Z-Wave wireless plug-in modules

Project Name:	Prepared By:
Project Number:	Date:
Catalog Number:	Type:

RFLDM

Description

2 pole, 2-wire non-grounding
RFLDM: 300W, 15A 120V/AC (INC/HAL ONLY)
RFAPM: 600W, 120V/AC

1-15R

Design features

• Amber LED indicates ON/OFF load status

• Single button programming

• Can be included in Scenes

• Child lockout feature

• All-ON/All-OFF inclusion

• Panic mode capability

• Patented indicator system alerts if module is not set up in the network

• Configurable "Power ON Status" (ON/OFF/last level)

• Power failure memory

• Provides an upgrade for any standard receptacle with a plug-in Lamp Dimming Module to control the light level of any lamp, or a Switch Module for ON/OFF operation (RFLDM only)

• Lamp Dimming Module provides polarized 300W-120V/AC NEMA 1-15R receptacle for use with incandescent lamps (RFLDM only)

• Lamp Dimming Module's electro-mechanical push button located on side of device for inclusion and ON/OFF/Dim/Bright operation (RFLDM only)

• Lamp Dimming Module offers an adjustable ramp rate (up to 4 minutes) (RFLDM only)

• Appliance Switch Module provides 120V/AC NEMA 1-15R receptacle for use with a wide variety of lamps (RFAPM only)

• Appliance Switch Module's electro-mechanical push button located on side of device for inclusion and ON/OFF operation (RFAPM only)

• Modules can be controlled remotely by other Z-Wave devices through association of up to 5 devices (RFAPM only)

• Quiet relay switching (RFAPM only)

Table 1. Plug-in lamp dimming module

		Rating		
Catalog No.	Description	W	V/AC	Color
☐ RFLDM_	Plug-in lamp dimming module	300	120	W

Table 2. Plug-in appliance switch module

		Rating		
Catalog No.	Description	W	V/AC	Color
☐ RFAPM_	Plug-in switch appliance module	600	120	W

Compliances, specifications and availability are subject to change without notice.

Powering Business Worldwide

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Applications

The Eaton's Z-Wave Wireless 300W Plug-in Lamp Dimming Module (RFLDM) provides local and remote ON/OFF/DIM/BRIGHT control of table and floor lamps where desired. The Z-Wave Wireless 600W Plug-in Switching Module (RFAPM) provides local and remote ON/OFF control of a single floor lamp or table lamp. Furthermore, the Z-Wave Wireless modules provide other programmable functions (scenes, events, association, child lockout, etc.) when used with compliant controllers*. Plug-in Modules can be manually controlled and remotely controlled by commands sent from Z-Wave compatible controllers or programs.

Table 3. Specifications

Product Type Catalog No.	Plug-in Modules RFAPM, RFLDM
Performance	Maximum wattage: RFAPM – 600W Incandescent, RFLDM - 300W Incandescent Rating: 120 V/AC, 60Hz Uses 300 Series Z-wave chip at 40Kbs
Performance Consideration	An Z-Wave enabled device must be within 60 feet of another Z-Wave enabled device to participate in a Z-Wave wireless mesh network. The plug-in modules can be controlled by other Z-Wave devices through association (dimmers, switches, plug-in modules or battery-operated devices).
Installation & Programming	Please reference the Instruction Sheet included with product for installation. For programming of the device, see the Z-Wave Wireless User Manual, which is provided with compatible Z-Wave compliant controller.
Testing & Code Compliance	cULus Listed 244A NOM Certified Complies with FCC Part 15, Class B Z-Wave Compliant Certified
Terminations	Plug the module into a wall receptacle; preferably one that is not controlled by a switch. Connect the lamp plug into the module. NOTE: Some plugs are polarized and may have to be rotated before connecting.
Material Characteristics	Meets Flammability Rating: V2 per UL94 Temperature Rating: 32ºF to 104ºF (0ºC to 40ºC)
Warranty	2 year limited product warranty

Table 4. Color Ordering Information

For ordering devices, include Catalog No. followed by the Color Suffix: W (White).
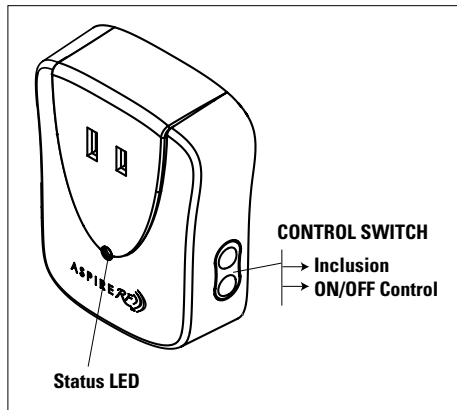
W

White

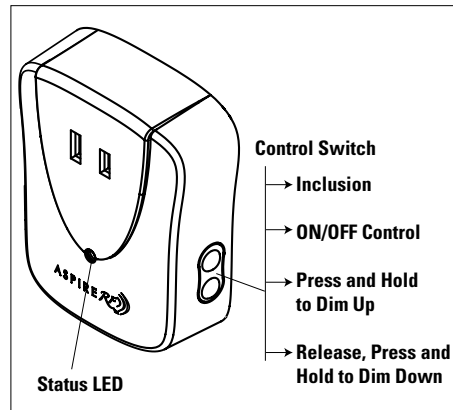## Illustrations

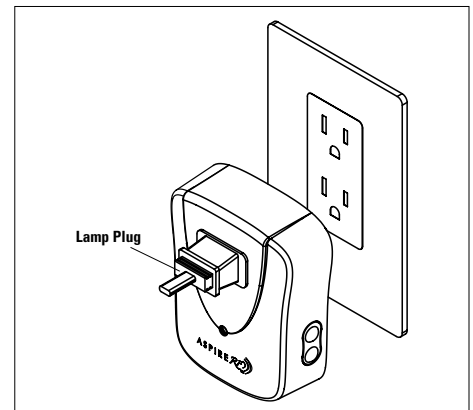**Figure 1. RFAPM – Application Diagram**

Figure 2. RFLDM – Application Diagram

Figure 3. RFAPM & RFLDM – Installation

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Project Name:		Prepared By:
Project Number:		Date:
Catalog Number:		Type:

Certifications & Compliances

Catalog No.	c(UL)us	FC
RFAPM	•	•
RFLDM	•	•

KEY: c(UL)us cULus   FC FCC

Related Products

Z-Wave controllers

RFTDCSG, RFWC5WS

Z-Wave Wireless products

RF9540-NDW, RF9501DW, RFTR9505-T

Aspire products

9566TRWS, 9544DS, 9521WS

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Z WAVE

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