CRESTRON
HELP FILE DOCUMENT

Manufacturer: Crestron
Model: DIN-8SW8-I
Device Type: Crestron Relay

CONTACT SUPPORT:

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GENERAL INFORMATION

SIMPLWINDOWS NAME:	Crestron Relay Controller
CATEGORY:	Lighting Relay
VERSION:	V1.0
SUMMARY:	This module provides easy control of a Crestron DIN-8SW8-I including sensor input controls • Handles input from Horizon Keypads, short press turns the load On or Off • Discrete On/Off/Toggle inputs from other user interfaces like TSWs • Secondary On/Off/ inputs from other logic, like scheduled events • Handles occupancy sensor input and its timeout • Occupancy sensor Enable /Disable inputs
GENERAL NOTES:	This module handles the sensor timeout, it is important to set the timeout on the sensor device to a small value, like 0.5s. This module controls one channel of a DIN-8SW8-I, to control the whole relay, you would need to use one module per channel
CRESTRON HARDWARE REQUIRED:	DIN-8SW8-I
SETUP OF CRESTRON HARDWARE:	As per DIN-8SW8-I
VENDOR FIRMWARE:	As per DIN-8SW8-I
VENDOR SETUP:	As per DIN-8SW8-I
CABLE DIAGRAM:	N/A

http://application.market.com

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CONTROL:

Signal/Function Name	D,S,A	Digital, Serial, Analog signal property definition.
Keypad_PS	D	Pulse to turn the relay channel On or Off
Channel_On	D	Pulse to turn the relay channel On, this could come from an "On" button on a TSW
Channel_Off	D	Pulse to turn the relay channel Off, this could come from an "Off" button on a TSW
Channel_Toggle	D	Pulse to toggle the channel, this could come from a button on a TSW
Sec_On	D	Pulse to turn the Channel On, this is used if you have other logic turning the channel on e.g., a stepper for a scheduled scene
Sec_Off	D	Pulse to turn the channel Off, this is used if you have other logic turning the channel off e.g., a stepper for a scheduled scene
Occupied_In	D	This would be connected to the occupied output of a Crestron occupancy sensor (read the general note section)
Sensor_Override_Tog	D	Pulse to enable or disable the occupancy sensor function
Enable_Sensor	D	Pulse to enable the occupancy sensor function
Disable_Sensor	D	Pulse to disable the occupancy sensor function

FEEDBACK:

Load_On	D	Light Level output, this will be connected to the light level input of the dimmer
Load_Off	D	Indicates the light on this dimmer channel is On
Sensor_Is_Disabled	D	Indicates the occupancy sensor is disabled
Sensor_Is_Enabled	D	Indicates the occupancy sensor is enabled
Serving_Timeout	D	Indicates the sensor timeout is being served

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PARAMETERS:

Sensor_Timeout	Occupancy sensor timeout in seconds e.g., 600s

TESTING:

OPS USED FOR TESTING:	Crestron 3 and 4 series processors
SIMPL WINDOWS USED FOR TESTING:	4.17
DEVICE DB USED FOR TESTING:	200.90
CRES DB USED FOR TESTING:	206.05
REVISION HISTORY:	V1.0