# LED description

|  |  |  |
| --- | --- | --- |
| Position | Led color | Function |
| 1 | Red | AC Power |
| 2 | Green | DC Output |
| 3 | Amber | Battery Charge |
| 4 | Red | Battery Low Voltage |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Situation | 1 Red | 2 Green | 3 Aber | 4 Red |
| Battery charging | On | On | Flash | Off |
| Battery fully charged | On | On | On | Off |
| No AC, V-battery > 11±0.3 | Off | On | On | Off |
| No AC, 10±0.3<V-battery< 11±0.3 | Off | On | On | On |
| No AC, 10±0.3<V-battery | Off | Off | Off | Off |

# Cables

## Automation board

|  |  |
| --- | --- |
| Color | Designation |
| Green | 5V |
| Blue | Tx |
| Magenta | Rx |
| Grey | IO0 |
| White | GND |
| Black | GND |
| Brown | IO5 |
| Red | IO4 |
| Orange | 5V |

## Keypad

|  |  |
| --- | --- |
| Color | Designation |
| Brown | GND |
| Orange | 12V |
| White-Orange | COM |
| White-Brown | NO |

## Layout

5V

GND

5V

Mains

GND

5V

5V

2k

2k

Relayy