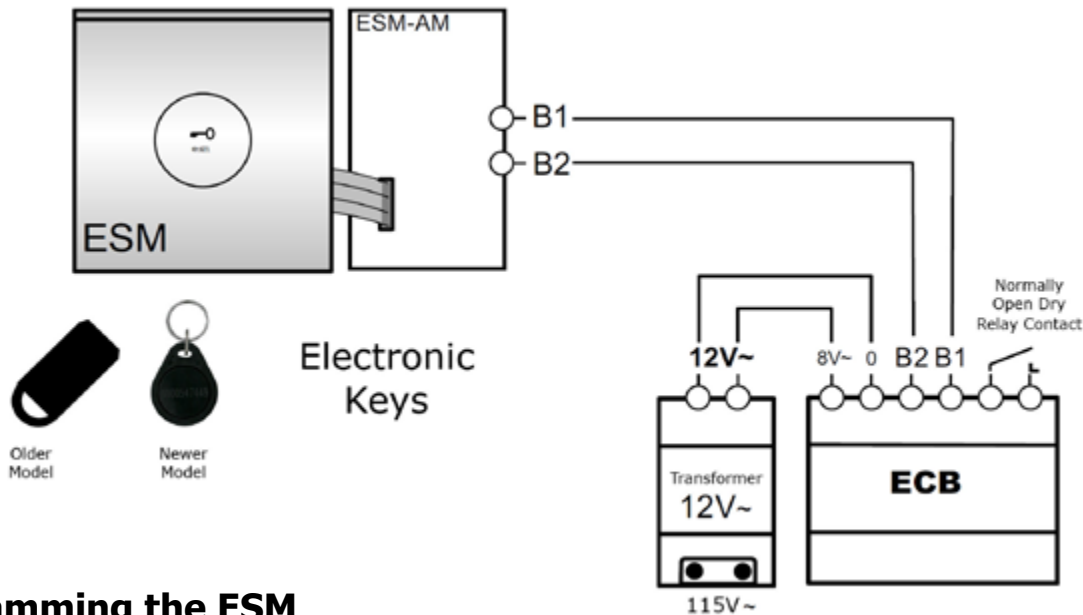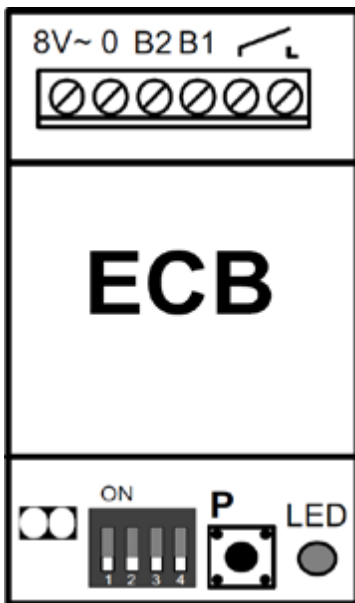# Electric Key Module/Proximatey Reader - ESM
Wiring Diagram / Programming Guide

Programming the ESM

1. Remove the Red Jumper to the left of Dip-Switches.
2. Press programming button (P) twice in quick succession . Programming Mode will be indicated by continuous illumination of the LED.
3. Slide DIP switch 2 upwards and hold each key in succession vertically in front of the ESM Module (distance: 1 cm). Hold each key in front of the ESM module for approximately 3 seconds. Storage of the key is confirmed with a short beep and the latching of the relay.
4. Pressing the programming button (P) to return the system to Operating Mode (LED flashes 'slow'). If in programming mode for more than 2 minutes no key is read, the system returns to the Operating Mode automatically.
5. Return the Red Jumper to the left of the Dip-Switches (This is a programming lock).

DIP Switch 1, Relay Time: 1.5 seconds (OFF) and 4.5 seconds (ON). By Default, Dipswitches 2, 3, and 4 are in the OFF position.

Deleting All Keys from ESM Memory

1. Remove the Red Jumper to the left of Dip-Switches.
2. Set Dip-Switches 3 and 4 to the ON position.
3. Press the programming button and hold it down until the LED starts flashing again.
4. Set Dip-Switches 3 and 4 back to the OFF position.
5. Return the Red Jumper to the left of the Dip-Switches (This is a programming lock).

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