

## FREJA Win\* version 5.2 and FREJA local version R05F

# release notes

GE Energy offers the Freja Win 5.2 software for the Freja relay testing device. The software simplifies the relay testing process and creates new levels of security.

This software will help you do more in less time and with fewer setup problems. Enhancements have been made to the capability of reading data files and the software now supports even more relay types and has the capacity to reuse test data to speed up new tests.

### Simplifies relay testing

**Cut your test time:** Improved RIO file import allows the ability to read more RIO files and with improved diagnostics, that both simplifies and saves time on site in setting up a test.

**Test more relay types:** Testing electromechanical voltage/current relays with this software has never been easier. A new alternative pickup principal has been incorporated that makes testing quicker and more accurate.

**Reuse settings:** Use a previous test to automatically generate voltage/current relay characteristics without having to enter again.

**Plug and Play:** Improved connection flexibility with nine Com-ports now supported; this allows for easy setup and automatic selection of the correct port.

### Safety and Security

- **Ability to create secure files:** You can print the results directly into PDF form, eliminating the need to have a full software suite installed and increasing document security. This also allows the user to save, transport, and reprint the report even with other computers.



- **Easy to share and store results:** The ability to export and import tests to/from a compressed file using WinZip™ makes it easy to store and transport tests via mail (with command line add-on).
- **Stand alone testing:** There is no need to carry additional equipment to the test site. New functions in stand-alone mode enhance the testing capability from one stand-alone test box, allowing you to leave the laptop and peripherals behind.
  - Stand-alone test memory can easily be uploaded and downloaded, enabling security and avoiding repeat set ups.
  - Test equipment calibration report can be printed directly, supporting customer documentation requirements and saving time and effort when calibrating with the calibration box (it delivers an auditable calibration “receipt” using FREJA Win to print the report).

Note: Manuals and documentation now available in English, German, French, Spanish, and Swedish.



## Enhancements to FREJA Win 5.2

- Up to nine Com ports can now be used (setting in advanced configuration).

## Current

- Ability to test electromechanical relays with new alternative pickup principle
- DC can be used instead of fixed frequency
- Offline use now allows up to 45 A (Network model 31)
- Ability to Ramp down in time test

## Voltage

- Ability to test electromechanical relays with new alternative pickup principle

## Distance

- Improved RIO file reading

## Table with Curves (Beta released in SP1 for 5.1)

- Current and voltage can now be used as a target instrument for curves
- Can be used without Microsoft Office™
- mS can be used as time unit
- Imports a time test and makes a graph that can be used even for other settings

## FREJA Control Center

- Batch report remembers selected report template
- Shows import/export menu if WinZip and command line extension is installed

## Distance and Autoreclose

- Get an accurate reading even if Kphi angle is above +/-99 degrees

## Distance, Current, Voltage and Autoreclose

- Shows the corresponding picture for the custom net model (if existing in the FREJA)

## Auto21

- Several improvements (generating low current output)

## FREJA Local Maintenance

- Up/Down load of local "test memory" to/from the PC
- Print calibration report
- Update local SW online
- Download new local language translation
- Download custom network model

## Enhancements to FREJA local version R05F

- Frequencies can be individual adjusted (new page 7 in general)
- Download of updates and additional language can be done from Microsoft® Windows® application
- User calibration data saved in file making it possible to print a calibration report
- Calibration of external amplifier can be bypassed (new query screen)

Please note that if you upgrade from any earlier Freja Win version, you also need to install the new version of SW-key.



To learn more, please contact GE Energy at [programma@ge.com](mailto:programma@ge.com) or by phone at +46.8.510.195.00.

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