

Domain "ule.hanfun.devices"

■ Includes

- Parse: xml, Href: ./HF-Interfaces.xml

Devices

AC_Outlet

An *AC Outlet* .

Properties

Name	Type	Value	Optional	Documentation
Name	string		Yes	Original value: AC_Outlet.unit.o
Vendor	string		Yes	Original value: ULE Alliance

SubDevices

SubDevice "unit.1"

The *AC Outlet* specifies a unit type that receives a command to turn on/off some physical bi-stable AC actuator attached to the device.

Properties

Name	Type	Value	Optional	Documentation
Name	string		Yes	Original value: AC_Outlet.unit.1
Vendor	string		Yes	Original value: ULE Alliance

Modules

Power Switch

Extends

Domain	Class
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Domain	Class
ule.hanfun.interfaces	ox200 – On/Off Server Interface

Smart_Plug

A *Smart Plug* that besides On/Off functionality is able to provide energy consumption readings.

Properties

Name	Type	Value	Optional	Documentation
Name	string		Yes	Original value: Smart_Plug.unjit.o
Vendor	string		Yes	Original value: ULE Alliance

SubDevices

SubDevice "unit.1"

The *AC Outlet with Simple Power Metering* specifies a unit type that receives a command to turn on/off some physical bi-stable AC actuator attached to the device. It is also capable of doing and providing Energy consumption measurements and accepts the *Measurement Reset* command.

Properties

Name	Type	Value	Optional	Documentation
Name	string		Yes	Original value: Smart_Plug.unit.1
Vendor	string		Yes	Original value: ULE Alliance

Modules

Power Switch

Extends

Domain	Class
ule.hanfun.interfaces	ox200 – On/Off Server Interface

Energy Consumption Measurements

Extends

Domain	Class
Domain	Class
ule.hanfun.interfaces	ox300 - Simple Power Metering Server Interface

Data

Name	Type	Optional	Writable	Readable	Eventable	Documentation
Energy	integer	Yes	Yes	Yes	Yes	<i>Energy</i> stores energy consumption since device power up or since a measurement reset. The stored value has the basic unit of Watts/Hour that may be affected by a precision code.
Energy at Last Reset	integer	Yes	Yes	Yes	Yes	<i>Energy at Last Reset</i> stores the <i>Energy</i> value at the instant a measurement reset occurs. The stored value has the basic unit of Watts/Hour that may be affected by a precision code.
Time at Last Reset	integer	Yes	Yes	Yes	Yes	<i>Time at Last Reset</i> stores the time value (from device uptime or UTC) at the instant a measurement reset occurs. The stored value has the basic unit of Seconds.

Temperature_Sensor

A Temperature Sensor .

Properties

Name	Type	Value	Optional	Documentation
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Name	Type	Value	Optional	Documentation
Name	string		Yes	Original value: Temperature_Sensor.unit.o
Vendor	string		Yes	Original value: ULE Alliance

SubDevices

SubDevice "unit.1"

The *Simple Temperature Sensor* specifies a unit type that is able to provide temperature readings.

Properties

Name	Type	Value	Optional	Documentation
Name	string		Yes	Original value: Temperature_Sensor.unit.1
Vendor	string		Yes	Original value: ULE Alliance

Modules

Simple Temperature Sensor

Extends

Domain	Class
ule.hanfun.interfaces	ox301 – Simple Temperature Server Interface

Window_Sensor

A *Window Sensor* .

Properties

Name	Type	Value	Optional	Documentation
Name	string		Yes	Original value: Window_Sensor.unit.o
Vendor	string		Yes	Original value: ULE Alliance

SubDevices

SubDevice "unit.1"

The *Window Open/Close Detector* specifies a unit type that sends an alert when it detects that a

window opened or closed. The alert message is sent as soon as the window state changes.

Properties

Name	Type	Value	Optional	Documentation
Name	string		Yes	Original value: Window_Sensor.unit.1
Vendor	string		Yes	Original value: ULE Alliance

Modules

Window Open/Close Detector

Window State bit is set to "true" if the window is open or set to "false" if the window is closed.

Extends

Domain	Class
ule.hanfun.interfaces	0x100 – Alert Server Interface

Power_Plug_Bar

A *Power Plug Bar* with 5 (five) independent outlets.

Properties

Name	Type	Value	Optional	Documentation
Name	string		Yes	Original value: Power_Plug_Bar
Vendor	string		Yes	Original value: ULE Alliance

SubDevices

SubDevice "unit.1"

The *AC Outlet* specifies a unit type that receives a command to turn on/off some physical bi-stable AC actuator attached to the device.

Properties

Name	Type	Value	Optional	Documentation
Name	string		Yes	Original value: Power_Plug_Bar.unit.1
Vendor	string		Yes	Original value: ULE Alliance

Modules

Power Switch

Extends

Domain	Class
ule.hanfun.interfaces	ox200 – On/Off Server Interface

SubDevice "unit.2"

The *AC Outlet* specifies a unit type that receives a command to turn on/off some physical bi-stable AC actuator attached to the device.

Properties

Name	Type	Value	Optional	Documentation
Name	string		Yes	Original value: Power_Plug_Bar.unit.2
Vendor	string		Yes	Original value: ULE Alliance

Modules

Power Switch

Extends

Domain	Class
ule.hanfun.interfaces	ox200 – On/Off Server Interface

SubDevice "unit.3"

The *AC Outlet* specifies a unit type that receives a command to turn on/off some physical bi-stable AC actuator attached to the device.

Properties

Name	Type	Value	Optional	Documentation
Name	string		Yes	Original value: Power_Plug_Bar.unit.3
Vendor	string		Yes	Original value: ULE Alliance

Modules

Power Switch

Extends

Domain	Class
ule.hanfun.interfaces	ox200 – On/Off Server Interface

SubDevice "unit.4"

The *AC Outlet* specifies a unit type that receives a command to turn on/off some physical bi-stable AC actuator attached to the device.

Properties

Name	Type	Value	Optional	Documentation
Name	string		Yes	Original value: Power_Plug_Bar.unit.4
Vendor	string		Yes	Original value: ULE Alliance

Modules

Power Switch

Extends

Domain	Class
ule.hanfun.interfaces	ox200 – On/Off Server Interface

SubDevice "unit.5"

The *AC Outlet* specifies a unit type that receives a command to turn on/off some physical bi-stable AC actuator attached to the device.

Properties

Name	Type	Value	Optional	Documentation
Name	string		Yes	Original value: Power_Plug_Bar.unit.5
Vendor	string		Yes	Original value: ULE Alliance

Modules

Power Switch

Extends

Domain	Class
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Domain	Class
ule.hanfun.interfaces	ox200 - On/Off Server Interface