

# USER MANUAL 2AMDI715TPWS

## *SUBJECT INDEX:*

DESCRIPTION

TECHNICAL SPECIFICATION

DEVICE POWER SOURCE AND CONNECTION TO THE LOAD

PUSH INTERFACE OPERATION

WIFI CONTROL

FACTORY RESET

# 2AMDI715TPWS

## Phase cut dimmer WIFI

Monochannel Dimmers with Output phase cut.

Input Range: 80-240V AC 50Hz.

Controllable with Android/iOS app IoT Light Smart.

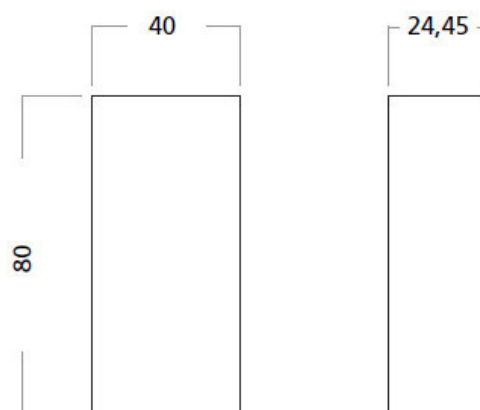
Input Controls	
Type	Qty
Insulated Push button	1
Wifi	1

### TECHNICAL NOTES

- Monochannel Dimmers with Output phase cut.
- Input Range: 80-240V AC 50Hz.
- Power 110W @ 110V, 220W @ 220V, 230W @ 230V.
- Max resistive load 1A.
- \*For Electronic and/or LED Electronic loads consider the maximum half power compared to the nominal value  
Example: 220V AC 110W Max. Do not connect inductive loads

Do not connect UPS with output different from Pure Sine Wave.

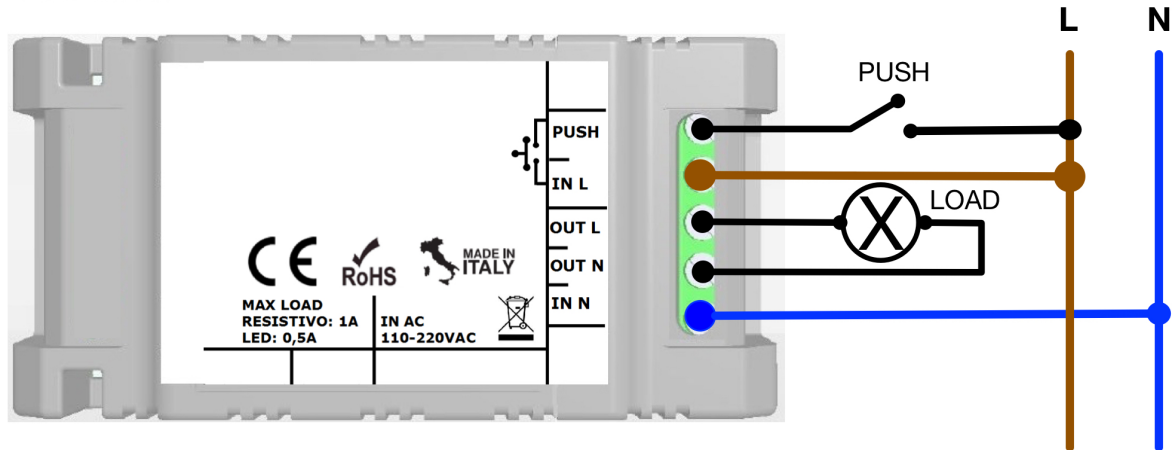
- The device is not equipped with earth connection
- Protection against accidental contact with live parts is guaranteed by the enclosure.
- Cross-section of conductors 14-22 AWG (0.205-2.08 mmq).
- Controllable with Android/iOS app IoT Light Smart.
- Input Controls: Insulated Push button x1, Wifi x1.
- Thermal foldback: 150 C. Degrees on uC.
- 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.
- Surge voltage protection.
- Over current protection.
- Use only in dry conditions.
- Google and all related marks are trademarks of Google Inc. or its affiliates.
- 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	N. OUTPUT CHANNELS	MAX OUTPUT POWER	CONTROL INPUTS	CASE	DIMENSION mm
2AMDI715TPWS	80-240V AC	from 0A to 1A	1	230W @ 230V AC*	Insulated Push button x1 Wifi x1	YES	40x80 h 24.45

## DEVICE POWER SOURCE AND CONNECTION TO THE LOAD

POWER LED



DIMMING LED

POWER SUPPLY CONNECTION DIAGRAM 2AMD715TPWS - FIGURE N. 1

The 2AMD715TPWS device 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 between the Output L and N terminals
- connect a normally open button (N.O.) between L (line) and SW L terminals

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

The LED (DIMMING LED) shows the dimming level of the output.

## PUSH INTERFACE OPERATION

*Single Click (rapid press (<1sec))*

- Turns on or off the output (ON/OFF).

*Double Click (rapid press (<1sec))*

- Sets maximum brightness (output= 100%)

*Long Press (long press (>1sec))*

- If the device is in OFF position, it sets the output to the minimum value (default= 1%)
- If the device is in ON position, the long press enables the output dimming (up/down).

## WIFI CONTROL

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 2AMDI715TPWS 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 2AMDI715TPWS 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 button for at least 20 sec (see wiring diagram), switch off the device and turn on it.

**Last Manual Update 23/06/2020**