# Shelly Dimmer vs. Dimmer SL

| Feature | Shelly Dimmer | Shelly Dimmer SL |
|---|:---:|:---:|
| Can be operated along with momentary keys or push-button switches | ✓ | ✓ |
| Can connect to any Wi-Fi network or can operate as an Access Point | ✓ | ✓ |
| Complies with the following EU standards: <br> - RE Directive 2014/53/EU <br> - LVD 2006/95/WE <br> - EMC 2004/108/WE <br> - RoHS2 2011/65/UE | ✓ | ✓ |
| Controlled via WiFi and a mobile phone, computer, automation system or any other device supporting HTTP and/or UDP protocol and or MQTT. | ✓ | ✓ |
| Device temperature protection: 105°C | ✓ | ✓ |
| Dimensions (LxWxH): 42 x 36 x 14 mm | ✓ | ✓ |
| Dimmable LED : 50-200VA / 10W – 200W | ✓ | ✓ |
| Has an integrated power meter | ✓ | ✓(do not work when neutral line is not in use) |
| Incandescent and halogen light sources: 10-220W | ✓ | ✓ |
| Intelligent On/Off/Dimming | ✓ | ✓ |
| Microprocessor control | ✓ | ✓ |
| Minimum mounting opening: Ø ≥ 50mm | ✓ | ✓ |
| Operational current: 0.25-1.1A | ✓ | ✓ |
| Operational temperature: -0 to +35 °C | ✓ | ✓ |
| Overload and temperature protection | ✓ | ✓ |
| Power consumption: <1.5W | ✓ | ✓ |
| Power Supply: 110-240V ±10, 50/60Hz AC | ✓ | X |
| Power Supply: 200-240V ±10, 50Hz AC | ✓ | ✓ |
| Radio signal power: 1mW | ✓ | ✓ |
| Radiofrequency: 2400 – 2500 MHz | ✓ | ✓ |
| Range: up to 50 m outdoors and up to 30 m indoors (depending on the building materials) | ✓ | ✓ |
| Resistive-inductive loads ferromagnetic transformers: 50-150VA | ✓ | X |
| Wireless/WiFi Protocol: 802.11 b/g/n | ✓ | ✓ |
| Working without neutral line | X | ✓ |

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