

SIEMENS



SIPROTEC 5 Compact WebUI - Operating, inspection, and commissioning

APN – C.004

7.1 General

Apart from the use of an engineering tool such as DIGSI 5 or SICAM TOOLBOX II for configuration and maintenance, SIPROTEC 5 devices provide a Web front end that can be used with a standard Web browser. The **browser-based user interface** is a comprehensive commissioning and monitoring tool that provides an easy-to-understand display of the most important measured data. You can operate the device remotely or locally using the **browser-based user interface** and a Web browser.

The **browser-based user interface** can be used via a communication network:

- During commissioning
 - Checking and adjusting the values of a specific setting
 - Comparing the values of 2 or more devices
 - Checking a setting value against a user-defined setting to verify whether the setting value differs from the default value specified by Siemens
- During an inspection
 - Querying a value in order to adjust a test case, for example to preset the tripping current
 - Viewing all types of measured values, for example functional measured values and derived values such as the minimum/maximum and mean values
 - Displaying the deviation of the expected measured-value quality.
- While operating the device

The **browser-based user interface** is especially optimized for the protection system and provides comprehensive support during testing and commissioning from the PC or laptop computer.

All relevant device information and setting options are displayed graphically on the screen.

7.2 Operation

If you are familiar with the structure of the settings in DIGSI 5 and on-site operation, you can navigate through the same structure (for example function groups, function blocks, and the diagram on the on-site operation panel) using the **browser-based user interface**.

The PC that you wish to use to operate the SIPROTEC 5 device must be connected to the device via a network cable. The PC and the SIPROTEC 5 device must be switched on.

Before you operate the device using a Web browser, you first have to check the security settings. With the security settings, you restrict the access rights for Web access (Port J and Ethernet communication module). You can define the security settings in DIGSI in the project tree under **Security** → **Network access security**.

You can assign the following access rights:

- No access:
This interface does not allow access to the device.
- Read-only access:
This interface only allows read access to the device.
- Read/write access (default setting):
This interface allows read and write access to the device.

To operate the device via the **browser-based user interface**, proceed as follows:

- Connect the SIPROTEC 5 device (for example Port J) to your PC using a network cable.



NOTE

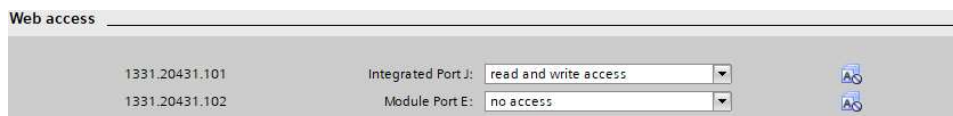
If the device has an Ethernet communication module, you can also use the ports E, F, N, or P, or you can access the device via the USB interface.



NOTE

To access the device via the USB interface, use the following IP address: 192.168.2.1.

In order to access the device via the integrated Port J, define the following setting of the access under **Network access security** in DIGSI:



[sc_webaccess, 2, en_US]

Figure 7-1 Security Setting in DIGSI



NOTE

Note the IP address and the port number of the interface used for communication between the PC and the **browser-based user interface**. Make sure that the 12-digit IP address for the Web browser has been correctly set using the format *****.***.***.***** via DIGSI.



NOTE

For the selection of the Web browser, consider that the Internet Explorer is not supported.

- Launch the Web browser on your PC.
- Enter the IP address of the device in the address line of the Web browser, followed by the port number 4443, for example `https://172.16.60.60:4443`, and confirm the entry using the ENTER key.



NOTE

You may operate the SIPROTEC 5 device using DIGSI 5 and using the **browser-based user interface** in parallel.



NOTE

Some Web browsers may have problems connecting to the specified IP address of the device; in this case, delete the associated certificate in the Web browser.

Depending on the security configuration of the SIPROTEC 5 device, the following log-on dialogs are available:

- Variant 1:
If you allocated a connection password in DIGSI 5 under **Operations safety and access control**, the login dialog starts with the non-editable user name **Siprotec 5**. You must enter the connection password configured in DIGSI as the password.
- Variant 2:
If you have configured the role-based access control (RBAC) in DIGSI 5 under **Operations safety and access control**, the login dialog starts with the request of the user name and password that you configured on the RADIUS server.
- Variant 3:
If you have configured neither the role-based access control nor the connection password, the login dialog starts with the non-editable user name **Siprotec 5**. The text box for the password must remain empty.

Once the Web browser is successfully connected to the device, the following login dialog (for Variant 2) will appear, for example:



[scwebmonitor, 1, en_US]

Figure 7-2 Login Dialog for the Browser-Based User Interface

- Enter the user name in the text box **User name**.
- Click into the text box **Password** and enter the password.
- Select a language.



NOTE

If role-based access control (RBAC) is active, access is possible only after a successful user name and password authentication check.

You can find more information on this in the **Security Manual**.



NOTE

The language selection depends on the language set for the user interface of the device.

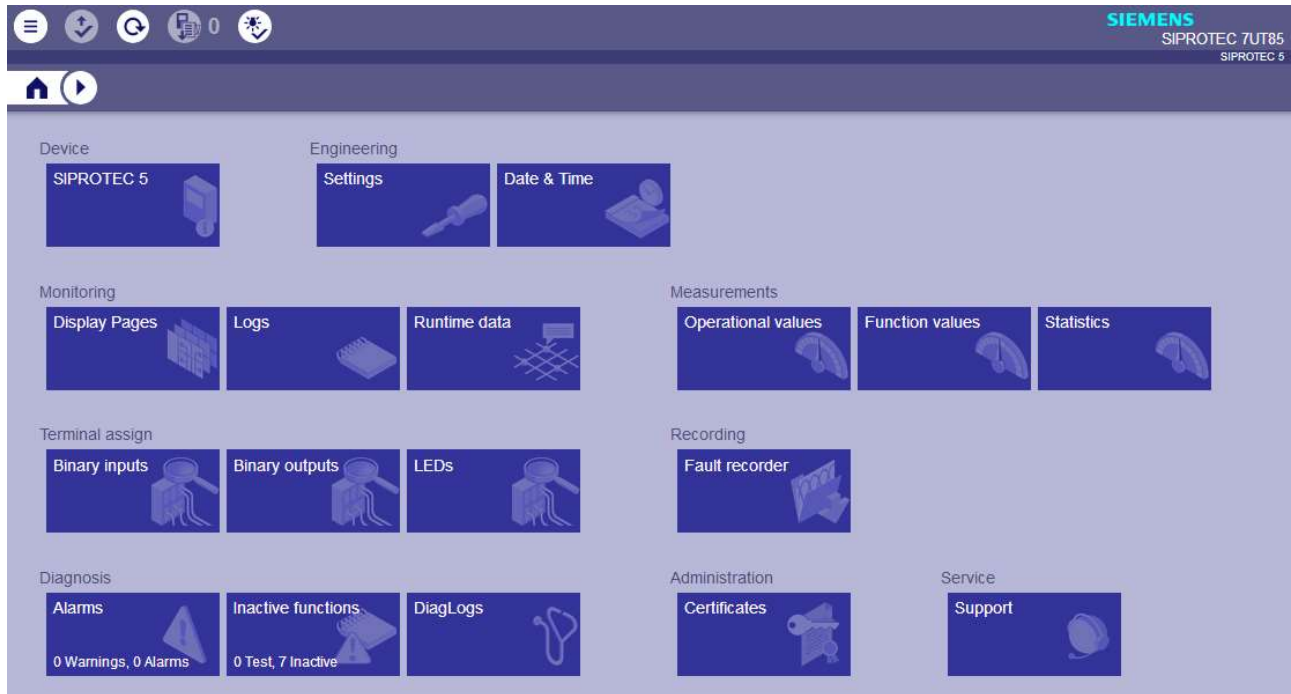
- Click the button with the checkmark.



[scwebmonitor_enter, 1, --]

Figure 7-3 Confirmation Button

After a successful login, the following buttons are available:



[scwebmonitor1, 5, en_US]

Figure 7-4 Buttons for the Browser-Based User Interface

You can view the corresponding sections, or you can edit them by clicking the individual buttons.

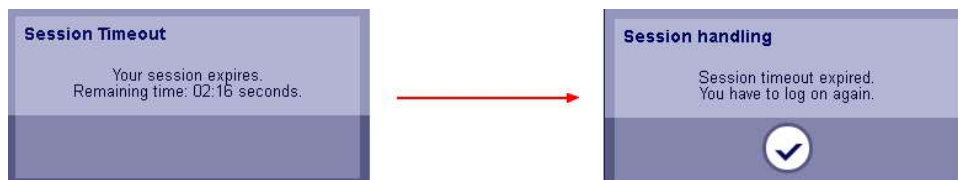
Timeout



NOTE

If you do not perform any action on the **browser-based user interface** within a defined time range, the Web browser disconnects from the device.

The following messages appear:



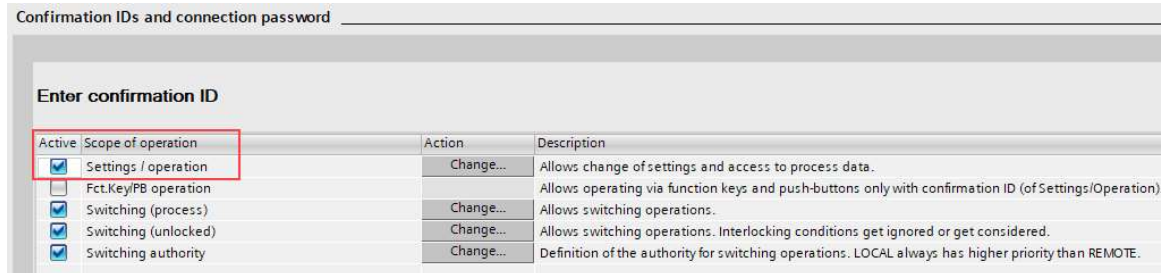
[scwebmonitor14, 1, en_US]

Figure 7-5 Time-Out

After a certain time has elapsed, you must log on to the device again using the Web browser (see [Figure 7-5](#)).

Confirmation ID

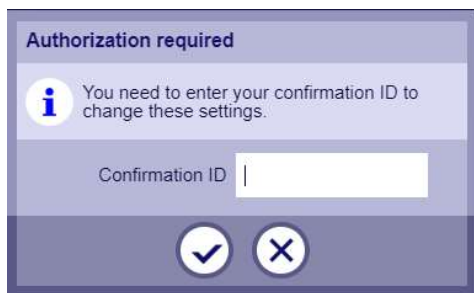
You can activate the confirmation ID for editing device settings in DIGSI 5 under **Operational safety and access control**. This is queried once, before the first changes are made to the device settings in the **browser-based user interface**.



[saccesscontr, 1, en_US]

Figure 7-6 Activation of the Confirmation ID

If you have secured the changing of settings by a confirmation ID, the following dialog appears when a setting is changed:



[sconfid, 1, _-]









Figure 7-7 Query for the Confirmation ID

After entering the confirmation ID, the changed setting is adopted.

Other Buttons

Table 7-1 Overview of Buttons

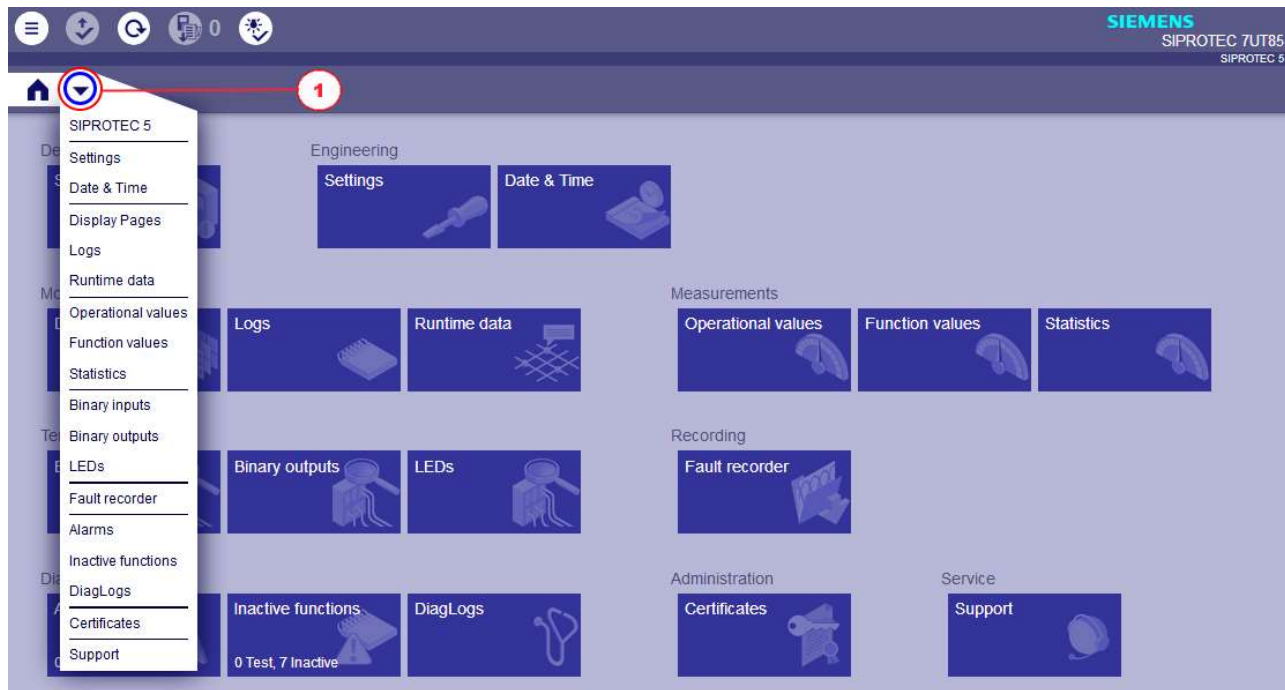
| Button | Meaning |
|--------|---|
| | Use this button to log off (logout). |
| | Use this button to adopt the changed parameter and save in the device. |
| | Use this button to refresh the displayed page. |
| | If you change device settings, read fault records, and perform other write-access operations via the Web browser, you can check the result using this button. You can leave the displayed list by clicking this button again. |
| | Use these buttons to filter the displayed list or to delete the entire list. |

| Button | Meaning |
|--|---|
|  | Use this button to control an LED reset. |
|  | Use this button to access the home screen and the list box. |
|  | Use this button to start generating a fault record. |
|  | Use this button to start an export (for example, for operational indications). |
|  | Use this button to pause data transmission. |
| Primary  | Use these buttons to switch the measured values and statistical values to primary, secondary, or percentage values. |
| Secondary  | |
| Percentage  | |

Structure of the User Interface

You can navigate via the displayed buttons or via the list box, as required.

Using the buttons or the list box, you can change the settings of the connected device, check them, or retrieve and export information.



[scnaviwebmon, 4, en_US]

Figure 7-8 Overview of Buttons

- (1) Open the list box

7.3 Schaltflächen

7.3.1 General

The buttons and submenus of the **browser-based user interface** are described using the example of a **transformer protection device**.



NOTE

Depending on the device variant, different buttons and submenus are available for the **browser-based user interface**.

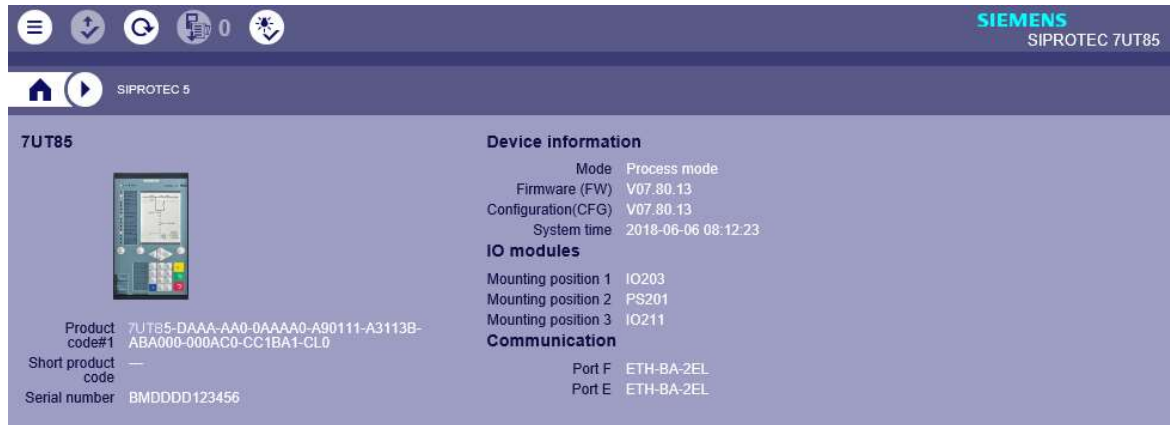
7.3.2 Device



[scwebmonitorGK, 1, en_US]

Figure 7-9 SIPROTEC 5 Button

Device information such as the product code, the firmware version of the device, or the current operating mode of the device are displayed using the **SIPROTEC 5** button.



[scwebmonitor2, 2, en_US]

Figure 7-10 Device Information

7.3.3 Engineering



[scwebmonitorEK, 2, en_US]

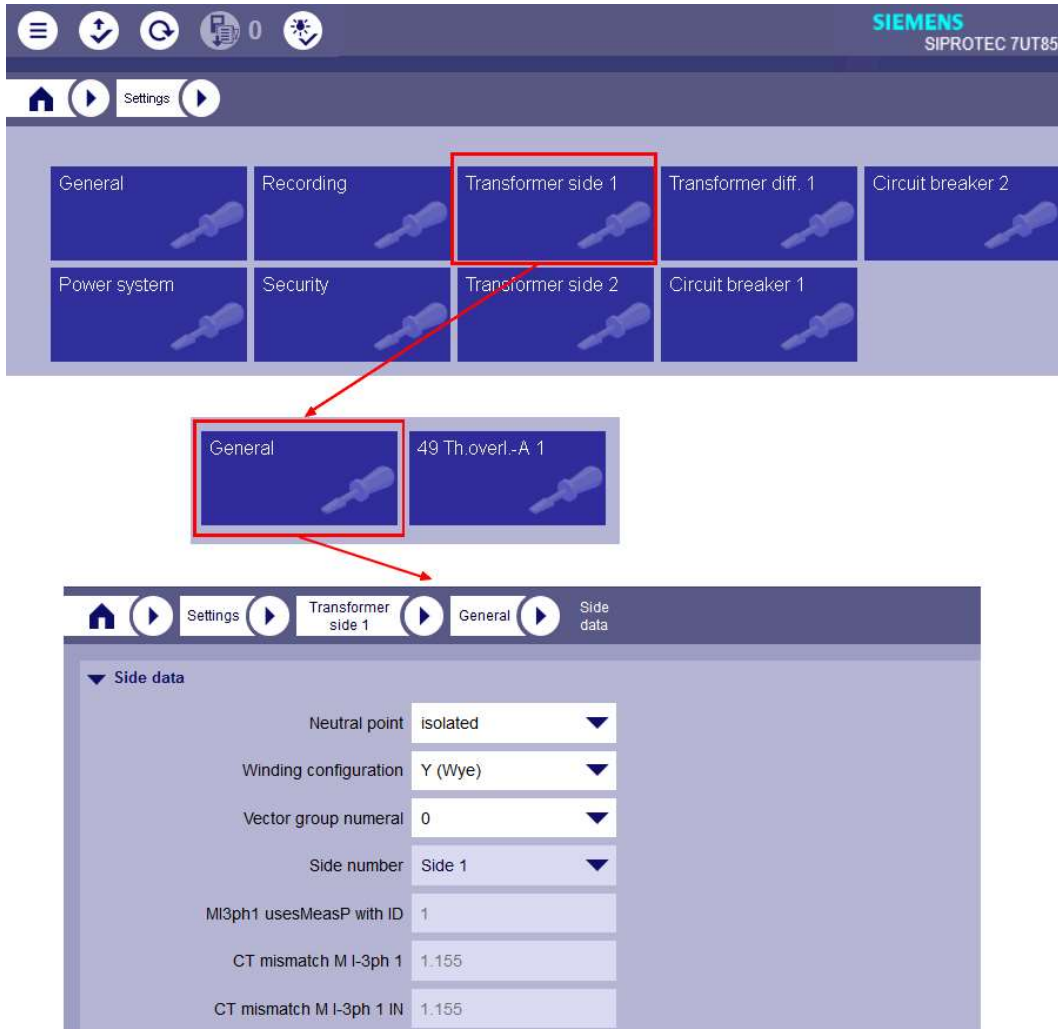
Figure 7-11 Engineering Buttons

2 buttons are available:

- **Settings:**

An overview of the function groups is displayed using the **Settings** button.

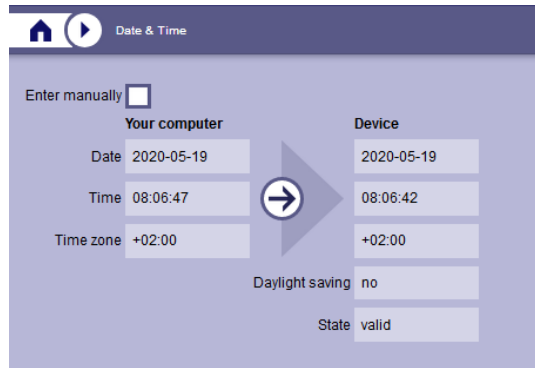
The settings of a function group are displayed and can be edited and saved on the device by clicking the appropriate button. You can find a detailed description, with examples in chapter [7.4.1 General](#).



[scwebmonitor19, 3, en_US]

Figure 7-12 Displaying and Editing Settings

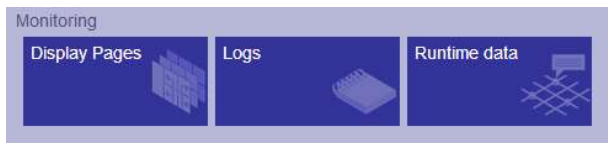
- **Date & time:**
You can adjust date & time using the **Date & time** button.



[scwebmondati, 1, en_US]

Figure 7-13 Setting Date and Time

7.3.4 Monitoring



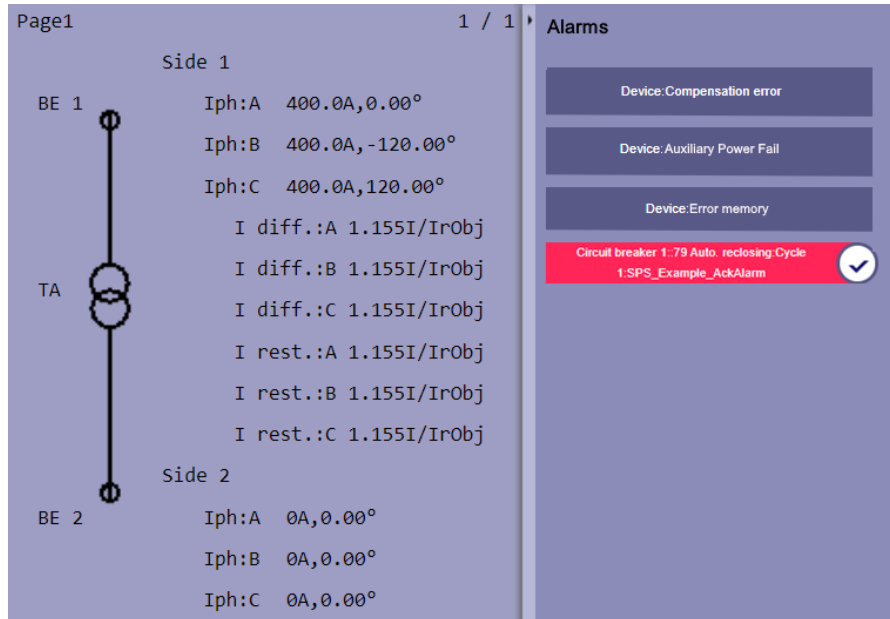
[scwebmonitorUK, 2, en_US]

Figure 7-14 Monitoring Buttons

3 buttons are available:

- **Display pages:**

The current single-line diagram of the device, that you have configured in DIGSI under **Display Pages** is displayed using the **Display pages** button. You can select the pages individually, as on the SIPROTEC 5 device. The displayed values are constantly updated and cannot be changed. Alarms classified as alarms which can be acknowledged are shown in the right section of the display.



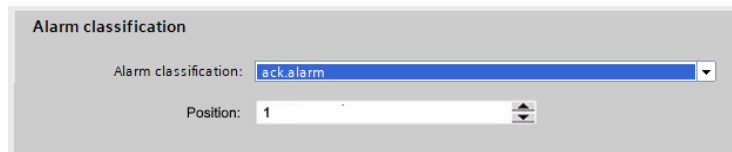
[scwebmonsildi, 2, en_US]

Figure 7-15 Diagram and Alarm Representation

Alarms:

You can classify user-defined signals, SPS signals, and failure indication of the type ENS from the function blocks **Alarm handling** and **Device** as an alarm in the information routing. You can select a status as an alarm via the properties of the user-defined signal or SPS signal. The following **Alarm classifications** are available:

- Warning
- Alarm
- Acknowledgeable alarm



[scwebmonalarmclass, 1, en_US]

Figure 7-16 Alarm Classification and Position in DIGSI 5

Via **Position**, you can set the position of the alarm in the alarm log and in the list on the display page. If several alarms use the same position value, then the sequence within the information routing determines their position among each other.

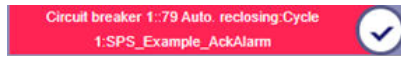
The following list shows the color differentiation of the example alarm indications:

- → Blue: The alarm is inactive.



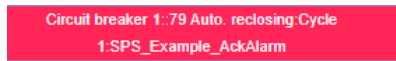
[scalarm_button1, 1, en_US]

- Red with check mark: The alarm is active and has not been acknowledged.



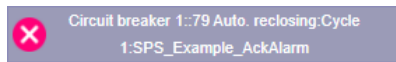
[scalarm_button4, 1, en_US]

- Red: The alarm is active and has already been acknowledged.



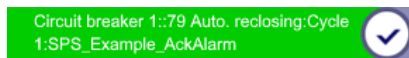
[scalarm_button3, 1, en_US]

- Gray: The alarm is invalid.



[scalarm_button2, 1, en_US]

- Green: The alarm was active previously, is inactive and has not been acknowledged.

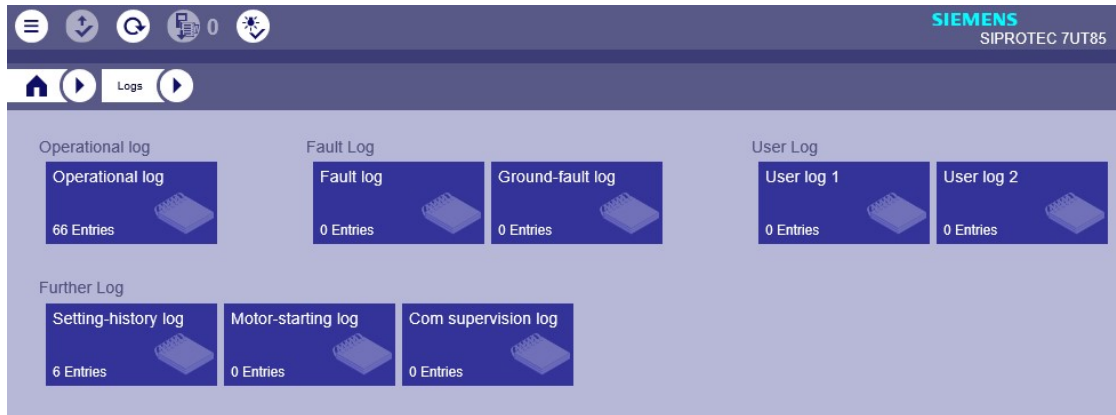


[scalarm_button5, 1, en_US]

For further information, refer to chapter [7.3.8 Diagnosis](#).

- **Logs:**

The logs are displayed using the **Logs** button. You can display the content by clicking the desired log and can download it in CSV format. For more information about the process using examples, refer to chapter [7.4.1 General](#). Depending on the device, the following logs are available:

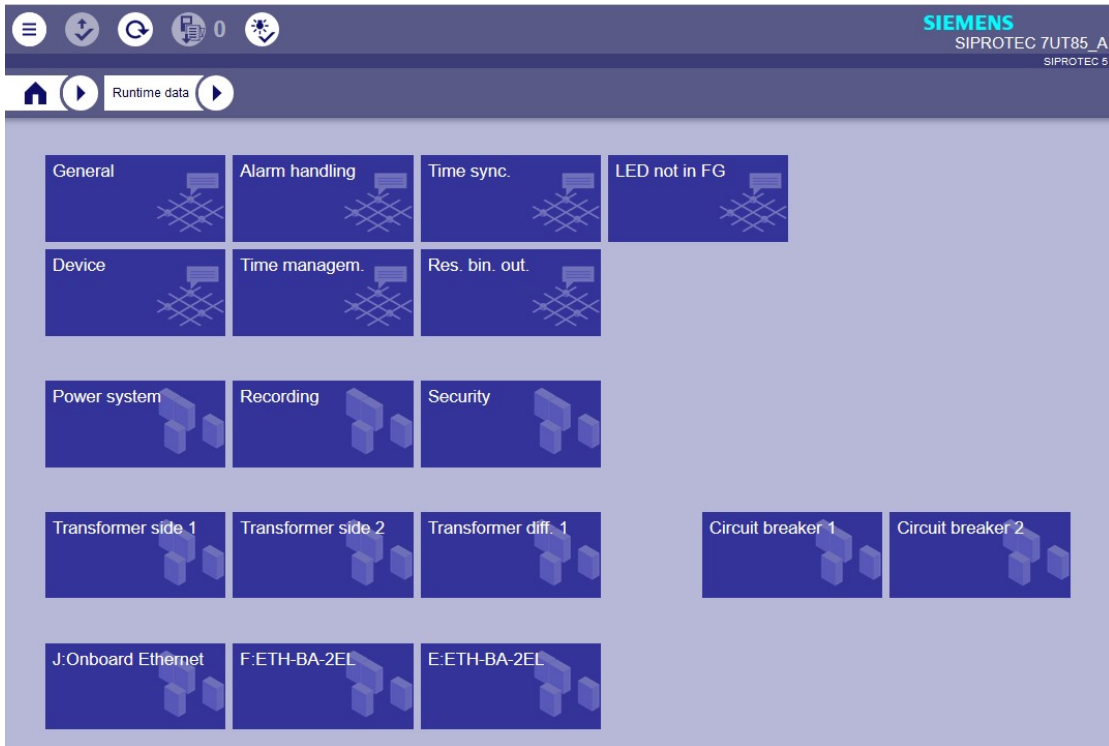


[scwebmonitor3, 2, en_US]

Figure 7-17 Menu of the Logs

- **Runtime data:**

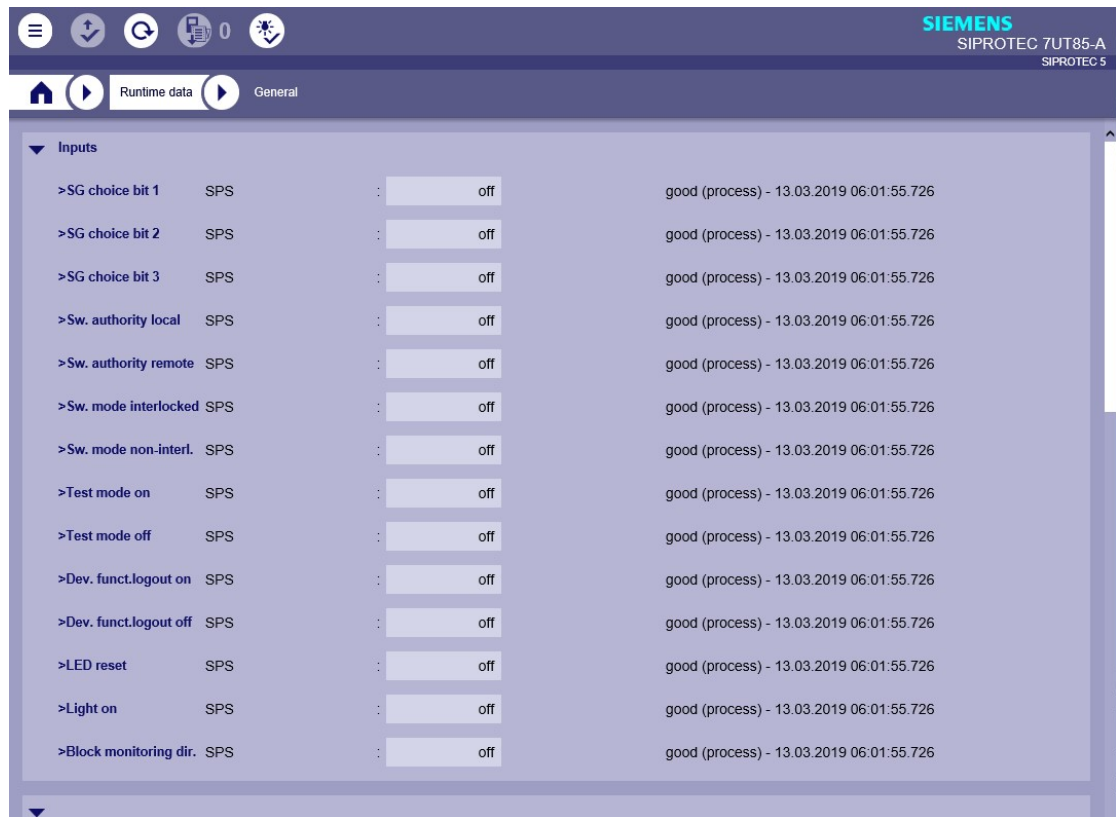
The state of all signals is displayed using the **Runtime data** button. Depending on the device, the following runtime data can be viewed:



[scwebmonitorRD, 1, en_US]

Figure 7-18 Runtime Data Menu

The following figure shows an example of the state and quality of inputs and outputs under the **General** button:



[sclaufzeitzustqual, 1, en_US]

Figure 7-19 State and Quality of Inputs and Outputs

7.3.5 Measured Values



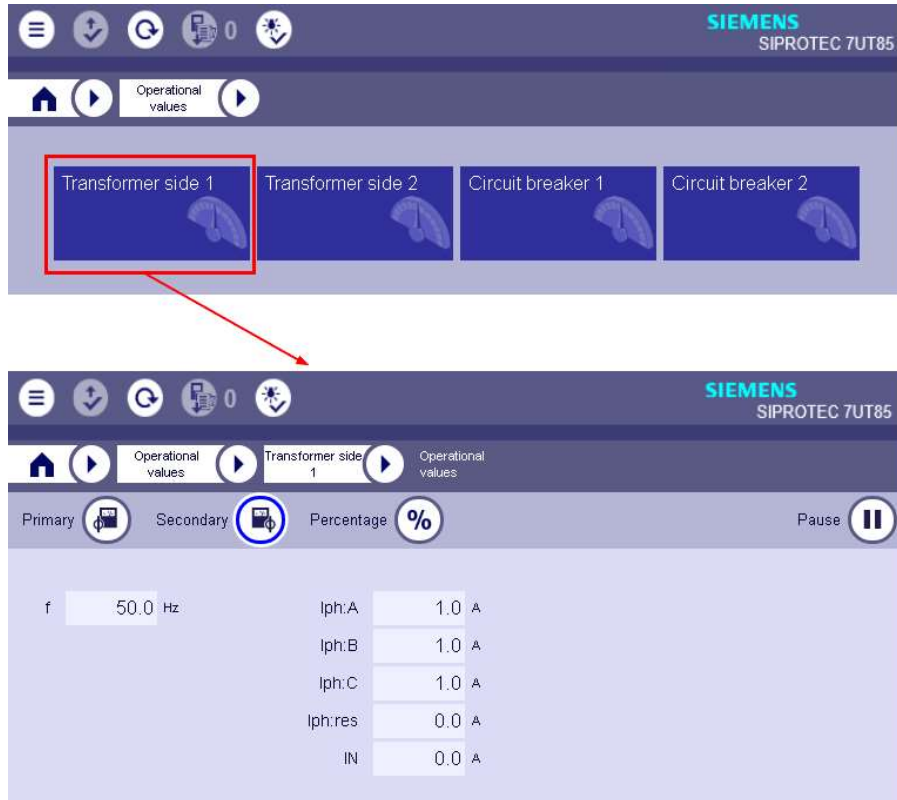
[scwebmonitorMK, 1, en_US]

Figure 7-20 Measurements Buttons

3 buttons are available:

- **Operational values:**

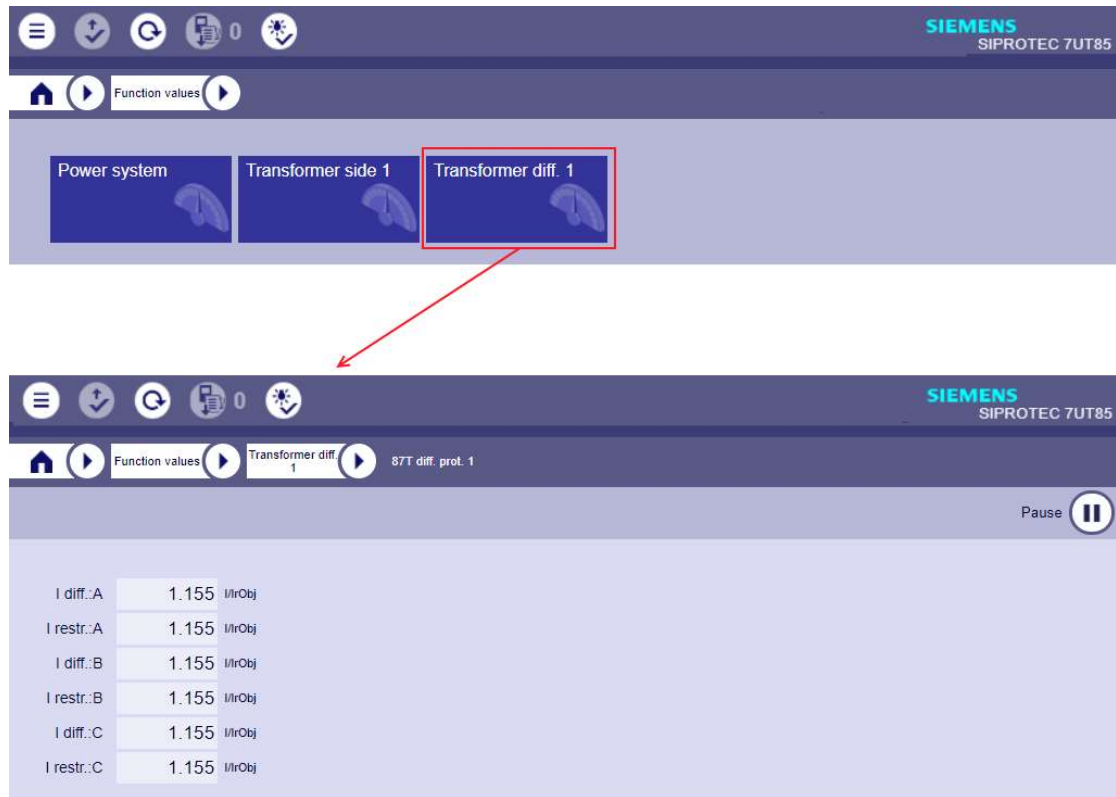
An overview of the function groups can be displayed via the **Operational values** button. The measured values can be displayed by clicking the desired function group. You can find a detailed description with examples in chapter [7.4.1 General](#).



[scwebmonitor15, 2, en_US]

Figure 7-21 Example of Operational Measured Values

- **Function values:**
An overview of the function groups is displayed via the **Function values** button.
The functional measured values can be displayed by clicking the desired function group (see [Figure 7-22](#)).



[scwebmonitor16, 2, en_US]

Figure 7-22 Example of Functional Measured Values

- **Statistics:**

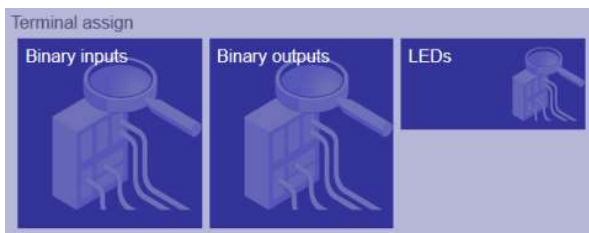
An overview of the function groups providing statistical values is displayed via the **Statistics** button. The statistical values, for example device operating hours, can be displayed by clicking the desired function group (see the following figure).



[scwebmonitor18, 2, en_US]

Figure 7-23 Statistics

7.3.6 Terminal Assignment



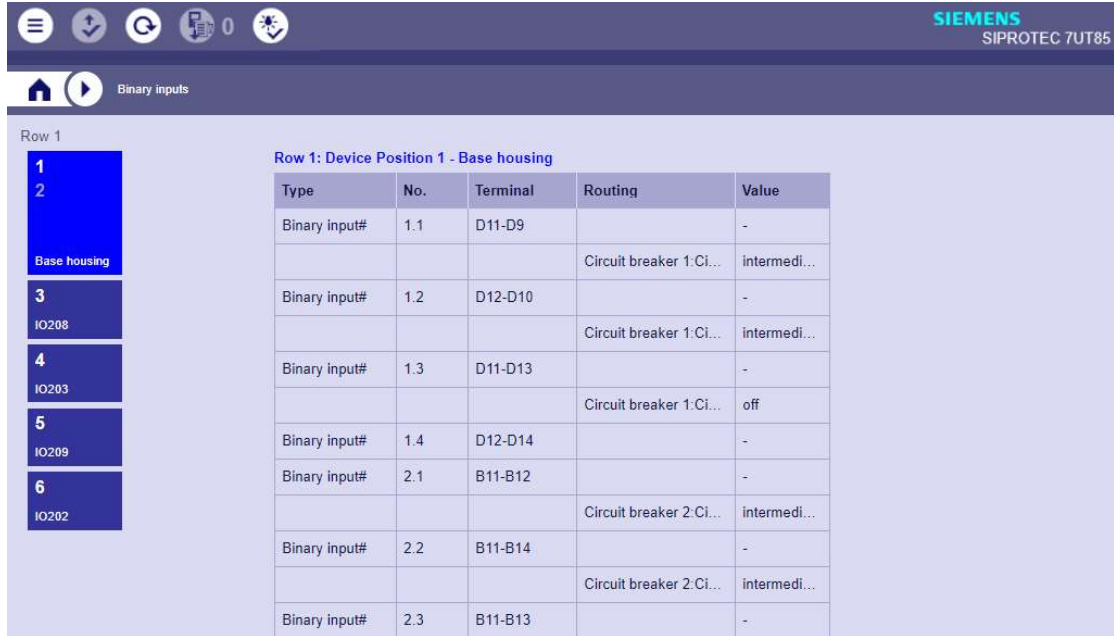
[scwebmonitorKK, 1, en_US]

Figure 7-24 Terminal Assignment Buttons

3 buttons are available:

- **Binary inputs:**

An overview of the connected binary inputs is displayed via the **Binary inputs** button. You can display the assignment of the binary inputs for this module by clicking a button in the left section (for example, base module). You can find a detailed description with examples in chapter [7.4.1 General](#).

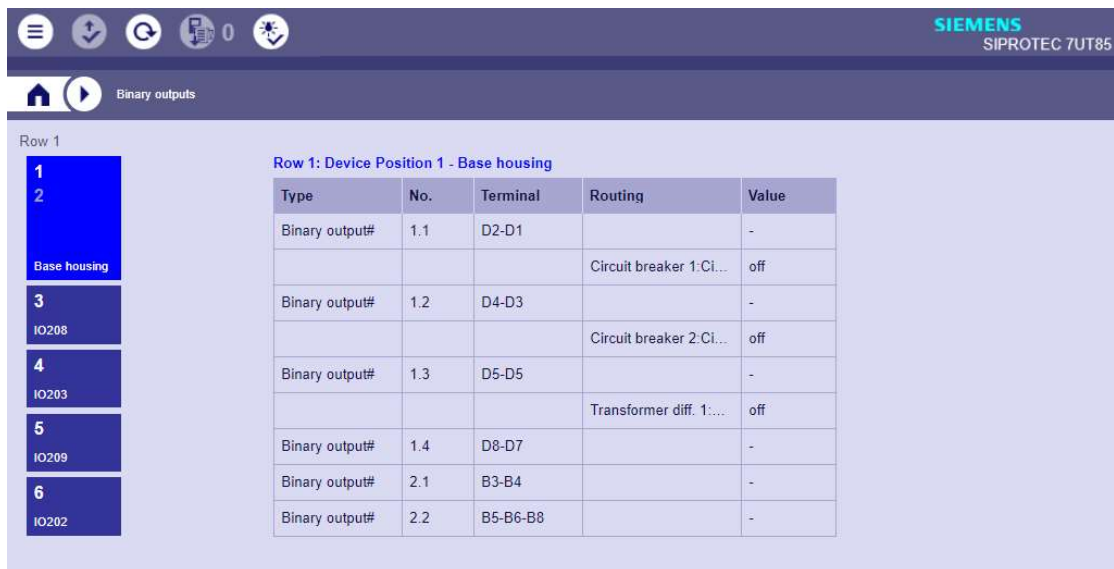


[scwebmonitor108I, 1, en_US]

Figure 7-25 Assignment of Binary Inputs

- **Binary outputs:**

An overview of the connected binary outputs is displayed via the **Binary outputs** button. You can display the assignment of the binary outputs for this module by clicking a button in the left section (for example, base module).



[scwebmonitor108O, 1, en_US]

Figure 7-26 Assignment of Binary Outputs

- LEDs:**
 An overview of the connected LEDs is displayed via the **LEDs** button. You can display the assignment of the LEDs for this module by clicking a button in the left section (for example, base module).



[scwebmonitor10LED, 1, en_US]

Figure 7-27 Assignment of LEDs:

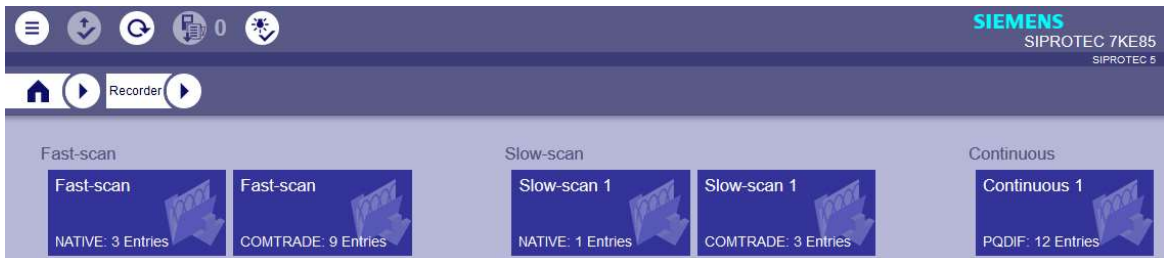
7.3.7 Recording



[scwebmonitor55, 1, en_US]

Figure 7-28 Fault-Recorder Button

The fault records of the standard recorder can be called up via the **Fault recorder** button. Additional datasets are available for the 7KE85 fault recorder (Figure 7-29). You can find a detailed description with examples in chapter 7.4.1 General.



[sc_faultrec-ke, 1, en_US]

Figure 7-29 Additional Buttons on the 7KE85

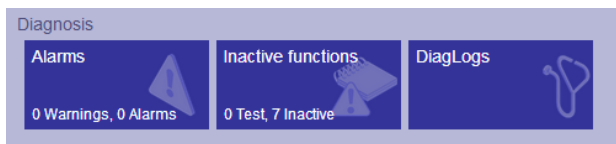
If necessary, you can export the datasets in COMTRADE format, and the extended datasets as native, COMTRADE and PQDIF formats.

| <input type="checkbox"/> | Fault number | File Name | Trigger Date | Trigger Time | State |
|--------------------------|--------------|-----------|--------------|--------------|-------|
| <input type="checkbox"/> | 1 | FRA00001 | 2011-02-26 | 02:15:44.162 | New |
| <input type="checkbox"/> | 2 | FRA00002 | 2011-02-26 | 02:15:47.953 | New |
| <input type="checkbox"/> | 3 | FRA00003 | 2011-02-26 | 02:15:51.602 | New |
| <input type="checkbox"/> | 4 | FRA00004 | 2011-02-26 | 02:15:56.225 | New |
| <input type="checkbox"/> | 5 | FRA00005 | 2011-02-26 | 02:16:00.562 | New |

[scstandardReclI, 1, en_US]

Figure 7-30 Example of a Fault-Record List

7.3.8 Diagnosis



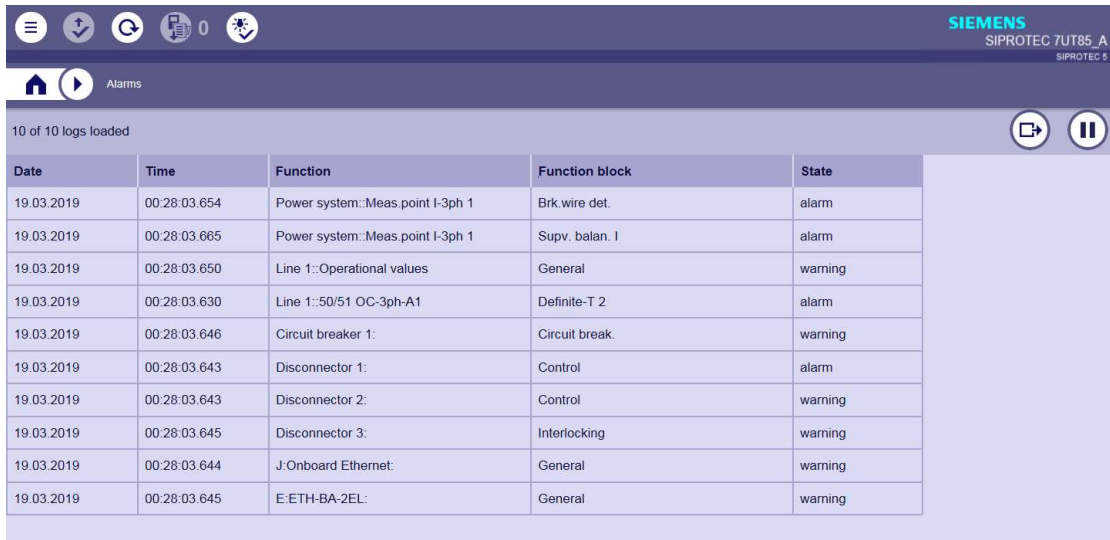
[scwebmonitorDI, 2, en_US]

Figure 7-31 Diagnosis Buttons

3 buttons are available:

- **Alarms:**

The **Alarms** button displays the possible device warnings, alarms, and acknowledgeable alarms in one table:



| Date | Time | Function | Function block | State |
|------------|--------------|----------------------------------|----------------|---------|
| 19.03.2019 | 00:28:03.654 | Power system: Meas.point I-3ph 1 | Brk.wire det. | alarm |
| 19.03.2019 | 00:28:03.665 | Power system: Meas.point I-3ph 1 | Supv. balan. I | alarm |
| 19.03.2019 | 00:28:03.650 | Line 1::Operational values | General | warning |
| 19.03.2019 | 00:28:03.630 | Line 1::50/51 OC-3ph-A1 | Definite-T 2 | alarm |
| 19.03.2019 | 00:28:03.646 | Circuit breaker 1: | Circuit break. | warning |
| 19.03.2019 | 00:28:03.643 | Disconnecter 1: | Control | alarm |
| 19.03.2019 | 00:28:03.643 | Disconnecter 2: | Control | warning |
| 19.03.2019 | 00:28:03.645 | Disconnecter 3: | Interlocking | warning |
| 19.03.2019 | 00:28:03.644 | J:Onboard Ethernet: | General | warning |
| 19.03.2019 | 00:28:03.645 | E:ETH-BA-2EL: | General | warning |

[scAlarmAndWarningList, 1, en_US]

Figure 7-32 Alarm List

You will find more information on this under [7.3.4 Monitoring](#).

- Inactive functions:**

The **Inactive functions** button displays the functions that are inactive or switched to test, depending on the device:

| Date | Time | Function | Function block | State |
|------------|--------------|---------------------------------------|----------------|---------------------|
| 19.03.2019 | 00:28:03.660 | | General | Protection inactive |
| 19.03.2019 | 00:28:03.654 | Power system::Meas.point I-3ph 1 | Brk.wire det. | Inactive |
| 19.03.2019 | 00:28:03.665 | Power system::Meas.point I-3ph 1 | Supv. balan. I | Inactive |
| 19.03.2019 | 00:28:03.665 | Power system::Meas.point I-3ph 1 | Supv. ph.seq.I | Inactive |
| 19.03.2019 | 00:28:03.665 | Power system::Meas.point I-3ph 1 | Supv. sum I | Inactive |
| 19.03.2019 | 00:28:03.665 | Power system::Meas.point V-3ph 1 | Supv. balan. V | Inactive |
| 19.03.2019 | 00:28:03.665 | Power system::Meas.point V-3ph 1 | Supv. ph.seq.V | Inactive |
| 19.03.2019 | 00:28:03.665 | Power system::Meas.point V-3ph 1 | Supv. sum V | Inactive |
| 19.03.2019 | 00:28:03.633 | Line 1::External trip 1 | Stage 1 | Inactive |
| 19.03.2019 | 00:28:03.634 | Line 1::59 Overvolt.-3ph 1 | Definite-T 1 | Inactive |
| 19.03.2019 | 00:28:03.634 | Line 1::59 Overvolt.-3ph 1 | Definite-T 2 | Inactive |
| 19.03.2019 | 00:28:03.630 | Line 1::50/51 OC-3ph-A1 | Definite-T 1 | Inactive |
| 19.03.2019 | 00:28:03.630 | Line 1::50/51 OC-3ph-A1 | Definite-T 2 | Inactive |
| 19.03.2019 | 00:28:03.630 | Line 1::50/51 OC-3ph-A1 | Inverse-T 1 | Inactive |
| 19.03.2019 | 00:28:03.630 | Line 1::21 Distance prot. 1 | General | Inactive |
| 19.03.2019 | 00:28:03.627 | Line 1::21 Distance prot. 1 | Z 1 | Inactive |
| 19.03.2019 | 00:28:03.627 | Line 1::21 Distance prot. 1 | Z 2 | Inactive |
| 19.03.2019 | 00:28:03.627 | Line 1::21 Distance prot. 1 | Z 3 | Inactive |
| 19.03.2019 | 00:28:03.627 | Line 1::21 Distance prot. 1 | Z 4 | Inactive |
| 19.03.2019 | 00:28:03.640 | Circuit breaker 1::79 Auto. reclosing | General | Inactive |

[sdinactiveFunctionsList, 1, en_US]

Figure 7-33 List of Inactive Functions

- DiagLogs:**

You can display the device-diagnosis log using the **DiagLogs** button:

| Date | Time | Message Number | Severity | Indication |
|------------|--------------|----------------|----------|---|
| 18.05.2020 | 11:40:23.385 | 2112 | Common | The startup of the device was successful. |
| 18.05.2020 | 11:40:08.829 | 8307 | Common | Firmware-version failure: 1) Update the... |
| 18.05.2020 | 11:36:37.157 | 8266 | Common | Internal firmware failure: If the failure re... |
| 02.04.2020 | 14:57:54.585 | 2112 | Common | The startup of the device was successful. |
| 02.04.2020 | 14:57:15.509 | 8266 | Common | Internal firmware failure: If the failure re... |
| 02.04.2020 | 14:51:53.454 | 2112 | Common | The startup of the device was successful. |

[scdevdialog, 2, en_US]

Figure 7-34 Device-Diagnosis Log

7.3.9 Administration



[scwebmonitorVW, 2, en_US]

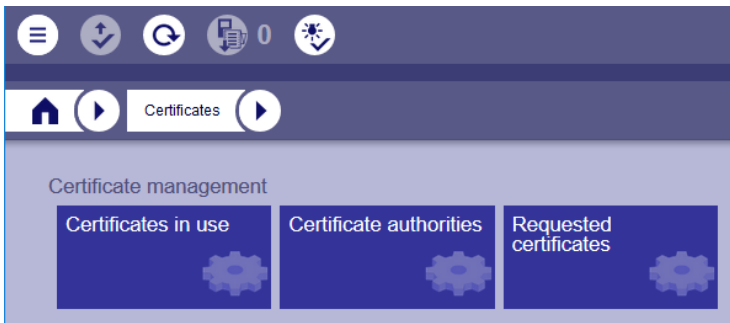
Figure 7-35 Certificate Buttons



NOTE

You can find more information on this in chapter 6 of the Security manual (C53000-H5040-C081).

If you want to configure a certificate, you can switch to the certificate management using the **Certificates** button.



[scwebmonitorZV, 1, en_US]

Figure 7-36 Certificate Management Buttons

3 buttons are available:

- **Certificates in use:**

You can check which communication area a certificate is being used for using the **Certificates in Use** button. In this case, you also have the option of loading another certificate to the device or deleting an existing one.



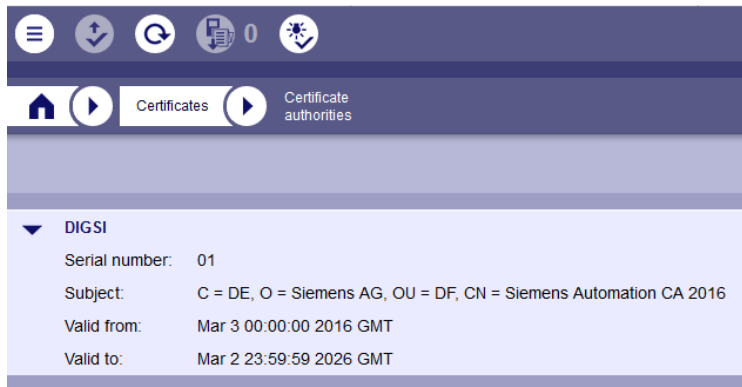
[scwebmonitorZE, 1, en_US]

Figure 7-37 Selecting a Certificate

- (1) Loading a certificate to the device
- (2) Current certificate data, for example DIGSI: Integrated port J
- (3) Deleting the certificate

- **Certificate Authorities**

You can display the imported certificates that you have loaded into the device using the **Certificate authorities** button.



[scwebmonitorZS, 1, en_US]

Figure 7-38 Certificate Authorities

- **Requested Certificates**

Using the **Requested Certificates** button, you can display the certificate currently being used in the device, for example, DIGSI: Integrated port J, and then export it.

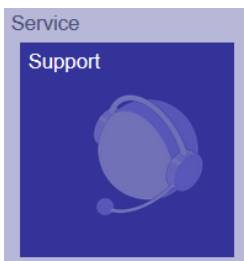


[scwebmonitorZA, 1, en_US]

Figure 7-39 Requested Certificates

- (1) Current certificate, for example, DIGSI: Integrated port J
- (2) Exporting the certificate

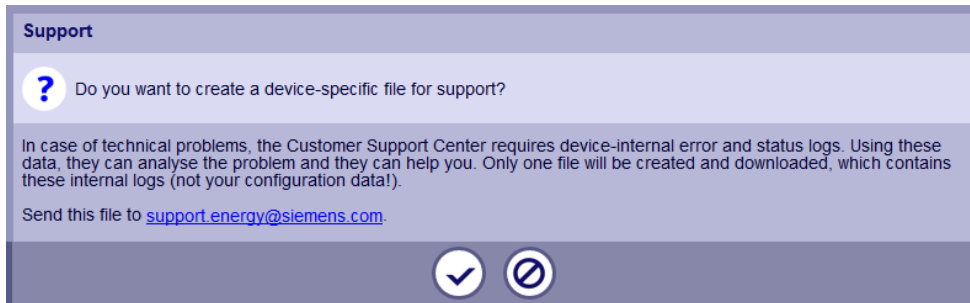
7.3.10 Service



[scwebmonitorSV, 1, en_US]

Figure 7-40 Support Button

If the device has a technical problem, you can use the **Support** button to generate a dataset. This dataset contains only data from the internal device error buffers and no configuration data. If necessary, you can provide the dataset to the Customer Support Center.



[scsupportservice, 1, en_US]

Figure 7-41 Support Data

7.4 Beispiele

7.4.1 General

To illustrate working with the **browser-based user interface**, the procedure is shown using the following 2 examples:

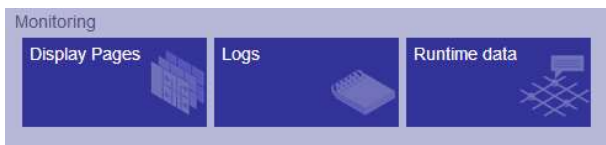
- Reading and exporting operational indications from the device
- Changing the settings of a function group and saving them in the device

There must be a communication connection between the PC and the device. You can find more information about device login in chapter [7.2 Operation](#).

7.4.2 Example 1: Reading out Operational Indications

The operational log of the device shall be read out and subsequently exported via the **browser-based user interface**.

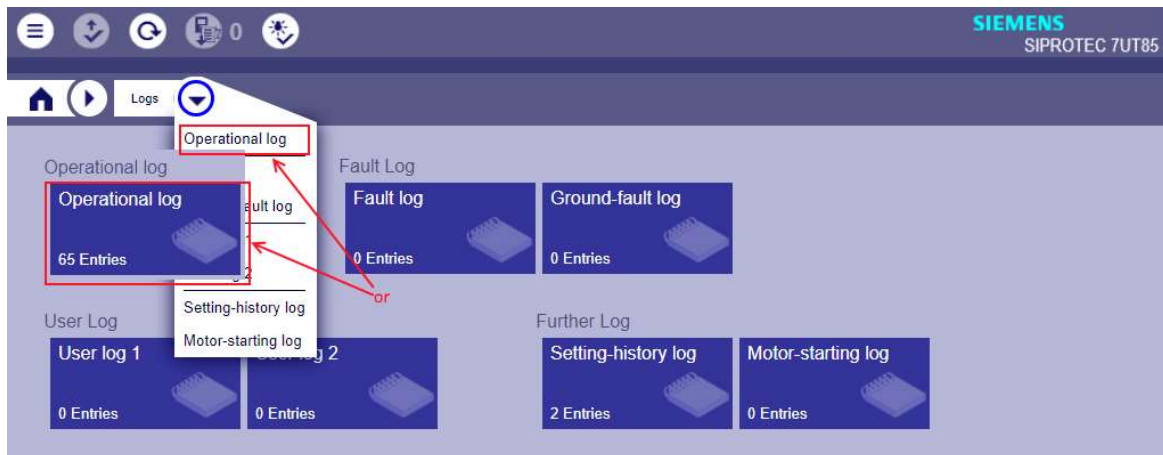
- ◇ Log on to the device via a Web browser.
- ◇ Select the **Logs** button from the **Monitoring** menu.



[scwebmonitorUK, 2, en_US]

Figure 7-42 Logs Button

- ◇ Select the **Operational log** item in the list box or the **Operational log** button.



[scwebmonitor11, 2, en_US]

Figure 7-43 Reading the Operational Log

The operational indications of the device are shown in a table.

| Date | Time | Functions structure | Name | Value |
|------------|--------------|-------------------------------|--------------------------------|------------------|
| 09.04.2018 | 09:38:09.978 | E:ETH-BA-2EL:Channel 1 | Line Mode:Redund. Channel Live | on |
| 09.04.2018 | 09:38:09.947 | E:ETH-BA-2EL:Channel 1 | Line Mode:Channel Live | on |
| 09.04.2018 | 09:38:07.765 | Circuit breaker 1 | Control:Cmd. with feedback | SPN intermediate |
| 09.04.2018 | 09:38:07.765 | Circuit breaker 2 | Control:Cmd. with feedback | SPN intermediate |
| 09.04.2018 | 09:38:07.765 | Circuit breaker 2 | Circuit break.:Position | SPN intermediate |
| 09.04.2018 | 09:38:07.765 | Circuit breaker 1 | Circuit break.:Position | SPN intermediate |
| 09.04.2018 | 09:38:07.760 | Recording | Grnd -flt log:Fault number | 0 |
| 09.04.2018 | 09:38:07.760 | Recording:Fault recorder | Control:Clear memory | false |
| 09.04.2018 | 09:38:07.760 | Recording:Fault recorder | Control:Reset memory | false |
| 09.04.2018 | 09:38:07.760 | Recording:Fault recorder | Control:Start record | false |
| 09.04.2018 | 09:38:07.760 | General:Protection inactive | | on |
| 09.04.2018 | 09:38:07.760 | Device:Device startup | | off |
| 09.04.2018 | 09:38:07.760 | General:Active settings group | | 1 |

[scwebmonitor4, 2, en_US]

Figure 7-44 Operational Indications

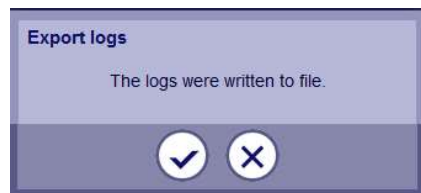
✧ To export the content of the operational log, select the following button:



[scwmbutton12_solo, 1, --_]

Figure 7-45 Dataset Export

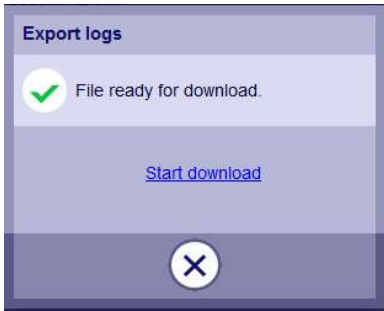
✧ Confirm the write operation by clicking the tick.



[scexport3, 1, en_US]

Figure 7-46 Confirmation Dialog

✧ Start to export the operational-log content by clicking the **Start download** link.



[scexport1, 1, en_US]

Figure 7-47 Export of the Operational-Log Content

- ✧ In the following dialog, select whether you wish to open or save the exported data. Once you have saved it, the content of the operational log is available outside the device.

7.4.3 Example 2: Changing Settings

In this example, the **vector group number** in the function group **Transformer page** is changed using the **browser-based user interface**.

- ✧ Log on to the device via a Web browser.
- ✧ In the **Engineering** menu, select the **Settings** button.



[scwebmonitorEK, 2, en_US]

Figure 7-48 Settings Button

- ✧ Click the buttons **Transformer side 1** → **General** → **Side data** one after the other.



NOTE

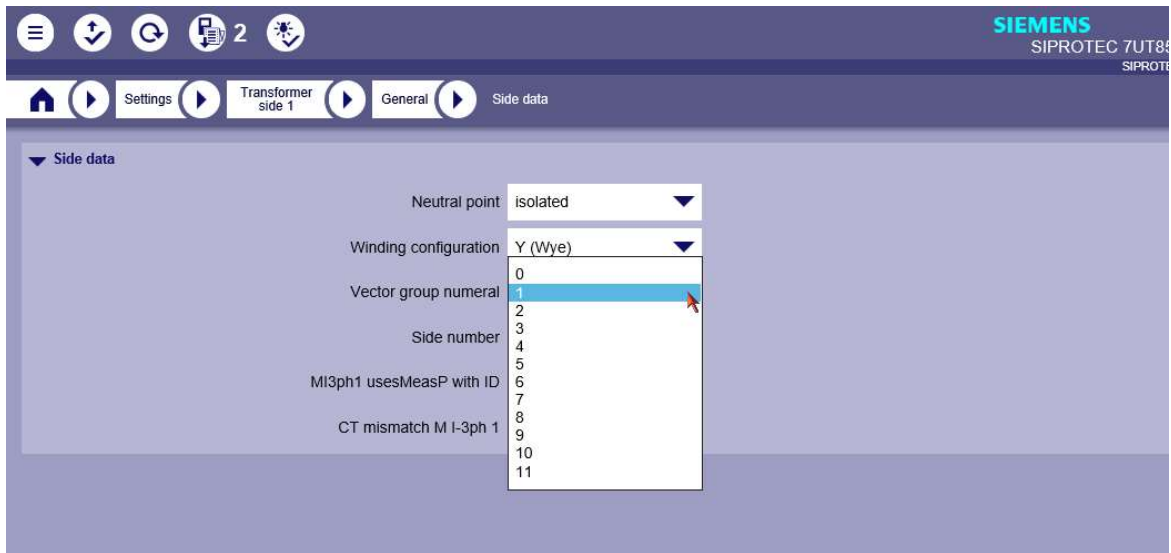
You can also select the individual menu items via the list box.



[sctransf4_kompl, 1, en_US]

Figure 7-49 Function-Group Buttons

- ✧ In the selection dialog, select the new vector-group number.

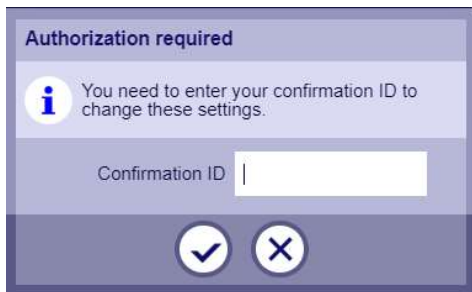


[sseiteinda, 1, en_US]

Figure 7-50 Changing the Vector-Group Number

If you have activated the entry of a confirmation ID, proceed as follows:

- ✧ Enter the confirmation ID in the dialog.



[sconfid, 1, --]

Figure 7-51 Confirmation ID Dialog

- ✧ Confirm the entry by clicking the tick.
- ✧ Then, transmit the change to the device by clicking the tick in the upper menu area.



[scapplychange, 1, --]

Figure 7-52 Apply Changes

The change is applied and saved in the device.

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(<http://www.openssl.org>)

This product includes cryptographic software
written by Eric Young (ey@cryptsoft.com)

This product includes software written
by Tim Hudson (tjh@cryptsoft.com)

This product includes software developed
by Bodo Moeller.