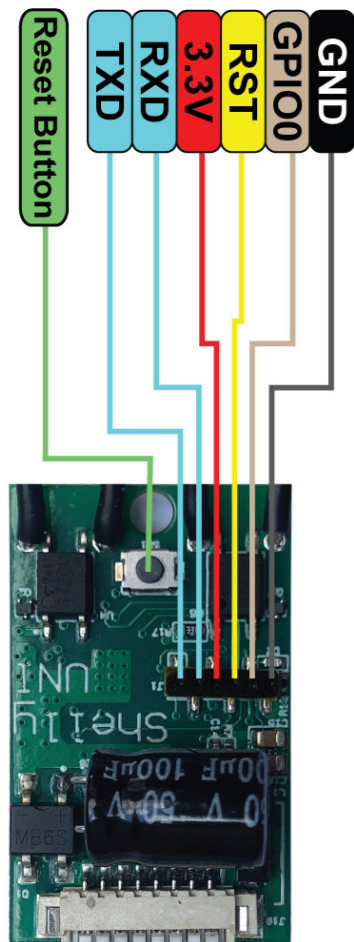




## DEVICE PINOUT



### Wi-Fi Connected

No HUB required – Connect Shelly Bulb directly to your Wi-Fi at home.



### Universally flexible power supply

Shelly UNI can be powered with the wide range of 12V-36V DC and 12V-24V AC.



### Universal ADC

The ADC range can measure any voltage from 0 to 30 VDC. Dual ranges from 0-12V and 12-30V give exceptionally high accuracy.



### Universal temperature & humidity sensors

Shelly UNI supports up to 3xDS18B20 temperature sensors or 1X humidity sensors, making it possible to trigger outputs, local and cloud scenes.



### Universal digital inputs

Includes 2 digital inputs, which can be support differing voltages and work separately from 2.2-36 VDC and 12-24 VAC.



### Potential Free Outputs

2 potential free outputs (dry contacts), up to 36 VDC or 24 VAC, providing the ability to switch a voltages different from the device power supply one.



### Universal protocols

Out of the box, Shelly UNI supports REST, MQTT, CoAP, Alexa, Google Home, and Samsung Smart Things, making it highly compatible with all major home automation platforms.



### Universal resistance

Even though there is no plastic shell, the transparent insulation layer over the chip protects it from high humidity, dust, and the threat of short circuits during its long working hours.

## THE INTELLIGENT WI-FI OPERATED IMPLANT

Make any old appliance smart! Shelly UNI is the smallest universal module with two available digital inputs and potential-free outputs, providing endless functionalities.

## TECHNICAL SPECIFICATIONS

<b>Power supply</b>	12V – 24 VAC, 12 – 36 VDC
<b>Inputs</b>	2 Separated digital inputs from 2.2-36 VDC and 12-24 VAC
<b>Outputs</b>	2 Potential free outputs up to 36 VDC and 24 VAC, max 100 mA each
<b>Power measurement</b>	1 ADC – dual ranges from 0-12V and 0-30V
<b>Channels</b>	2
<b>Working temperature</b>	-20°C ÷ 40°C
<b>Power consumption</b>	< 1W
<b>Complies with EU standards</b>	<ul style="list-style-type: none"> <li>• RED 2014/53/EU</li> <li>• LVD 2014/35/EU</li> <li>• EMC 2014/30/EU</li> <li>• RoHS2 2011/65/EU</li> </ul>
<b>Max RF power</b>	12.24 dBm
<b>Radio protocol</b>	Wi-Fi 802.11 b/g/n
<b>Frequency</b>	2401- 2495 MHz
<b>Operational range (depending on local construction)</b>	<ul style="list-style-type: none"> <li>• up to 50 m outdoors</li> <li>• up to 30 m indoors</li> </ul>
<b>Dimensions</b>	20x33x13 mm

- No HUB required.
- Wide range of voltage support.
- 2 digital inputs
- 2 potential-free outputs
- ADC range can measure any voltage from 0 to 30 VDC
- Supports up to 3xDS18B20 temperature sensors or 1X humidity sensors
- Transparent insulation layer over the chip protects it from high humidity, dust, and the threat of short circuits
- It can be integrated with all other Shelly devices.
- Compatible with Android, iOS, Amazon Alexa, Google Assistant, and home automation servers using MQTT, CoAP, and REST API.
- Easily make your Arduino project live and usable in your automation project.