

VFDs for Industrial Applications



CFW-11



- Supply voltage: 200-690 V
- Rated currents: 3.6-1,411 A (2 to 900 HP)
- Vectrue Technology® - linear and adjustable scalar control (V/F), WEG voltage vector (VVW), sensorless vector (without encoder) and with encoder, sensorless vector WMagnet (without encoder) and with encoder
- Optimal Breaking® - WEG inverter breaking technology
- Optimal Flow® - for use in constant torque loads
- Smart thermal management
- Degree of protection: IP20, NEMA 1 and NEMA 12
- Built-in inductor on the DC link up to frame size G
- Single DC busbar
- Plug & Play Philosophy
- USB port
- Real time clock
- Built-in SoftPLC function - adds the functionalities of a PLC to the CFW11
- Operating interface (HMI) with graphic display and backlight
- Optional accessories:
 - Expansion boards of digital and analog inputs and outputs
 - Incremental Encoder Module
 - Safe Torque OFF Module (STO) for safety stop: category 3 PL and SIL CL 2 certified by TÜV Rheinland®, according to EN ISO 13849-1, IEC 61800-5-2, IEC 62061 and IEC 61508 standards
 - Communication modules: DeviceNet, EtherNET-IP, Profibus-DP, RS232, RS485, Modbus-TCP and Profinet-IO
- RFI suppressor filter (optional, except for sizes E, F and G, which already have built-in RFI filter)
- Also available in modular versions - CFW11M
- Free SuperDrive G2 Software, for inverter parameterization, command and monitoring with USB connection

CFW-500



- Supply voltage: 200-600 V - single-phase or three-phase
- Rated currents: 1 to 211 A (0.25 to 150 HP)
- Controls: scalar (V/F), WEG voltage vector (VVW), sensorless vector or with encoder and energy saving mode (EOC)
- Built-in SoftPLC function
- Multipump applications
- Operating interface (HMI)
- Degree of protection: IP20, NEMA 1 and NEMA 4X
- RS485 port (built-in in any model of plug-in module)
- Plug-in cards for resource expansion¹⁾
- Free programming software: WLP and SuperDrive G2
- Optional items:
 - Safe Torque OFF Module (STO/SS1)
 - RFI filter
 - USB communication port
 - Memory card: allows data transfer (parameters and SoftPLC) between inverters, without the necessity to energize them
 - Network communication: CANopen, DeviceNet, Profibus-DP, RS232, RS485, EtherNET-IP, Modbus-TCP and Profinet-IO

Note: 1) Select the plug-in module + CFW500 without plug-in module.

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