CFW11
VSD for Industrial Systems

The CFW11 line was developed for the simplest to the most complex applications, offering a wide range of functions, excellent static and dynamic response, and high overload capacity. In addition, it has several resources that simplify the configuration, installation and operation.

Certifications

- 200 to 240 V single-phase: output current from 6 to 10 A (2.0 to 3 cv)
- 200 to 230/240 V three-phase: rated output current from 7.0 to 211 A (2.0 to 150 cv)
- 380 to 480 V three-phase: rated output current from 3.6 to 720 A (2 to 970 cv)
- 500 to 600 V three-phase: rated output current from 2.7 to 435 A (2 to 850 cv)
- 500 to 690 V three-phase: rated output current from 2.7 to 365 A (3 to 850 cv)

The CFW11 was developed based on the Plug & Play philosophy. It automatically recognizes and configures the accessories used, providing easy installation and safe operation.

Version IP55 / NEMA12

This version allows installing the inverter in environments with high humidity, rain, sun and dust, without requiring panels. The VSD cooling method ensures maximum overload capacity and performance.
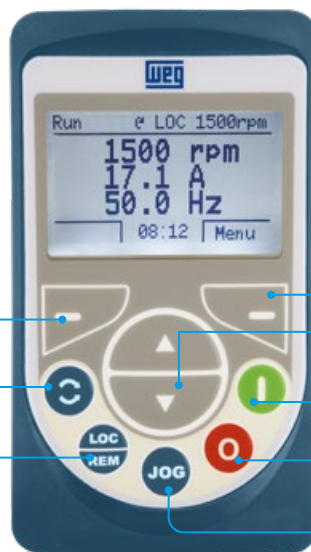
Variable Speed Drive

Applications

Its vast range of functions, in addition to the versions for modular and electrical panel mounting, make the CFW11 suitable for applications in different sectors of the industry:

- Pumps and fans
- Compressors
- Multipump control
- Load hoisting
- Machine manufacturers
- Pulp and paper
- Wood

- Cement
- Mining
- Petrochemical
- Steel
- Metallurgy
- Refrigeration
- Sugar and Alcohol

Human-Machine Interface - HMI

- Real-time clock (RTC)
- Copy Function
- Plug-in (allows hot swapping)
- Language selection
- Remote HMI

Left soft-key: function defined by the text on the display

Selection of the direction of rotation

Local/remote selection

Right soft-key: function defined by the text on the display

Keys for scrolling menus and parameters and changing the content of the parameters

Start key

Stop key

JOG key

Backup Parameters

The backup parameter group enables the transfer of the CFW11 parameters to the HMI or to the flash memory module (available on the standard product) and vice versa. During the CFW11 operation, modified parameters are automatically saved in the flash memory module.

Functions Group

The HMI provides the functionality to display groups of parameters in individual folders, where each of them shows specific settings. For example:
I/O configuration, self-tuning procedure, basic parameters etc.

Selectable Language

The user can choose the HMI language: Portuguese, English, Spanish, German or French.

Changed Parameters

Displays only the parameters that have been programmed differently from the factory settings.

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