



**BEC Incorporated 970 East High Street Pottstown PA 19464**

October 30, 2023

American Certification Body, Inc.  
6731 Whittier Avenue, Suite C110  
McLean, Virginia 22101

ACB Representative,

We are submitting documentation on behalf of Legrand Pass & Seymour who is applying for a Class II Permissive Change on an existing FCC Certification grant 2AU5D-WNZED.

The existing grant covers models WNRL23, WNRL33, WNRL43 and WNRL63 under the WNRLX3 family of products with Zigbee Radio. The family products are the Legrand WNRLX3 Radiant Battery Devices with Zigbee Radios in the 2.4 GHz frequency range. The Legrand Model WNRLX3 devices serve as an endpoint receiver for a nearby gateway device in an IOT network for smart lighting/electrical device control. The WNRLX3 Series products are Powered by 3V Lithium CR2032 Battery. The new models are AC powered devices instead of battery powered devices.

Differences in Original Models and the New Models:

New models use the original battery powered RF board exactly as the original approval with the exception that the battery holder (and battery) is not installed on the PCB and two through hole vias are placed to allow for wires to be soldered onto the board from a second AC to DC board that mounts behind the RF/Battery Board. The AC board takes 120 VAC 60 Hz to an isolation transformer and a regulator IC that converts the AC to 3.3 VDC. The 3.3 VDC connect to the Vias on the RF Board to replace the battery with wall power eliminating the need for a battery that needs replaced from time to time. The WZ3RLXX products are the exact same device, parts and firmware as the WNRLXX items. The only difference in the part numbers relate to specific marketing channels which can be handled by using different part numbers.



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Legrand Model WNRLX4 Family Product Description-

The Legrand Model WNRLX4 is a family of wireless switches and dimmer with Netatmo. The Legrand Model WNRLX4 devices serve as an endpoint receiver for a nearby gateway device in an IOT network for smart lighting/electrical device control.

WNRL24/WZ3RL24- Radiant with Netatmo Wireless Switch with Zigbee Radio. Powered by 120V/60Hz AC. Broadcasts Zigbee RF signal, serves as an endpoint receiver for a nearby gateway device in an IOT network for smart lighting/electrical device control.

WNRL34/ WZ3RL34- Radiant with Netatmo Home/Away Wireless Switch with Zigbee Radio. Powered by 120V/60Hz AC. Broadcasts Zigbee RF signal, serves as an endpoint receiver for a nearby gateway device in an IOT network for smart lighting/electrical device control.

WNRL44/ WZ3RL44- Radiant with Netatmo Wake/Sleep Wireless Switch with Zigbee Radio. Powered by 120V/60Hz AC. Broadcasts Zigbee RF signal, serves as an endpoint receiver for a nearby gateway device in an IOT network for smart lighting/electrical device control.

WNRL64/ WZ3RL64- Radiant with Netatmo Wireless Tru-Universal Dimmer with Zigbee Radio. Powered by 120V/60Hz AC. Broadcasts Zigbee RF signal, serves as an endpoint receiver for a nearby gateway device in an IOT network for smart lighting/electrical device control.

Radio Test Standards:

FCC Part 15.247

FCC ID: 2AU5D-WNZED

FVIN:

TestRadio\_WNRL23.bin

Sincerely,

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