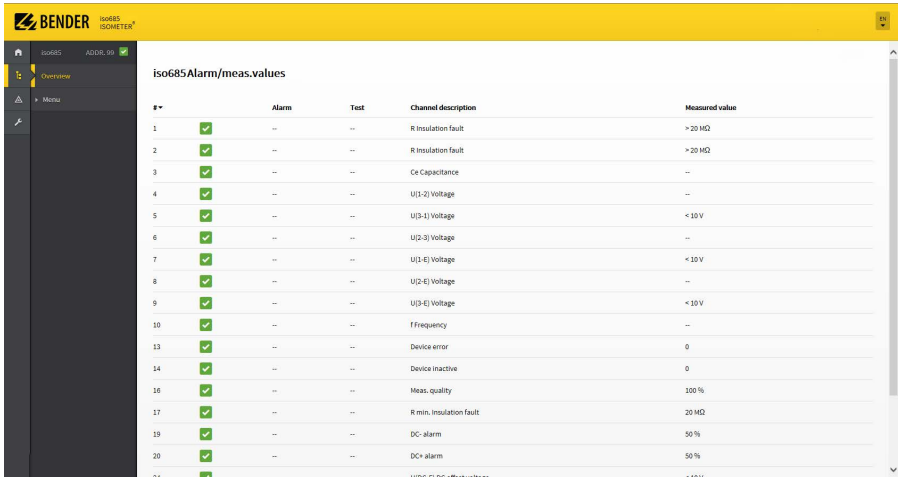
BENDER
The Power in Electrical Safety©

ISOMETER® iso685 device family web server

Web server to read ISOMETER® iso685 measured values and for parameter settings



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AND KEEP THEM IN A SECURE PLACE FOR FUTURE REFERENCE.

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1. Product description

The ISOMETER® has an integrated web server which conveniently displays ISOMETER® data on every PC via a web browser. The web server can be used to read measured values and parameterise the ISOMETER®.

It can be assessed by entering the IP address of the ISOMETER® into the web browser (For example: http://192.168.0.5). The ISOMETER® IP address can be found in the **Info** menu under the menu item "Ethernet".
All ISOMETER® iso685 family variants feature a web server.

The web server offers the following functions: visualisation of device information, setting and reading of parameters and data storage for fast support from Bender service.

This document explains the setting of safety-relevant parameters.

A maximum of 5 TCP/IP connections can be used simultaneously.

Only one device may access the web server at the same time. If several devices try to access the web server it may result in timeouts.

The write access is deactivated by default in the device menu (= Deny). To be able to set parameters via the web server, write access must first be activated in the device menu (= Allow).

Use the web server preferably with the following web browsers: Google Chrome, Mozilla Firefox or Internet Explorer.

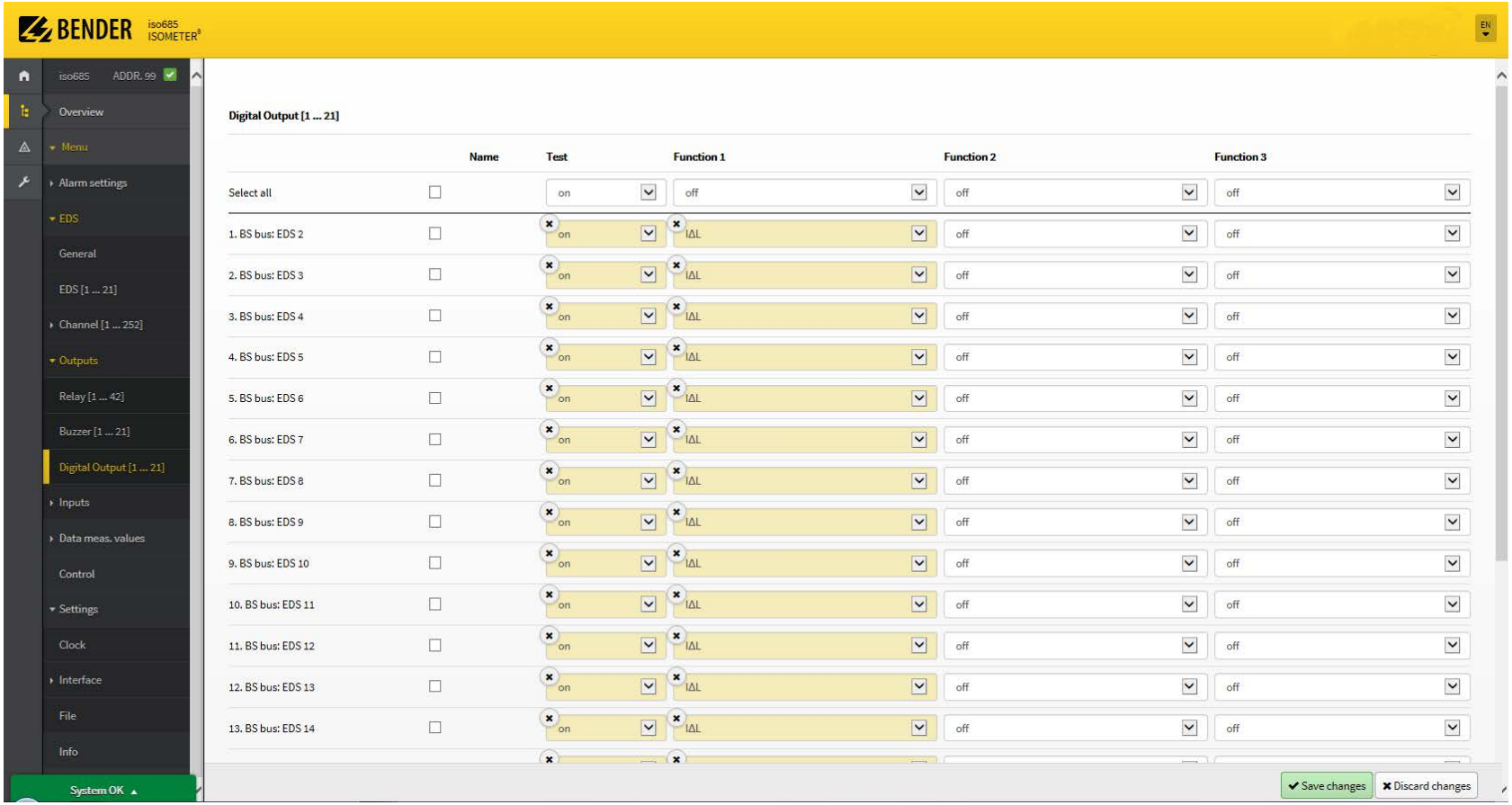
2.1 Parameter changes in the device menu

If values are changed in the iso685 device menu, the updated values are not automatically displayed on an already opened browser page in the web server. The parameter fields which have been changed in the device menu are shown as yellow in the web server, but the old values are still displayed.

Refreshing the browser page enables the updated values to be displayed.

Two options are now possible:

- The new values in the device should be accepted and displayed in the web server:
  To do this, click on the "Discard changes" button positioned on the bottom right hand side of the screen.
- The new values in the device should NOT be accepted. The old values will then be restored and the device changes will be discarded:
  To do this, click on the "Save changes" button positioned on the bottom right hand side of the screen.

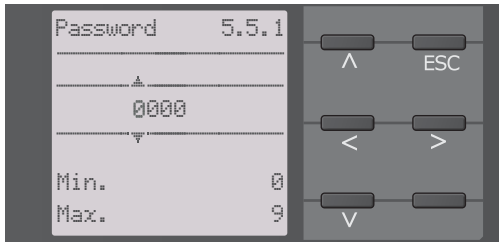


2.2 Set password protection for the ISOMETER® iso685

You can assign a password for the ISOMETER® iso685. Then parameters can only be changed directly in the device or via the web server by entering a valid password.
To assign a password in the device menu, follow the instructions below.

1. In the device menu, select **Menu/Device settings/Password**.
2. Under **Menu/Device settings/Password/Status**, activate password protection by selecting the setting "on".

3. Under **Menu/Device settings/Password/Password**, enter a four-digit password using the arrow keys. You can use the numbers 0 to 9.



The device is now password protected. Changes in the device are now possible only when the correct password is entered.

Parameter changes

2.3 Write access to the ISOMETER® iso685 Web server - Allow or deny

Write access to the ISOMETER® iso685 web server can be denied to prevent, for example, parameter changes via the web server.
Write access can be denied by either selecting **Menu/Device settings/Interface/Write access** or directly in the web server. Write access can only be granted in the device itself by selecting **Menu/Device settings/Interface/Write access**.

Write access is set to "Deny" when the device is delivered. Parameter changes via the web server are only possible when write access in the device has been allowed.

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