

Partner: Ametek  
Models: SurgeX Squid SX-DC-8-12-120  
Device Type: Power Management System



## GENERAL INFORMATION

<b>SIMPLWINDOWS NAME:</b>	SurgeX Squid v1.0 Group
<b>CATEGORY:</b>	Misc.
<b>VERSION:</b>	1.0.0
<b>SUMMARY:</b>	This module works in conjunction with the SurgeX Squid v1.0 Comm IP module to control an outlet group defined on the device.
<b>GENERAL NOTES:</b>	<p>This module requires one instance of the SurgeX Squid v1.0 Comm IP module. Set the Command_Processor_ID parameter field of this module to match the command processor ID specified on the comm module to register this module with the comm module. The group name field must match the name of the group specified on the device.</p> <p>Module developer contact: Control Concepts, Inc. (201) 797-7900 <a href="mailto:support@controlconcepts.net">support@controlconcepts.net</a></p>
<b>CRESTRON HARDWARE REQUIRED:</b>	Crestron 3-Series or 4-Series processor.
<b>SETUP OF CRESTRON HARDWARE:</b>	N/A
<b>VENDOR FIRMWARE:</b>	N/A
<b>VENDOR SETUP:</b>	N/A

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**PARAMETERS:**

<b>Command_Processor_ID</b>	The unique identifier of the SurgeX Squid Comm IP module that this module will register with.
<b>Module_Device_ID</b>	The unique identifier of this module.
<b>Group_Name</b>	The name of the group object to control on the device. The group name parameter field of the module must match the group name of the object on the device.

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**CONTROL:**

<b>Group_On</b>	D	Pulse to turn on the group. Turning on a group will turn on all the outlets that belong to the group. The module will refresh device status after the group command is sent.
<b>Group_Off</b>	D	Pulse to turn off the group. Turning off a group will turn off all the outlets that belong to the group. The module will refresh device status after the group command is sent.
<b>Group_Toggle</b>	D	Pulse to toggle the power state of the group. The module will refresh device status after the group command is sent.
<b>Group_Reboot</b>	D	Pulse to reboot the group. Rebooting a group will reboot all the outlets that belong to the group. The module will refresh device status after the group command is sent.

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**FEEDBACK:**

<b>Is_Initialized</b>	D	Digital high indicates the device status is synchronized with the module, or not synchronized when the signal is low.
<b>Group_Name</b>	S	Text value indicates the group name reported by the device.
<b>Device_Type</b>	S	Text value indicates the group type reported by the device.
<b>Connected</b>	D	Digital High indicates the group connection status is ok, or not ok when the signal is low.
<b>Group_Is_On</b>	D	Digital High indicates the group is on, or not on when the signal is low. A group is considered on if at least one outlet in the group is on.
<b>Group_Is_Off</b>	D	Digital High indicates the group is off, or not on when the signal is low. A group is considered off when all outlets in the group are off.
<b>Group_Is_Rebooting</b>	D	Digital High indicates the group is rebooting, or not rebooting when the signal is low.

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**TESTING:**

<b>OPS USED FOR TESTING:</b>	CP3 v1.8000.4522.24170 MC4 v2.6000.00020
<b>SIMPL WINDOWS USED FOR TESTING:</b>	4.1700.03
<b>CRES DB USED FOR TESTING:</b>	206.05.004.00
<b>DEVICE DATABASE:</b>	200.95.001.00
<b>SYMBOL LIBRARY USED FOR TESTING:</b>	1114
<b>SAMPLE PROGRAM:</b>	SurgeX Squid v1.0 Demo IP CP3.smw
<b>REVISION HISTORY:</b>	v1.0 – Initial Release