AASKIN
Smart Life Simplified



RETROFIT SMART SWITCH

2+1 NODE

OPERATING MANUAL

Kindly review the complete operating manual in detail before setting up the device

Complete Room Control

App Control

Schedules And Timers

Scene Activation

Voice Control

Wi-Fi Inbuilt

NFC Support

SAFETY PRECAUTION AND PREREQUISITES

Ensure that the steps mentioned in the installation guide are abided by throughout the installation process.

Do not modify the device unless recommended by the technician sent by the manufacturer.

Do not operate with wet or moist hands as it may cause electricution.

The device should be placed in a dry area, away from moisture & water.

Wear shoes / slippers at all times during hardware installation.

Turn off the power supply before opening the switchboard and while rewiring the appliances.

Identify the phase and neutral wire connections inside the switchboard before connecting it to the device.

While making connections, do not interchange the phase and neutral connections to the Luna 2 + 1 Smart Switch under any circumstances.

Disclaimer : Do not connect multiple fans to same dimming channel.

ABOUT RETROFIT SMART SWITCH - 2+1 NODE

Retrofit Smart Switch - 2+1 Node is a smart device that enables you to automate any two appliances and one fan. With this device, you can turn on/off an appliance and control the fan at one tap on your smartphone. The device will help you create your workflows or schedules so that you won't have to move a single muscle to make appliances work.

FEATURES

Retrofit Design: Designed to fit into existing switchboards, with quick access and hassle-free installation.

Robust Hardware: Advanced firmware and rugged hardware design for long-lasting performance.

Secure Wi-Fi: Equipped with secure Wi-Fi that controls appliances from anywhere.

Timers And Schedules: Set cut-off timer so the appliances will turn off automatically.

Workflow And Scenes: Easy to create workflows as the controls are based on the schedules and timer settings.

Running Hours: You can view the detailed running hours and control history for additional monitoring of the appliances.

Voice Assistant: The device supports all major voice assistants such as Alexa, Bixby, Google Assistant, Siri and more.

IFTTT: Extend unlimited capablities with IFTTT like location-based control etc.

Buzzer Indication: Three beeps indicates ‘Ready To Configure’, two beeps indicates ‘Successfully Configured and One beep indicates ’System Reboot’.

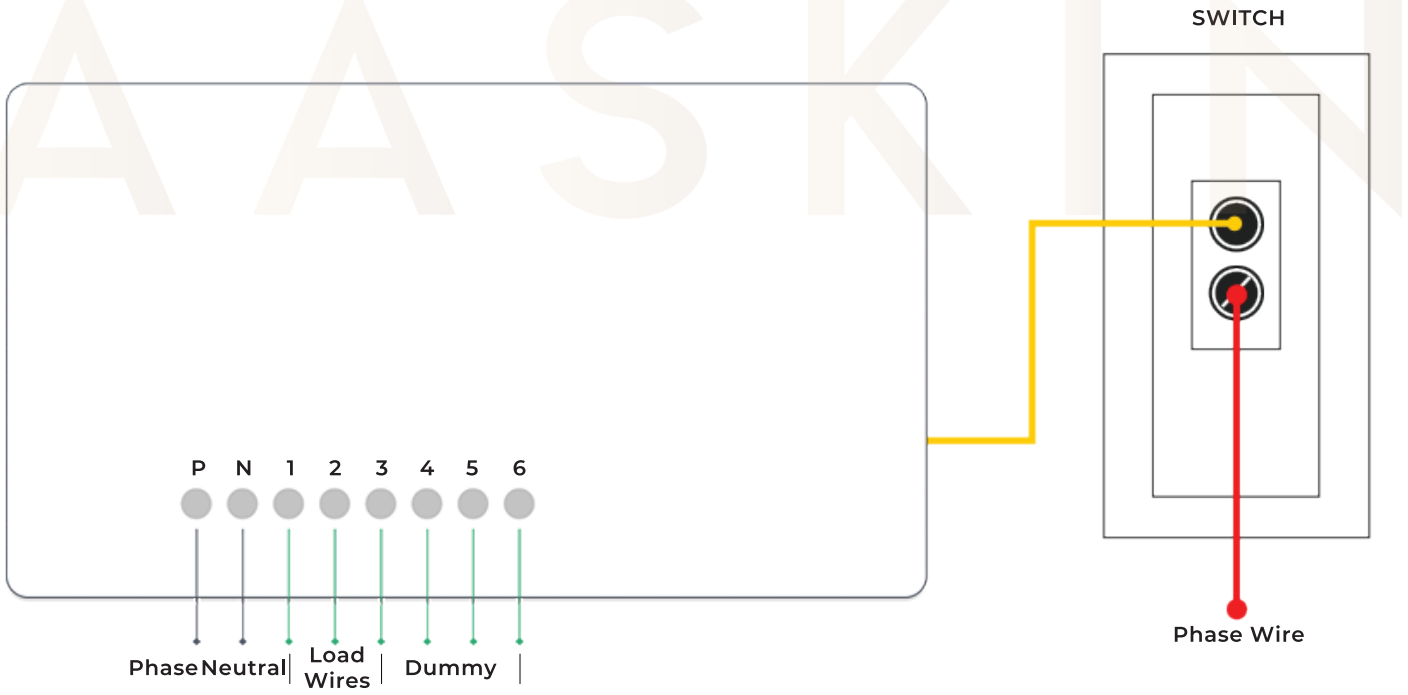
TECHNICAL SPECIFICATIONS

Power Input: 240V AC, 50/60Hz
Dimmer Levels: 0 to 4
Maximum Supportive Load: 7.5KW (32A)
Resistive Load Per Channel: 1800W
LED Load: 200 W or 6 Nos (whichever is higher) on each channel.
Inductive Load: 800W
Typical Standby Power: <0.8W
Operating Distance From Wi-Fi Router: up to 30 meters (depends upon router and its placement)
Communication Wi-Fi: Connects to 2.4 GHz, Wi-Fi 802.11 b/g/n
Number of Channels: 3 (2+1)
Capacitive Dimming Channels: 1
Dimensions: 103 x 52 x 16mm
Surge Protection: 2.5KV(Tested Upto 4KV)
Inbuilt Fuse For Extra Safety
3-Stage Filter Circuit For Noise Suppression For Improving Endurance In Noisy Environment

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DEVICE SETUP

The below figures illustrates the wiring system of Retrofit Smart Switch - 2+1 Node



Follow the steps below to connect your wires to Retrofit Smart Switch - 2+1 Node

On the device, you can see the positions marked as 'N', 'P' and the numbered slot '1' ,'2' and F . 'N' refers to the Neutral point, 'P' refers to the Phase point, '1' and '2' is the load terminal and F stand for Fan where you will connect the load wires of the appliances.

The virtual wire '1' , '2' and ‘F’ are the wires that will replace the load wires at the corresponding load pin inside the switchboard.

Fan connector is connected to the fan regulator that comes with the 2+1 switch module.

Draw a phase wire and connect it to the slot marked as 'P' on the device. Also, ensure that only one phase wire is connected to the device. Under any circumstance do not connect multiple phase wires from appliances and inverters to the device.

Draw a neutral wire from the switchboard and connect it to the device where 'N' is marked.

Now connect the load wires of the appliance and the fan you want to automate at the numerical slot '1' , '2' and ‘F’ for fan.

Remove the existing regulator from the switchboard and replace it with the regulator that comes with Retrofit Smart Switch - 2+1 Node.

Disconnect all the wires from the original regulator and unplug the fan regulator knob.

Unscrew the washer to isolate the switch plate. We will use the switch plate for the new regulator which came with the switch module. Connect and plug back the knob on the new regulator.

Take the virtual wires '1' , 2' and ‘F’ of the device and connect it to the load pin of the respective appliance switch along with the fan connector to the regulator.

Once you are done connecting all the wires, insert the Retrofit Smart Switch - 2+1 Node inside the switchboard and reattach it's wall plate firmly back onto the wall.

Please note that electric fluctuations inside the switchboard may at times hinder optimal device performance.

CONFIGURE RETROFIT SMART SWITCH TO THE MOBILE APP

It is mandatory to use a Wi-Fi router to configure the device.
If you are using mobile data, turn it off and switch to Wi-Fi.
Ensure that you are following the steps for configuration, in the same sequence, mentioned in the operating manual.

Step 1

Download the **APP**.

The app is available in Google Play and Apple's App Store.

Create an account and log in.

Step 2

Once logged in, set up your 'HOME' by clicking on the 'NEW HOME' button.
If you have already created a 'HOME', skip to 'Step 3'.
To create a home, pick a name and location and click on 'CREATE HOME'.
There are two ways to provide 'HOME' access to your family members and relatives.
1. Go to SETTINGS > HOMES > MY HOME > USERS. When you tap on users, you get an option to add a user. Enter the email ID or phone number of the family member to Provide them with the access.
2. Ask your family members to 'JOIN HOME' when they are creating an account. It allows them to send you a request to add them as a user by entering your email ID or phone number. As a request arrives at your phone or email, you can provide them with access once approved.

Step 3

To set up the switch device, go to SETTINGS > DEVICES
Tap on the + button.
Out of the products list, Select SMART SWITCHES > 2+1 SWITCH and tap on NEXT.
Ensure that the device is reset (by default it will be in reset mode) and tap on NEXT.

Step 4

Ensure that the mobile data is disconnected.
To connect your mobile phone to the device's hotspot, tap on the GO TO WI-Fi SETTINGS shown at the bottom of your screen.
Now find and select the device wi-fi switch_2+1_***, in the list of wi-fi network.
Return to the app (NOTE: not by minimize button instead just press back), you will find options to connect to your home wi-fi from the app, select and ENTER THE PASSWORD > CONFIRM PASSWORD and wait for the notification "CONFIGURATION DONE!".

Step 5

Once you tap on NEXT, you get an option ASSIGN TO A ROOM where you add the device to a particular room (where the device is located).
Also, you get an option to NAME YOUR DEVICE, then click on CREATE DEVICE.
After you create the device, you get a notification "SUCCESSFUL - YOUR DEVICE IS ADDED TO THE HOME", Go to Switches tab to start using switches (2nd icon in the navigation bar placed below).

CONTROLLING THE APPLIANCE

To test the appliance and the switch, go to 'DEVICES' in the app and click on your '***Room', tap on 'SWITCH ON' or the device name you created to test the device.
Once you tap on the option, the device will start working.
At the bottom of the switch section, you can see the 'RUNNING TIME' of the appliance, which allows you to check and manage your power accordingly.
You can tap on the device icon multiple times to see if the device is working smoothly or not.

DELETING A DEVICE

To remove the device from your list of devices.
Go to SETTINGS > DEVICES, select the device you want to remove and at the bottom of the device information, you get an option to 'DELETE DEVICE'.

FACTORY RESET

To reset the device, toggle the switch on and off seven times within 7 seconds. This will remove the device Wi-Fi from your app.
The Wi-Fi network of the device will be again visible in the list of available Wi-Fi networks.
To reconfigure, you can follow the configuration steps from 'Step 3' mentioned above.

DISCLAIMER

In case the device is not working within the warranty period, and the user modified the product without prior notice, the device is not applicable under warranty services.



Devices labelled with this symbol should not be disposed of with other household wastes. It shall be handed over to the applicable collection point for the recycling of waste electrical and electronic equipment.

Works Well With

Alexa | Google Assistant | Siri | Google Home

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