLOWABLE TIME THE DO OUTPUT WILL BE ON BEFORE GETTING THE DOL SIGNAL.

6. DOOR HAULT TIME

7. DOOR JAM TIME

THIS IS THE MAXIMUM ALLOWABLE TIME THE DOOR MOTOR WILL TRY TO CLOSE THE DOOR IF THE DOOR CANNOT GET CLOSED WITHIN THIS MUCH TIME.

8. FAN OFF TIMEOUT

THIS INDICATES TIME FOR CABIN FAN CONTINUES TO BE ON AFTER HAULT TIMER STOPS. IF YOU SET HAULT TIMER= 2 SEC AND FAN TIME= 10 SEC, CABIN FAN WILL BE CUT OFF AFTER 12SEC.

9. FLOOR HAULT TIME

INDICATES STOPPAGE TIME OF LIFT ON A FLOOR, IF MULTIPLE CALLS ARE PRESENT AT A TIME.

10. DOOR TO MOTOR TIME

THIS DEFINES THE TIME PERIOD BETWEEN DOOR CLOSED AND MAIN MOTOR STARTS.

11. RAMP ON TIME

INDICATES TIME IN SEC FOR WHICH RAM BECOMES ON BEFORE GETTING LANDING INTERLOCK.

12. RAMP OFF TIME

INDICATES TIME IT WILL CONTINUE ON AFTER MAIN MOTOR AND BRAKE STOPS.

13. RAMP ON OFF NUMBER

TOTAL NUMBER OF TIMES THE RETURNING CAM STRIKES IF LANDING INTERLOCK IS MISSING.

14. MOTOR TO DOOR TIME

THIS DEFINES TIME PERIOD BETWEEN MAIN MOTOR STOPPED AND DOOR MOTOR STARTS FOR OPENING.

15. DOOR LOCK CHECK

IF WE SET "YES", CONTROLLER WILL NOT ALLOW BYPASS (JUMPER) CAR INTERLOCK AND LANDING INTERLOCK. THE CONTROLLER WILL STOP OPERATION

16. FIRE FLOOR

FLOOR AT WHICH LIFT WILL GO AT THE TIME IN WHICH FIRE INPUT WILL BE ENABLED.

17. V3F

YES/NO.

YES=MAIN MOTOR V3F/2 SPEED MODE.

NO= MAIN MOTOR SINGLE SPEED MODE

18. UPS FUNCTION

UPS BATTERY BACKUP SUPPORT ENABLE OR DISABLE.

YES= ENABLE

NO= DISABLE

19. 3 PHASE ON TIME

20. 1 PHASE ON TIME

21. FULL COLLECTIVE

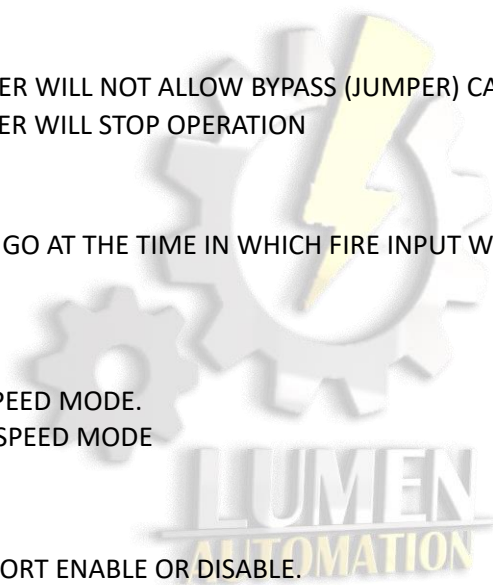
NOT SUPPORTED AT THIS TIME. WE SUPPORT DOWN COLLECTIVE ONLY.

22. UFC

TO SELECT WHETHER UP DIRECTION LIMIT IS NORMALLY OPEN (NO) OR NORMALLY CLOSE (NC).

23. DFC

TO SELECT WHETHER DOWN DIRECTION LIMIT IS NORMALLY OPEN (NO) OR NORMALLY CLOSE (NC).



24. USL

TO SELECT WHETHER UP SLOW LIMIT IS NORMALLY OPEN (NO) OR NORMALLY CLOSE (NC).

25. DSL

TO SELECT WHETHER DOWN SLOW LIMIT IS NORMALLY OPEN (NO) OR NORMALLY CLOSE (NC).

26. INS

TO SELECT WHETHER INSPECTION INPUT IS NORMALLY OPEN (NO) OR NORMALLY CLOSE (NC).

27. OP_SLOW

TO SELECT WHETHER THE SLOW OUTPUT IS NORMALLY OPEN (NO) OR NORMALLY CLOSE (NC).

28. RE-LEVEL

REQUIRES IN HYDRAULIC LIFT TO RE-LEVEL THE ELEVATOR CAR DUE TO SLIPPAGE OF CAR FROM LEVELLING POSITION.

29. RE-LEVEL AUTO

YES=RE-LEVELLING FUNCTION WILL OCCOUR AUTOMATICALLY IF THE CAR SLIPS FROM THE LEVELLING POSITION AT THE TIME OF HAULTING.

NO= RELEVELLING FUNCTION WILL OCCOUR ONLY IF THE RELEVELLING SIGNAL IS ACTIVATED.

After successful programming, LCD display will show "PLEASE RESTART DEVICE".

POWER OF THE CONTROLLER AND ON IT AFTER SOMETIME.



DIPLAY SETTING OF FLOORS

TO GO TO DISPLAY SEETING OF FLOOR, KEEP PRESSED '3' NO BUTTON AND POWER THE CONTROLLER.

DISPLAY WILL SHOW "**FLOOR NO DISPLAY SETTING**".

FIND BELOW THE DECIMAL VALUE OF FLOOR SEETINGS.

FOR EXAMPLE, IF YOU WANT TO CHANGE THE DISPLAY OF GROUND FLOOR FROM '0' TO 'B'. YOU HAVE TO CHANGE THE GROUND FLOOR DISPLAY SETTING FROM 63 TO 124.

FLOOR NO	DECIMAL VALUE
0	63
1	6
2	91
3	79
4	102
5	109
6	125
7	7
8	127
9	111
B	124
U	62
T	120
P	115
G	61
H	118



CARE COUNT PROGRAMMING MODE

TO GO TO CARE COUNT SETTING, KEEP PRESSED '2' NO BUTTON AND POWER ON THE CONTROLLER.

ENTER INTO THE CARE COUNT MODE, DISPLAY WILL SHOW "HOUR/LOCK".

YOU CAN SET COUNT 1 HR TO 1500 HRS.

SET LOCK YES/NO?

IF YOU WANT SET LOCK MAKE IT YES. ELSE SET IT NO.

AFTER COUNTING IS COMPLETE THE LIFT WILL STOP WORKING AND LCD WILL SHOW " ERROR 402".



INPUT / OUTPUT PIN SETTING

BY USING THIS MODE, WE CAN SOLVE HARDWARE PROBLEM OF INPUTS AND OUTPUTS WITHOUT CHANGING ANY ELECTRONIC COMPONENT.

WE CAN CHANGE PIN NUMBER FOR A PARTICULAR SIGNAL.

BEFORE ENTERING IN TO THIS MODE, IT IS ADVISED TO DISCONNECT ALL MOTOR/DRIVE WIRE.

KEEP PRESSED '1' & '2' BUTTON AND POWER ON THE CONTROLLER UNTIL MESSAGE "INPUT/OUTPUT PIN SETTING" COMES ON LCD DISPLAY.

EXAMPLE

4TH FLOOR CAR CALL SIGNAL, PIN NO 4 IS NOT WORKING.

WE FOUND THAT PIN NO 6 IS UNCONNECTED/ VACANT.

WE WANT TO USE PIN NO 6 FOR 4TH FLOOR CAR CALL.

GO TO :

CABIN CALL 4 LED
CHANGE 004 TO 006.



CARD TEST

TO GET INTO THIS MODE PRESS 2 & 3.

