

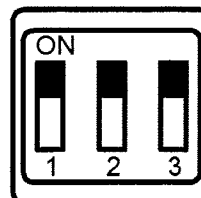
## 6.2 Programming by means of Programming Buttons on Motor or Programming Cable SG 5651

The following table shows the different steps required to program the final stops regardless of mains or low voltage switch type. If the Programming Cable SG 5651 is used to program the end stops, it is required to plug it into the Low Voltage Switch connection before programming.

Step	To do	Signal
1	Check if the DIP switch setting is correct (Setting according to Chapter 5.8). Use either 000 (mains) or 110 (LV) for ease of setting.	
2	Disconnect power supply of the motor for 5 seconds and make sure that the motor will have permanent power supply when reconnected. Typically unplug power lead from motor.	
3	Hold down programming button 1 and simultaneously reconnect power supply.	Acoustic Signal, LED blinks
4	Simultaneously press both buttons (1&2) and hold depressed for > 6 seconds. After 3 seconds motor will sound and the LED will flash. Do not release the buttons. Wait until motor sounds and LED flashes for the second time. Motor is then in programming mode for 3 minutes.	Acoustic Signal and LED blinks after 3 and 6 seconds respectively
5	Use programming button 1 to drive the system to the first end stop position. Then press both buttons simultaneously for 3 seconds. This end position is then stored.	Acoustic Signal and LED blinks 1 x
6	Use programming button 2 to drive the system to the other end stop position. Then press both buttons simultaneously for 3 seconds. This end position is then stored. Allow LED to go out before use.	Acoustic Signal and LED blinks 1 x

**DIP Switch  
Position**

**Operational Mode**



- 000** **Controlled by switched mains**  
 (off-off-off) Latching switch only  
 \*
- 110** **Controlled by low voltage switching** (requires permanent mains supply)  
 (on-on-off) Latching Switch: the motor will only run when the signal is present  
 \* (switch depressed). Standard switching for single switch control.  
 For multiple switch control use "non latching" switch with appropriate  
 DIP switch settings
- 100** **Non Latching Switch:** the motor will latch immediately it receives  
 (on-off-off) a momentary signal and will continue to the preset end position.  
 To stop the motor while it is running apply a short pulse signal in the  
 opposite direction.
- 011** **Latching Switch for manual/electric version:** as 110 but with  
 (off-on-on) manual facility enabled and limits disabled.
- 001** **Non Latching Switch for manual/electric version:** as 100 but with  
 (off-off-on) manual facility enabled and limits disabled.
- 010** **For Vertical Blinds only**  
 (off-on-off) Not currently used.
- 101** **Not currently used**  
 (on-off-on)
- 111** **Not applicable**  
 (on-on-on)

**\* Use for setting limits via programming buttons**

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