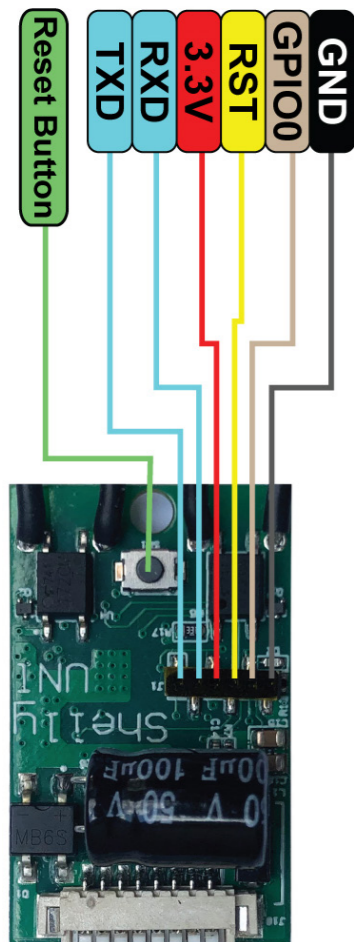




THE INTELLIGENT WI-FI OPERATED IMPLANT

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

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 2.2-36V DC and 12-24V AC.



Potential Free Outputs

2 potential free outputs (dry contacts), up to 36V DC or 24V AC, providing the ability to switch a different voltage than the device's power supply.



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 cube, the transparent insulation cover over the chip protects it from high humidity, dust, and the threat of short circuits during its long working hours.

TECHNICAL SPECIFICATIONS

Power supply	12V – 24V AC, 12V – 36V DC
Inputs	2 Separated digital inputs from 2.2-36V DC and 12-24V AC
Outputs	2 Potential free outputs up to 36V DC and 24V AC, max 100 mA each
Power measurement	1 ADC – dual ranges from 0-12V and 12-30V
Channels	2
Working temperature	0°C ÷ 40°C
Power consumption	< 1W
Complies with EU standards	<ul style="list-style-type: none"> • RE Directive 2014/53/EU • LVD 2014/35/EU • EMC 2014/30/EU • RoHS2 2011/65/EU
Radio signal power	1mW
Radio protocol	WiFi 802.11 b/g/n
Frequency	2412 - 2472 MHz
Operational range (depending on local construction)	<ul style="list-style-type: none"> • up to 50 m outdoors • up to 30 m indoors
Dimensions	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 cover over the chip protects it from high humidity, dust, and the threat of short circuits
- Designed to fit in most standard electrical boxes and switches.
- It can be integrated to work 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.