

Eaton Wiring Devices Aspire RF Device Configuration Parameters

RF9542-Z Remote Dimmer Accessory		
Parameter	Description	Value
1	Delayed Off Time	* 0 to 127 -128 to -1
2	Panic On Time	Not Used
3	Panic Off Time	Not Used
4	Not Used	Not Used
5	Power Up State	1=OFF 2= ON 3 = Last State
6	Panic Mode Enable	0=Off 1=On
7	Dimmer Ramp Time	* 0 to 127 -128 to -1

RF9534 Dimmer		
Parameter	Description	Value
1	Delayed Off	* 0 to 127 -128 to -1
2	Panic On Time	* 0 to 127 -128 to -1
3	Panic Off Time	* 0 to 127 -128 to -1
4	Not Used	Not Used
5	Power Up State	1=OFF 2= ON 3 = Last State
6	Panic Mode Enable	0=Off_1=On
7	Dimmer Ramp Time	* 0 to 127 -128 to -1

***This applies to all products with the values of 0 to 127 and -128 to -1**

RF9540-N All Load Dimmer		
Parameter	Description	Value
1	Delayed Off Time	* 0 to 127 -128 to -1
2	Panic On Time	* 0 to 127 -128 to -1
3	Panic Off Time	* 0 to 127 -128 to -1
4	Basic Value Set	** 0 = Default value 4-99=Dim Level 255=On
5	Power Up State	1=OFF 2= ON 3 = Last State
6	Panic Mode Enable	0=Off_1=On
7	Dimmer Ramp Time	* 0 to 127 -128 to -1
8	Kickstart Enable/Disable	0 Disables 1 Enables
9	Reset Max/Min Levels to factory default	0
11	Set Minimum Dimming Level	*** 4 to 99
12	Set Maximum Dimming Level	*** 4 to 99

* The configuration value is a signed single byte number. 0 to 127 (decimal) represents 0 to 127 seconds of time.

⇒ -128 to -1 (negative decimal numbers) represents 128 to 255 seconds as calculated by this formula:

config value = desired time in seconds - 256

For an example of 172 seconds:

config value = 172 - 256 = -84 (decimal) or 0xAC (hex)

⇒ ** Normally this parameter will not be changed and **should be left at factory default** unless specific associated devices require a fixed value. It is included to ensure Z-Wave certification requirements. If a value other than 0 is configured, then the device will send the configured value rather than the actual value of the dim level to associated devices. Changing this value from 0 will result in undesired operation in most cases.

*** Please note that these values are not normally used except for possible technical support troubleshooting in the case of attempting to set the dimming level to determine solutions to lamp incompatibility issues. The minimum level must always be at least 13 below the maximum level.

The customer may change this level by following the instructions in the instruction sheet for the product. These instructions tell the customer to press and hold the On/Off button for a specified period of time, observe the LEDs, and take certain actions to be able to make these adjustments.

Eaton Wiring Devices Aspire RF Device Configuration Parameters

RF9501 Light Switch		
Parameter	Description	Value Range
1	Delayed Off	* 0 to 127 -128 to -1
2	Panic On Time	* 0 to 127 -128 to -1
3	Panic Off Time	* 0 to 127 -128 to -1
4	Not Used	Not Used
5	Power Up State	1=OFF 2= ON 3 = Last State
6	Panic Mode Enable	0=Off_1=On
7	Not Used	Not Used

***This applies to all products with the values of 0 to 127 and -128 to -1**



* The configuration value is a signed single byte number. 0 to 127 (decimal) represents 0 to 127 seconds of time.

-128 to -1 (negative decimal numbers) represents 128 to 255 seconds as calculated by this formula:

$\text{config value} = \text{desired time in seconds} - 256$

For an example of 172 seconds:

$\text{config value} = 172 - 256 = -84$ (decimal) or 0xAC (hex)

RF9517 Remote Switch		
Parameter	Description	Value
1	Delayed Off	* 0 to 127 -128 to -1
2	Panic On Time	Not Used
3	Panic Off Time	Not Used
4	Not Used	Not Used
5	Power Up State	Not Used
6	Panic Mode Enable	Not Used
7	Not Used	Not Used

RFTR9505-T Receptacle		
Parameter	Description	Value Range
1	Delayed Off	Not Used
2	Panic On Time	* 0 to 127 -128 to -1
3	Panic Off Time	* 0 to 127 -128 to -1
4	Not Used	Not Used
5	Power Up State	1=OFF 2= ON 3 = Last State
6	Panic Mode Enable	0=Off_1=On
7	Not Used	Not Used