Access levels and passwords

Access level USER
- No password needed.
- Allows reading of measurement, setting and configuration data.
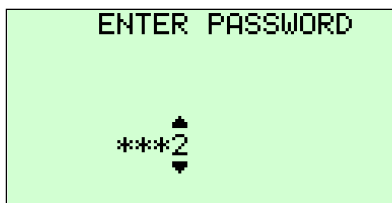
Access level OPERATOR
- Default password is **1**.
- If the password is changed to 0, this level is open without any password.
- Allows setting of protection stages, clearing start/trip counters etc.

Access level CONFIGURATOR
- Default password is **2**.
- Allows configuration of the device. E.g. enabling and disabling the protection stages, configuration of output and block matrixes etc.

Front panel interface

Password is opened by pressing the INFO key followed by ENTER key. For example the default configurator password is opened by selecting "2" as the right most digit with the cursor keys and pressing ENTER:

Port specific access levels

Starting from firmware V6, each communication ports and front panel interface have their own access levels. For example if VAMPSET is connected to local port using configurator access, front panel or remote port password is not automatically open. Editing settings from front panel requires opening the password by pressing INFO → ENTER. Current panel and VAMPSET access levels can be viewed from "Device Setup" screen:

Closing access level

VAMPSET changes access level back to USER on device disconnection. Front panel password can be closed by pressing INFO → ENTER → typing "9999".

The privileged access levels are also closed by timeout: about 15 minutes after the last front panel or PC-port activity the access level is set to USER.

Changing the password is possible using VAMPSET or any PC terminal program and the command line interface of the device.

Example: Changing the configurator password from 2 to 1234 with VAMPSET.

1. Start VAMPSET and connect to the device

2. Open the configurator password either by typing "2" in "Device Setup" window, or select "Configurator" and type "2" in "Select Access Level" window

3. Select "DEVICE INFO" from the left menu

4. Write "1234" to "Change password" parameter. VAMPSET will ask for confirmation of the new password

More security

If you set the password to be greater than 9999, it can opened only with VAMPSET. Only passwords with maximum of four characters can be opened using the front panel interface.

If you forget the password(s), it is possible to set them back to default. Start VAMPSET and select menu "Communication"/"Terminal"

Try to open CONFIGURATOR access level:

> **set pwd=2**

!! Error Wrong password!

The password has been changed from the factory default 2. After trying three times with an incorrect password, the password opening will be locked for 20 minutes.

Let's break the passwords:

> **get pwd_break**

    6293293

This number is needed for the breaking. Also the serial number is needed:

> **get SerNo**

    1201

NOTICE

Please, do keep the auxiliary power on until the end of this break-procedure.

Contact VAMP Ltd: **vampsupport@vamp.fi** and attach the pwd break number '6293293' and the serial number '1201'. We will give you a device specific break code which returns the passwords back to default.

> **set pwd_break=4917022**. Break the passwords. The '4917022' is the break code you got from VAMP Ltd. Now the passwords are back to default; 1 and 2.

> **set pwd=**2. Try to open the CONFIGURATOR access level with the default password

> OK

> **set Change_pwd=284593276**. Change the CONFIGURATOR password again (This value is sure easy to forget!).

> **set pwd=1** Change also the OPERATOR password.

> **set Change_pwd=1845932765**