

eConnect® PDU RESTful API User Guide

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Introduction

This manual provides a list of commands for accessing the Chatsworth Products (CPI) eConnect® PDU using a bulk, RESTful Application Programming Interface (API).

The eConnect Bulk API is organized around REST. The API is a “bulk” API because it doesn’t allow for filtering, sorting, collections or nesting of resources. This is done under the assumption that the retriever will process all of the data into a database and a single request will be faster with less overhead.

The API can be used to GET data from the PDU and POST changes to the PDU using the standard Ethernet network connection on the PDU.

The API requires an eConnect PDU with eConnect Controller 4 (MCM4) and firmware version 5.2.xxx or later or an eConnect PDU with eConnect Controller 3 (MCM3) and firmware version 4.12.xx or later. Download the latest firmware here:

chatsworth.com/en-us/resources/design-tools/software

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What is a REST API?

An API is an application programming interface— a set of rules that lets programs talk to each other, exposing data and functionality across the internet in a consistent format.

REST stands for Representational State Transfer. This is an architectural pattern that describes how distributed systems can expose a consistent interface. When users refer to the term 'REST API,' they are generally referring to an API accessed via HTTP protocol at a predefined set of URLs.

These URLs represent various resources—any information or content accessed at that location, which can be returned as JSON, HTML, audio files or images. Often, resources have one or more methods that can be performed on them over HTTP, like GET, POST, PUT and DELETE.

HTTP Headers

HTTP headers let the client and the server pass additional information with an HTTP request or response. An HTTP header consists of its case-insensitive name followed by a colon (:), then by its value. Whitespace before the value is ignored.

The Bulk API uses two custom HTTP Headers.

1. **SessionID:** Contains the Session ID value that is returned from the login end point. This header must be included in all requests. If it is not used, then the system will not be able to validate the request, and an error will be returned.
2. **PDUSelector:** Contains the PDU selector (address) of the PDU in the Secure Array®. The selector value can be retrieved from the Secure Array upgrade (saupgrade) end point. Selector values do not change and are unique to the PDU.
*NOTE: In the case of standalone or primary PDU, the PDUSelector header does not need to be specified.

Session Flow

A session working with the Bulk API follows the same basic workflow.

1. Create a login request JSON object.
2. Post to the login end point on the PDU.
3. Receive a login response object. If the request was successful, the response object will include a Session ID. This should be used as in the HTTP Headers for all subsequent calls.
4. Make calls to the various end points.

/bulk/login URL: POST

The POST login action should be the first call all users make to initiate a session. If successful, the response will contain a session ID. A session ID times out after 10 minutes of inactivity, after which a new session needs to be initiated.

URL:	/bulk/login/
Method	POST
Authorization required	Yes
Permissions required	None

Success Response

Code: 200 OK

Content examples

The system returns a result object.

Field	Description
resultCode	The result of the operation. <u>A 0 indicates success</u> . All other values should be considered a failure.
message	A human-readable explanation of the resultCode.
sessionid	This field is only available from the login endpoint and <u>only</u> if the result is a success. The session ID should be used in subsequent calls to the API.

```
[
  {
    "resultCode": "int",
    "message": "string",
    "sessionid": "string"
  }
]
```

A successful login returns the following:

```
{
  "resultCode": "0"
  "message": "OK"
  "sessionid": "12ad3479876"
}
```

/bulk/cert URL: DELETE

The DELETE action removes the HTTPS certificate from the system and uses the default certificate from the manufacturer.

URL	/bulk/cert/
Method	DELETE
Authorization required	YES
Permissions required:	User

Success Response

Code: 200 OK

Content examples

The system returns a result object.

Field	Description
resultCode	The result of the operation. <u>A 0 indicates success</u> all other values should be considered a failure.
message	A human-readable explanation of the resultCode.

```
[
  {
    "resultCode": "int",
    "message": "string"
  }
]
```

Successful deletion returns the following:

```
{
  "resultCode": "0",
  "message": "OK"
}
```

/bulk/cert URL: POST

The POST action is a HTTP multipart form that applies a new HTTPS certificate to the web server. The HTTPS certificate is a file specified as “cert”. The endpoint also allows for an optional Private Key Passphrase to be specified during certificate upload if needed with the uploaded certificate. The following examples cover how to use a curl command to POST against the system’s “/bulk/cert” endpoint. In these examples, “lighttpd.pem” is the certificate to upload and the value “passphrase” is the certificate’s associated Private Key Passphrase.

Example of POST via curl command for a certificate that does not require a Private Key Passphrase:

```
curl -X POST -H "SessionID: 1234567890" -F cert=@lighttpd.pem  
http://127.0.0.1/bulk/cert
```

Example of POST via curl command for a certificate requiring a Private Key Passphrase:

```
curl -X POST -H "SessionID: 1234567890" -F cert=@lighttpd.pem -F  
"privKeyPassphrase=passphrase" http://127.0.0.1/bulk/cert
```

The PDUSelector field is not valid for this endpoint. All HTTPS calls are only handled by the primary or alternate PDU. The certificate needs to be set independently on each of these PDUs.

URL	<i>/bulk/cert/</i>
Method	<i>POST</i>
Authorization required	YES
Permissions required	Admin

Success Response

Code: *200 OK*

Content examples

The system returns a result object.

Field	Description
resultCode	The result of the operation. A 0 indicates success. All other values should be considered a failure.
message	A human readable explanation of failure or success.
certificate	Feedback on whether certificate is in use
privKeyPassphrase	Feedback on whether the Private Key Passphrase was configured

```
{
  "resultCode": "int",
  "message": "string",
  "privKeyPassphrase": "string",
  "certificate": "string"
}
```

A successful application of the new certificate without a Private Key Passphrase being configured returns the following:

```
{
  "resultCode": "0",
  "message": "HTTP(S) Service restarted to reflect the change.",
  "certificate": "Customer certificate now in use."
}
```

A successful application of the new certificate with a Private Key Passphrase being configured returns the following:

```
{
  "resultCode": "0",
  "message": "HTTP(S) Service restarted to reflect the change.",
  "certificate": "Customer certificate now in use.",
  "privKeyPassphrase": "Certificate Private Key Passphrase configured."
}
```


/bulk/cert URL: GET

The GET action retrieves the status of the PDU's current certificate in use.

URL	<i>/bulk/cert/</i>
Method	<i>GET</i>
Authorization required	Yes
Permissions required	Admin

Success Response

Code: *200 OK*

Content examples

Field	Description
resultCode	The result of the operation. A 0 indicates success. All other values should be considered a failure.
message	Message representing the current certificate in use for the PDU.

```
{
  "resultCode": "int",
  "message": "string"
}
```

Response from a system using a customer uploaded certificate.

```
{
  "message": "Customer certificate is currently in use.",
  "resultCode": 0
}
```

Response from a system using a default manufacturing certificate.

```
{
  "message": "Default manufacture certificate is currently in use.",
  "resultCode": 0
}
```

/bulk/saupgrade URL: GET

The GET action retrieves a list of all the PDUs in the Secure Array. If a (saupgrade) process was initiated, the progress of that process can be tracked.

URL	<i>/bulk/saupgrade/</i>
Method	<i>GET</i>
Authorization required	Yes
Permissions required	Admin

Success Response

Code: *200 OK*

Content examples

Field	Description
name	The user-specified name of the PDU.
selector	The selector ID for the PDU. This can be used in other API calls to interact with a specific PDU.
version	The current version of the PDU firmware
updateErr	The error code associated with the most recent update.
updateProg	The update progress. This is a percentage value ranging from 0 to 100.
updateFlg	A flag indicating an update is being performed and the PDU is participating.
lastUpdate	The most recent date an update status was received from the PDU.
state	The state of the upgrade process for the PDU. This can be: <u>* Inactive</u> - No upgrade is taking place for the PDU. <u>* Downloading</u> - The PDU is currently receiving the firmware file from the primary PDU. <u>* Checking</u> - The PDU has received the firmware file and is verifying it. <u>* Upgrading</u> - The PDU is performing the upgrade of the PDU.

```
[
  {
    "int": {
      "updateProg": "string",
      "state": "string",
      "name": "string",
      "version": "string",
      "lastUpdate": "int",
      "updateFlg": "int",
      "updateErr": "int",
      "selector": "int"
    }
  }
]
```

A Secure Array that includes a primary PDU with 8 secondary (children) PDUs would have the following output:

[
"1": { "updateProg": 3, "state": "Downloading", "name": "PDU Name", "version": "4.3.926", "lastUpdate": 1531522863, "updateFlg": 1, "updateErr": 196608, "selector": 6096 },
"2": { "updateProg": 3, "state": "Downloading", "name": "PDU Name", "version": "4.3.926", "lastUpdate": 1531522863, "updateFlg": 1, "updateErr": 196608, "selector": 6097 },
"3": { "updateProg": 3, "state": "Downloading", "name": "PDU Name", "version": "4.3.926", "lastUpdate": 1531522863, "updateFlg": 1, "updateErr": 196608, "selector": 6098 },
"4": { "updateProg": 3, "state": "Downloading", "name": "PDU Name", "version": "4.3.926", "lastUpdate": 1531522863, "updateFlg": 1, "updateErr": 196608, "selector": 6099 },
"5": { "updateProg": 3, "state": "Downloading", "name": "PDU Name", "version": "4.3.926", "lastUpdate": 1531522863, "updateFlg": 1, "updateErr": 196608, "selector": 6100 },

<pre>"6": { "updateProg": 3, "state": "Downloading", "name": "PDU Name", "version": "4.3.926", "lastUpdate": 1531522863, "updateFlg": 1, "updateErr": 196608, "selector": 6101 },</pre>
<pre>"7": { "updateProg": 3, "state": "Downloading", "name": "PDU Name", "version": "4.3.926", "lastUpdate": 1531522863, "updateFlg": 1, "updateErr": 196608, "selector": 6102 },</pre>
<pre>"8": { "updateProg": 3, "state": "Downloading", "name": "PDU Name", "version": "4.3.926", "lastUpdate": 1531522863, "updateFlg": 1, "updateErr": 196608, "selector": 6103 }</pre>
1

/bulk/saupgrade URL: POST

Initiate a Secure Array Upgrade for the secondary PDUs.

URL	<i>/bulk/saupgrade/</i>
Method	<i>POST</i>
Authorization required	YES
Permissions required	Admin

Success Response

Code: *200 OK*

Content examples

A successful Secure Array update start returns the following:

```
{
  "resultCode": "0",
  "message": "OK"
}
```

/bulk/users URL: GET

The GET action retrieves a list of the users available in the system.

URL	<i>/bulk/users/</i>
Method	<i>GET</i>
Authorization required	YES
Permissions required	Admin

Success Response

Code: *200 OK*

Content examples

The system returns an array of user objects.

Field	Description
username	The human readable name of the user
loginid	The user's login ID.
group	The group name of which the user is a member.
cardid	The card ID associated with the user.

```
[
  {
    "username": "string",
    "loginid": "string",
    "group": "string",
    "cardid": "string"
  }
]
```

(continues)

A PDU with 4 users has the following output:

```
[
  {
    "username": "edward",
    "loginid": "edward",
    "group": "Admin",
    "cardid": "12345678"
  },
  {
    "username": "bob",
    "loginid": "bob",
    "group": "Cabinet",
    "cardid": "12345678"
  },
  {
    "username": "elizabeth",
    "loginid": "elizabeth",
    "group": "Viewer",
    "cardid": ""
  },
  {
    "username": "fran",
    "loginid": "fran",
    "group": "User",
    "cardid": ""
  }
]
```

/bulk/users URL: POST

Create and modify users in the PDU user store.

URL	/bulk/users/
Method	POST
Authorization required	YES
Permissions required	Admin

Field	Description
action	Can be one of 3 values: create, update or delete
username	The new loginid for the user.
cardid	The card ID associated with the user.
group	The group name of which the user is a member.
loginid	The user's login ID. This is used for referencing the user during update and delete actions
password	The user's password.

```
[
  {
    "action": "string",
    "loginid": "string",
    "group": "string",
    "cardid": "string",
    "password": "string"
  }
]
```

To create a user:

```
[
  {
    "action": "create",
    "loginid": "test",
    "group": "Admin",
    "cardid": "123456789ABCD",
    "password": "testpassword"
  }
]
```


To update a user, specify using the user's "loginid":

```
[
  {
    "action": "update",
    "loginid": "test",
    "group": "Cabinet",
    "cardid": "abcdef123456789",
    "password": "changedpassword",
    "username": "newusername"
  }
]
```

To delete a user, specify by "loginid":

```
[
  {
    "loginid": "test",
    "action": "delete"
  }
]
```

Success Response

Code: 200 OK

Content examples

A successful user interaction returns the following:

When editing a user:

```
{
  "resultCode": "0",
  "message": "Successfully edited user 'loginid'"
}
```

When deleting a user:

```
{
  "resultCode": "0",
  "message": "User 'loginid' Successfully deleted!"
}
```

/bulk/fwupgrade URL: POST

The POST action is a HTTP multipart form that applies a firmware upgrade to the primary PDU. The firmware upgrade file is specified as “upgrade”.

```
curl -X POST -H "SessionID: 1234567890" -F "upgrade=@cpipack3-20180713-svn65535.bin"
http://127.0.0.1/bulk/fwupgrade
```

cpipack3-20180713-svn65535.bin is the binary file from the upgrade Zip.

The PDUSelector field is not valid for this endpoint. All HTTPS calls for this endpoint are handled by the primary PDU. The action does not complete until the upgrade process has been completed.

URL	<i>/bulk/fwupgrade/</i>
Method	<i>POST</i>
Authorization required	YES
Permissions required	Admin

Success Response

Code: *200 OK*

Content examples

The system returns a result object.

Field	Description
resultCode	The result of the operation. A 0 indicates success all other values should be considered a failure.
message	A human readable explanation of the failure.

```
[
  {
    "resultCode": "int",
    "message": "string"
  }
]
```

A successful firmware update file application returns the following:

```
{
  "resultCode": "0",
  "message": "OK"
}
```

/bulk/config URL: GET

Retrieve the PDU's configuration.

URL	<i>/bulk/config/</i>
Method	<i>GET</i>
Authorization required	YES
Permissions required	User, Cabinet or Admin (depending on item, see Appendix A)

Success Response

Code: *200 OK*

Content examples

The system returns a large configuration object. For further reference of all configuration items contained within the reply, see Appendix A.

```
[
  {
    "pduname": "PDU Name",
    "pdudescription": "PDU Description",
    .
    .
    .
    "pducabinet": "Cabinet",
  }
]
```

/bulk/config URL: POST

Set the value for specific configuration items.

URL	/bulk/config/
Method	POST
Authorization required	YES
Permissions required	User, Cabinet or Admin (depending on item, see Appendix A)

Post Data

The following data may be sent with a POST request to the “config” endpoint. The POST request may include any number of unique configuration items with a new configuration value specified. For further reference of all possible configuration items, see Appendix A.

```
{
  "pduname": "New PDU Name",
  "pdudescription": "New PDU Description",
  .
  .
  .
  "pducabinet": "New Cabinet"
}
```

Success Response

Code: 200 OK

Content examples

The system returns an array of configuration-item objects with a status code for each configuration-item's request.

Field	Description
configItem	The configItem is the specific configuration item being updated
configValue	The configValue is the configItem's associated value
resultCode	The result code of the action.
message	The message associated with the resultCode

```
[
  {
    configItem: configValue,
    "resultCode": "int",
    "message": "string"
  }
]
```

Example:

```
[
  {
    "pduname": "New PDU Name",
    "resultCode": 0,
    "message": "OK"
  },
  {
    "pdudescription": "New PDU Description",
    "resultCode": 0,
    "message": "OK"
  },
  {
    "pducabinet": "New Cabinet",
    "resultCode": 0,
    "message": "OK"
  }
]
```

/bulk/line URL: GET

Retrieve the Line data associated with the PDU.

URL	<i>/bulk/line/</i>
Method	<i>GET</i>
Authorization required	YES
Permissions required	Viewer

Success Response

Code: *200 OK*

Content examples

The system returns an array of line objects.

Field	Description
id	The ID associated with the line. It's typically a value from 1 to 3
amp	The amperage on the line. This value is in amps

```
[
  {
    "id": "int",
    "amp": "int"
  }
]
```

A PDU with 3 input lines would have the following output:

```
[
  {
    "id": "1",
    "current": "6.70"
  },
  {
    "id": "2",
    "current": "7.60"
  },
  {
    "id": "3",
    "current": "5.70"
  }
]
```

/bulk/branch URL: GET

Retrieve the Branch/Circuit data associated with the PDU.

URL	/bulk/branch/
Method	GET
Authorization required	YES
Permissions required	Viewer

Success Response

Code: 200 OK

Content examples

The system returns an array of branch objects.

Fields in *Italics*, are only available on 'K' Model Numbers (MCM4 Module)

Field	Description
id	The ID associated with the branch. This is a value from 1 to the number of breakers in the systems. In the event there are no breakers, this is the number of input lines
amp	The amperage on the branch. This value is in Amps
maxamp	The max amperage, or breaker rating, for the branch. This value is in Amps
voltage	The voltage on the branch. This value is in Volts
power	The power or Volt-Amps on the branch. This value is in Volt-Amps
powerfactor	The power factor for the branch. The value is in decimal form
status	The alarm status for the branch. This may be "noalarm", "warning" or "alarm"
energy	The accumulated energy for the branch. This is in kVA-hours
<i>powerkW</i>	<i>The power or Volt-Amps on the branch. This value is in Watts</i>
<i>energykWh</i>	<i>The accumulated energy for the branch. This is in kW-hours</i>

```
[
  {
    "id": "int",
    "amp": "int",
    "maxamp": "int",
    "voltage": "int",
    "power": "int",
    "powerfactor": "int",
    "status": "string",
    "powerkW": "int",
    "energykWh": "int",
    "energy": "int"
  }
]
```

```
] ]
```

A PDU with 2 branches would have the following output:

```
[
  {
    "id": "1",
    "amp": "2.50",
    "maxamp": "20.00",
    "voltage": "208.3",
    "power": "5.20",
    "powerfactor": "0.97",
    "status": "noalarm",
    "powerkW": "5.04",
    "energykWh": "1818.28",
    "energy": "1874.52"
  },
  {
    "id": "1",
    "amp": "10.75",
    "maxamp": "20.00",
    "voltage": "207.6",
    "power": "2.23",
    "powerfactor": "0.98",
    "status": "warning",
    "powerkW": "2.18",
    "energykWh": "7,792.98",
    "energy": "8034.12"
  },
]
```


/bulk/outlet URL: GET

Retrieve the outlet data associated with the PDU.

URL	/bulk/outlet/
Method	GET
Authorization required	YES
Permissions required	Viewer

Success Response

Code: 200 OK

Content examples

The system returns an array of outlet objects.

Fields in *Italics*, are only available on 'K' Model Numbers (MCM4 Module)

Field	Description
id	The ID associated with the outlet
branch	The branch ID the on which outlet is connected
name	The name of the outlet
amp	The amperage on the outlet. This value is in Amps
voltage	The voltage on the outlet. This value is in Volts
power	The power or Volt-Amps on the outlet. This value is in VA
<i>powerfactor</i>	<i>The power factor for the branch. The value is in decimal form</i>
status	The alarm status for the outlet. This may be "noalarm", "warning" or "alarm"
energy	The accumulated energy for the branch. This is in kVA-hours
state	The state of the outlet. This may be "on" or "off"
<i>powerkW</i>	<i>The power or Volt-Amps on the outlet. This value is in Watts</i>
<i>energykWh</i>	<i>The accumulated energy for the outlet. This is in kW-hours</i>

```
[
  {
    "id": "int",
    "branch": "int",
    "name": "string",
    "amp": "int",
    "voltage": "int",
    "power": "int",
    "powerfactor": "int",
    "status": "string",
    "powerkW": "int",
    "energykWh": "int",
    "energy": "int",
    "state": "string"
  }
]
```

```
}  
]
```

A PDU with 3 outlets would have the following output:

```
[  
  {  
    "id": "1",  
    "branch": "1",  
    "name": "outlet1",  
    "amp": "7.50",  
    "voltage": "208.7",  
    "power": "15.65",  
    "powerfactor": "0.97",  
    "status": "noalarm",  
    "energy": "5634.72",  
    "powerkW": "15.18",  
    "energykWh": "5465.67",  
    "state": "on"  
  },  
  {  
    "id": "2",  
    "branch": "2",  
    "name": "outlet2",  
    "amp": "7.50",  
    "voltage": "208.7",  
    "power": "15.65",  
    "powerfactor": "0.97",  
    "status": "noalarm",  
    "energy": "5634.70",  
    "powerkW": "15.18",  
    "energykWh": "5465.67",  
    "state": "on"  
  },  
  {  
    "id": "3",  
    "branch": "3",  
    "name": "outlet3",  
    "amp": "7.50",  
    "voltage": "208.7",  
    "power": "15.65",  
    "powerfactor": "0.97",  
    "status": "noalarm",  
    "energy": "5634.72",  
    "powerkW": "15.18",  
    "energykWh": "5465.67",  
    "state": "off"  
  }  
]
```

/bulk/outlet URL: POST

Control the state of the outlets.

URL	<i>/bulk/outlet/</i>
Method	<i>POST</i>
Authorization required	YES
Permissions required	User

Post Data

The following data may be sent with a POST request to the Outlet endpoint. The POST request may include an array of outlets to control or update, but each outlet object can only have 1 edit, either 'name' or 'state', per outlet object in the POST.

Field	Description
id	The ID associated with the outlet.
name	Optional The value to which update the outlet name. This must be less than 64 characters long.
state	Optional The control state to which set the outlet. This may be "on", "off" or "reset".

```
[
  {
    "id": "int",
    "name": "string",
    "state": "string"
  }
]
```

Examples:

```
[
  {
    "id": "1",
    "state": "off"
  },
  {
    "id": "2",
    "name": "NC-06-8-2"
  },
  {
    "id": "2",
    "state": "reset"
  },
  {
    "id": "3",
    "reset": "yes"
  }
]
```

Success Response

Code: 200 OK

Content examples

The system returns an array of outlet objects with a status code for each outlet's request.

Field	Description
id	The ID associated with the outlet
name	Conditional The specified new name for the associated id's outlet, if provided
state	Conditional The specified new control state for the associated id's outlet, if provided
resultCode	The result code of the action. Usually 200, 400 or 405
message	The message associated with the resultCode

```
[
  {
    "id": "int",
    "name": "string",
    "state": "string",
    "resultCode": "int",
    "message": "string"
  }
]
```

Example:

```
[
  {
    "id": "1",
    "state": "off",
    "resultCode": 200,
    "message": "OK"
  },
  {
    "id": "2",
    "name": "NC-06-8-2",
    "resultCode": 200,
    "message": "OK"
  },
  {
    "id": "2",
    "state": "reset",
    "resultCode": 200,
    "message": "OK"
  },
  {
    "id": "3",
    "reset": "yes",
    "resultCode": 200,
    "message": "OK"
  }
]
```

/bulk/environ URL: GET

Retrieve the environmental data associated with the PDU.

URL	<i>/bulk/environ/</i>
Method	<i>GET</i>
Authorization required	YES
Permissions required	Viewer

Success Response

Code: *200 OK*

Content examples

The system returns an array of sensor measurement objects.

Field	Description
id	The ID associated with the sensor
name	The name of the sensor doing the environmental measurement
type	The type of measurement reported, either “temp” or “humidity”
value	The associated value of the measurement in the specified unit
unit	The unit of the measurement value

```
[
  {
    "id": "int",
    "name": "string",
    "type": "string",
    "value": "int",
    "unit": "string"
  }
]
```

(continues)

A PDU with 2 USB sensors has the following output:

```
[
  {
    "id": "1",
    "name": "Sensor1",
    "type": "temp",
    "value": "65.30",
    "unit": "F"
  },
  {
    "id": "2",
    "name": "Sensor1",
    "type": "humidity",
    "value": "51.40",
    "unit": "%"
  },
  {
    "id": "3",
    "name": "Sensor2",
    "type": "temp",
    "value": "65.53",
    "unit": "F"
  },
  {
    "id": "4",
    "name": "Sensor2",
    "type": "humidity",
    "value": "51.60",
    "unit": "%"
  }
]
```

/bulk/eac URL: GET

Retrieve the Electronic Access Control data (RFID Electronic Lock data) associated with the PDU.

URL	<i>/bulk/eac/</i>
Method	<i>GET</i>
Authorization required	YES
Permissions required	Cabinet

Success Response

Code: *200 OK*

Content examples

The system returns an array of lock objects.

Field	Description
id	The ID associated with the lock, either “front” or “rear”
status	Indicates if the Electronic Access System is “ready”, “inactive” or in an “error” state. If the status is “inactive”, then the lock is not enabled on the PDU. If the status is “error”, then the error field shows an error code to help diagnose the issue. If the status is “ready”, then the lock at the door is enabled and ready.
doorstatus	Indicates if the door is “open” or “closed”.
lockstatus	Indicates if the lock is “locked” or “unlocked”.
forcestatus	Indicates if the lock was forced open by a command from the WebUI, Bulk API, CLI or SNMP interface. This will be “forced” or “normal”.
tamperstatus	Indicates if the cabinet is currently unlocked/opened without an authorization scan. This will be “normal” or “tamper”
error	Gets the error code for the corresponding lock. The possible error codes are: 196608 (0x00030000) - No error, the lock is working and ready. 167968771 (0x0a030003) - The lock is not enabled. 167837698 (0x0a010002) - The lock is not responding. Ensure proper connections and attempt to restart the lock
version	The version of the Electronic Access Control system software
serialnumber	The serial number of the lock

(continues)

```
[
  {
    "id": " string ",
    "status": "string",
    "doorstatus": "string",
    "lockstatus": "string",
    "forcestatus": "string",
    "tamperstatus": "string",
    "error": "int",
    "version": "string",
    "serialnumber": "string"
  }
]
```

A PDU with 2 electronic locks would have the following output:

```
[
  {
    "id": " front ",
    "status": "ready",
    "doorstatus": "closed",
    "lockstatus": "locked",
    "forcestatus": "normal",
    "tamperstatus": "normal",
    "error": "196608",
    "version": "1.0",
    "serialnumber": "123456"
  },
  {
    "id": " rear ",
    "status": "ready",
    "doorstatus": "open",
    "lockstatus": "unlocked",
    "forcestatus": "forced",
    "tamperstatus": "tamper",
    "error": "196608",
    "version": "1.0",
    "serialnumber": "123457"
  }
]
```


/bulk/eac URL: POST

Control the state of the Electronic Access System

URL	<i>/bulk/eac/</i>
Method	<i>POST</i>
Authorization required	YES
Permissions required	Cabinet

Post Data

The following data may be sent with a POST request to the EAC endpoint. The POST request may include an array of locks to control.

Field	Description
id	The ID associated with the lock, either “front” or “rear”
action	The action to take against the lock. Currently, only “unlock” is supported, and only 1 lock can be specified per POST.

```
[
  {
    "id": "string",
    "action": "string"
  }
]
```

Example:

```
[
  {
    "id": "front",
    "action": "unlock"
  }
]
```

Success Response

Code: *200 OK*

Content examples

The system returns an array of lock objects operated on

Field	Description
id	The ID associated with the lock object, either “front” or “rear”
action	The action specified during the POST
resultCode	The result code of the action. Usually 200, 400 or 405
message	The message associated with the resultCode

```
[
  {
    "id": "string",
    "action": "string",
    "resultCode": "int",
    "message": "string"
  }
]
```

A successful unlock request returns the following:

```
[
  {
    "id": "front",
    "action": "unlock",
    "resultCode": "200",
    "message": "OK"
  }
]
```

FETCH API

The Fetch API allows users access to read-only metrics data without requiring a login to establish a SessionID for data access. There is an optional authorization requirement via the use of the X_AUTH_TOKEN header variable. If this value is not set on the PDU, then requests against the fetch URL's will not require an X_AUTH_TOKEN to be present in the request header. If the PDU does have this value configured, then requests need to have a matching X_AUTH_TOKEN supplied in the header for data access.

The Fetch API allows for specifying optional arguments in its supported URL's. The following URL variations are supported in the Fetch API:

- `http://PDU_IP_ADDRESS/object`
- `http://PDU_IP_ADDRESS/object?selectorid=mcmid`
- `http://PDU_IP_ADDRESS/object/occurrence`
- `http://PDU_IP_ADDRESS/object/occurrence?selectorid=mcmid`

PDU_IP_ADDRESS	PDU's IP address
object	Specific data type that is requested. Options are: <ul style="list-style-type: none">• branch• line• outlet• sensor• door• securearray
occurrence	An integer number specifying which object occurrence is desired. If no occurrence is specified, or if the value "0" is specified, all potential object occurrences are returned in the request.
selectorid	An integer value specifying the mcmlD of a Secondary on the SecureArray to retrieve data from. For a list of valid selectorid values, perform a GET against the "/fetch/securearray" URL. If no "selectorid" is specified, the value of "0" is specified, or if the Primary's mcmlD is specified, the PDU will return information about the Primary. If interacting with a standalone PDU, just leave this value blank for simplification.

/fetch/branch URL: GET

Retrieve the Branch/Circuit data associated with the PDU.

URL	<i>/fetch/branch/</i>
Method	<i>GET</i>
Authorization required	Optional X_AUTH_TOKEN
Supported URL Variations*	<i>/fetch/branch</i> <i>/fetch/branch/ID</i> <i>/fetch/branch?selectorid=selector</i> <i>/fetch/branch/ID?selectorid=selector</i>

*For different URL variations, the “*ID*” value corresponds to a Branch ID (i.e. 1, 2, 3, etc.). The “*selector*” value corresponds to the MAC address based PDU selector value. You can obtain this value for secondaries by running a GET against the */fetch/securearray* URL.

Success Response

Code: 200 OK

Content examples

The system returns either a JSON list of branch objects, or a single branch object. The branch object is a JSON array. The following table describes each key/value pair in the Branch object.

Fields in *Italics*, are only available on ‘K’ Model Numbers (MCM4 Module)

Field	Description
id	The ID associated with the branch. This is a value from 1 to the number of breakers in the systems. In the event there are no breakers, this is the number of input lines
amp	The amperage on the branch. This value is in Amps
maxamp	The max amperage, or breaker rating, for the branch. This value is in Amps
voltage	The voltage on the branch. This value is in Volts
power	The power or Volt-Amps on the branch. This value is in Volt-Amps
powerfactor	The power factor for the branch. The value is in decimal form
status	The alarm status for the branch. This may be “noalarm”, “warning” or “alarm”

energy	The accumulated energy for the branch. This is in kVA-hours
powerkW	<i>The power or Volt-Amps on the branch. This value is in Watts</i>
energykWh	<i>The accumulated energy for the branch. This is in kW-hours</i>

The following outlines the JSON datatypes for the different key values in the Branch object:

```
{
  "id": "number",
  "amp": "number",
  "maxamp": "number",
  "voltage": "number",
  "power": "number",
  "powerfactor": "number",
  "status": "string",
  "powerkW": "number",
  "energykWh": "number",
  "energy": "number"
}
```

The following shows the data returned from a GET against the /fetch/branch/ URL with a branch ID of “1” specified, returning a single Branch object:

```
{
  "id": "1",
  "amp": "2.50",
  "maxamp": "20.00",
  "voltage": "208.3",
  "power": "5.20",
  "powerfactor": "0.97",
  "status": "noalarm",
  "powerkW": "5.04",
  "energykWh": "1818.28",
  "energy": "1874.52"
}
```

The following shows the data returned from a GET against the /fetch/branch URL with either no branch ID specified or a branch ID of 0 specified. In this example, the PDU has 2 branches, so it returns a list of 2 Branch objects:

```
[
  {
    "id": "1",
    "amp": "2.50",
    "maxamp": "20.00",
    "voltage": "208.3",
    "power": "5.20",
    "powerfactor": "0.97",
    "status": "noalarm",
    "powerkW": "5.04",
    "energykWh": "1818.28",
    "energy": "1874.52"
  }
]
```

```
},  
{  
  "id": "1",  
  "amp": "10.75",  
  "maxamp": "20.00",  
  "voltage": "207.6",  
  "power": "2.23",  
  "powerfactor": "0.98",  
  "status": "warning",  
  "powerkW": "2.18",  
  "energykWh": "7,792.98",  
  "energy": "8034.12"  
},  
]
```

/fetch/line URL: GET

Retrieve the Line data associated with the PDU.

URL	<i>/fetch/line/</i>
Method	<i>GET</i>
Authorization required	Optional X_AUTH_TOKEN
Supported URL Variations*	<i>/fetch/line</i> <i>/fetch/line/ID</i> <i>/fetch/line?selectorid=selector</i> <i>/fetch/line/ID?selectorid=selector</i>

*For different URL variations, the “*ID*” value corresponds to a Line ID (i.e. 1, 2, 3, etc.). The “*selector*” value corresponds to the MAC address based PDU selector value. You can obtain this value for secondaries by running a GET against the */fetch/securearray* URL.

Success Response

Code: *200 OK*

Content examples

The system returns either a JSON list of line objects, or a single line object. The line object is a JSON array. The following table describes each key/value pair in the Line object.

Field	Description
id	The ID associated with the line. It's typically a value from 1 to 3
amp	The amperage on the line. This value is in amps

The following outlines the JSON datatypes for the different key values in the Line object:

```
{  
  "id": "number",  
  "amp": "number"  
}
```

The following shows the data returned from a GET against the */fetch/line/* URL with a line ID of 1 specified, returning a single Line object:

```
{
  "id": "1",
  "amp": "6.70"
}
```

The following shows the data returned from a GET against the /fetch/line URL with either no line ID specified or a line ID of 0 specified. In this example, the PDU has 3 lines, so it returns a list of 3 Line objects:

```
[
  {
    "id": "1",
    "current": "6.70"
  },
  {
    "id": "2",
    "current": "7.60"
  },
  {
    "id": "3",
    "current": "5.70"
  }
]
```


/fetch/outlet URL: GET

Retrieve the Outlet data associated with the PDU.

URL	/fetch/outlet/
Method	GET
Authorization required	Optional X_AUTH_TOKEN
Supported URL Variations*	/fetch/outlet /fetch/outlet/ <i>ID</i> /fetch/outlet?selectorid= <i>selector</i> /fetch/outlet/ <i>ID</i> ?selectorid= <i>selector</i>

*For different URL variations, the “*ID*” value corresponds to an Outlet ID (i.e. 1, 2, 3, etc.). The “*selector*” value corresponds to the MAC address based PDU selector value. You can obtain this value for secondaries by running a GET against the /fetch/securearray URL.

Success Response

Code: 200 OK

Content examples

The system returns either a JSON list of outlet objects, or a single outlet object. The outlet object is a JSON array. The following table describes each key/value pair in the Outlet object.

Fields in *Italics*, are only available on ‘K’ Model Numbers (MCM4 Module)

Field	Description
id	The ID associated with the outlet
branch	The branch ID the on which outlet is connected
name	The name of the outlet
amp	The amperage on the outlet. This value is in Amps
voltage	The voltage on the outlet. This value is in Volts
power	The power or Volt-Amps on the outlet. This value is in VA
<i>powerfactor</i>	<i>The power factor for the outlet. The value is in decimal form</i>
status	The alarm status for the outlet. This may be “noalarm”, “warning” or “alarm”
energy	The accumulated energy for the branch. This is in kVA-hours
state	The state of the outlet. This may be “on” or “off”
<i>powerkW</i>	<i>The power or Volt-Amps on the outlet. This value is in Watts</i>

energykWh	<i>The accumulated energy for the outlet. This is in kW-hours</i>
------------------	---

The following outlines the JSON datatypes for the different key values in the Outlet object:

```
{
  "id": "number",
  "branch": "number",
  "name": "string",
  "amp": "number",
  "voltage": "number",
  "power": "number",
  "powerfactor": "number",
  "status": "string",
  "powerkW": "number",
  "energykWh": "number",
  "energy": "number",
  "state": "string"
}
```

The following shows the data returned from a GET against the /fetch/outlet/ URL with an outlet ID of 1 specified, returning a single Outlet object:

```
{
  "power": "0.20",
  "id": "1",
  "powerfactor": "0.95",
  "amp": "0.99",
  "state": "On",
  "voltage": "208.00",
  "name": "Outlet 1",
  "powerkW": "0.19",
  "status": "noalarm",
  "energykWh": "153.86",
  "energy": "161.89",
  "branch": "1"
}
```

The following shows the data returned from a GET against the /fetch/outlet URL with either no outlet ID specified or an outlet ID of 0 specified. In this example, the PDU has 8 outlets, so it returns a list of 8 outlet objects:

```
[
  {
    "power": "0.20",
    "id": "1",
    "powerfactor": "0.95",
    "amp": "0.99",
    "state": "On",
```

```

    "voltage": "207.90",
    "name": "Outlet 1",
    "powerkW": "0.19",
    "status": "noalarm",
    "energykWh": "153.87",
    "energy": "161.90",
    "branch": "1"
  },
  {
    "power": "0.20",
    "id": "2",
    "powerfactor": "0.95",
    "amp": "0.99",
    "state": "On",
    "voltage": "207.90",
    "name": "Outlet 2",
    "powerkW": "0.19",
    "status": "noalarm",
    "energykWh": "153.78",
    "energy": "161.84",
    "branch": "2"
  },
  {
    "power": "0.22",
    "id": "3",
    "powerfactor": "0.95",
    "amp": "1.05",
    "state": "On",
    "voltage": "208.00",
    "name": "Outlet 3",
    "powerkW": "0.21",
    "status": "noalarm",
    "energykWh": "144.80",
    "energy": "152.36",
    "branch": "3"
  },
  {
    "power": "0.22",
    "id": "4",
    "powerfactor": "0.95",
    "amp": "1.05",
    "state": "On",
    "voltage": "208.00",
    "name": "Outlet 4",
    "powerkW": "0.21",
    "status": "noalarm",
    "energykWh": "111.98",
    "energy": "117.86",
    "branch": "1"
  },
  {
    "power": "0.20",
    "id": "5",
    "powerfactor": "0.95",
    "amp": "0.99",
    "state": "On",

```

```

    "voltage": "207.90",
    "name": "Outlet 5",
    "powerkW": "0.19",
    "status": "noalarm",
    "energykWh": "153.85",
    "energy": "161.87",
    "branch": "2"
  },
  {
    "power": "0.20",
    "id": "6",
    "powerfactor": "0.95",
    "amp": "0.99",
    "state": "On",
    "voltage": "208.00",
    "name": "Outlet 6",
    "powerkW": "0.19",
    "status": "noalarm",
    "energykWh": "153.78",
    "energy": "161.85",
    "branch": "3"
  },
  {
    "power": "0.22",
    "id": "7",
    "powerfactor": "0.95",
    "amp": "1.05",
    "state": "On",
    "voltage": "208.00",
    "name": "Outlet 7",
    "powerkW": "0.21",
    "status": "noalarm",
    "energykWh": "144.78",
    "energy": "152.35",
    "branch": "1"
  },
  {
    "power": "0.22",
    "id": "8",
    "powerfactor": "0.95",
    "amp": "1.05",
    "state": "On",
    "voltage": "208.00",
    "name": "Outlet 8",
    "powerkW": "0.21",
    "status": "noalarm",
    "energykWh": "111.96",
    "energy": "117.86",
    "branch": "2"
  }
]

```

/fetch/sensor URL: GET

Retrieve the Sensor data associated with the PDU.

URL	<i>/fetch/sensor/</i>
Method	<i>GET</i>
Authorization required	Optional X_AUTH_TOKEN
Supported URL Variations*	<i>/fetch/sensor</i> <i>/fetch/sensor/ID</i> <i>/fetch/sensor?selectorid=selector</i> <i>/fetch/sensor/ID?selectorid=selector</i>

*For different URL variations, the “ID” value corresponds to a Sensor ID (i.e. 1, 2, 3, etc.). The “selector” value corresponds to the MAC address based PDU selector value. You can obtain this value for secondaries by running a GET against the /fetch/securearray URL.

Success Response

Code: 200 OK

Content examples

The system returns either a JSON list of sensor objects, or a single sensor object. The sensor object is a JSON array. The following table describes each key/value pair in the sensor object.

Field	Description
id	The ID associated with the sensor
name	The name of the sensor doing the environmental measurement
type	The type of measurement reported, either “temp” or “humidity”
value	The associated value of the measurement in the specified unit
unit	The unit of the measurement value

The following outlines the JSON datatypes for the different key values in the Sensor object:

```
{
  "id": "number",
  "name": "string",
  "type": "string",
  "value": "number",
  "unit": "string"
}
```

The following shows the data returned from a GET against the /fetch/sensor/ URL with a sensor ID of 1 specified, returning a single Sensor object:

```
{
  "id": "1",
  "name": "Sensor1",
  "type": "temp",
  "value": "65.30",
  "unit": "F"
}
```

The following shows the data returned from a GET against the /fetch/sensor URL with either no sensor ID specified or a sensor ID of 0 specified. In this example, the PDU has 4 sensor, 2 temperature and 2 humidity, so it returns a list of 4 sensor objects:

```
[
  {
    "id": "1",
    "name": "Sensor1",
    "type": "temp",
    "value": "65.30",
    "unit": "F"
  },
  {
    "id": "2",
    "name": "Sensor1",
    "type": "humidity",
    "value": "51.40",
    "unit": "%"
  },
  {
    "id": "3",
    "name": "Sensor2",
    "type": "temp",
    "value": "65.53",
    "unit": "F"
  },
  {
    "id": "4",
    "name": "Sensor2",
    "type": "humidity",
    "value": "51.60",
    "unit": "%"
  }
]
```

/fetch/door URL: GET

Retrieve the Lock and Door data associated with the PDU.

URL	<i>/fetch/door/</i>
Method	<i>GET</i>
Authorization required	Optional X_AUTH_TOKEN
Supported URL Variations*	<i>/fetch/door</i> <i>/fetch/door/ID</i> <i>/fetch/door?selectorid=selector</i> <i>/fetch/door/ID?selectorid=selector</i>

*For different URL variations, the “ID” value corresponds to a door ID (i.e. 1 or 2 for front or rear respectively). The “selector” value corresponds to the MAC address based PDU selector value. You can obtain this value for secondaries by running a GET against the /fetch/securearray URL.

Success Response

Code: 200 OK

Content examples

The system returns either a JSON list of door objects, or a single door object. The door object is a JSON array. The following table describes each key/value pair in the door object.

Field	Description
id	The ID associated with the lock, either “front” or “rear”
status	Indicates if the Electronic Access System is “ready”, “inactive” or in an “error” state. If the status is “inactive”, then the lock is not enabled on the PDU. If the status is “error”, then the error field shows an error code to help diagnose the issue. If the status is “ready”, then the lock at the door is enabled and ready.
doorstatus	Indicates if the door is “open” or “closed”.
lockstatus	Indicates if the lock is “locked” or “unlocked”.
forcestatus	Indicates if the lock was forced open by a command from the WebUI, Bulk API, CLI or SNMP interface. This will be “forced” or “normal”.
tamperstatus	Indicates if the cabinet is currently unlocked/opened without an authorization scan. This will be “normal” or “tamper”

error	Gets the error code for the corresponding lock. The possible error codes are: 196608 (0x00030000) - No error, the lock is working and ready. 167968771 (0x0a030003) - The lock is not enabled. 167837698 (0x0a010002) - The lock is not responding. Ensure proper connections and attempt to restart the lock
version	The version of the Electronic Access Control system software
serialnumber	The serial number of the lock

The following outlines the JSON datatypes for the different key values in the Door object:

```
{
  "id": "string ",
  "status": "string",
  "doorstatus": "string",
  "lockstatus": "string",
  "forcestatus": "string",
  "tamperstatus": "string",
  "error": "number",
  "version": "string",
  "serialnumber": "string"
}
```

The following shows the data returned from a GET against the /fetch/door/ URL with a door ID of 1 specified, returning a single Door object, the Front Door:

```
{
  "forcestatus": "Normal",
  "id": "front",
  "tamperstatus": "Normal",
  "serialnumber": "74437",
  "version": "1.2.3",
  "status": "ready",
  "error": "196608",
  "doorstatus": "Closed",
  "lockstatus": "Locked"
}
```

The following shows the data returned from a GET against the /fetch/door URL with either no door ID specified or a door ID of 0 specified. Since the PDU only has a front and rear door, there are only 2 door objects in the list:

```
[
  {
    "forcestatus": "Normal",
    "id": "front",
    "tamperstatus": "Normal",
    "serialnumber": "74437",
    "version": "1.2.3",
    "status": "ready",

```



```
    "error": "196608",
    "doorstatus": "Closed",
    "lockstatus": "Locked"
  },
  {
    "forcestatus": "Normal",
    "id": "rear",
    "tamperstatus": "Normal",
    "serialnumber": "74443",
    "version": "1.2.3",
    "status": "ready",
    "error": "196608",
    "doorstatus": "Closed",
    "lockstatus": "Locked"
  }
]
```

/fetch/securearray URL: GET

Retrieve SecureArray data related to the PDU

URL	<i>/fetch/securearray/</i>
Method	<i>GET</i>
Authorization required	Optional X_AUTH_TOKEN
Supported URL Variations*	<i>/fetch/securearray</i> <i>/fetch/securearray/ID</i> <i>/fetch/securearray?selectorid=selector</i> <i>/fetch/securearray/ID?selectorid=selector</i>

*For different URL variations, the “ID” value corresponds to a Secondary PDU ID (i.e. 1, 2, etc.). The “selector” value corresponds to the MAC address based PDU selector value. If you specify a “selector” value for any PDU attached to the SecureArray, the PDU will return information for all secondaries connected to the SecureArray, regardless of the “selector” value. If information for a specific PDU on the SecureArray is desired, then specify the desired PDU’s ID using the /fetch/securearray/ID URL.

Success Response

Code: 200 OK

Content examples

The system returns either a JSON object representing a Secondary, or it returns a JSON array array where the keys are a PDU Index and the value is the corresponding SecureArray object. The Secondary object is a JSON array. The following table describes each key/value pair in the Secondary object.

Field	Description
name	The user-specified name of the PDU.
selector	The selector ID for the PDU. This can be used in other API calls to interact with a specific PDU.
version	The current version of the PDU firmware
updateErr	The error code associated with the most recent update.
updateProg	The update progress. This is a percentage value ranging from 0 to 100.
updateFlg	A flag indicating an update is being performed and the PDU is participating.

lastUpdate	The most recent date an update status was received from the PDU.
state	The state of the upgrade process for the PDU. This can be: <u>* Inactive</u> - No upgrade is taking place for the PDU. <u>* Downloading</u> - The PDU is currently receiving the firmware file from the primary PDU. <u>* Checking</u> - The PDU has received the firmware file and is verifying it. <u>* Upgrading</u> - The PDU is performing the upgrade of the PDU.

The following outlines the JSON datatypes for the different key values in the Secondary object:

```
{
  "updateProg": "string",
  "state": "string",
  "name": "string",
  "version": "string",
  "lastUpdate": "number",
  "updateFlg": "number",
  "updateErr": "number",
  "selector": "number"
}
```

The following shows the data returned from a GET against the /fetch/securearray/ URL with a PDU ID of 1 specified, returning a single Secondary object, the Secondary with PDU ID of 1:

```
{
  "updateProg":0,
  "state":"Inactive",
  "name":"MCM3 167",
  "version":"4.13.1054",
  "lastUpdate":0,
  "updateFlg":0,
  "updateErr":0,
  "selector":12720
}
```

The following shows the data returned from a GET against the /fetch/securearray URL with either no PDU ID specified or a PDU ID of 0 specified. In this example, the PDU has a SecureArray with 2 Secondaries, so it returns an array with 2 entries. The key for

each entry is the corresponding PDU ID, and the value is the respective Secondary object:

```
{
  "1":{
    "updateProg":0,
    "state":"Inactive",
    "name":"MCM3 167",
    "version":"4.13.65535",
    "lastUpdate":0,
    "updateFlg":0,
    "updateErr":0,
    "selector":12720
  },
  "2":{
    "updateProg":0,
    "state":"Inactive",
    "name":"MCM3 166",
    "version":"4.13.65535",
    "lastUpdate":0,
    "updateFlg":0,
    "updateErr":0,
    "selector":33466
  }
}
```

APPENDIX A

Reference list of configuration items for the eConnect PDU:

Configuration Item	Group	Description
ipv4enabled	user	IPv4 interface enabled(1) or disabled(0)
dhcp4enabled	user	Set IPv4 address statically(0) or via DHCP(1)
ipv4autodns	user	Set DNS addresses statically(0) or via DHCP(1)
pduipv4	user	PDU's currently saved IPv4 address
ipv4subnet	user	PDU's currently saved IPv4 subnet mask
ipv4gateway	user	PDU's currently saved IPv4 default gateway
ipv4dns1	user	PDU's currently saved primary DNS lookup
ipv4dns2	user	PDU's currently saved secondary DNS lookup
ipv4dns3	user	PDU's currently saved backup DNS lookup
ipv6enabled	user	IPv6 interface enabled(1) or disabled(0)
ipv6linklocalenabled	user	IPv6 link local address enabled(1) or disabled(0)
ipv6globaladdrenabled	user	IPv6 global address functionality enabled(1) or disabled(0)
pduipv6	user	PDU's currently saved IPv6 address
dhcp6enabled	user	Set IPv6 address statically(0) or via DHCP(1)
ipv6autodns	user	Set IPv6 DNS addresses statically(0) or via DHCP(1)
ipv6subnet	user	PDU's currently saved IPv6 prefix length
ipv6gateway	user	PDU's currently saved IPv6 default gateway
ipv6dns1	user	PDU's currently saved IPv6 primary DNS lookup
ipv6dns2	user	PDU's currently saved IPv6 secondary DNS lookup
ipv6dns3	user	PDU's currently saved IPv6 backup DNS lookup
rfctimeserver	user	RFC time server address
ntptimeserver	user	NTP time server address
snmpenabled	user	SNMP service is enabled(1) or disabled(0)
snmphostonly	user	Limit SNMP access to certain hosts enabled(1) or disabled(0)
snmphostipv41	user	IPv4 host given access to SNMP service
snmphostipv42	user	IPv4 host given access to SNMP service
snmphostipv43	user	IPv4 host given access to SNMP service
snmphostipv61	user	IPv6 host given access to SNMP service
snmphostipv62	user	IPv6 host given access to SNMP service

Configuration Item	Group	Description
snmphostipv63	user	IPv6 host given access to SNMP service
snmpqueryport	user	Port used for SNMP queries
snmptrapport	user	Port used for SNMP traps
snmpreadcomm	user	Community string for reading SNMP values
snmpwritecomm	user	Community string for writing SNMP values
snmpusmusername	user	SNMP USM user name
snmpsecuritylevel	user	0-v1, 1-v2c, 2-v3NoAuth, 3-AuthNoPriv, 4-AuthPriv
snmpauthalgo	user	SNMPv3 authentication algorithm. 0-SHA, 1-MD5
snmpprivalgo	user	SNMPv3 privacy algorithm for SNMPv3. 0-DES, 1-AES
snmpauthpassword	user	SNMPv3 authentication password
snmpprivpassword	user	SNMPv3 privacy password
snmpcontextname	user	SNMPv3 context name
snmpengineid	user	Store the SNMPv3 engine ID.
snmplocalauthkey	user	Store the SNMPv3 local authentication key.
snmplocalprivkey	user	Store the SNMPv3 local privacy key.
snmptraphostipv41	user	IPv4 address that will receive snmp traps
snmptraphostipv42	user	IPv4 address that will receive snmp traps
snmptraphostipv43	user	IPv4 address that will receive snmp traps
snmptraphostipv61	user	IPv6 address that will receive snmp traps
snmptraphostipv62	user	IPv6 address that will receive snmp traps
snmptraphostipv63	user	IPv6 address that will receive snmp traps
enableweb	user	Store whether to enable the WebUI.
enablehttp	user	HTTP access is enabled(1) or disabled(0)
enablehttps	user	HTTPs access is enabled(1) or disabled(0)
httpport	user	HTTP Port used for access
httpsport	user	HTTPs Port used for access
sshenable	user	Store whether the SSH network service is enabled.
sshport	user	Store the port used for the SSH network service.
enablesntp	user	SMTP service is enabled(1) or disabled(0)
smtpsendport	user	SMTP network service send port
smtpreceiveport	user	SMTP network service receive port
smtpserver	user	Network address of the SMTP server
smtpusername	user	Username to authenticate against the SMTP server

Configuration Item	Group	Description
smtppassword	user	User's password to authenticate against the SMTP server
smtpemailaddr	user	Email address used to send emails
smtpemaildest1	user	Destination email address for alert emails
smtpemaildest2	user	Destination email address for alert emails
smtpemaildest3	user	Destination email address for alert emails
smtpservoptions	user	Store the SMTP server options.
enablesmtptstarttls	user	Start TLS enabled(1) or disabled(0)
enablesmtptls	user	TLS enabled(1) or disabled(0)
smtpauthmethod	user	The authentication method for the SMTP service
datalogenable	user	Store whether data logging is enabled
dataloginterval	user	Store the time interval in seconds for logging metrics. (disabled if < 10).
logdifference	user	Store the current difference in 1/100 amps that triggers logging.
netservdlog	user	Transfer of syslog files to a storage server is enabled(1) or disabled(0)
autonetlog	user	Store whether data logs are automatically sent every 6 hours to the central server.
stdmeterdlog	user	Store whether to log branch, receptacle, and environmental metrics.
groupmeterdlog	user	Store whether to log group receptacle metrics.
alarmdlog	user	Store whether to log alarms.
userdlog	user	Store whether to user logins to the data log.
usersetupdlog	user	Store whether to user setup to the data log.
firmwaredlog	user	Store whether to log firmware updates to the data log.
setupchgdlog	user	Store whether to log config changes of the data log to the data log.
recepchgdlog	user	Store whether to log outlet changes to the data log.
pduopchangedLog	user	Store whether to log configuration changes to the data log.
datalogcycle	user	Store the time interval in minutes for internal data logging to occur.
datalogfullwarn	user	Store the warning threshold for percentage of storage full.

Configuration Item	Group	Description
datalogserver	user	Network address of the storage server
datalogport	user	SSH port used for accessing storage server. (Default: 22)
dataloguser	user	User for accessing the storage server
datalogpassword	user	Password used when accessing the storage server
datalogdestdir	user	Storage server destination directory
datalogoptions	user	Connection options used when accessing the storage server via SSH
autosyslog	user	Auto-transfer of syslog files to storage server enabled(1) or disabled(0)
syslogidentity	user	Identity used in syslog entries
syslogfacility	user	Store the SYSLOG facility id.
syslogserveraddr	user	Network address of the syslog server
syslogserverport	user	Syslog server port
enableldap	admin	LDAP authentication is enabled(1) or disabled(0)
ldapserver	admin	Address of the LDAP server
ldapdomain	admin	Base Domain Name
ldapport	admin	LDAP port for accessing the server. (Default: 389)
ldapresvport	admin	Store the alternate or reserved port for LDAP.
enableradius	admin	Radius access control is enabled(1) or disabled(0)
radiusserver1	admin	Primary radius server address
radiusserver2	admin	Secondary radius server address
radiusserver3	admin	Backup radius server address
radiussecret	admin	Radius shared secret used for authentication
radiusport1	admin	Primary radius server port
radiusport2	admin	Secondary radius server port
radiusport3	admin	Backup radius server port
enableipv6radius	admin	Radius IPv6 is enabled(1) or disabled(0)
radiusnasserver	admin	DEPRECATED: Store the address of the radius NAS server
radiusnasport	admin	DEPRECATED: Store the port of the radius NAS server
enablecardradius	admin	Card-based radius access control is enabled(1) or disabled(0)

Configuration Item	Group	Description
cardradiusserver1	admin	Primary radius server for card-based access control
cardradiusserver2	admin	Secondary radius server for card-based access control
cardradiusserver3	admin	Backup radius server for card-based access control
cardradiussecret	admin	Radius server shared secret for card-based access control
cardradiusport1	admin	Primary radius card server port
cardradiusport2	admin	Secondary radius card server port
cardradiusport3	admin	Backup radius card server port
cardradiusip6	admin	Card-based access via IPv6 Radius enabled(1) or disabled(0)
inputtop	user	Store whether the input cord is at the top or bottom.
tempformat	user	Temperature display format. 0-Fahrenheit. 1-Celsius
sharerole	user	Alternate is a backup(0), or share's Primary role(1)
missingpdu	user	Send alert if PDU joins/leaves daisy chain
rolechange	user	Send alert for a change in PDU role on daisy chain
displaytimeout	user	Store the time interval in minutes for the display to timeout.
logintimeout	user	Store the time interval in minutes for a login session to timeout.
displaybrightness	user	Store the brightness level for the display.
sumamps	user	Displaying of branch current totals is enabled(1) or disabled(0)
pduname	user	Configured PDU name
pdudescription	user	Configured PDU description
pducabinet	user	Configured cabinet ID
dchainrole	user	0-Secondary 1-Primary 2-Alternate
dchainlinkcount	user	Alert sent when Secure Array member-count goes below
outofservice	user	0-In service. 1-Out of service
showrecep	user	Store whether to notify the user about a change in PDU role on the daisy chain.
auxmode	user	Auxiliary port usage: 0-EAS 1-QPO
alarminterval	user	Interval for recurring alarm SNMP traps

Configuration Item	Group	Description
elsenabled	user	Store whether the electronic lock system is enabled.
qpoenabled	user	Store whether the quick power off module is enabled.
qpocontroller	user	Store whether the quick power off module is enabled.
macaddress	user	Store the MAC address for the system.
noconoff	user	Store whether the quick power off turns outlets off when a connection can't be made.
elsfrontenabled	cabinet	Front lock: 0-Disabled 1-Enabled
elsrearenabled	cabinet	Rear lock: 0-Disabled 1-Enabled
elslockopentime	cabinet	Time in seconds to keep locks electronically unlocked
elsdooropenalarm	cabinet	Time in minutes a door is open before raising alarm
wavereadcomp	cabinet	RF Ideas EAC Smart Card Reader: 0-Incompatible, 1-compatible
syslogminvoltage	user	Log critical minimum branch voltage alarms
syslogwarnminvolt	user	Log warning minimum branch voltage alarms
syslogwarnmaxvolt	user	Log warning maximum branch voltage alarms
syslogmaxvolt	user	Log critical maximum branch voltage alarms
syslogmincurrent	user	Log critical minimum branch current alarms
syslogwarnmincurrent	user	Log warning minimum branch current alarms
syslogwarnmaxcurrent	user	Log warning maximum branch current alarms
syslogmaxcurrent	user	Log critical maximum branch current alarms
syslogminoutletcurrent	user	Log critical minimum outlet current alarms
syslogwarnminoutletcurrent	user	Log warning minimum outlet current alarms
syslogwarnmaxoutletcurrent	user	Log warning maximum outlet current alarms
syslogmaxoutletcurrent	user	Log critical maximum outlet current alarms
syslogmintemp	user	Log critical minimum temperature alarms
syslogwarnmintemp	user	Log warning minimum temperature alarms
syslogwarnmaxtemp	user	Log warning maximum temperature alarms
syslogmaxtemp	user	Log critical maximum temperature alarms
syslogminhumid	user	Log critical minimum humidity alarms
syslogwarnminhumid	user	Log warning minimum humidity alarms
syslogwarnmaxhumid	user	Log warning maximum humidity alarms
syslogmaxhumid	user	Log critical maximum humidity alarms
syslogscanpass	user	Log successful card scan attempts
syslogscanfail	user	Log failed card scan attempts
syslogdoorstate	user	Log door open/close events

Configuration Item	Group	Description
sysloglockstate	user	Log lock unlock/lock events
syslogextendedopen	user	Log when a door is open for an extended amount of time
syslogfwupdates	user	Log firmware update attempts
syslogconfigupdates	user	Log configuration changes
syslogrecepchange	user	Log outlet toggles
syslogsystem	user	Log system reboots
syslogaccess	user	Log system access attempts
syslogdchain	user	Log Secure Array state changes
trapminvoltage	user	Trap for critical minimum branch voltage alarms
trapwarnminvolt	user	Trap for warning minimum branch voltage alarms
trapwarnmaxvolt	user	Trap for warning maximum branch voltage alarms
trapmaxvolt	user	Trap for critical maximum branch voltage alarms
trapmincurrent	user	Trap for critical minimum branch current alarms
trapwarnmincurrent	user	Trap for warning minimum branch current alarms
trapwarnmaxcurrent	user	Trap for warning maximum branch current alarms
trapmaxcurrent	user	Trap for critical maximum branch current alarms
trapminoutletcurrent	user	Trap for critical minimum outlet current alarms
trapwarnminoutletcurrent	user	Trap for warning minimum outlet current alarms
trapwarnmaxoutletcurrent	user	Trap for warning maximum outlet current alarms
trapmaxoutletcurrent	user	Trap for critical maximum outlet current alarms
trapmintemp	user	Trap for critical minimum temperature alarms
trapwarnmintemp	user	Trap for warning minimum temperature alarms
trapwarnmaxtemp	user	Trap for warning maximum temperature alarms
trapmaxtemp	user	Trap for critical maximum temperature alarms

Configuration Item	Group	Description
trapminhumid	user	Trap for critical minimum humidity alarms
trapwarnminhumid	user	Trap for warning minimum humidity alarms
trapwarnmaxhumid	user	Trap for warning maximum humidity alarms
trapmaxhumid	user	Trap for critical maximum humidity alarms
trapscanpass	user	Trap for successful card scan attempts
trapscanfail	user	Trap for failed card scan attempts
trapdoorstate	user	Trap for door open/close events
traplockstate	user	Trap for lock unlock/lock events
trapextendedopen	user	Trap for door open for an extended amount of time
trapfwupdates	user	Trap for firmware update attempts
trapconfigupdates	user	Trap for configuration changes
traprecepchange	user	Trap for outlet toggles
trapssystem	user	Trap for system reboots
trapaccess	user	Trap for system access attempts
trapdchain	user	Trap for Secure Array state changes
emailminvoltage	user	Email for critical minimum branch voltage alarms
emailwarnminvolt	user	Email for warning minimum branch voltage alarms
emailwarnmaxvolt	user	Email for warning maximum branch voltage alarms
emailmaxvolt	user	Email for critical maximum branch voltage alarms
emailmincurrent	user	Email for critical minimum branch current alarms
emailwarnmincurrent	user	Email for warning minimum branch current alarms
emailwarnmaxcurrent	user	Email for warning maximum branch current alarms
emailmaxcurrent	user	Email for critical maximum branch current alarms
emailminoutletcurrent	user	Email for critical minimum outlet current alarms
emailwarnminoutletcurrent	user	Email for warning minimum outlet current alarms
emailwarnmaxoutletcurrent	user	Email for warning maximum outlet current alarms
emailmaxoutletcurrent	user	Email for critical maximum outlet current alarms

Configuration Item	Group	Description
emailmintemp	user	Email for critical minimum temperature alarms
emailwarnmintemp	user	Email for warning minimum temperature alarms
emailwarnmaxtemp	user	Email for warning maximum temperature alarms
emailmaxtemp	user	Email for critical maximum temperature alarms
emailminhumid	user	Email for critical minimum humidity alarms
emailwarnminhumid	user	Email for warning minimum humidity alarms
emailwarnmaxhumid	user	Email for warning maximum humidity alarms
emailmaxhumid	user	Email for critical maximum humidity alarms
emailscanpass	user	Email for successful card scan attempts
emailscanfail	user	Email for failed card scan attempts
emaildoorstate	user	Email for door open/close events
emaillockstate	user	Email for lock unlock/lock events
emailextendedopen	user	Email for a door open for extended amount of time
emailfwupdates	user	Email for firmware update attempts
emailconfigupdates	user	Email for configuration changes
emailrecepchange	user	Email for outlet toggles
emailsystem	user	Email for system reboots
emailaccess	user	Email for system access attempts
emaildchain	user	Email for Secure Array state changes
branchlowcurr1	user	Minimum current allowed before raising critical alarm for branch 1
branchlowcurr2	user	Minimum current allowed before raising critical alarm for branch 2
branchlowcurr3	user	Minimum current allowed before raising critical alarm for branch 3
branchlowcurr4	user	Minimum current allowed before raising critical alarm for branch 4
branchlowcurr5	user	Minimum current allowed before raising critical alarm for branch 5
branchlowcurr6	user	Minimum current allowed before raising critical alarm for branch 6
branchlowcurr7	user	Minimum current allowed before raising critical alarm for branch 7
branchlowcurr8	user	Minimum current allowed before raising critical alarm for branch 8
branchlowcurr9	user	Minimum current allowed before raising critical alarm for branch 9

Configuration Item	Group	Description
branchlowcurr10	user	Minimum current allowed before raising critical alarm for branch 10
branchlowcurr11	user	Minimum current allowed before raising critical alarm for branch 11
branchlowcurr12	user	Minimum current allowed before raising critical alarm for branch 12
branchwarnlowcurr1	user	Minimum current allowed before raising warning alarm for branch 1
branchwarnlowcurr2	user	Minimum current allowed before raising warning alarm for branch 2
branchwarnlowcurr3	user	Minimum current allowed before raising warning alarm for branch 3
branchwarnlowcurr4	user	Minimum current allowed before raising warning alarm for branch 4
branchwarnlowcurr5	user	Minimum current allowed before raising warning alarm for branch 5
branchwarnlowcurr6	user	Minimum current allowed before raising warning alarm for branch 6
branchwarnlowcurr7	user	Minimum current allowed before raising warning alarm for branch 7
branchwarnlowcurr8	user	Minimum current allowed before raising warning alarm for branch 8
branchwarnlowcurr9	user	Minimum current allowed before raising warning alarm for branch 9
branchwarnlowcurr10	user	Minimum current allowed before raising warning alarm for branch 10
branchwarnlowcurr11	user	Minimum current allowed before raising warning alarm for branch 11
branchwarnlowcurr12	user	Minimum current allowed before raising warning alarm for branch 12
branchwarnhicurr1	user	Maximum current allowed before raising warning alarm for branch 1
branchwarnhicurr2	user	Maximum current allowed before raising warning alarm for branch 2
branchwarnhicurr3	user	Maximum current allowed before raising warning alarm for branch 3
branchwarnhicurr4	user	Maximum current allowed before raising warning alarm for branch 4
branchwarnhicurr5	user	Maximum current allowed before raising warning alarm for branch 5
branchwarnhicurr6	user	Maximum current allowed before raising warning alarm for branch 6

Configuration Item	Group	Description
branchwarnhicurr7	user	Maximum current allowed before raising warning alarm for branch 7
branchwarnhicurr8	user	Maximum current allowed before raising warning alarm for branch 8
branchwarnhicurr9	user	Maximum current allowed before raising warning alarm for branch 9
branchwarnhicurr10	user	Maximum current allowed before raising warning alarm for branch 10
branchwarnhicurr11	user	Maximum current allowed before raising warning alarm for branch 11
branchwarnhicurr12	user	Maximum current allowed before raising warning alarm for branch 12
branchhicurr1	user	Maximum current allowed before raising critical alarm for branch 1
branchhicurr2	user	Maximum current allowed before raising critical alarm for branch 2
branchhicurr3	user	Maximum current allowed before raising critical alarm for branch 3
branchhicurr4	user	Maximum current allowed before raising critical alarm for branch 4
branchhicurr5	user	Maximum current allowed before raising critical alarm for branch 5
branchhicurr6	user	Maximum current allowed before raising critical alarm for branch 6
branchhicurr7	user	Maximum current allowed before raising critical alarm for branch 7
branchhicurr8	user	Maximum current allowed before raising critical alarm for branch 8
branchhicurr9	user	Maximum current allowed before raising critical alarm for branch 9
branchhicurr10	user	Maximum current allowed before raising critical alarm for branch 10
branchhicurr11	user	Maximum current allowed before raising critical alarm for branch 11
branchhicurr12	user	Maximum current allowed before raising critical alarm for branch 12
branchmaxcurr1	user	Store of the high threshold value for branch current. for branch 1
branchmaxcurr2	user	Store of the high threshold value for branch current. for branch 2
branchmaxcurr3	user	Store of the high threshold value for branch current. for branch 3

Configuration Item	Group	Description
branchmaxcurr4	user	Store of the high threshold value for branch current. for branch 4
branchmaxcurr5	user	Store of the high threshold value for branch current. for branch 5
branchmaxcurr6	user	Store of the high threshold value for branch current. for branch 6
branchmaxcurr7	user	Store of the high threshold value for branch current. for branch 7
branchmaxcurr8	user	Store of the high threshold value for branch current. for branch 8
branchmaxcurr9	user	Store of the high threshold value for branch current. for branch 9
branchmaxcurr10	user	Store of the high threshold value for branch current. for branch 10
branchmaxcurr11	user	Store of the high threshold value for branch current. for branch 11
branchmaxcurr12	user	Store of the high threshold value for branch current. for branch 12
branchlowvolt1	user	Minimum voltage allowed before raising critical alarm for branch 1
branchlowvolt2	user	Minimum voltage allowed before raising critical alarm for branch 2
branchlowvolt3	user	Minimum voltage allowed before raising critical alarm for branch 3
branchlowvolt4	user	Minimum voltage allowed before raising critical alarm for branch 4
branchlowvolt5	user	Minimum voltage allowed before raising critical alarm for branch 5
branchlowvolt6	user	Minimum voltage allowed before raising critical alarm for branch 6
branchlowvolt7	user	Minimum voltage allowed before raising critical alarm for branch 7
branchlowvolt8	user	Minimum voltage allowed before raising critical alarm for branch 8
branchlowvolt9	user	Minimum voltage allowed before raising critical alarm for branch 9
branchlowvolt10	user	Minimum voltage allowed before raising critical alarm for branch 10
branchlowvolt11	user	Minimum voltage allowed before raising critical alarm for branch 11
branchlowvolt12	user	Minimum voltage allowed before raising critical alarm for branch 12

Configuration Item	Group	Description
branchwarnlowvolt1	user	Minimum voltage allowed before raising warning alarm for branch 1
branchwarnlowvolt2	user	Minimum voltage allowed before raising warning alarm for branch 2
branchwarnlowvolt3	user	Minimum voltage allowed before raising warning alarm for branch 3
branchwarnlowvolt4	user	Minimum voltage allowed before raising warning alarm for branch 4
branchwarnlowvolt5	user	Minimum voltage allowed before raising warning alarm for branch 5
branchwarnlowvolt6	user	Minimum voltage allowed before raising warning alarm for branch 6
branchwarnlowvolt7	user	Minimum voltage allowed before raising warning alarm for branch 7
branchwarnlowvolt8	user	Minimum voltage allowed before raising warning alarm for branch 8
branchwarnlowvolt9	user	Minimum voltage allowed before raising warning alarm for branch 9
branchwarnlowvolt10	user	Minimum voltage allowed before raising warning alarm for branch 10
branchwarnlowvolt11	user	Minimum voltage allowed before raising warning alarm for branch 11
branchwarnlowvolt12	user	Minimum voltage allowed before raising warning alarm for branch 12
branchwarnhivolt1	user	Maximum voltage allowed before raising warning alarm for branch 1
branchwarnhivolt2	user	Maximum voltage allowed before raising warning alarm for branch 2
branchwarnhivolt3	user	Maximum voltage allowed before raising warning alarm for branch 3
branchwarnhivolt4	user	Maximum voltage allowed before raising warning alarm for branch 4
branchwarnhivolt5	user	Maximum voltage allowed before raising warning alarm for branch 5
branchwarnhivolt6	user	Maximum voltage allowed before raising warning alarm for branch 6
branchwarnhivolt7	user	Maximum voltage allowed before raising warning alarm for branch 7
branchwarnhivolt8	user	Maximum voltage allowed before raising warning alarm for branch 8
branchwarnhivolt9	user	Maximum voltage allowed before raising warning alarm for branch 9

Configuration Item	Group	Description
branchwarnhivolt10	user	Maximum voltage allowed before raising warning alarm for branch 10
branchwarnhivolt11	user	Maximum voltage allowed before raising warning alarm for branch 11
branchwarnhivolt12	user	Maximum voltage allowed before raising warning alarm for branch 12
branchhivolt1	user	Maximum voltage allowed before raising critical alarm for branch 1
branchhivolt2	user	Maximum voltage allowed before raising critical alarm for branch 2
branchhivolt3	user	Maximum voltage allowed before raising critical alarm for branch 3
branchhivolt4	user	Maximum voltage allowed before raising critical alarm for branch 4
branchhivolt5	user	Maximum voltage allowed before raising critical alarm for branch 5
branchhivolt6	user	Maximum voltage allowed before raising critical alarm for branch 6
branchhivolt7	user	Maximum voltage allowed before raising critical alarm for branch 7
branchhivolt8	user	Maximum voltage allowed before raising critical alarm for branch 8
branchhivolt9	user	Maximum voltage allowed before raising critical alarm for branch 9
branchhivolt10	user	Maximum voltage allowed before raising critical alarm for branch 10
branchhivolt11	user	Maximum voltage allowed before raising critical alarm for branch 11
branchhivolt12	user	Maximum voltage allowed before raising critical alarm for branch 12
recepflowcurr1	user	Minimum current allowed before raising critical alarm for outlet 1
recepflowcurr2	user	Minimum current allowed before raising critical alarm for outlet 2
recepflowcurr3	user	Minimum current allowed before raising critical alarm for outlet 3
recepflowcurr4	user	Minimum current allowed before raising critical alarm for outlet 4
recepflowcurr5	user	Minimum current allowed before raising critical alarm for outlet 5
recepflowcurr6	user	Minimum current allowed before raising critical alarm for outlet 6

Configuration Item	Group	Description
receplowcurr7	user	Minimum current allowed before raising critical alarm for outlet 7
receplowcurr8	user	Minimum current allowed before raising critical alarm for outlet 8
receplowcurr9	user	Minimum current allowed before raising critical alarm for outlet 9
receplowcurr10	user	Minimum current allowed before raising critical alarm for outlet 10
receplowcurr11	user	Minimum current allowed before raising critical alarm for outlet 11
receplowcurr12	user	Minimum current allowed before raising critical alarm for outlet 12
receplowcurr13	user	Minimum current allowed before raising critical alarm for outlet 13
receplowcurr14	user	Minimum current allowed before raising critical alarm for outlet 14
receplowcurr15	user	Minimum current allowed before raising critical alarm for outlet 15
receplowcurr16	user	Minimum current allowed before raising critical alarm for outlet 16
receplowcurr17	user	Minimum current allowed before raising critical alarm for outlet 17
receplowcurr18	user	Minimum current allowed before raising critical alarm for outlet 18
receplowcurr19	user	Minimum current allowed before raising critical alarm for outlet 19
receplowcurr20	user	Minimum current allowed before raising critical alarm for outlet 20
receplowcurr21	user	Minimum current allowed before raising critical alarm for outlet 21
receplowcurr22	user	Minimum current allowed before raising critical alarm for outlet 22
receplowcurr23	user	Minimum current allowed before raising critical alarm for outlet 23
receplowcurr24	user	Minimum current allowed before raising critical alarm for outlet 24
receplowcurr25	user	Minimum current allowed before raising critical alarm for outlet 25
receplowcurr26	user	Minimum current allowed before raising critical alarm for outlet 26
receplowcurr27	user	Minimum current allowed before raising critical alarm for outlet 27

Configuration Item	Group	Description
receplowcurr28	user	Minimum current allowed before raising critical alarm for outlet 28
receplowcurr29	user	Minimum current allowed before raising critical alarm for outlet 29
receplowcurr30	user	Minimum current allowed before raising critical alarm for outlet 30
receplowcurr31	user	Minimum current allowed before raising critical alarm for outlet 31
receplowcurr32	user	Minimum current allowed before raising critical alarm for outlet 32
receplowcurr33	user	Minimum current allowed before raising critical alarm for outlet 33
receplowcurr34	user	Minimum current allowed before raising critical alarm for outlet 34
receplowcurr35	user	Minimum current allowed before raising critical alarm for outlet 35
receplowcurr36	user	Minimum current allowed before raising critical alarm for outlet 36
receplowcurr37	user	Minimum current allowed before raising critical alarm for outlet 37
receplowcurr38	user	Minimum current allowed before raising critical alarm for outlet 38
receplowcurr39	user	Minimum current allowed before raising critical alarm for outlet 39
receplowcurr40	user	Minimum current allowed before raising critical alarm for outlet 40
receplowcurr41	user	Minimum current allowed before raising critical alarm for outlet 41
receplowcurr42	user	Minimum current allowed before raising critical alarm for outlet 42
receplowcurr43	user	Minimum current allowed before raising critical alarm for outlet 43
receplowcurr44	user	Minimum current allowed before raising critical alarm for outlet 44
receplowcurr45	user	Minimum current allowed before raising critical alarm for outlet 45
receplowcurr46	user	Minimum current allowed before raising critical alarm for outlet 46
receplowcurr47	user	Minimum current allowed before raising critical alarm for outlet 47
receplowcurr48	user	Minimum current allowed before raising critical alarm for outlet 48

Configuration Item	Group	Description
receplowcurr49	user	Minimum current allowed before raising critical alarm for outlet 49
receplowcurr50	user	Minimum current allowed before raising critical alarm for outlet 50
receplowcurr51	user	Minimum current allowed before raising critical alarm for outlet 51
receplowcurr52	user	Minimum current allowed before raising critical alarm for outlet 52
receplowcurr53	user	Minimum current allowed before raising critical alarm for outlet 53
receplowcurr54	user	Minimum current allowed before raising critical alarm for outlet 54
receplowcurr55	user	Minimum current allowed before raising critical alarm for outlet 55
receplowcurr56	user	Minimum current allowed before raising critical alarm for outlet 56
receplowcurr57	user	Minimum current allowed before raising critical alarm for outlet 57
receplowcurr58	user	Minimum current allowed before raising critical alarm for outlet 58
receplowcurr59	user	Minimum current allowed before raising critical alarm for outlet 59
receplowcurr60	user	Minimum current allowed before raising critical alarm for outlet 60
receplowcurr61	user	Minimum current allowed before raising critical alarm for outlet 61
receplowcurr62	user	Minimum current allowed before raising critical alarm for outlet 62
receplowcurr63	user	Minimum current allowed before raising critical alarm for outlet 63
receplowcurr64	user	Minimum current allowed before raising critical alarm for outlet 64
receplowcurr65	user	Minimum current allowed before raising critical alarm for outlet 65
receplowcurr66	user	Minimum current allowed before raising critical alarm for outlet 66
receplowcurr67	user	Minimum current allowed before raising critical alarm for outlet 67
receplowcurr68	user	Minimum current allowed before raising critical alarm for outlet 68
receplowcurr69	user	Minimum current allowed before raising critical alarm for outlet 69

Configuration Item	Group	Description
recepflowcurr70	user	Minimum current allowed before raising critical alarm for outlet 70
recepflowcurr71	user	Minimum current allowed before raising critical alarm for outlet 71
recepflowcurr72	user	Minimum current allowed before raising critical alarm for outlet 72
recepwarnlowcurr1	user	Minimum current allowed before raising warning alarm for outlet 1
recepwarnlowcurr2	user	Minimum current allowed before raising warning alarm for outlet 2
recepwarnlowcurr3	user	Minimum current allowed before raising warning alarm for outlet 3
recepwarnlowcurr4	user	Minimum current allowed before raising warning alarm for outlet 4
recepwarnlowcurr5	user	Minimum current allowed before raising warning alarm for outlet 5
recepwarnlowcurr6	user	Minimum current allowed before raising warning alarm for outlet 6
recepwarnlowcurr7	user	Minimum current allowed before raising warning alarm for outlet 7
recepwarnlowcurr8	user	Minimum current allowed before raising warning alarm for outlet 8
recepwarnlowcurr9	user	Minimum current allowed before raising warning alarm for outlet 9
recepwarnlowcurr10	user	Minimum current allowed before raising warning alarm for outlet 10
recepwarnlowcurr11	user	Minimum current allowed before raising warning alarm for outlet 11
recepwarnlowcurr12	user	Minimum current allowed before raising warning alarm for outlet 12
recepwarnlowcurr13	user	Minimum current allowed before raising warning alarm for outlet 13
recepwarnlowcurr14	user	Minimum current allowed before raising warning alarm for outlet 14
recepwarnlowcurr15	user	Minimum current allowed before raising warning alarm for outlet 15
recepwarnlowcurr16	user	Minimum current allowed before raising warning alarm for outlet 16
recepwarnlowcurr17	user	Minimum current allowed before raising warning alarm for outlet 17
recepwarnlowcurr18	user	Minimum current allowed before raising warning alarm for outlet 18

Configuration Item	Group	Description
recepwarnlowcurr19	user	Minimum current allowed before raising warning alarm for outlet 19
recepwarnlowcurr20	user	Minimum current allowed before raising warning alarm for outlet 20
recepwarnlowcurr21	user	Minimum current allowed before raising warning alarm for outlet 21
recepwarnlowcurr22	user	Minimum current allowed before raising warning alarm for outlet 22
recepwarnlowcurr23	user	Minimum current allowed before raising warning alarm for outlet 23
recepwarnlowcurr24	user	Minimum current allowed before raising warning alarm for outlet 24
recepwarnlowcurr25	user	Minimum current allowed before raising warning alarm for outlet 25
recepwarnlowcurr26	user	Minimum current allowed before raising warning alarm for outlet 26
recepwarnlowcurr27	user	Minimum current allowed before raising warning alarm for outlet 27
recepwarnlowcurr28	user	Minimum current allowed before raising warning alarm for outlet 28
recepwarnlowcurr29	user	Minimum current allowed before raising warning alarm for outlet 29
recepwarnlowcurr30	user	Minimum current allowed before raising warning alarm for outlet 30
recepwarnlowcurr31	user	Minimum current allowed before raising warning alarm for outlet 31
recepwarnlowcurr32	user	Minimum current allowed before raising warning alarm for outlet 32
recepwarnlowcurr33	user	Minimum current allowed before raising warning alarm for outlet 33
recepwarnlowcurr34	user	Minimum current allowed before raising warning alarm for outlet 34
recepwarnlowcurr35	user	Minimum current allowed before raising warning alarm for outlet 35
recepwarnlowcurr36	user	Minimum current allowed before raising warning alarm for outlet 36
recepwarnlowcurr37	user	Minimum current allowed before raising warning alarm for outlet 37
recepwarnlowcurr38	user	Minimum current allowed before raising warning alarm for outlet 38
recepwarnlowcurr39	user	Minimum current allowed before raising warning alarm for outlet 39

Configuration Item	Group	Description
recepwarnlowcurr40	user	Minimum current allowed before raising warning alarm for outlet 40
recepwarnlowcurr41	user	Minimum current allowed before raising warning alarm for outlet 41
recepwarnlowcurr42	user	Minimum current allowed before raising warning alarm for outlet 42
recepwarnlowcurr43	user	Minimum current allowed before raising warning alarm for outlet 43
recepwarnlowcurr44	user	Minimum current allowed before raising warning alarm for outlet 44
recepwarnlowcurr45	user	Minimum current allowed before raising warning alarm for outlet 45
recepwarnlowcurr46	user	Minimum current allowed before raising warning alarm for outlet 46
recepwarnlowcurr47	user	Minimum current allowed before raising warning alarm for outlet 47
recepwarnlowcurr48	user	Minimum current allowed before raising warning alarm for outlet 48
recepwarnlowcurr49	user	Minimum current allowed before raising warning alarm for outlet 49
recepwarnlowcurr50	user	Minimum current allowed before raising warning alarm for outlet 50
recepwarnlowcurr51	user	Minimum current allowed before raising warning alarm for outlet 51
recepwarnlowcurr52	user	Minimum current allowed before raising warning alarm for outlet 52
recepwarnlowcurr53	user	Minimum current allowed before raising warning alarm for outlet 53
recepwarnlowcurr54	user	Minimum current allowed before raising warning alarm for outlet 54
recepwarnlowcurr55	user	Minimum current allowed before raising warning alarm for outlet 55
recepwarnlowcurr56	user	Minimum current allowed before raising warning alarm for outlet 56
recepwarnlowcurr57	user	Minimum current allowed before raising warning alarm for outlet 57
recepwarnlowcurr58	user	Minimum current allowed before raising warning alarm for outlet 58
recepwarnlowcurr59	user	Minimum current allowed before raising warning alarm for outlet 59
recepwarnlowcurr60	user	Minimum current allowed before raising warning alarm for outlet 60

Configuration Item	Group	Description
recepwarnlowcurr61	user	Minimum current allowed before raising warning alarm for outlet 61
recepwarnlowcurr62	user	Minimum current allowed before raising warning alarm for outlet 62
recepwarnlowcurr63	user	Minimum current allowed before raising warning alarm for outlet 63
recepwarnlowcurr64	user	Minimum current allowed before raising warning alarm for outlet 64
recepwarnlowcurr65	user	Minimum current allowed before raising warning alarm for outlet 65
recepwarnlowcurr66	user	Minimum current allowed before raising warning alarm for outlet 66
recepwarnlowcurr67	user	Minimum current allowed before raising warning alarm for outlet 67
recepwarnlowcurr68	user	Minimum current allowed before raising warning alarm for outlet 68
recepwarnlowcurr69	user	Minimum current allowed before raising warning alarm for outlet 69
recepwarnlowcurr70	user	Minimum current allowed before raising warning alarm for outlet 70
recepwarnlowcurr71	user	Minimum current allowed before raising warning alarm for outlet 71
recepwarnlowcurr72	user	Minimum current allowed before raising warning alarm for outlet 72
recepwarnhicurr1	user	Maximum current allowed before raising warning alarm for outlet 1
recepwarnhicurr2	user	Maximum current allowed before raising warning alarm for outlet 2
recepwarnhicurr3	user	Maximum current allowed before raising warning alarm for outlet 3
recepwarnhicurr4	user	Maximum current allowed before raising warning alarm for outlet 4
recepwarnhicurr5	user	Maximum current allowed before raising warning alarm for outlet 5
recepwarnhicurr6	user	Maximum current allowed before raising warning alarm for outlet 6
recepwarnhicurr7	user	Maximum current allowed before raising warning alarm for outlet 7
recepwarnhicurr8	user	Maximum current allowed before raising warning alarm for outlet 8
recepwarnhicurr9	user	Maximum current allowed before raising warning alarm for outlet 9

Configuration Item	Group	Description
recepwarnhicurr10	user	Maximum current allowed before raising warning alarm for outlet 10
recepwarnhicurr11	user	Maximum current allowed before raising warning alarm for outlet 11
recepwarnhicurr12	user	Maximum current allowed before raising warning alarm for outlet 12
recepwarnhicurr13	user	Maximum current allowed before raising warning alarm for outlet 13
recepwarnhicurr14	user	Maximum current allowed before raising warning alarm for outlet 14
recepwarnhicurr15	user	Maximum current allowed before raising warning alarm for outlet 15
recepwarnhicurr16	user	Maximum current allowed before raising warning alarm for outlet 16
recepwarnhicurr17	user	Maximum current allowed before raising warning alarm for outlet 17
recepwarnhicurr18	user	Maximum current allowed before raising warning alarm for outlet 18
recepwarnhicurr19	user	Maximum current allowed before raising warning alarm for outlet 19
recepwarnhicurr20	user	Maximum current allowed before raising warning alarm for outlet 20
recepwarnhicurr21	user	Maximum current allowed before raising warning alarm for outlet 21
recepwarnhicurr22	user	Maximum current allowed before raising warning alarm for outlet 22
recepwarnhicurr23	user	Maximum current allowed before raising warning alarm for outlet 23
recepwarnhicurr24	user	Maximum current allowed before raising warning alarm for outlet 24
recepwarnhicurr25	user	Maximum current allowed before raising warning alarm for outlet 25
recepwarnhicurr26	user	Maximum current allowed before raising warning alarm for outlet 26
recepwarnhicurr27	user	Maximum current allowed before raising warning alarm for outlet 27
recepwarnhicurr28	user	Maximum current allowed before raising warning alarm for outlet 28
recepwarnhicurr29	user	Maximum current allowed before raising warning alarm for outlet 29
recepwarnhicurr30	user	Maximum current allowed before raising warning alarm for outlet 30

Configuration Item	Group	Description
recepwarnhicurr31	user	Maximum current allowed before raising warning alarm for outlet 31
recepwarnhicurr32	user	Maximum current allowed before raising warning alarm for outlet 32
recepwarnhicurr33	user	Maximum current allowed before raising warning alarm for outlet 33
recepwarnhicurr34	user	Maximum current allowed before raising warning alarm for outlet 34
recepwarnhicurr35	user	Maximum current allowed before raising warning alarm for outlet 35
recepwarnhicurr36	user	Maximum current allowed before raising warning alarm for outlet 36
recepwarnhicurr37	user	Maximum current allowed before raising warning alarm for outlet 37
recepwarnhicurr38	user	Maximum current allowed before raising warning alarm for outlet 38
recepwarnhicurr39	user	Maximum current allowed before raising warning alarm for outlet 39
recepwarnhicurr40	user	Maximum current allowed before raising warning alarm for outlet 40
recepwarnhicurr41	user	Maximum current allowed before raising warning alarm for outlet 41
recepwarnhicurr42	user	Maximum current allowed before raising warning alarm for outlet 42
recepwarnhicurr43	user	Maximum current allowed before raising warning alarm for outlet 43
recepwarnhicurr44	user	Maximum current allowed before raising warning alarm for outlet 44
recepwarnhicurr45	user	Maximum current allowed before raising warning alarm for outlet 45
recepwarnhicurr46	user	Maximum current allowed before raising warning alarm for outlet 46
recepwarnhicurr47	user	Maximum current allowed before raising warning alarm for outlet 47
recepwarnhicurr48	user	Maximum current allowed before raising warning alarm for outlet 48
recepwarnhicurr49	user	Maximum current allowed before raising warning alarm for outlet 49
recepwarnhicurr50	user	Maximum current allowed before raising warning alarm for outlet 50
recepwarnhicurr51	user	Maximum current allowed before raising warning alarm for outlet 51

Configuration Item	Group	Description
recepwarnhicurr52	user	Maximum current allowed before raising warning alarm for outlet 52
recepwarnhicurr53	user	Maximum current allowed before raising warning alarm for outlet 53
recepwarnhicurr54	user	Maximum current allowed before raising warning alarm for outlet 54
recepwarnhicurr55	user	Maximum current allowed before raising warning alarm for outlet 55
recepwarnhicurr56	user	Maximum current allowed before raising warning alarm for outlet 56
recepwarnhicurr57	user	Maximum current allowed before raising warning alarm for outlet 57
recepwarnhicurr58	user	Maximum current allowed before raising warning alarm for outlet 58
recepwarnhicurr59	user	Maximum current allowed before raising warning alarm for outlet 59
recepwarnhicurr60	user	Maximum current allowed before raising warning alarm for outlet 60
recepwarnhicurr61	user	Maximum current allowed before raising warning alarm for outlet 61
recepwarnhicurr62	user	Maximum current allowed before raising warning alarm for outlet 62
recepwarnhicurr63	user	Maximum current allowed before raising warning alarm for outlet 63
recepwarnhicurr64	user	Maximum current allowed before raising warning alarm for outlet 64
recepwarnhicurr65	user	Maximum current allowed before raising warning alarm for outlet 65
recepwarnhicurr66	user	Maximum current allowed before raising warning alarm for outlet 66
recepwarnhicurr67	user	Maximum current allowed before raising warning alarm for outlet 67
recepwarnhicurr68	user	Maximum current allowed before raising warning alarm for outlet 68
recepwarnhicurr69	user	Maximum current allowed before raising warning alarm for outlet 69
recepwarnhicurr70	user	Maximum current allowed before raising warning alarm for outlet 70
recepwarnhicurr71	user	Maximum current allowed before raising warning alarm for outlet 71
recepwarnhicurr72	user	Maximum current allowed before raising warning alarm for outlet 72

Configuration Item	Group	Description
recephicurr1	user	Maximum current allowed before raising critical alarm for outlet 1
recephicurr2	user	Maximum current allowed before raising critical alarm for outlet 2
recephicurr3	user	Maximum current allowed before raising critical alarm for outlet 3
recephicurr4	user	Maximum current allowed before raising critical alarm for outlet 4
recephicurr5	user	Maximum current allowed before raising critical alarm for outlet 5
recephicurr6	user	Maximum current allowed before raising critical alarm for outlet 6
recephicurr7	user	Maximum current allowed before raising critical alarm for outlet 7
recephicurr8	user	Maximum current allowed before raising critical alarm for outlet 8
recephicurr9	user	Maximum current allowed before raising critical alarm for outlet 9
recephicurr10	user	Maximum current allowed before raising critical alarm for outlet 10
recephicurr11	user	Maximum current allowed before raising critical alarm for outlet 11
recephicurr12	user	Maximum current allowed before raising critical alarm for outlet 12
recephicurr13	user	Maximum current allowed before raising critical alarm for outlet 13
recephicurr14	user	Maximum current allowed before raising critical alarm for outlet 14
recephicurr15	user	Maximum current allowed before raising critical alarm for outlet 15
recephicurr16	user	Maximum current allowed before raising critical alarm for outlet 16
recephicurr17	user	Maximum current allowed before raising critical alarm for outlet 17
recephicurr18	user	Maximum current allowed before raising critical alarm for outlet 18
recephicurr19	user	Maximum current allowed before raising critical alarm for outlet 19
recephicurr20	user	Maximum current allowed before raising critical alarm for outlet 20
recephicurr21	user	Maximum current allowed before raising critical alarm for outlet 21

Configuration Item	Group	Description
recephicurr22	user	Maximum current allowed before raising critical alarm for outlet 22
recephicurr23	user	Maximum current allowed before raising critical alarm for outlet 23
recephicurr24	user	Maximum current allowed before raising critical alarm for outlet 24
recephicurr25	user	Maximum current allowed before raising critical alarm for outlet 25
recephicurr26	user	Maximum current allowed before raising critical alarm for outlet 26
recephicurr27	user	Maximum current allowed before raising critical alarm for outlet 27
recephicurr28	user	Maximum current allowed before raising critical alarm for outlet 28
recephicurr29	user	Maximum current allowed before raising critical alarm for outlet 29
recephicurr30	user	Maximum current allowed before raising critical alarm for outlet 30
recephicurr31	user	Maximum current allowed before raising critical alarm for outlet 31
recephicurr32	user	Maximum current allowed before raising critical alarm for outlet 32
recephicurr33	user	Maximum current allowed before raising critical alarm for outlet 33
recephicurr34	user	Maximum current allowed before raising critical alarm for outlet 34
recephicurr35	user	Maximum current allowed before raising critical alarm for outlet 35
recephicurr36	user	Maximum current allowed before raising critical alarm for outlet 36
recephicurr37	user	Maximum current allowed before raising critical alarm for outlet 37
recephicurr38	user	Maximum current allowed before raising critical alarm for outlet 38
recephicurr39	user	Maximum current allowed before raising critical alarm for outlet 39
recephicurr40	user	Maximum current allowed before raising critical alarm for outlet 40
recephicurr41	user	Maximum current allowed before raising critical alarm for outlet 41
recephicurr42	user	Maximum current allowed before raising critical alarm for outlet 42

Configuration Item	Group	Description
recephicurr43	user	Maximum current allowed before raising critical alarm for outlet 43
recephicurr44	user	Maximum current allowed before raising critical alarm for outlet 44
recephicurr45	user	Maximum current allowed before raising critical alarm for outlet 45
recephicurr46	user	Maximum current allowed before raising critical alarm for outlet 46
recephicurr47	user	Maximum current allowed before raising critical alarm for outlet 47
recephicurr48	user	Maximum current allowed before raising critical alarm for outlet 48
recephicurr49	user	Maximum current allowed before raising critical alarm for outlet 49
recephicurr50	user	Maximum current allowed before raising critical alarm for outlet 50
recephicurr51	user	Maximum current allowed before raising critical alarm for outlet 51
recephicurr52	user	Maximum current allowed before raising critical alarm for outlet 52
recephicurr53	user	Maximum current allowed before raising critical alarm for outlet 53
recephicurr54	user	Maximum current allowed before raising critical alarm for outlet 54
recephicurr55	user	Maximum current allowed before raising critical alarm for outlet 55
recephicurr56	user	Maximum current allowed before raising critical alarm for outlet 56
recephicurr57	user	Maximum current allowed before raising critical alarm for outlet 57
recephicurr58	user	Maximum current allowed before raising critical alarm for outlet 58
recephicurr59	user	Maximum current allowed before raising critical alarm for outlet 59
recephicurr60	user	Maximum current allowed before raising critical alarm for outlet 60
recephicurr61	user	Maximum current allowed before raising critical alarm for outlet 61
recephicurr62	user	Maximum current allowed before raising critical alarm for outlet 62
recephicurr63	user	Maximum current allowed before raising critical alarm for outlet 63

Configuration Item	Group	Description
recephicurr64	user	Maximum current allowed before raising critical alarm for outlet 64
recephicurr65	user	Maximum current allowed before raising critical alarm for outlet 65
recephicurr66	user	Maximum current allowed before raising critical alarm for outlet 66
recephicurr67	user	Maximum current allowed before raising critical alarm for outlet 67
recephicurr68	user	Maximum current allowed before raising critical alarm for outlet 68
recephicurr69	user	Maximum current allowed before raising critical alarm for outlet 69
recephicurr70	user	Maximum current allowed before raising critical alarm for outlet 70
recephicurr71	user	Maximum current allowed before raising critical alarm for outlet 71
recephicurr72	user	Maximum current allowed before raising critical alarm for outlet 72
recepccritcurr1	user	Store of the high threshold value for outlet current for outlet 1
recepccritcurr2	user	Store of the high threshold value for outlet current for outlet 2
recepccritcurr3	user	Store of the high threshold value for outlet current for outlet 3
recepccritcurr4	user	Store of the high threshold value for outlet current for outlet 4
recepccritcurr5	user	Store of the high threshold value for outlet current for outlet 5
recepccritcurr6	user	Store of the high threshold value for outlet current for outlet 6
recepccritcurr7	user	Store of the high threshold value for outlet current for outlet 7
recepccritcurr8	user	Store of the high threshold value for outlet current for outlet 8
recepccritcurr9	user	Store of the high threshold value for outlet current for outlet 9
recepccritcurr10	user	Store of the high threshold value for outlet current for outlet 10
recepccritcurr11	user	Store of the high threshold value for outlet current for outlet 11
recepccritcurr12	user	Store of the high threshold value for outlet current for outlet 12

Configuration Item	Group	Description
recepccritcurr13	user	Store of the high threshold value for outlet current for outlet 13
recepccritcurr14	user	Store of the high threshold value for outlet current for outlet 14
recepccritcurr15	user	Store of the high threshold value for outlet current for outlet 15
recepccritcurr16	user	Store of the high threshold value for outlet current for outlet 16
recepccritcurr17	user	Store of the high threshold value for outlet current for outlet 17
recepccritcurr18	user	Store of the high threshold value for outlet current for outlet 18
recepccritcurr19	user	Store of the high threshold value for outlet current for outlet 19
recepccritcurr20	user	Store of the high threshold value for outlet current for outlet 20
recepccritcurr21	user	Store of the high threshold value for outlet current for outlet 21
recepccritcurr22	user	Store of the high threshold value for outlet current for outlet 22
recepccritcurr23	user	Store of the high threshold value for outlet current for outlet 23
recepccritcurr24	user	Store of the high threshold value for outlet current for outlet 24
recepccritcurr25	user	Store of the high threshold value for outlet current for outlet 25
recepccritcurr26	user	Store of the high threshold value for outlet current for outlet 26
recepccritcurr27	user	Store of the high threshold value for outlet current for outlet 27
recepccritcurr28	user	Store of the high threshold value for outlet current for outlet 28
recepccritcurr29	user	Store of the high threshold value for outlet current for outlet 29
recepccritcurr30	user	Store of the high threshold value for outlet current for outlet 30
recepccritcurr31	user	Store of the high threshold value for outlet current for outlet 31
recepccritcurr32	user	Store of the high threshold value for outlet current for outlet 32
recepccritcurr33	user	Store of the high threshold value for outlet current for outlet 33

Configuration Item	Group	Description
recepccritcurr34	user	Store of the high threshold value for outlet current for outlet 34
recepccritcurr35	user	Store of the high threshold value for outlet current for outlet 35
recepccritcurr36	user	Store of the high threshold value for outlet current for outlet 36
recepccritcurr37	user	Store of the high threshold value for outlet current for outlet 37
recepccritcurr38	user	Store of the high threshold value for outlet current for outlet 38
recepccritcurr39	user	Store of the high threshold value for outlet current for outlet 39
recepccritcurr40	user	Store of the high threshold value for outlet current for outlet 40
recepccritcurr41	user	Store of the high threshold value for outlet current for outlet 41
recepccritcurr42	user	Store of the high threshold value for outlet current for outlet 42
recepccritcurr43	user	Store of the high threshold value for outlet current for outlet 43
recepccritcurr44	user	Store of the high threshold value for outlet current for outlet 44
recepccritcurr45	user	Store of the high threshold value for outlet current for outlet 45
recepccritcurr46	user	Store of the high threshold value for outlet current for outlet 46
recepccritcurr47	user	Store of the high threshold value for outlet current for outlet 47
recepccritcurr48	user	Store of the high threshold value for outlet current for outlet 48
recepccritcurr49	user	Store of the high threshold value for outlet current for outlet 49
recepccritcurr50	user	Store of the high threshold value for outlet current for outlet 50
recepccritcurr51	user	Store of the high threshold value for outlet current for outlet 51
recepccritcurr52	user	Store of the high threshold value for outlet current for outlet 52
recepccritcurr53	user	Store of the high threshold value for outlet current for outlet 53
recepccritcurr54	user	Store of the high threshold value for outlet current for outlet 54

Configuration Item	Group	Description
recepccritcurr55	user	Store of the high threshold value for outlet current for outlet 55
recepccritcurr56	user	Store of the high threshold value for outlet current for outlet 56
recepccritcurr57	user	Store of the high threshold value for outlet current for outlet 57
recepccritcurr58	user	Store of the high threshold value for outlet current for outlet 58
recepccritcurr59	user	Store of the high threshold value for outlet current for outlet 59
recepccritcurr60	user	Store of the high threshold value for outlet current for outlet 60
recepccritcurr61	user	Store of the high threshold value for outlet current for outlet 61
recepccritcurr62	user	Store of the high threshold value for outlet current for outlet 62
recepccritcurr63	user	Store of the high threshold value for outlet current for outlet 63
recepccritcurr64	user	Store of the high threshold value for outlet current for outlet 64
recepccritcurr65	user	Store of the high threshold value for outlet current for outlet 65
recepccritcurr66	user	Store of the high threshold value for outlet current for outlet 66
recepccritcurr67	user	Store of the high threshold value for outlet current for outlet 67
recepccritcurr68	user	Store of the high threshold value for outlet current for outlet 68
recepccritcurr69	user	Store of the high threshold value for outlet current for outlet 69
recepccritcurr70	user	Store of the high threshold value for outlet current for outlet 70
recepccritcurr71	user	Store of the high threshold value for outlet current for outlet 71
recepccritcurr72	user	Store of the high threshold value for outlet current for outlet 72
recepname1	user	Outlet Name label for outlet 1
recepname2	user	Outlet Name label for outlet 2
recepname3	user	Outlet Name label for outlet 3
recepname4	user	Outlet Name label for outlet 4
recepname5	user	Outlet Name label for outlet 5
recepname6	user	Outlet Name label for outlet 6

Configuration Item	Group	Description
recepname7	user	Outlet Name label for outlet 7
recepname8	user	Outlet Name label for outlet 8
recepname9	user	Outlet Name label for outlet 9
recepname10	user	Outlet Name label for outlet 10
recepname11	user	Outlet Name label for outlet 11
recepname12	user	Outlet Name label for outlet 12
recepname13	user	Outlet Name label for outlet 13
recepname14	user	Outlet Name label for outlet 14
recepname15	user	Outlet Name label for outlet 15
recepname16	user	Outlet Name label for outlet 16
recepname17	user	Outlet Name label for outlet 17
recepname18	user	Outlet Name label for outlet 18
recepname19	user	Outlet Name label for outlet 19
recepname20	user	Outlet Name label for outlet 20
recepname21	user	Outlet Name label for outlet 21
recepname22	user	Outlet Name label for outlet 22
recepname23	user	Outlet Name label for outlet 23
recepname24	user	Outlet Name label for outlet 24
recepname25	user	Outlet Name label for outlet 25
recepname26	user	Outlet Name label for outlet 26
recepname27	user	Outlet Name label for outlet 27
recepname28	user	Outlet Name label for outlet 28
recepname29	user	Outlet Name label for outlet 29
recepname30	user	Outlet Name label for outlet 30
recepname31	user	Outlet Name label for outlet 31
recepname32	user	Outlet Name label for outlet 32
recepname33	user	Outlet Name label for outlet 33
recepname34	user	Outlet Name label for outlet 34
recepname35	user	Outlet Name label for outlet 35
recepname36	user	Outlet Name label for outlet 36
recepname37	user	Outlet Name label for outlet 37
recepname38	user	Outlet Name label for outlet 38
recepname39	user	Outlet Name label for outlet 39
recepname40	user	Outlet Name label for outlet 40
recepname41	user	Outlet Name label for outlet 41
recepname42	user	Outlet Name label for outlet 42
recepname43	user	Outlet Name label for outlet 43
recepname44	user	Outlet Name label for outlet 44
recepname45	user	Outlet Name label for outlet 45
recepname46	user	Outlet Name label for outlet 46
recepname47	user	Outlet Name label for outlet 47
recepname48	user	Outlet Name label for outlet 48

Configuration Item	Group	Description
recepname49	user	Outlet Name label for outlet 49
recepname50	user	Outlet Name label for outlet 50
recepname51	user	Outlet Name label for outlet 51
recepname52	user	Outlet Name label for outlet 52
recepname53	user	Outlet Name label for outlet 53
recepname54	user	Outlet Name label for outlet 54
recepname55	user	Outlet Name label for outlet 55
recepname56	user	Outlet Name label for outlet 56
recepname57	user	Outlet Name label for outlet 57
recepname58	user	Outlet Name label for outlet 58
recepname59	user	Outlet Name label for outlet 59
recepname60	user	Outlet Name label for outlet 60
recepname61	user	Outlet Name label for outlet 61
recepname62	user	Outlet Name label for outlet 62
recepname63	user	Outlet Name label for outlet 63
recepname64	user	Outlet Name label for outlet 64
recepname65	user	Outlet Name label for outlet 65
recepname66	user	Outlet Name label for outlet 66
recepname67	user	Outlet Name label for outlet 67
recepname68	user	Outlet Name label for outlet 68
recepname69	user	Outlet Name label for outlet 69
recepname70	user	Outlet Name label for outlet 70
recepname71	user	Outlet Name label for outlet 71
recepname72	user	Outlet Name label for outlet 72
recepdescription1	user	Outlet Description label for outlet 1
recepdescription2	user	Outlet Description label for outlet 2
recepdescription3	user	Outlet Description label for outlet 3
recepdescription4	user	Outlet Description label for outlet 4
recepdescription5	user	Outlet Description label for outlet 5
recepdescription6	user	Outlet Description label for outlet 6
recepdescription7	user	Outlet Description label for outlet 7
recepdescription8	user	Outlet Description label for outlet 8
recepdescription9	user	Outlet Description label for outlet 9
recepdescription10	user	Outlet Description label for outlet 10
recepdescription11	user	Outlet Description label for outlet 11
recepdescription12	user	Outlet Description label for outlet 12
recepdescription13	user	Outlet Description label for outlet 13
recepdescription14	user	Outlet Description label for outlet 14
recepdescription15	user	Outlet Description label for outlet 15
recepdescription16	user	Outlet Description label for outlet 16
recepdescription17	user	Outlet Description label for outlet 17
recepdescription18	user	Outlet Description label for outlet 18

Configuration Item	Group	Description
recepdescription19	user	Outlet Description label for outlet 19
recepdescription20	user	Outlet Description label for outlet 20
recepdescription21	user	Outlet Description label for outlet 21
recepdescription22	user	Outlet Description label for outlet 22
recepdescription23	user	Outlet Description label for outlet 23
recepdescription24	user	Outlet Description label for outlet 24
recepdescription25	user	Outlet Description label for outlet 25
recepdescription26	user	Outlet Description label for outlet 26
recepdescription27	user	Outlet Description label for outlet 27
recepdescription28	user	Outlet Description label for outlet 28
recepdescription29	user	Outlet Description label for outlet 29
recepdescription30	user	Outlet Description label for outlet 30
recepdescription31	user	Outlet Description label for outlet 31
recepdescription32	user	Outlet Description label for outlet 32
recepdescription33	user	Outlet Description label for outlet 33
recepdescription34	user	Outlet Description label for outlet 34
recepdescription35	user	Outlet Description label for outlet 35
recepdescription36	user	Outlet Description label for outlet 36
recepdescription37	user	Outlet Description label for outlet 37
recepdescription38	user	Outlet Description label for outlet 38
recepdescription39	user	Outlet Description label for outlet 39
recepdescription40	user	Outlet Description label for outlet 40
recepdescription41	user	Outlet Description label for outlet 41
recepdescription42	user	Outlet Description label for outlet 42
recepdescription43	user	Outlet Description label for outlet 43
recepdescription44	user	Outlet Description label for outlet 44
recepdescription45	user	Outlet Description label for outlet 45
recepdescription46	user	Outlet Description label for outlet 46
recepdescription47	user	Outlet Description label for outlet 47
recepdescription48	user	Outlet Description label for outlet 48
recepdescription49	user	Outlet Description label for outlet 49
recepdescription50	user	Outlet Description label for outlet 50
recepdescription51	user	Outlet Description label for outlet 51
recepdescription52	user	Outlet Description label for outlet 52
recepdescription53	user	Outlet Description label for outlet 53
recepdescription54	user	Outlet Description label for outlet 54
recepdescription55	user	Outlet Description label for outlet 55
recepdescription56	user	Outlet Description label for outlet 56
recepdescription57	user	Outlet Description label for outlet 57
recepdescription58	user	Outlet Description label for outlet 58
recepdescription59	user	Outlet Description label for outlet 59
recepdescription60	user	Outlet Description label for outlet 60

Configuration Item	Group	Description
recepdescription61	user	Outlet Description label for outlet 61
recepdescription62	user	Outlet Description label for outlet 62
recepdescription63	user	Outlet Description label for outlet 63
recepdescription64	user	Outlet Description label for outlet 64
recepdescription65	user	Outlet Description label for outlet 65
recepdescription66	user	Outlet Description label for outlet 66
recepdescription67	user	Outlet Description label for outlet 67
recepdescription68	user	Outlet Description label for outlet 68
recepdescription69	user	Outlet Description label for outlet 69
recepdescription70	user	Outlet Description label for outlet 70
recepdescription71	user	Outlet Description label for outlet 71
recepdescription72	user	Outlet Description label for outlet 72
recepstate1	user	Store of the power up state of the outlet for outlet 1
recepstate2	user	Store of the power up state of the outlet for outlet 2
recepstate3	user	Store of the power up state of the outlet for outlet 3
recepstate4	user	Store of the power up state of the outlet for outlet 4
recepstate5	user	Store of the power up state of the outlet for outlet 5
recepstate6	user	Store of the power up state of the outlet for outlet 6
recepstate7	user	Store of the power up state of the outlet for outlet 7
recepstate8	user	Store of the power up state of the outlet for outlet 8
recepstate9	user	Store of the power up state of the outlet for outlet 9
recepstate10	user	Store of the power up state of the outlet for outlet 10
recepstate11	user	Store of the power up state of the outlet for outlet 11
recepstate12	user	Store of the power up state of the outlet for outlet 12
recepstate13	user	Store of the power up state of the outlet for outlet 13
recepstate14	user	Store of the power up state of the outlet for outlet 14
recepstate15	user	Store of the power up state of the outlet for outlet 15

Configuration Item	Group	Description
recepstate16	user	Store of the power up state of the outlet for outlet 16
recepstate17	user	Store of the power up state of the outlet for outlet 17
recepstate18	user	Store of the power up state of the outlet for outlet 18
recepstate19	user	Store of the power up state of the outlet for outlet 19
recepstate20	user	Store of the power up state of the outlet for outlet 20
recepstate21	user	Store of the power up state of the outlet for outlet 21
recepstate22	user	Store of the power up state of the outlet for outlet 22
recepstate23	user	Store of the power up state of the outlet for outlet 23
recepstate24	user	Store of the power up state of the outlet for outlet 24
recepstate25	user	Store of the power up state of the outlet for outlet 25
recepstate26	user	Store of the power up state of the outlet for outlet 26
recepstate27	user	Store of the power up state of the outlet for outlet 27
recepstate28	user	Store of the power up state of the outlet for outlet 28
recepstate29	user	Store of the power up state of the outlet for outlet 29
recepstate30	user	Store of the power up state of the outlet for outlet 30
recepstate31	user	Store of the power up state of the outlet for outlet 31
recepstate32	user	Store of the power up state of the outlet for outlet 32
recepstate33	user	Store of the power up state of the outlet for outlet 33
recepstate34	user	Store of the power up state of the outlet for outlet 34
recepstate35	user	Store of the power up state of the outlet for outlet 35
recepstate36	user	Store of the power up state of the outlet for outlet 36

Configuration Item	Group	Description
recepstate37	user	Store of the power up state of the outlet for outlet 37
recepstate38	user	Store of the power up state of the outlet for outlet 38
recepstate39	user	Store of the power up state of the outlet for outlet 39
recepstate40	user	Store of the power up state of the outlet for outlet 40
recepstate41	user	Store of the power up state of the outlet for outlet 41
recepstate42	user	Store of the power up state of the outlet for outlet 42
recepstate43	user	Store of the power up state of the outlet for outlet 43
recepstate44	user	Store of the power up state of the outlet for outlet 44
recepstate45	user	Store of the power up state of the outlet for outlet 45
recepstate46	user	Store of the power up state of the outlet for outlet 46
recepstate47	user	Store of the power up state of the outlet for outlet 47
recepstate48	user	Store of the power up state of the outlet for outlet 48
recepstate49	user	Store of the power up state of the outlet for outlet 49
recepstate50	user	Store of the power up state of the outlet for outlet 50
recepstate51	user	Store of the power up state of the outlet for outlet 51
recepstate52	user	Store of the power up state of the outlet for outlet 52
recepstate53	user	Store of the power up state of the outlet for outlet 53
recepstate54	user	Store of the power up state of the outlet for outlet 54
recepstate55	user	Store of the power up state of the outlet for outlet 55
recepstate56	user	Store of the power up state of the outlet for outlet 56
recepstate57	user	Store of the power up state of the outlet for outlet 57

Configuration Item	Group	Description
recepstate58	user	Store of the power up state of the outlet for outlet 58
recepstate59	user	Store of the power up state of the outlet for outlet 59
recepstate60	user	Store of the power up state of the outlet for outlet 60
recepstate61	user	Store of the power up state of the outlet for outlet 61
recepstate62	user	Store of the power up state of the outlet for outlet 62
recepstate63	user	Store of the power up state of the outlet for outlet 63
recepstate64	user	Store of the power up state of the outlet for outlet 64
recepstate65	user	Store of the power up state of the outlet for outlet 65
recepstate66	user	Store of the power up state of the outlet for outlet 66
recepstate67	user	Store of the power up state of the outlet for outlet 67
recepstate68	user	Store of the power up state of the outlet for outlet 68
recepstate69	user	Store of the power up state of the outlet for outlet 69
recepstate70	user	Store of the power up state of the outlet for outlet 70
recepstate71	user	Store of the power up state of the outlet for outlet 71
recepstate72	user	Store of the power up state of the outlet for outlet 72
recepresettime1	user	Configured time to stay off when issuing a reset for outlet 1
recepresettime2	user	Configured time to stay off when issuing a reset for outlet 2
recepresettime3	user	Configured time to stay off when issuing a reset for outlet 3
recepresettime4	user	Configured time to stay off when issuing a reset for outlet 4
recepresettime5	user	Configured time to stay off when issuing a reset for outlet 5
recepresettime6	user	Configured time to stay off when issuing a reset for outlet 6

Configuration Item	Group	Description
recepresettime7	user	Configured time to stay off when issuing a reset for outlet 7
recepresettime8	user	Configured time to stay off when issuing a reset for outlet 8
recepresettime9	user	Configured time to stay off when issuing a reset for outlet 9
recepresettime10	user	Configured time to stay off when issuing a reset for outlet 10
recepresettime11	user	Configured time to stay off when issuing a reset for outlet 11
recepresettime12	user	Configured time to stay off when issuing a reset for outlet 12
recepresettime13	user	Configured time to stay off when issuing a reset for outlet 13
recepresettime14	user	Configured time to stay off when issuing a reset for outlet 14
recepresettime15	user	Configured time to stay off when issuing a reset for outlet 15
recepresettime16	user	Configured time to stay off when issuing a reset for outlet 16
recepresettime17	user	Configured time to stay off when issuing a reset for outlet 17
recepresettime18	user	Configured time to stay off when issuing a reset for outlet 18
recepresettime19	user	Configured time to stay off when issuing a reset for outlet 19
recepresettime20	user	Configured time to stay off when issuing a reset for outlet 20
recepresettime21	user	Configured time to stay off when issuing a reset for outlet 21
recepresettime22	user	Configured time to stay off when issuing a reset for outlet 22
recepresettime23	user	Configured time to stay off when issuing a reset for outlet 23
recepresettime24	user	Configured time to stay off when issuing a reset for outlet 24
recepresettime25	user	Configured time to stay off when issuing a reset for outlet 25
recepresettime26	user	Configured time to stay off when issuing a reset for outlet 26
recepresettime27	user	Configured time to stay off when issuing a reset for outlet 27

Configuration Item	Group	Description
recepresettime28	user	Configured time to stay off when issuing a reset for outlet 28
recepresettime29	user	Configured time to stay off when issuing a reset for outlet 29
recepresettime30	user	Configured time to stay off when issuing a reset for outlet 30
recepresettime31	user	Configured time to stay off when issuing a reset for outlet 31
recepresettime32	user	Configured time to stay off when issuing a reset for outlet 32
recepresettime33	user	Configured time to stay off when issuing a reset for outlet 33
recepresettime34	user	Configured time to stay off when issuing a reset for outlet 34
recepresettime35	user	Configured time to stay off when issuing a reset for outlet 35
recepresettime36	user	Configured time to stay off when issuing a reset for outlet 36
recepresettime37	user	Configured time to stay off when issuing a reset for outlet 37
recepresettime38	user	Configured time to stay off when issuing a reset for outlet 38
recepresettime39	user	Configured time to stay off when issuing a reset for outlet 39
recepresettime40	user	Configured time to stay off when issuing a reset for outlet 40
recepresettime41	user	Configured time to stay off when issuing a reset for outlet 41
recepresettime42	user	Configured time to stay off when issuing a reset for outlet 42
recepresettime43	user	Configured time to stay off when issuing a reset for outlet 43
recepresettime44	user	Configured time to stay off when issuing a reset for outlet 44
recepresettime45	user	Configured time to stay off when issuing a reset for outlet 45
recepresettime46	user	Configured time to stay off when issuing a reset for outlet 46
recepresettime47	user	Configured time to stay off when issuing a reset for outlet 47
recepresettime48	user	Configured time to stay off when issuing a reset for outlet 48

Configuration Item	Group	Description
recepresettime49	user	Configured time to stay off when issuing a reset for outlet 49
recepresettime50	user	Configured time to stay off when issuing a reset for outlet 50
recepresettime51	user	Configured time to stay off when issuing a reset for outlet 51
recepresettime52	user	Configured time to stay off when issuing a reset for outlet 52
recepresettime53	user	Configured time to stay off when issuing a reset for outlet 53
recepresettime54	user	Configured time to stay off when issuing a reset for outlet 54
recepresettime55	user	Configured time to stay off when issuing a reset for outlet 55
recepresettime56	user	Configured time to stay off when issuing a reset for outlet 56
recepresettime57	user	Configured time to stay off when issuing a reset for outlet 57
recepresettime58	user	Configured time to stay off when issuing a reset for outlet 58
recepresettime59	user	Configured time to stay off when issuing a reset for outlet 59
recepresettime60	user	Configured time to stay off when issuing a reset for outlet 60
recepresettime61	user	Configured time to stay off when issuing a reset for outlet 61
recepresettime62	user	Configured time to stay off when issuing a reset for outlet 62
recepresettime63	user	Configured time to stay off when issuing a reset for outlet 63
recepresettime64	user	Configured time to stay off when issuing a reset for outlet 64
recepresettime65	user	Configured time to stay off when issuing a reset for outlet 65
recepresettime66	user	Configured time to stay off when issuing a reset for outlet 66
recepresettime67	user	Configured time to stay off when issuing a reset for outlet 67
recepresettime68	user	Configured time to stay off when issuing a reset for outlet 68
recepresettime69	user	Configured time to stay off when issuing a reset for outlet 69

Configuration Item	Group	Description
recepresettime70	user	Configured time to stay off when issuing a reset for outlet 70
recepresettime71	user	Configured time to stay off when issuing a reset for outlet 71
recepresettime72	user	Configured time to stay off when issuing a reset for outlet 72
recepndly1	user	Configured turn-on delay (in seconds) after PDU power up for outlet 1
recepndly2	user	Configured turn-on delay (in seconds) after PDU power up for outlet 2
recepndly3	user	Configured turn-on delay (in seconds) after PDU power up for outlet 3
recepndly4	user	Configured turn-on delay (in seconds) after PDU power up for outlet 4
recepndly5	user	Configured turn-on delay (in seconds) after PDU power up for outlet 5
recepndly6	user	Configured turn-on delay (in seconds) after PDU power up for outlet 6
recepndly7	user	Configured turn-on delay (in seconds) after PDU power up for outlet 7
recepndly8	user	Configured turn-on delay (in seconds) after PDU power up for outlet 8
recepndly9	user	Configured turn-on delay (in seconds) after PDU power up for outlet 9
recepndly10	user	Configured turn-on delay (in seconds) after PDU power up for outlet 10
recepndly11	user	Configured turn-on delay (in seconds) after PDU power up for outlet 11
recepndly12	user	Configured turn-on delay (in seconds) after PDU power up for outlet 12
recepndly13	user	Configured turn-on delay (in seconds) after PDU power up for outlet 13
recepndly14	user	Configured turn-on delay (in seconds) after PDU power up for outlet 14
recepndly15	user	Configured turn-on delay (in seconds) after PDU power up for outlet 15
recepndly16	user	Configured turn-on delay (in seconds) after PDU power up for outlet 16
recepndly17	user	Configured turn-on delay (in seconds) after PDU power up for outlet 17
recepndly18	user	Configured turn-on delay (in seconds) after PDU power up for outlet 18

Configuration Item	Group	Description
recepndly19	user	Configured turn-on delay (in seconds) after PDU power up for outlet 19
recepndly20	user	Configured turn-on delay (in seconds) after PDU power up for outlet 20
recepndly21	user	Configured turn-on delay (in seconds) after PDU power up for outlet 21
recepndly22	user	Configured turn-on delay (in seconds) after PDU power up for outlet 22
recepndly23	user	Configured turn-on delay (in seconds) after PDU power up for outlet 23
recepndly24	user	Configured turn-on delay (in seconds) after PDU power up for outlet 24
recepndly25	user	Configured turn-on delay (in seconds) after PDU power up for outlet 25
recepndly26	user	Configured turn-on delay (in seconds) after PDU power up for outlet 26
recepndly27	user	Configured turn-on delay (in seconds) after PDU power up for outlet 27
recepndly28	user	Configured turn-on delay (in seconds) after PDU power up for outlet 28
recepndly29	user	Configured turn-on delay (in seconds) after PDU power up for outlet 29
recepndly30	user	Configured turn-on delay (in seconds) after PDU power up for outlet 30
recepndly31	user	Configured turn-on delay (in seconds) after PDU power up for outlet 31
recepndly32	user	Configured turn-on delay (in seconds) after PDU power up for outlet 32
recepndly33	user	Configured turn-on delay (in seconds) after PDU power up for outlet 33
recepndly34	user	Configured turn-on delay (in seconds) after PDU power up for outlet 34
recepndly35	user	Configured turn-on delay (in seconds) after PDU power up for outlet 35
recepndly36	user	Configured turn-on delay (in seconds) after PDU power up for outlet 36
recepndly37	user	Configured turn-on delay (in seconds) after PDU power up for outlet 37
recepndly38	user	Configured turn-on delay (in seconds) after PDU power up for outlet 38
recepndly39	user	Configured turn-on delay (in seconds) after PDU power up for outlet 39

Configuration Item	Group	Description
recepondly40	user	Configured turn-on delay (in seconds) after PDU power up for outlet 40
recepondly41	user	Configured turn-on delay (in seconds) after PDU power up for outlet 41
recepondly42	user	Configured turn-on delay (in seconds) after PDU power up for outlet 42
recepondly43	user	Configured turn-on delay (in seconds) after PDU power up for outlet 43
recepondly44	user	Configured turn-on delay (in seconds) after PDU power up for outlet 44
recepondly45	user	Configured turn-on delay (in seconds) after PDU power up for outlet 45
recepondly46	user	Configured turn-on delay (in seconds) after PDU power up for outlet 46
recepondly47	user	Configured turn-on delay (in seconds) after PDU power up for outlet 47
recepondly48	user	Configured turn-on delay (in seconds) after PDU power up for outlet 48
recepondly49	user	Configured turn-on delay (in seconds) after PDU power up for outlet 49
recepondly50	user	Configured turn-on delay (in seconds) after PDU power up for outlet 50
recepondly51	user	Configured turn-on delay (in seconds) after PDU power up for outlet 51
recepondly52	user	Configured turn-on delay (in seconds) after PDU power up for outlet 52
recepondly53	user	Configured turn-on delay (in seconds) after PDU power up for outlet 53
recepondly54	user	Configured turn-on delay (in seconds) after PDU power up for outlet 54
recepondly55	user	Configured turn-on delay (in seconds) after PDU power up for outlet 55
recepondly56	user	Configured turn-on delay (in seconds) after PDU power up for outlet 56
recepondly57	user	Configured turn-on delay (in seconds) after PDU power up for outlet 57
recepondly58	user	Configured turn-on delay (in seconds) after PDU power up for outlet 58
recepondly59	user	Configured turn-on delay (in seconds) after PDU power up for outlet 59
recepondly60	user	Configured turn-on delay (in seconds) after PDU power up for outlet 60

Configuration Item	Group	Description
recepondly61	user	Configured turn-on delay (in seconds) after PDU power up for outlet 61
recepondly62	user	Configured turn-on delay (in seconds) after PDU power up for outlet 62
recepondly63	user	Configured turn-on delay (in seconds) after PDU power up for outlet 63
recepondly64	user	Configured turn-on delay (in seconds) after PDU power up for outlet 64
recepondly65	user	Configured turn-on delay (in seconds) after PDU power up for outlet 65
recepondly66	user	Configured turn-on delay (in seconds) after PDU power up for outlet 66
recepondly67	user	Configured turn-on delay (in seconds) after PDU power up for outlet 67
recepondly68	user	Configured turn-on delay (in seconds) after PDU power up for outlet 68
recepondly69	user	Configured turn-on delay (in seconds) after PDU power up for outlet 69
recepondly70	user	Configured turn-on delay (in seconds) after PDU power up for outlet 70
recepondly71	user	Configured turn-on delay (in seconds) after PDU power up for outlet 71
recepondly72	user	Configured turn-on delay (in seconds) after PDU power up for outlet 72
probenam1	user	Configured sensor name for probe 1
probenam2	user	Configured sensor name for probe 2
probelow1	user	Minimum sensor value before raising a critical alarm for sensor 1
probelow2	user	Minimum sensor value before raising a critical alarm for sensor 2
probelow3	user	Minimum sensor value before raising a critical alarm for sensor 3
probelow4	user	Minimum sensor value before raising a critical alarm for sensor 4
probewarnlow1	user	Minimum sensor value before raising a warning alarm for sensor 1
probewarnlow2	user	Minimum sensor value before raising a warning alarm for sensor 2
probewarnlow3	user	Minimum sensor value before raising a warning alarm for sensor 3
probewarnlow4	user	Minimum sensor value before raising a warning alarm for sensor 4

Configuration Item	Group	Description
probewarnhi1	user	Maximum sensor value before raising a warning alarm for sensor 1
probewarnhi2	user	Maximum sensor value before raising a warning alarm for sensor 2
probewarnhi3	user	Maximum sensor value before raising a warning alarm for sensor 3
probewarnhi4	user	Maximum sensor value before raising a warning alarm for sensor 4
probehi1	user	Maximum sensor value before raising a critical alarm for sensor 1
probehi2	user	Maximum sensor value before raising a critical alarm for sensor 2
probehi3	user	Maximum sensor value before raising a critical alarm for sensor 3
probehi4	user	Maximum sensor value before raising a critical alarm for sensor 4
groupname1	user	Configured name of the outlet group for group1
groupname2	user	Configured name of the outlet group for group2
groupname3	user	Configured name of the outlet group for group3
groupname4	user	Configured name of the outlet group for group4
groupname5	user	Configured name of the outlet group for group5
groupname6	user	Configured name of the outlet group for group6
groupname7	user	Configured name of the outlet group for group7
groupname8	user	Configured name of the outlet group for group8
groupname9	user	Configured name of the outlet group for group9
groupname10	user	Configured name of the outlet group for group10
groupname11	user	Configured name of the outlet group for group11
groupname12	user	Configured name of the outlet group for group12
groupname13	user	Configured name of the outlet group for group13

Configuration Item	Group	Description
groupname14	user	Configured name of the outlet group for group14
groupname15	user	Configured name of the outlet group for group15
groupname16	user	Configured name of the outlet group for group16