

It will ONLY be switched, NO-sensor values read!

Available on devices of the V3 version from patch level 1008

Devices before the V2 version-NOT-Supported!

**Exceptions are:**

ALL3073 from Version 2.00.1002

ALL3075V2, ALL4075, ALL4076 from Version 2.00.1001

Description without Activated Basic authentication. If this is enable, you must pass the Authentication in URL.

(Basic Authentication: [http:// USER: PASSWORD@192.168.0.100/xml/jsonswitch.php](http://USER:PASSWORD@192.168.0.100/xml/jsonswitch.php))

In this description is called Device IP is the IP address set in the factory state "[192.168.0.100](http://192.168.0.100)".

This must be replaced by the assigned address.

Call, <http://192.168.0.100/xml/jsonswitch.php>.

## Parameter

„id={id}“ Number or name of the switching sensor / actuator

„set={0/1/[99.99]/toggle}“ Switch actuator off or on

„fading=[99.99]“ Fading value only analog actuators (optional)

„sensor={reset\_count} {reset\_today} {reset\_absolute}“ Reset or Set a sensor value

„callback={objekt}“ (optional) Values are returned as JSONP object

### id

Command (URL) <http://192.168.0.100/xml/jsonswitch.php?id=2>

Explanation here is determined with which actuator to be switched.  
Is the parameter „set“ not set the device returns only the status (0/1).

Response

```
{
  "result": {
    "id": "2",
    "status": 0
  }
}
```

**set**      **0/1/[99.99\*]**

Command (URL)    <http://192.168.0.100/xml/jsonswitch.php?id=2&set=1>

Explanation      *(optional)*  
with this parameter, the on / off switching command is set.  
It returns always the status before switching and the command themselves.

\*) For analog outputs, an arbitrary integer or float value can be transferred here. Float values must be entered with "." E.g. 7.21

Response        {  
                  "result": {  
                    "id": "2",  
                    "status": 0,  
                    "set": "1"  
                  }  
                }

**set**      **toggle**

Command (URL)    <http://192.168.0.100/xml/jsonswitch.php?id=2&set=toggle>

Explanation      *(optional)*  
with this parameter, the toggle command is set  
This command checks always the state of output and toggle the output.

Output is ON -> Output is switched OFF

Output is OFF->Output is switched ON

It returns always the status before switching and the command themselves.

Response        {  
                  "result": {  
                    "id": "2",  
                    "status": 0,  
                    "set": "1"  
                  }  
                }

## fading [99.99]

Command (URL) <http://192.168.0.100/xml/jsonswitch.php?id=2&set=4.75&fading=4.5>

Explanation (optional)  
Parameter set the fading speed (in seconds).

Response

```
{
  "result": {
    "id": "2",
    "status": 0,
    "set": "1"
  },
  "fading": "4.5",
}
```

## sensor reset\_count

Command (URL) [http://192.168.0.100/xml?id=123&set=231&sensor=reset\\_count](http://192.168.0.100/xml?id=123&set=231&sensor=reset_count)

Explanation (optional)  
can be set to a counting sensor to set 0 or enforce any value.

Response

```
success case;
{
  "result":{
    "id":"134",
    „sensor": "reset_count",
    "set": "234"
  }
}

case of error;
{
  "result":{
    "id":"134",
    „sensor": "reset_count",
    "set": "234"
    "error": "given sensor is not a counter!"
  }
}
```

# MSR REMOTE API

(json output, switching with json response)



sensor	reset_today
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Command (URL) [http://192.168.0.100/xml?id=123&set=0&sensor=reset\\_today](http://192.168.0.100/xml?id=123&set=0&sensor=reset_today)

Explanation *(optional)*  
Set to set or reset the Recorded MIN / MAX value of today.  
No value can be set!

Response

```
{
  "result":{
    "id":"123",
    „sensor": "reset_today",
    "set": "0"
  }
}
```

sensor	reset_absolute
--------	----------------

Command (URL) [http://192.168.0.100/xml?id=123&set=0&sensor=reset\\_absolute](http://192.168.0.100/xml?id=123&set=0&sensor=reset_absolute)

Explanation *(optional)*  
Set to reset the recorded MIN / MAX value from the beginning of the recording.  
No value can be set!

Response

```
{
  "result":{
    "id":"123",
    „sensor": "reset_absolute",
    "set": "0"
  }
}
```

# MSR REMOTE API

(json output, switching with json response)



## callback

Command (URL) <http://192.168.0.100/xml?id=2&set=0&callback=demo>

Explanation *(optional)*  
can be set to get back the data as a JSONP object.

Response

```
demo({
  "result": {
    "id": "2",
    "status": 1,
    "set": "0"
  }
})
```