Partner: Lutron
Model: RadioRA 3
Device Type: Lighting

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GENERAL INFORMATION

SIMPLWINDOWS NAME:	Lutron RadioRA 3 Button Control v1.0
CATEGORY:	Lighting
VERSION:	1.0
SUMMARY:	This module provides monitor and control capability for a Button component as part of a Lutron RadioRA 3 solution.
GENERAL NOTES:	This module supports up to 50 buttons. The buttons can belong to different keypads. If more than 50 buttons need to be managed, additional modules can be used to support the number of buttons required. This module requires one instance of the Lutron RadioRA 3 Command Processor module to register with.
CRESTRON HARDWARE REQUIRED:	Crestron 3-Series processor. Crestron 4-Series processor (Firmware Version 2.5000 or later).
SETUP OF CRESTRON HARDWARE:	Crestron CP3 Crestron MC4
VENDOR FIRMWARE:	21.02.08f000
VENDOR SETUP:	Lutron RadioRA 3 Processor

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PARAMETER:

Command_Processor_ID	Setting indicates the identifier of the Command Processor module this module registers with. A single program can contain multiple Button modules where multiple Lutron processors are involved.
Mode	Setting indicates the operation mode of the Button, either PressHoldRelease, Press/Release, or Multi-Tap. • Press/Hold/Release: Pulsed signal will execute press/hold/release button functionality. If there is no hold functionality programmed in Lutron system for specified button, a press/release will be executed. • Press/Release: Pulsed signal will execute press/release button functionality. • Multi-Tap: Pulsed signal will execute multi-tap button functionality.
Button_Href_ID[1]..Button_Href_ID[50]	Setting indicates the reference identifier for the button the corresponding digital signal will trigger. Example: for button href: /button/664, enter the value 664 in the parameter field.

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CONTROL:

Button_[01]_Press..Button_[50]_Press	D	Pulse to trigger the button specified by the corresponding Button_HRef_ID parameter. The button behavior is determined by the button mode parameter of the module. See notes above.

FEEDBACK:

Is_Initialized	D	High indicates the module is initialized. The module is initialized when all component state information has been updated in the module to reflect current component state.
Button_[01]_Press_Fb..Button_[50]_Press_Fb	D	High indicates that a physical Lutron device button that corresponds to its Button_HRef_ID has been pressed.

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TESTING:

OPS USED FOR TESTING:	CP3 1.8000.0014 MC4 2.5001.00006
SIMPL WINDOWS USED FOR TESTING:	4.17
CRES DB USED FOR TESTING:	206.0500.004.00
DEVICE DATABASE:	200.9500.001.00
SYMBOL LIBRARY USED FOR TESTING:	1144
SAMPLE PROGRAM:	Lutron RadioRA 3 v1.0 Demo IP.smw
REVISION HISTORY:	v1.0 – Initial Release

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