



# Installation Guide for RF Single 15A Switch Module (NIOD1011)

Thank you for choosing Nyx RF Single 15A Switch Module.

This device is intended for AC / Geyser control. It is designed to place behind the conventional switch board and provide controls for single AC / Geyser load.

The load connected to the Nyx RF Single 15A Switch module can be controlled by various ways such as switch board, Nyx RF Remote control and Nyx Android App.

### The Box Contains-

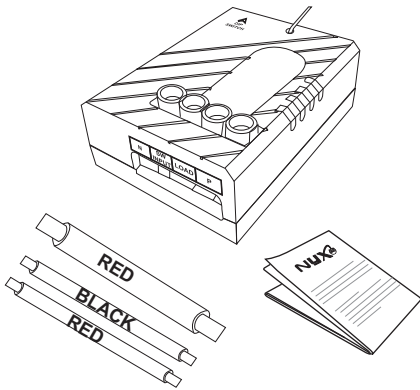
RF Single 15A Switch Module

Installation Guide

1 Sq. mm. BLACK wire (200mm length)

1 Sq. mm. RED wire (200mm length)

2.5 Sq. mm. RED wire (200mm length)



### Technical Specifications

Operating voltage	230V, AC 50Hz
Load capacity	3KW
Operating Current	15A
Radio frequency	866Mhz
Radio operating distance	50m line of sight
Operating temperature	0°C to +50°C
Dimension(L X W X H)	60mm X 44mm X 25mm

### Pre-installation checklist:

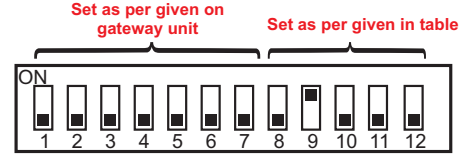
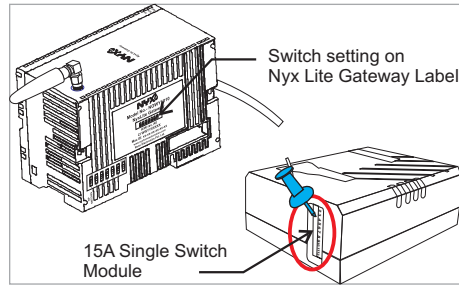
1) Neutral wire should be available at switch box, where single 15A switch module is installed.

2) Avoid the place where water splashes.

### Product setup and configuration

#### 1. Set the DIP switches as per instructions below:

a) There are total 12 DIP switches. First 7 DIP switches should be set as per the settings shown on your NyxLite Gateway module.



b) The remaining 5 DIP switches (Switch 8 to 12) are meant for room location of the device. Choose the location and set the DIP switch setting as shown in below table:

### DIP switch configuration:

Room Location	Node ID ( DIP switch 8 to 12 )				
	8	9	10	11	12
Living AC-1	1	0	1	1	0
Living AC-2	1	0	0	0	1
Children AC	1	0	1	0	1
Guest AC	0	1	1	0	1
Master Bed AC	0	0	1	0	1

### RF Single 15A Switch module (Geyser)

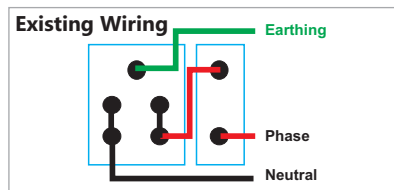
Room Location	Node ID ( DIP switch 8 to 12 )				
	8	9	10	11	12
Master Bed Geyser	1	1	1	0	1
Children Geyser	0	1	0	1	1
Guest Geyser	1	1	0	1	1

### How to set DIP switch to 1 or 0:

DIP Switch setting for position 0:	
DIP Switch setting for position 1:	

2. Switch Off the MCB.

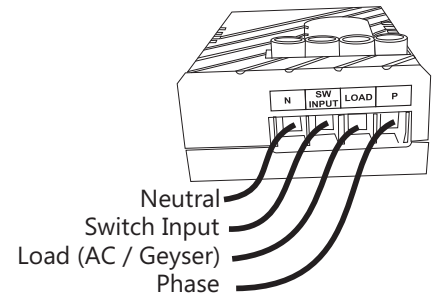
3. Open the Switch Board, Where you want to install Nyx RF Single 15A Switch Module.



4. Now connect Live wire from switch board to (P) marked terminal on RF Single 15A Switch Module.

5. Identify the Neutral wire on switch board and connect to the Neutral (N) marked terminal on the RF Single 15A Switch Module.

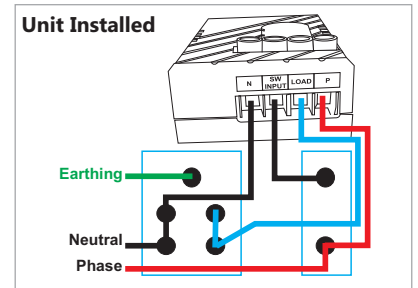
6. Identify load you would like to control with Nyx Home Automation System.



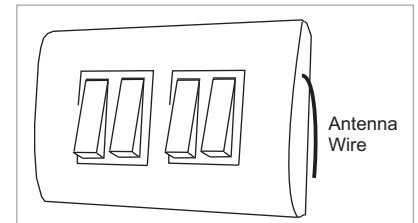
7. Connect the load wire and connect it to Load terminal on one switch module.

8. Connect wire from AC / Geyser switch to SW INPUT marked terminal on RF Single 15A Switch Module.

9. Visually verify for short and loose connections.



10. Fit RF Single 15A Switch Module by adjusting wires and insert module inside wall cavity, screw the switch board.



Make sure antenna wire brought out of module box, this is to ensure proper RF communications.

11. Power on MCB

12. RF Single 15A Switch module is ready for configuration.

13. To add the device in the system use Nyx mobile application.