LIG – ADELE TEAM

Datasheet PowerSwitch

PowerSwitch device

Jeremy SAVONET

12/03/2013

This document shows technical characteristics of the simulated device PowerSwitch.

VERSION

Version	Date	Description
V1.0	12/03/13	File creation
V1.1	18/03/13	Major change on properties table

General Description

PowerSwitch can supply only one model of power switch which is a standard binary switch.

The power switch can switch ON and OFF an equipment (i.e.: binaryLight). We describe in section PowerSwitch device Outline methods linked to this device.

Device properties

Name	Value	Default Value	Type	Modifiable
current_status	True/False	False	Boolean	No

Note: The property current_status is set by default at false. Then this value can take two possible values: true or false.

If the current_status property is true then all equipment in a room will be switched on. On the contrary, if the current_status is false, all equipment will be turn off.

The current_status can be turn ON and OFF with methods explain in the table below.

Physical considerations

There is no physical consideration for this type of device. Indeed, this device is used to set a physical value. In our case, we do not care about the way the actuator set this value.

PowerSwitch device Outline

Hereafter we explain methods that can be useful for the user to use a power switch.

Interface: **fr.liglab.adele.icasa.device.power.PowerSwitch**

getSerialNumber()	Get the device ID
getStatus()	Get the current status of the switch: - switched On: true - switched Off: false
switchOn()	Set the power switch status ON - switched On: true
switchOff()	Set the power switch status OFF - switched Off: false