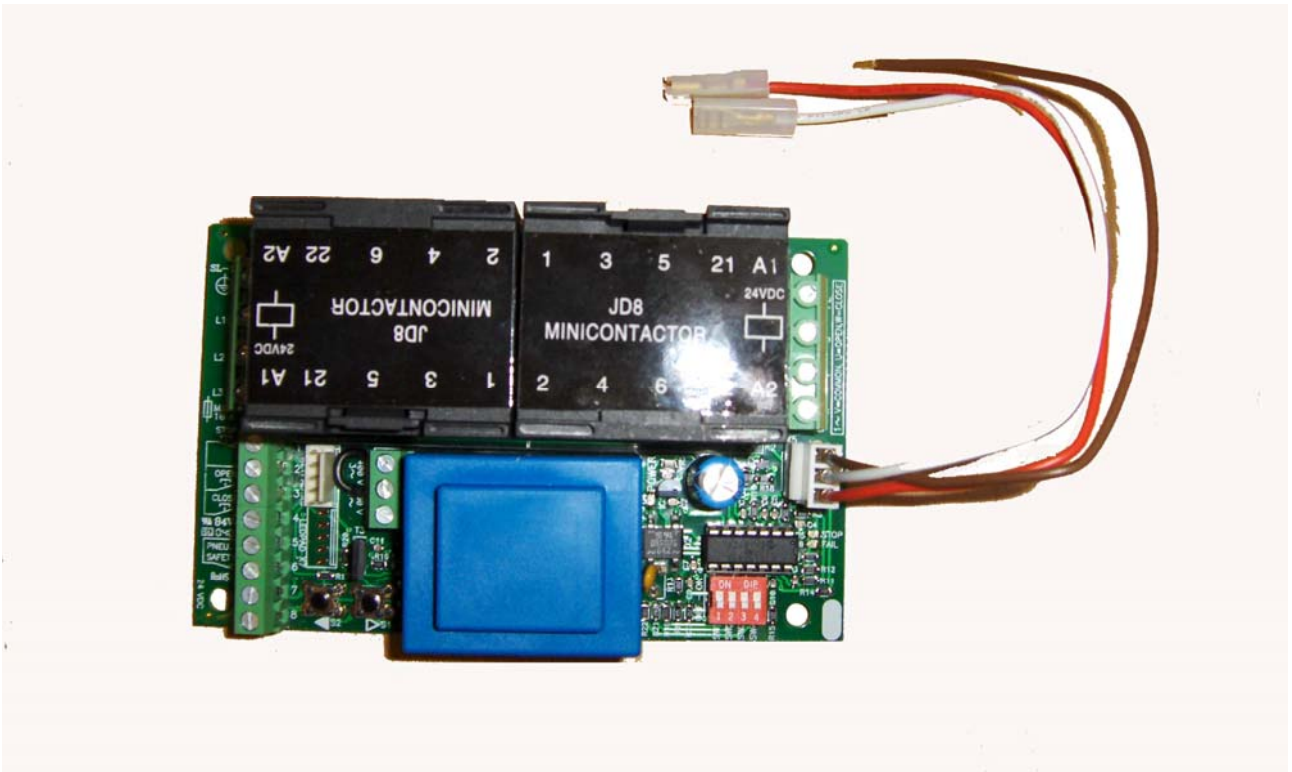
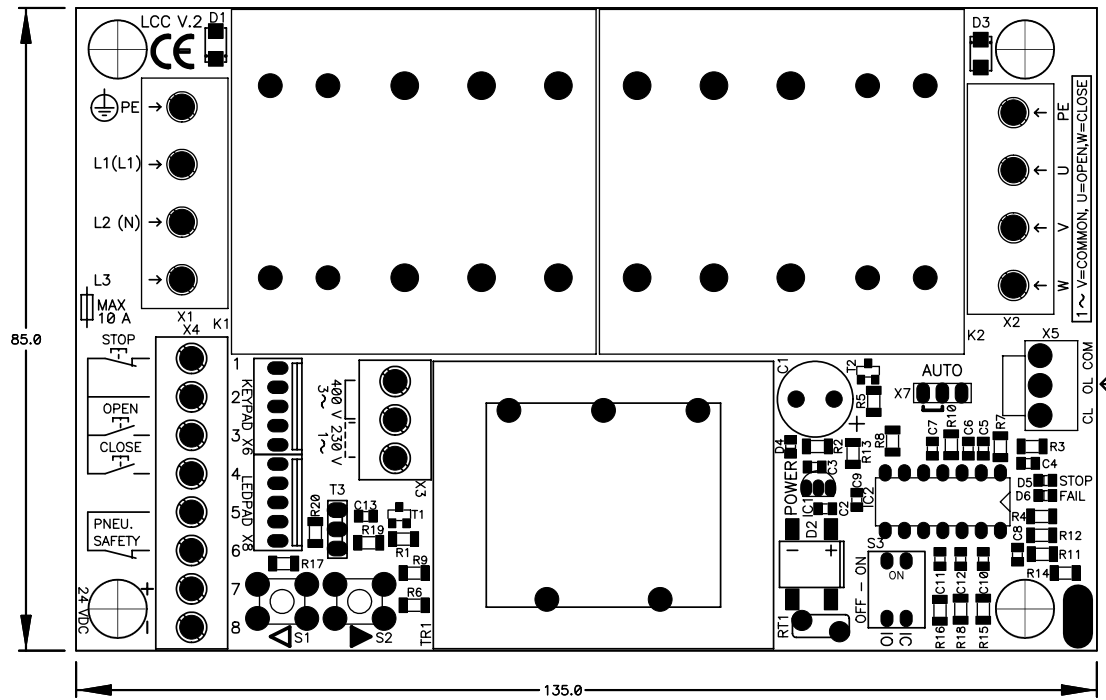


DALMATIC LCC V.2 DOOR CONTROL



14.02.07

LCC V.2
PCB 7-0099, R4706



← Molex connector for open and close limit switch

LCC V.2 programlog – UK – uProcessor PIC16F636-I/P

<p>Date: 23.01.2007</p>																	
<p>Programming: Program name: LCCV2-01.hex Processor: PIC16F636-I/P Device ID: Unprotected chksum Osc.: Internal RC No Clock Wdt.: ON PUT: ON Master Clear E. Internal CP: ON Data EE Protect: OFF BOD: BOD EN, SBOREN Dis. Internal sw. o. m. Disabled Monitor clock fail s. Disabled Wake up reset Disabled Cksum: D085</p>	<p style="text-align: center;">Program for LCC V.2 – 1 and 3 Phase motor</p> <p>(1) If SW1 and SW2 = OFF and safety edge activating under constant press on close the door will stop. If the safety edge activation disappear under the constant close press the door still will by stopped. To start the door running down again the close push-button must have been release.</p> <p>(2) With SW3 is ON the auto close function is selected. This function can only be selected with SW2 in ON position. The autoclosetime is preset to 15 Sec. by new processor. Reset of autoclosetime for new time learning is done by running the door to open position and the activating both the open and close P/B in minimum 5 Sec. When red LED start flashing, release the P/B. Thereafter wait the new wanted autoclosetime and then push the close P/B. Max autoclosetime i about 4 min. If max learningtime is exceeded, the red LED stop flashing and the autoclosetime is adjusted back to 15 Sec. Autoclosetime is remembered after power OFF. The autoclosetime learning can be done no matter the SW3 is in OFF position, but the autoclose function will only be active when the SW3 is in ON position.</p> <p>(3) With SW4 in ON position, the electronic afterrun and monitoring of edge is selected. When adjusting the door the SW4 is set to OFF. Close limit switch shall be adjusted such as the door is stopped 5 cm before the floor. After this change SW4 to ON. Clearing fail is done by closing the door in deadman mode (hold to run mode), keeping the close push-button ON until the door is stopped by signal from safety device.</p> <p>(4) The service LED is placed on a special membrane keypad with this LED, and connector X7 must be mounted. Reset of service indicating is done by activating the electronic counter and keep this active in min. 4 minutes. The controller will then automatic switch to normal run with service LED out.</p>																
<p>DIL switch configuration SW1 = impulse open (1) SW2 = impulse close (1) SW3 = Auto close (SW2 ON) (2) SW4 = Electronic afterrun/ edge monitoring (3)</p> <p>Active LED: Green = Power</p> <p>Red – flashing = Auto close time not learned – fixed light = Stop activated or open limit and close limit activated.</p> <p>Yellow – flashing = Fail state monitoring – fixed light = Active PNE when activating the close P/B</p> <p>STOP and FAIL LED = Used to indicate the counts on the electronic counter. See special description "Electronic counter".</p> <p>Service LED (Option) = Service indicate for every 1000 door openings (4)</p>	<p>In this hex file the program setup is:</p> <table style="width: 100%; border: none;"> <tr> <td>Reversetime (Open)</td> <td style="text-align: right;">= 0.50 sec.</td> </tr> <tr> <td>Reversetime (PNE/DW)</td> <td style="text-align: right;">= 0.25 sec.</td> </tr> <tr> <td>Auto close time</td> <td style="text-align: right;">= 1 – 240 sec. (adaptive)</td> </tr> <tr> <td>Runtime</td> <td style="text-align: right;">= 120 sec.</td> </tr> <tr> <td>Electronic afterrun</td> <td style="text-align: right;">= 0.3 sec.</td> </tr> <tr> <td>Dw fail afterrun</td> <td style="text-align: right;">= 0.5 sec.</td> </tr> <tr> <td>Opening counts, service interval (Option)</td> <td style="text-align: right;">= 1000 counts</td> </tr> <tr> <td>Reset time, Service LED (Option)</td> <td style="text-align: right;">= 240 sec.</td> </tr> </table>	Reversetime (Open)	= 0.50 sec.	Reversetime (PNE/DW)	= 0.25 sec.	Auto close time	= 1 – 240 sec. (adaptive)	Runtime	= 120 sec.	Electronic afterrun	= 0.3 sec.	Dw fail afterrun	= 0.5 sec.	Opening counts, service interval (Option)	= 1000 counts	Reset time, Service LED (Option)	= 240 sec.
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