USER MANUAL 2AMIN637WPS

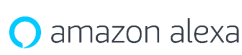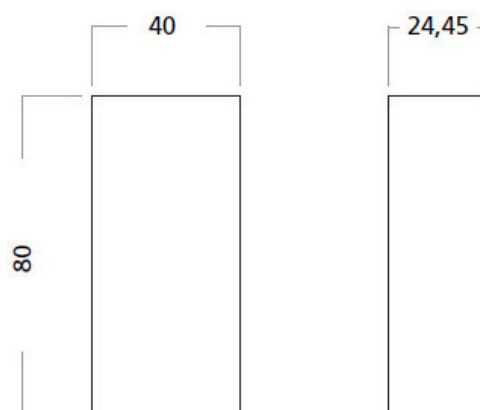*SUBJECT INDEX:*

2AMIN637WPS

Double SSR relays controllable via wifi and voice assistant

Dual SSR relays output device controllable via Wifi and/or push button N.O.
Controllable with Android/iOS app IoT Light Smart.

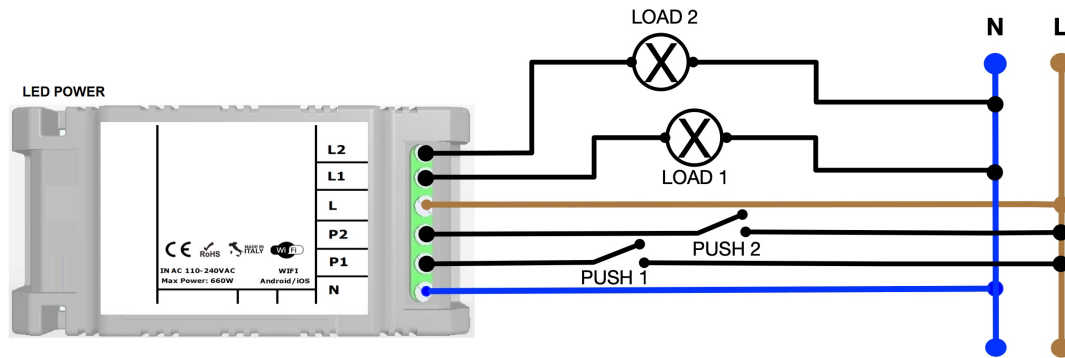| Input Controls	
Type	**Qty**
Not insulated Push button	2
Wifi	1

TECHNICAL NOTES

- Dual SSR relays output device controllable via Wifi and/or push button N.O.
- Power input voltage range 100-240 VAC.
- Max Output current 2A RMS for each output channel.
- The device is not equipped with earth connection
Protection against accidental contact with live parts is garantied by the enclosure.
- Cross-section of cables 14-30 AWG (0.05-2.08 mmq).
- Controllable with Android/iOS app IoT Light Smart.
- Input Controls: Not insulated Push button x2, Wifi x1.
- Storage Temperature Min: -40 Max: 60 C. Degrees.
- Working Temperature Min: -20 Max: 50 C. Degrees.
- Printed Circuit UL.
- Protection Class: IP20.
- Weight: 44 gr.
- Standard Dimension 40x80x24.45 mm.
- Dimension with accessories 40x100x24.45 mm.
- Works with Hey Google.
- Compatible with Amazon Alexa Voice Assistant through the skill IoTLight.
- Works with IFTTT.
- All connections must be made with non-live devices
and carried out by specialized personnel.
- Use only in dry conditions.
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- Amazon, Alexa, and all related marks are trademarks of Amazon.com, Inc. or its affiliates..
- IFTTT and all related marks are trademarks of IFTTT Inc. or its affiliates.

CODE	INPUT VOLTAGE	(MAX) OUTPUT CURRENT	CONTROL INPUTS	CASE	DIMENSION mm
2AMIN637WPS	110-240V AC	2A RMS for channel	Not insulated Push button x2 Wifi x1	YES	40x80 h 24.45

DEVICE POWER SUPPLY AND CONNECTION TO THE LOAD

2AMIN637WPS CONNECTION DIAGRAM - FIGURE N. 1

The 2AMIN637WPS dimmer has to be powered according to the polarity showed in FIG. 1

In particular:
- connect the power source to the Input L and N terminals
- connect the load LOAD 1 between the Output L1 and N terminals
- connect the load LOAD 2 between the Output L2 and N terminals
- connect a normally open button PUSH 1 (N.O.) between L (line) and P1 terminals
- connect a normally open button PUSH 2 (N.O.) between L (line) and P2 terminals

The LED (LED POWER) positioned on the circuit board indicates the presence of power supply and the status of Wifi Connection

PUSH 1 AND PUSH 2 OPERATION

Once you connected a normally open button as shown in FIG. 1, you can turn on and off the the load in the following way:

PUSH interface operation

Single Click (rapid press (<1sec))
- Turns on or off the output (ON/OFF).

When the device is not connected to wifi the PUSH 1 and PUSH 2 interfaces controls both together load LOAD 1 and LOAD 2.

Once the device is joined to wifi network PUSH 1 and PUSH 2 can be used to control separately LOAD 1 and LOAD 2 or other loads within the Newlab System (see Newlab IOT videoguide, topic devices, endpoints, groups)

WIFI MODE

The device can be controlled via IoT-Light Smart app available for Android / iOS

The implemented features are:

Easy joining to your Wifi Network via BLE.

Switching on and off and the brightness level control of each individual light point.

Creation and recall of your favourite lighting sceneries.

Configuration of Power On Level luminosity

Configuration of Minimum and Maximum Level of luminosity

The system management from a single simplified user interface.

THE BLUETOOTH LE CONNECTION DOES NOT REQUIRE PAIRING PROCEDURE

Device 2AMIN637WPS requires a WIFI connection type B or G, configure your router / access point to support at least one the two connection type indicated. Example configuration: (Mode B / BG / BGN Mixed)
Device 2AMIN637WPS requires also a DHCP service active on the network

IoT-Light Smart App features (* depending on the device only some functions may be available)

You can download the app by clicking on one of two links below:

Apple:

https://apps.apple.com/it/app/iot-light-smart/id1501828022

Android:

https://play.google.com/store/apps/details?id=com.newlablight.iotlightsmart&hl=en

FACTORY RESET

In order to perform a factory reset, Press and hold the PUSH 1 button for at least 20 sec (see wiring diagram), switch off the device and turn on it.

Last Manual Update 23/06/2020