









HMIP-PSM – HomeMatic WebUI - Devices

RaspberryMatic Admin
Home page > Status and control > Devices

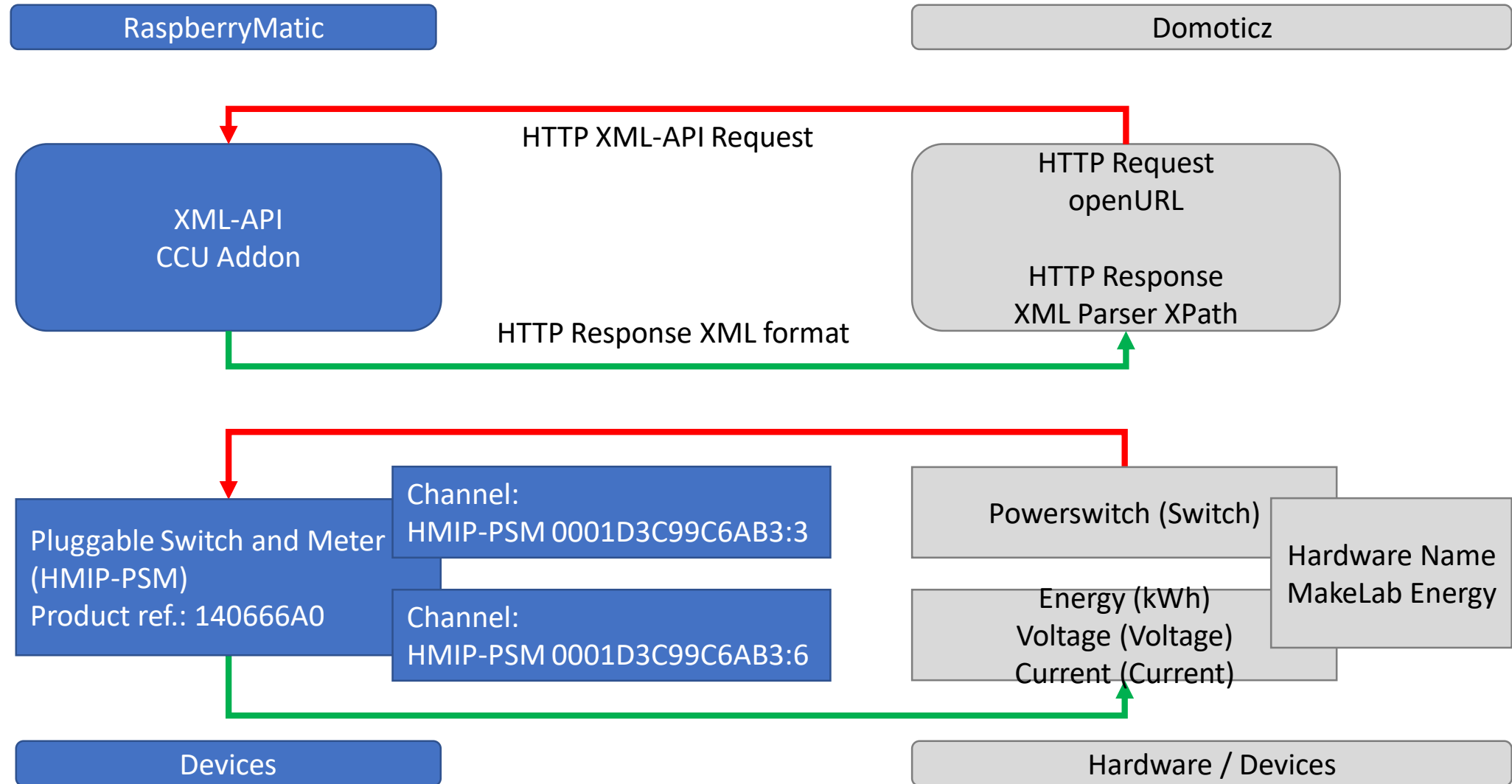
Home page Status and control Programs and connections Settings

Name	Picture
Filter	
HM-RCV-50 BidCoS-RF	
HmIP-eTRV-2 000A18A9A64DAC	
HMIP-PSM 0001D3C99C6AB3	
HmIP-RCV-50 61A7D7098E047C	
VIR-LG-DIM HU-Hue white I	
VIR-LG-DIM HU-Hue white01	
VIR-LG-DIM HU-Hue white02	
VIR-LG-DIM HU-Hue white03	

Channel	Room	Function	Last modified	Control
Filter	Filter	Filter		
HMIP-PSM 0001D3C99C6AB3:3 Switch actuator				Off On
HMIP-PSM 0001D3C99C6AB3:6 Status report measured value channel	Home office			Energy counter RaspMatic 1.345 kWh Energy counter device 0.60 Wh Voltage 230.70 V Power 36.49 W Reset Current 263.00 mA Frequency 49.98 Hz

Status and control > Devices > Name HSM-PSM 0001D3C99C6AB3

HMIP-PSM Communication RaspberryMatic - Domoticz



HMIP-PSM – Get the IDs for the Device and Datapoints (XML-API)

Get the devices state list: <http://ccu-ip-address/config/xmlapi/statelist.cgi>

Result is XML tree.

Select device HMIP-PSM with serial number 0001D3C99C6AB3, device id 1481 and the two channels

- Channel 3 (Switch actuator) with datapoint id 1451 (STATE)
- Channel 6 (Status report measured value channel) with datapoints id 1465 (CURRENT), 1467 (ENERGY_COUNTER), 1471 (POWER), 1473 (VOLTAGE)

The ids are used in the plugin configuration.

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<stateList>
+ <device ise_id="1011" name="HM-RCV-50 BidCoS-RF">
+ <device ise_id="1541" name="HmIP-eTRV-2 000A18A9A64DAC" config_pending="false" unreachable="false">
- <device ise_id="1418" name="HMIP-PSM 0001D3C99C6AB3" config_pending="false" unreachable="false">
+ <channel ise_id="1419" name="HMIP-PSM 0001D3C99C6AB3:0" operate="true" visible="true" index="0">
+ <channel ise_id="1438" name="HMIP-PSM 0001D3C99C6AB3:1" operate="true" visible="true" index="1">
+ <channel ise_id="1441" name="HMIP-PSM 0001D3C99C6AB3:2" operate="true" visible="true" index="2">
- <channel ise_id="1446" name="HMIP-PSM 0001D3C99C6AB3:3" operate="true" visible="true" index="3">
  <datapoint ise_id="1448" name="HmIP-RF.0001D3C99C6AB3:3.PROCESS" operations="5" timestamp="1562056219" valueunit="" valuetype="16" value="0" type="PROCESS"/>
  <datapoint ise_id="1449" name="HmIP-RF.0001D3C99C6AB3:3.SECTION" operations="5" timestamp="1562056219" valueunit="" valuetype="16" value="2" type="SECTION"/>
  <datapoint ise_id="1450" name="HmIP-RF.0001D3C99C6AB3:3.SECTION_STATUS" operations="5" timestamp="1562056219" valueunit="" valuetype="16" value="0" type="SECTION_STATUS"/>
  <datapoint ise_id="1451" name="HmIP-RF.0001D3C99C6AB3:3.STATE" operations="7" timestamp="1562056219" valueunit="" valuetype="2" value="true" type="STATE"/>
</channel>
+ <channel ise_id="1452" name="HMIP-PSM 0001D3C99C6AB3:4" operate="true" visible="false" index="4">
+ <channel ise_id="1458" name="HMIP-PSM 0001D3C99C6AB3:5" operate="true" visible="false" index="5">
- <channel ise_id="1464" name="HMIP-PSM 0001D3C99C6AB3:6" operate="true" visible="true" index="6">
  <datapoint ise_id="1465" name="HmIP-RF.0001D3C99C6AB3:6.CURRENT" operations="5" timestamp="1562056219" valueunit="mA" valuetype="4" value="263.000000" type="CURRENT"/>
  <datapoint ise_id="1466" name="HmIP-RF.0001D3C99C6AB3:6.CURRENT_STATUS" operations="5" timestamp="1562056219" valueunit="" valuetype="16" value="0" type="CURRENT_STATUS"/>
  <datapoint ise_id="1467" name="HmIP-RF.0001D3C99C6AB3:6.ENERGY_COUNTER" operations="5" timestamp="1562056219" valueunit="Wh" valuetype="4" value="0.600000" type="ENERGY_COUNTER"/>
  <datapoint ise_id="1468" name="HmIP-RF.0001D3C99C6AB3:6.ENERGY_COUNTER_OVERFLOW" operations="5" timestamp="1562056219" valueunit="" valuetype="2" value="false" type="ENERGY_COUNTER_OVERFLOW"/>
  <datapoint ise_id="1469" name="HmIP-RF.0001D3C99C6AB3:6.FREQUENCY" operations="5" timestamp="1562056219" valueunit="Hz" valuetype="4" value="49.980000" type="FREQUENCY"/>
  <datapoint ise_id="1470" name="HmIP-RF.0001D3C99C6AB3:6.FREQUENCY_STATUS" operations="5" timestamp="1562056219" valueunit="" valuetype="16" value="0" type="FREQUENCY_STATUS"/>
  <datapoint ise_id="1471" name="HmIP-RF.0001D3C99C6AB3:6.POWER" operations="5" timestamp="1562056219" valueunit="W" valuetype="4" value="36.490000" type="POWER"/>
  <datapoint ise_id="1472" name="HmIP-RF.0001D3C99C6AB3:6.POWER_STATUS" operations="5" timestamp="1562056219" valueunit="" valuetype="16" value="0" type="POWER_STATUS"/>
  <datapoint ise_id="1473" name="HmIP-RF.0001D3C99C6AB3:6.VOLTAGE" operations="5" timestamp="1562056219" valueunit="V" valuetype="4" value="230.700000" type="VOLTAGE"/>
  <datapoint ise_id="1474" name="HmIP-RF.0001D3C99C6AB3:6.VOLTAGE_STATUS" operations="5" timestamp="1562056219" valueunit="" valuetype="16" value="0" type="VOLTAGE_STATUS"/>
</channel>
<channel ise_id="1475" name="HMIP-PSM 0001D3C99C6AB3:7" operate="true" visible="false" index="7"/>
</device>
```

HMIP-PSM – Domoticz Add Hardware

Idx	Name	Enabled	Type	Address	Port	Data Timeout
9	MakeLab Energy	Yes	homematicIP Pluggable Switch and Meter (HMIP-PSM)	192.168.		Disabled

Enabled: ☒

Name:

Type:

Data Timeout:
Specifying a Data Timeout will restart the hardware device if no data is received for the specified time.
Do not enable this option for devices that do not receive data!

homematicIP Pluggable Switch and Meter (HMIP-PSM) v1.0

- Switch the device On or Off.
- Measure, in regular intervals, the power (W), energy (Wh), voltage (V), current (mA).

Domoticz Devices Name (TypeName)

- Energy (kWh)
- Voltage (Voltage)
- Current (Current)
- Powerswitch (Switch)

Configuration

- Address (CCU IP address, i.e. 192.168.)
- IDs (obtained via XML-API script <http://ccu-ip-address/config/xmlapi/statelist.cgi> using the HomeMatic WebUI Device Channel, i.e. HMIP-PSM 0001D3C99C6AB3:3 (switch) or :6 (meter):
- Device HMIP-PSM (i.e. 1418)
- Datapoint SWITCH: STATE (i.e. 1451)
- Datapoints ENERGY(#4): ENERGY_COUNTER, POWER, VOLTAGE, CURRENT as comma separated list in this order (i.e. 1467,1471,1473,1465)

Host:

Device ID:

Datapoint SWITCH STATE:

Datapoints ENERGY:





Check Interval (sec):

Debug: ☒

HMIP-PSM – Domoticz Add Hardware Log

```
2019-07-02 10:24:05.761 Status: (MakeLab Energy) Started.
2019-07-02 10:24:06.426 (MakeLab Energy) Debug logging mask set to: PYTHON PLUGIN QUEUE IMAGE DEVICE CONNECTION MESSAGE ALL
2019-07-02 10:24:06.426 (MakeLab Energy) 'Mode3':1467,1471,1473,1465'
2019-07-02 10:24:06.426 (MakeLab Energy) 'Mode2':1451'
2019-07-02 10:24:06.426 (MakeLab Energy) 'HomeFolder':/home/pi/domoticz/plugins/hmip-psm/
2019-07-02 10:24:06.426 (MakeLab Energy) 'Database':/home/pi/domoticz/domoticz.db'
2019-07-02 10:24:06.426 (MakeLab Energy) 'Key':HMIP-PSM'
2019-07-02 10:24:06.426 (MakeLab Energy) 'Mode5':60'
2019-07-02 10:24:06.426 (MakeLab Energy) 'Version':1.0 (Build 20190702)'
2019-07-02 10:24:06.426 (MakeLab Energy) 'Language':en'
2019-07-02 10:24:06.426 (MakeLab Energy) 'UserDataFolder':/home/pi/domoticz/'
2019-07-02 10:24:06.426 (MakeLab Energy) 'DomoticzHash':75effa672'
2019-07-02 10:24:06.426 (MakeLab Energy) 'HardwareID':9'
2019-07-02 10:24:06.426 (MakeLab Energy) 'Port':0'
2019-07-02 10:24:06.426 (MakeLab Energy) 'Author':rwbL'
2019-07-02 10:24:06.426 (MakeLab Energy) 'DomoticzBuildTime':2019-06-27 14:56:10'
2019-07-02 10:24:06.426 (MakeLab Energy) 'DomoticzVersion':4.10935'
2019-07-02 10:24:06.426 (MakeLab Energy) 'Mode6':Debug'
2019-07-02 10:24:06.426 (MakeLab Energy) 'StartupFolder':/home/pi/domoticz/'
2019-07-02 10:24:06.426 (MakeLab Energy) 'Mode1':1418'
2019-07-02 10:24:06.426 (MakeLab Energy) 'Address':ccu-ip-address'
2019-07-02 10:24:06.427 (MakeLab Energy) 'Name':MakeLab Energy'
2019-07-02 10:24:06.427 (MakeLab Energy) Device count: 0
2019-07-02 10:24:06.427 (MakeLab Energy) Creating new devices ...
2019-07-02 10:24:06.427 (MakeLab Energy) Creating device 'Energy'.
2019-07-02 10:24:06.428 (MakeLab Energy) Device created: MakeLab Energy - Energy
2019-07-02 10:24:06.428 (MakeLab Energy) Creating device 'Voltage'.
2019-07-02 10:24:06.429 (MakeLab Energy) Device created: MakeLab Energy - Voltage
2019-07-02 10:24:06.429 (MakeLab Energy) Creating device 'Current'.
2019-07-02 10:24:06.430 (MakeLab Energy) Device created: MakeLab Energy - Current
2019-07-02 10:24:06.430 (MakeLab Energy) Creating device 'Powerswitch'.
2019-07-02 10:24:06.431 (MakeLab Energy) Device created: MakeLab Energy - Powerswitch
2019-07-02 10:24:06.431 (MakeLab Energy) Creating new devices: OK
2019-07-02 10:24:06.431 (MakeLab Energy) Heartbeat set: 60
2019-07-02 10:24:06.431 (MakeLab Energy) Pushing 'PollIntervalDirective' on to queue
2019-07-02 10:24:06.431 (MakeLab Energy) Datapoints:1467,1471,1473,1465
2019-07-02 10:24:06.431 (MakeLab Energy) Processing 'PollIntervalDirective' message
2019-07-02 10:24:06.431 (MakeLab Energy) Heartbeat interval set to: 60.
2019-07-02 10:24:06.423 Status: (MakeLab Energy) Entering work loop.
2019-07-02 10:24:06.424 Status: (MakeLab Energy) Initialized version 1.0 (Build 20190702), author 'rwbL'
```


HMIP-PSM – Domoticz Devices

	Idx ^	Hardware ^	ID ^	Unit ^	Name ^	Type ^	SubType ^	Data
	53	MakeLab Energy	00090001	1	MakeLab Energy - Energy	General	kWh	0.012 kWh
	54	MakeLab Energy	00090002	2	MakeLab Energy - Voltage	General	Voltage	229.7 V
	55	MakeLab Energy	00090003	3	MakeLab Energy - Current	General	Current	0.2 A
	56	MakeLab Energy	00090004	4	MakeLab Energy - Powerswitch	Light/Switch	Switch	On


MakeLab Energy - Powerswitch **On**




Last Seen: 2019-07-02 10:27:20
Type: Light/Switch, Switch, On/Off

 [Log](#) [Edit](#) [Timers](#) [Notifications](#)


MakeLab Energy - Energy **27.15 Watt**




Today: 0.010 kWh
Last Seen: 2019-07-02 10:55:35
Type: General, kWh

 [Log](#) [Edit](#) [Notifications](#)


MakeLab Energy - Voltage **229.7 V**




Last Seen: 2019-07-02 10:55:35
Type: General, Voltage

 [Log](#) [Edit](#) [Notifications](#)

MakeLab Energy - Current **0.2 A**



Last Seen: 2019-07-02 10:55:35
Type: General, Current

 [Log](#) [Edit](#) [Notifications](#)