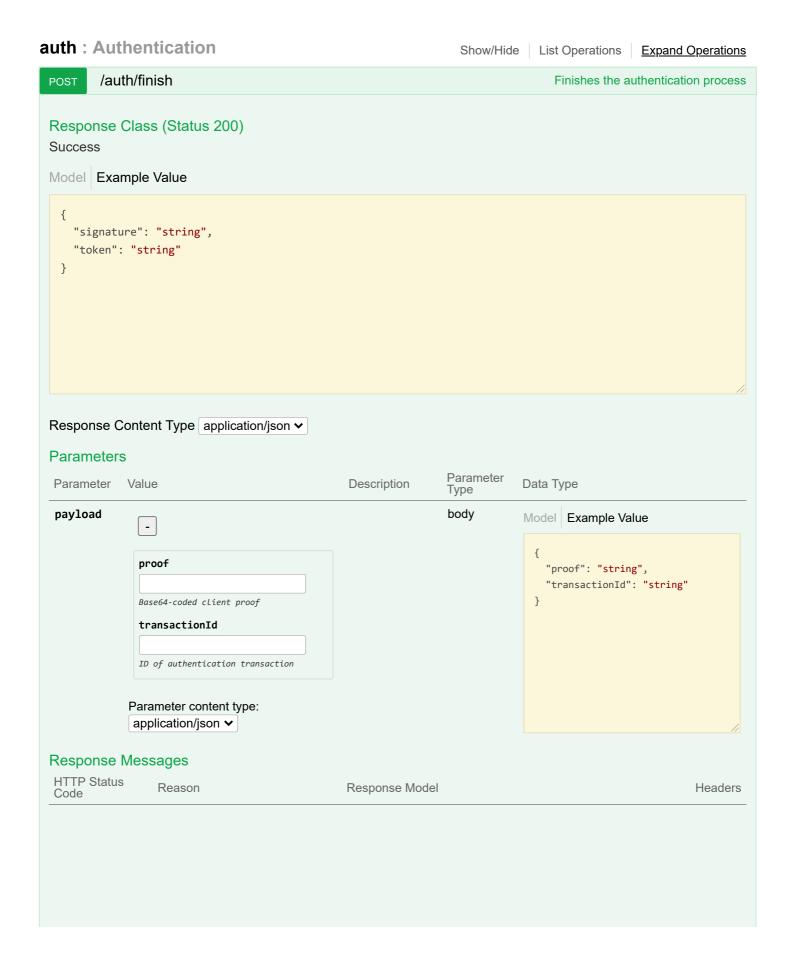
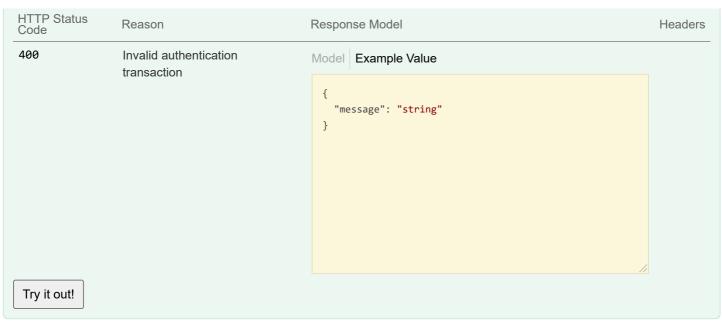


PIKO IQ / PLENTICORE plus API

REST-based API for PIKO IQ and PLENTICORE plus inverters





```
Response Class (Status 200)
Success

Model | Example Value |

{ "sessionId": "string" }
}

Response Content Type | application/json >

Parameters

Parameter | Value | Description | Parameter | Data Type |

Parameter | Value | Description | Parameter | Data Type |

Parameter | Value | Description | Parameter | Data Type |

Parameter | Value | Description | Parameter | Data Type |

Parameter | Value | Description | Parameter | Data Type |

Parameter | Value | Description | Parameter | Data Type |

Parameter | Value | Description | Parameter | Data Type |

Parameter | Value | Description | Parameter | Data Type |

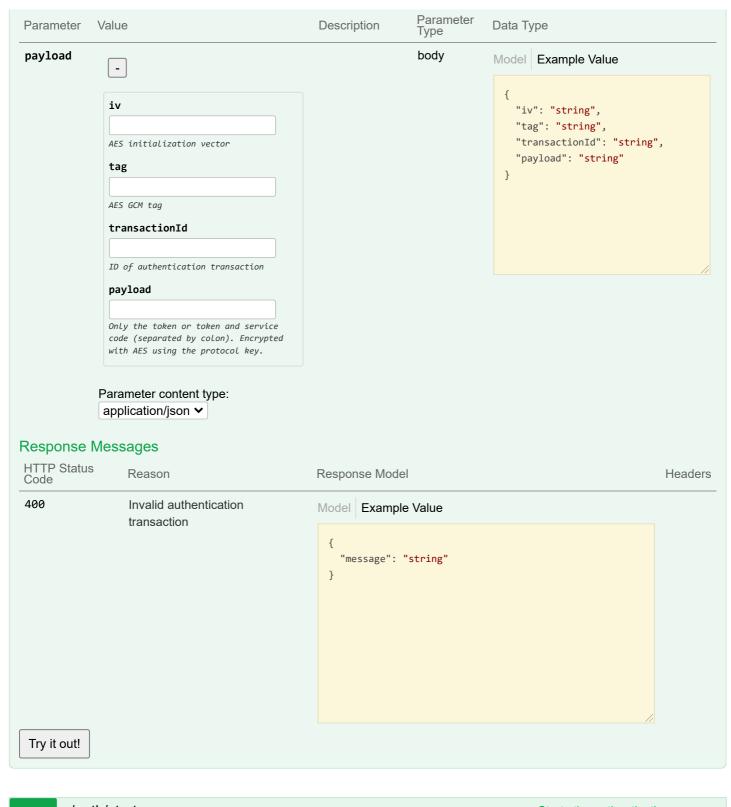
Parameter | Value | Description | Parameter | Data Type |

Parameter | Value | Description | Parameter | Data Type |

Parameter | Value | Description | Parameter | Data Type |

Parameter | Data Type | Data
```

Parameter Value Description Parameter Type Data Type



Response Class (Status 200) Success Model Example Value { "salt": "string", "rounds": 0, "transactionId": "string", "nonce": "string" }

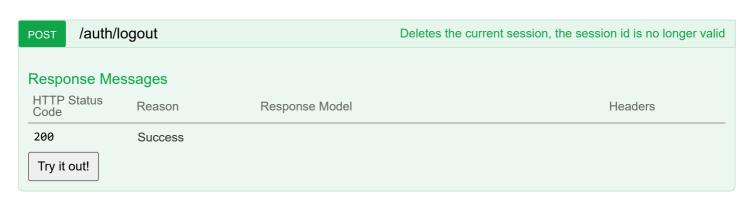
Response Content Type application/json > **Parameters** Parameter Parameter Value Description Data Type Туре payload body Model Example Value username "username": "string", "nonce": "string" Type of Login: "user" or "master" nonce Base64-coded random nonce of Length 12 bytes Parameter content type: application/json ❤ Response Messages HTTP Status Code Reason Response Model Headers Invalid user 400 Model Example Value "message": "string" 403 User is locked Model Example Value "message": "string"

```
HTTP Status Code

Reason Response Model Example Value

{ "message": "string" }

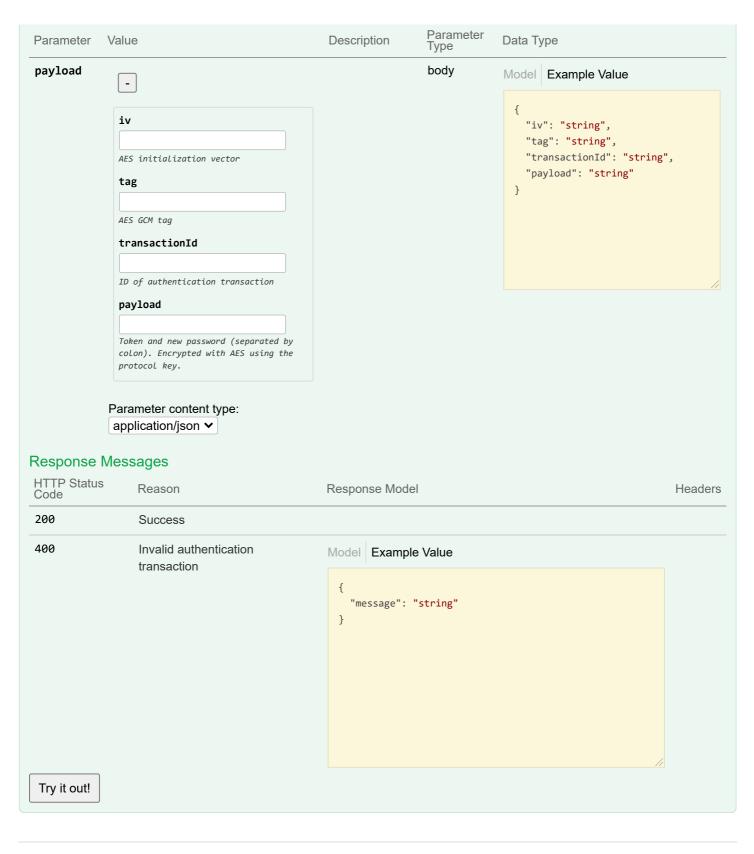
Try it out!
```



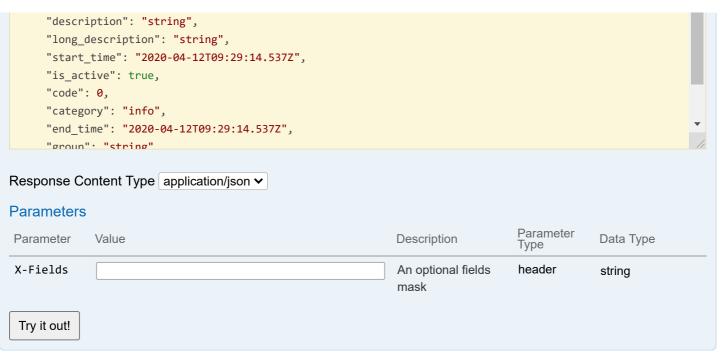
```
/auth/me
GET
                                                                                  Returns information about the user
Response Class (Status 200)
Success
Model Example Value
    "role": "string",
   "permissions": [
     "string"
   ],
    "authenticated": true,
    "active": true,
    "anonymous": true,
    "locked": true
 }
Response Content Type application/json >
 Try it out!
```

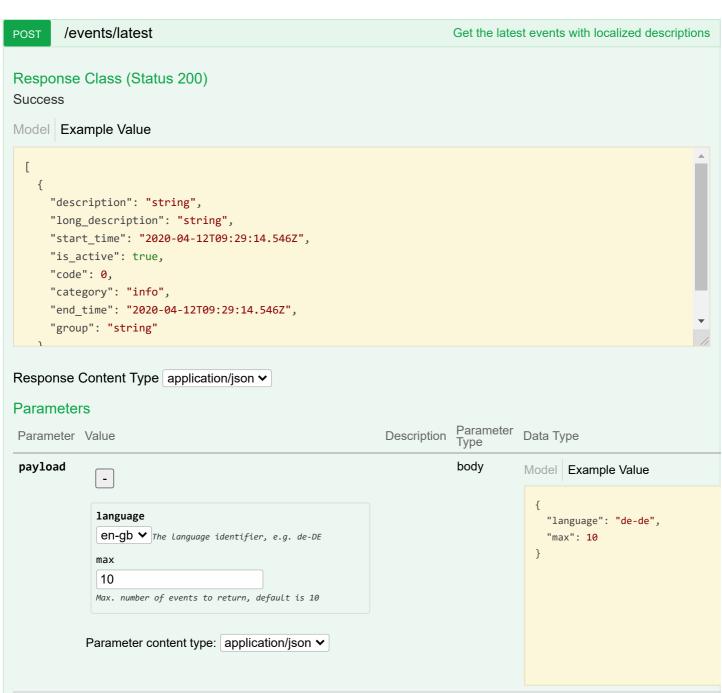
Post /auth/set_password Sets a new password after successful authentication with master-key or user-password

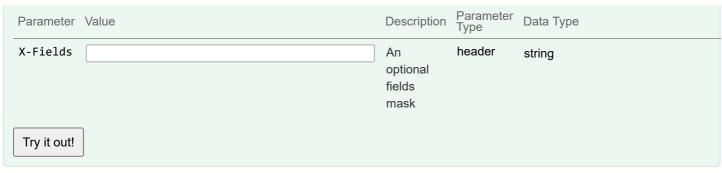
Parameters











firmwareupdate : Firmware Update Show/Hide List Operations Expand Operations /firmwareupdate/status Returns the status and progress of the current or last update process Response Class (Status 200) Success Model Example Value "status": "idle", "current_percent": 0, "target": "string" Response Content Type application/json > **Parameters** Parameter Parameter Value Description Data Type Type X-Fields An optional fields header string mask Try it out!

```
Info: Information

Show/Hide | List Operations | Expand Operations |

Returns information about the API

Response Class (Status 200)
Success

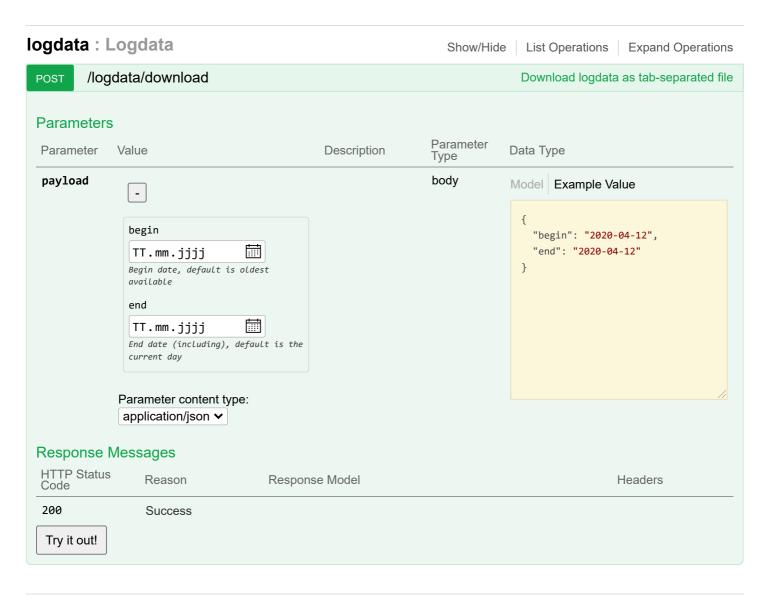
Model | Example Value

{
    "name": "string",
    "hostname": "string",
    "api_version": "string",
```

```
"sw_version": "string"
}

Response Content Type application/json ➤

Try it out!
```



```
modules: Modules

Returns list of all available modules (providing process data or settings)

Response Class (Status 200)
Success

Model Example Value

[
    "type": "string",
    "id": "string"
```

processdata: Process Data

Show/Hide | List Operations | Expand Operations

Returns list of all modules with a list of available process-data identifiers

Response Class (Status 200)

/processdata

Success

GET

Model Example Value

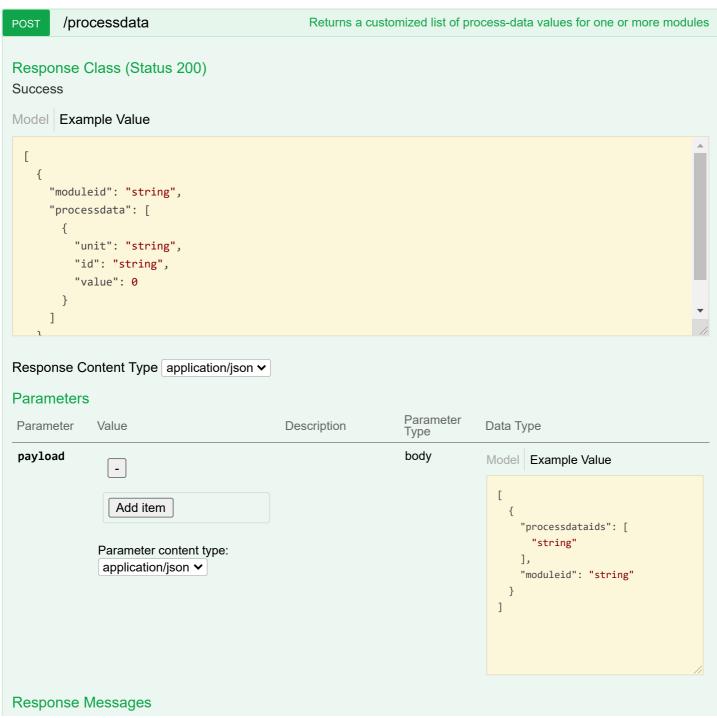
Response Content Type application/json >

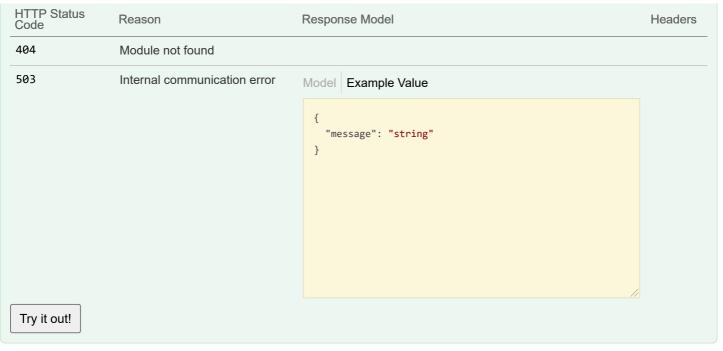
Response Messages

HTTP Status Code Reason Response Model Headers

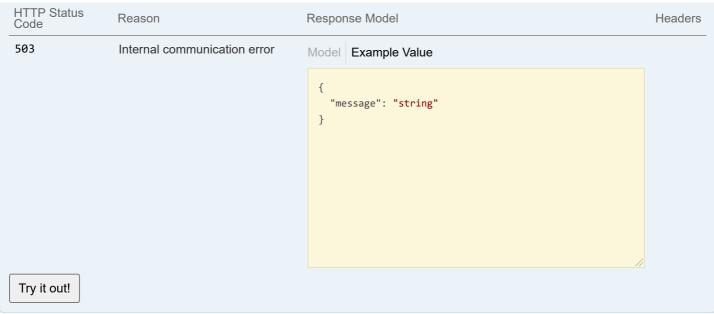
404 Module not found



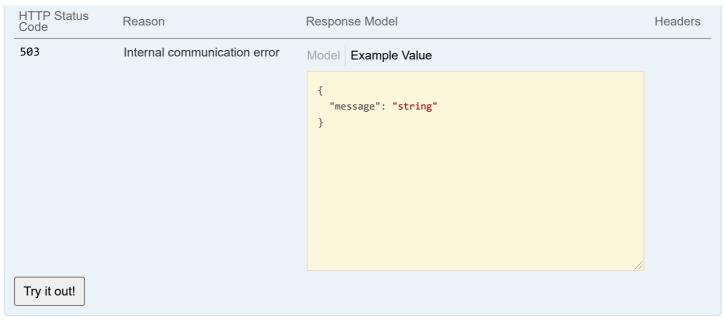




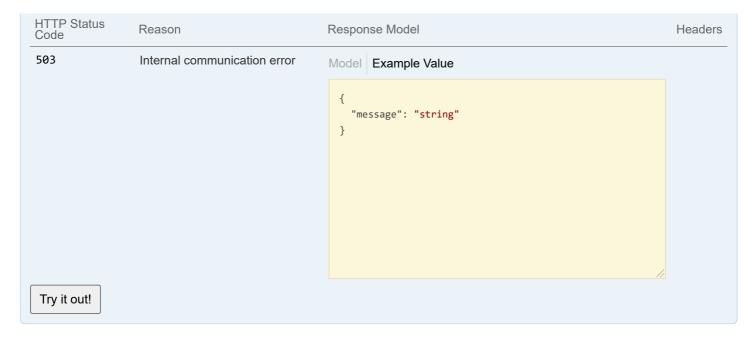
```
/processdata/{moduleid}/{processdataid}
                                                                     Returns specified process-data value of a module
GET
Response Class (Status 200)
Success
Model Example Value
      "moduleid": "string",
      "processdata": [
          "unit": "string",
          "id": "string",
          "value": 0
      ]
Response Content Type | application/json >
Parameters
                                                                                    Parameter
Parameter
                 Value
                                                                 Description
                                                                                                 Data Type
                                                                                    Type
moduleid
                                                                 The module
                 (required)
                                                                                    path
                                                                                                 string
                                                                 identifier
processdataid
                 (required)
                                                                 The process-data
                                                                                    path
                                                                                                 string
                                                                 identifier
Response Messages
HTTP Status
                 Reason
                                                Response Model
                                                                                                        Headers
Code
404
                 Module or process-data not
                 found
```



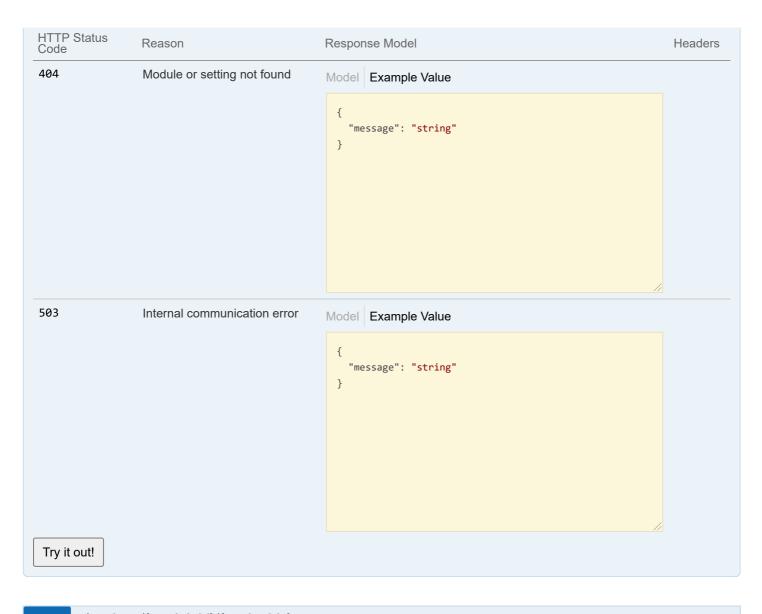
```
/processdata/{moduleid}
                                                         Returns list of all available process-data identifiers of a module
GET
Response Class (Status 200)
Success
Model Example Value
    {
      "moduleid": "string",
      "processdata": [
          "unit": "string",
          "id": "string",
          "value": 0
        }
     ]
Response Content Type application/json >
Parameters
                                                                                  Parameter
Parameter
              Value
                                                              Description
                                                                                               Data Type
                                                                                  Type
moduleid
                                                              The module
                                                                                  path
              (required)
                                                                                                string
                                                              identifier
Response Messages
HTTP Status
                 Reason
                                               Response Model
                                                                                                       Headers
Code
404
                 Module not found
```



```
/processdata/{moduleid}/{processdataids}
                                                                    Returns specified process-data values of a module
GET
Response Class (Status 200)
Success
Model Example Value
      "moduleid": "string",
      "processdata": [
          "unit": "string",
          "id": "string",
          "value": 0
      ]
Response Content Type application/json >
Parameters
                                                                                    Parameter
Parameter
                  Value
                                                                  Description
                                                                                                 Data Type
                                                                                    Type
moduleid
                                                                  The module
                                                                                    path
                  (required)
                                                                                                 string
                                                                  identifier
processdataids
                 (required)
                                                                  A comma-
                                                                                    path
                                                                                                 string
                                                                  separated list of
                                                                  process-data
                                                                  identifiers
Response Messages
HTTP Status
                                                                                                        Headers
                 Reason
                                                Response Model
Code
404
                 Module or process-data not
                 found
```



settings: Settings Show/Hide List Operations | Expand Operations GET /settings/{moduleid}/{settingid} Returns specified setting of a module Response Class (Status 200) Success Model Example Value "id": "string", "value": "string"] Response Content Type | application/json ➤ **Parameters** Parameter Value Description Parameter Data Type Type moduleid (required) The module path string identifier settingid The settings path (required) string identifier X-Fields An optional fields header string mask Response Messages **HTTP Status** Reason Headers Response Model Code



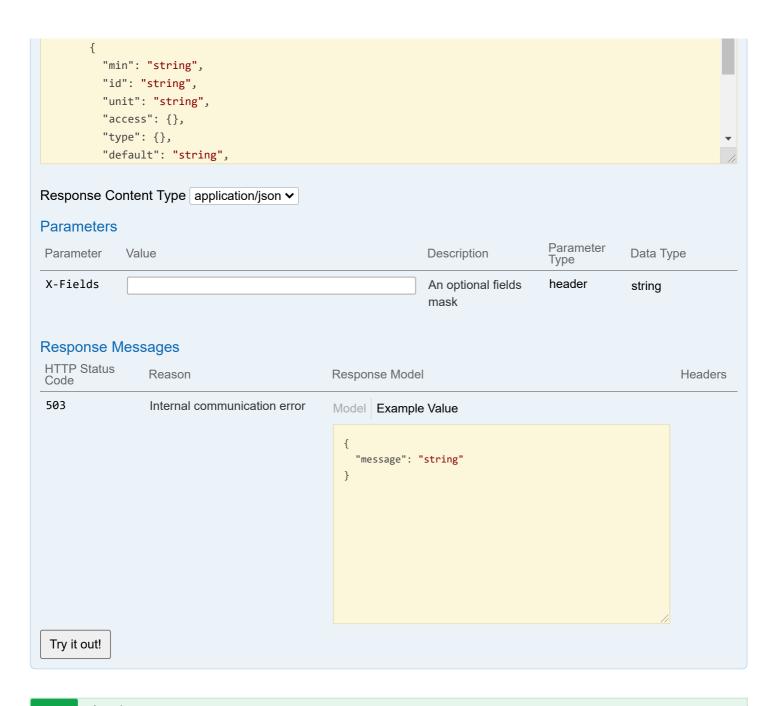
```
/settings/{moduleid}/{settingids}
                                                                              Returns specified settings of a module
Response Class (Status 200)
Success
Model Example Value
      "id": "string",
      "value": "string"
 ]
Response Content Type application/json >
Parameters
                                                                                 Parameter
Parameter
              Value
                                                              Description
                                                                                              Data Type
                                                                                  Type
```

Parameter	Value		Description	Parameter Type	Data Type			
moduleid	(required)		The module identifier	path	string			
settingids	(required)		A comma- separated list of settings identifiers	path	string			
X-Fields			An optional fields mask	header	string			
Response Messages								
HTTP Status Code	Reason	Response Model			Headers			
	Module or setting not found	Model Example { "message": " }						
Try it out!	Internal communication error	Model Example { "message": " }						

```
Response Class (Status 200)
Success

Model Example Value

[ {
    "settings": [
```

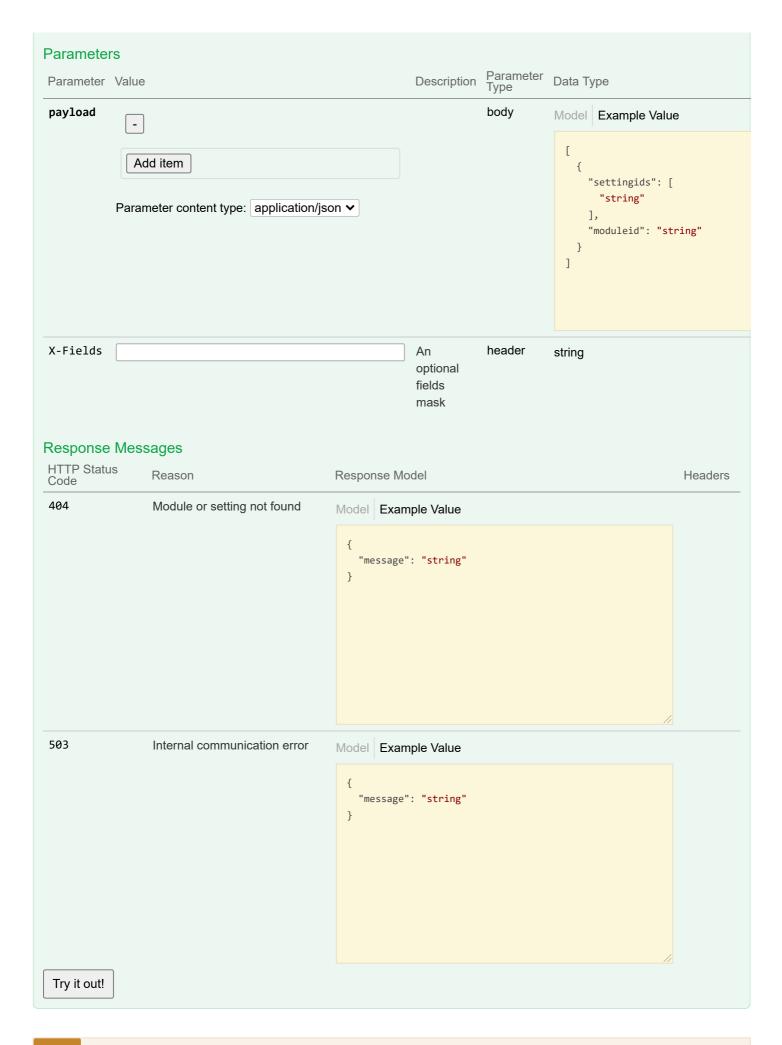


```
Response Class (Status 200)
Success

Model Example Value

[
{
    "settings": [
    {
        "id": "string",
        "value": "string"
    }
    ],
    "moduleid": "string"
    }

Response Content Type application/json >
```



```
Response Class (Status 200)
Success
Model Example Value
  [
    {
      "settings": [
          "id": "string",
          "value": "string"
      ],
      "moduleid": "string"
Response Content Type application/json ✓
Parameters
                                                                        Parameter
Type
Parameter Value
                                                             Description
                                                                                   Data Type
payload
                                                                        body
                                                                                   Model Example Value
              -
                                                                                     [
              Add item
                                                                                         "settings": [
            Parameter content type: application/json ➤
                                                                                            "id": "string",
                                                                                            "value": "string"
                                                                                         ],
                                                                                         "moduleid": "string"
                                                                                       }
                                                                                     ]
X-Fields
                                                             An
                                                                        header
                                                                                   string
                                                             optional
                                                             fields
                                                             mask
Response Messages
HTTP Status
                  Reason
                                                Response Model
                                                                                                         Headers
Code
404
                  Module or setting not found
                                                Model Example Value
                                                   "message": "string"
```



```
Response Class (Status 200)
Success

Model | Example Value

[ {
    "id": "string",
    "value": "string"
    }
]

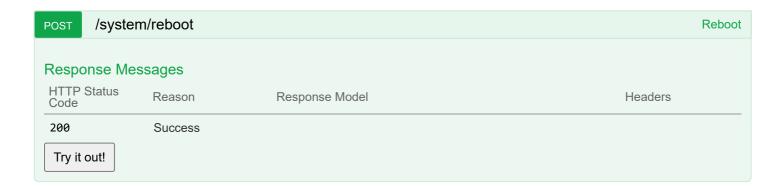
Response Content Type | application/json ✓
```

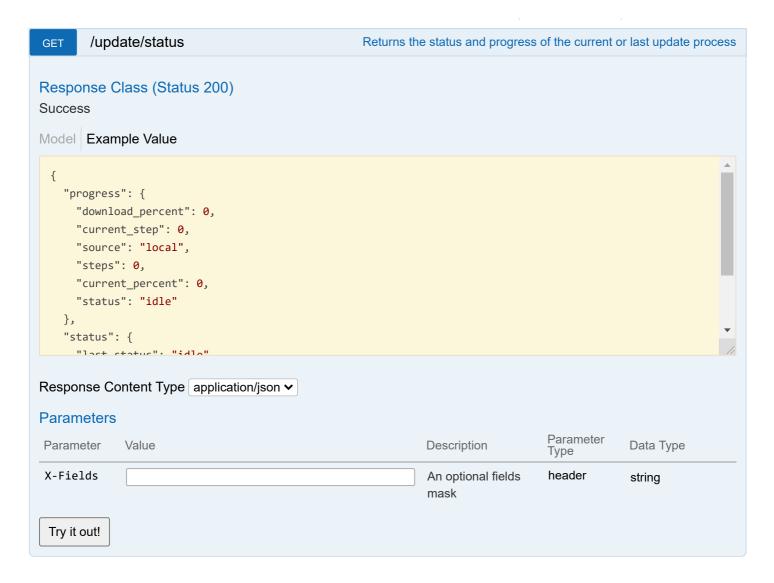
Parameters

Parameter	Value	Description	Type	Data Type
moduleid	(required)	The module identifier	path	string
X-Fields		An optional fields mask	header	string

Response Messages

HTTP Status Code Reason Response Model Headers







[BASE URL: /api/v1, API VERSION: 0.2.0]