



VARIABLE SPEED DRIVES

CFW100

- 100-127 or 200-240 V single-phase supply voltage
- Output rated current: 1.6 to 4.2 A
- Maximum applicable motor of 0.25 cv to 1 cv 4.20 A (1 CV)
- Vector (VVW) or scalar (V/F) control modes
- SoftPLC
- Free WPS programming software



CFW500

- 200-600 V single or three-phase supply voltage
- 1 to 56 A rated output current (0.25 to 75 cv)
- SoftPLC with free WPS programming software
- Vector control (sensorless or with encoder) and VVV
- STO and SS1 safety functions
- Versions with IP20 NEMA1 or IP66, protection rating
- PM motor control



CFW320

- Single-phase or three-phase supply voltage at 100-127 V, 200-240 V or 380-480 V and three-phase motor power supply at 200-240 V or 380-480 V
- Direct current power supply is also allowed
- Output rated current: 1.6 to 15.2 A
- Free WPS Programming software
- Easy installation
- Flash memory module (accessory)
- Vector (VVW) or scalar (V/F) control modes



CFW501 - HVAC

- 200-480 V Supply voltage
- 1 to 31 A rated output current 0.33 to 20 cv
- Low input harmonic distortion
- SoftPLC
- Operator interface (HMI) with specific units for HVAC applications
- BACnet, Metasys N2 and Modbus-RTU communication protocols
- Free WPS Programming Software



CFW11

- 200 to 690 V single or three-phase supply voltage
- Output rated current: 2.7 to 2,850 A (1.5 to 2,500 cv)
- Vector control (sensorless or with encoder) and WMagnet, VVW



MW500 - MOTOR DRIVE

- Three-phase supply voltage: 380-480 V
- Output rated current: 4.3 to 16 A
- Free WPS Programming software
- NEMA 4x/IP66 protection
- Dockable on the W22 motor range or wall mountable
- Disconnector (optional)



MVW3000 - MEDIUM VOLTAGE

- Motor voltage: 1.15kV to 13.8 kV
- Motor current: up to 1,140 A
- Input voltage: 1.15 kV...13.8 kV
- High-efficiency air cooling
- User-friendly interface
- Arc detector system on transformer and cells cabinet as standard
- Low harmonic content, according to IEEE 519, IEC 61800-3 and G5/4-1



MVW01 - MEDIUM VOLTAGE

- Input cubicle up to 36 kV
- Applicable to medium voltage induction motors of 2.3...6.9 kW
- Maximum applicable motor of 500 cv (400 kW) to 22,500 cv (16,875 kW)
- 12, 18, 24 or 36-pulses diode input rectifier
- Power and control insulated by fiber optic



HUMAN MACHINE INTERFACES

cMTX Series

- Available sizes: 7", 10.1" and 15.6"
- Capacitive screen for 15.6" models
- Built-in PLC activation through CODESYS® activation card
- Remote access to HMI through EasyAccess 2.0 activation card
- MQTT protocol
- Multi-gesture screen
- 4GB RAM memory
- 1GB Flash memory
- WiFi connection module support
- Modbus RTU and TCP, CANopen, OPC UA and SAE J1939



SOFT-STARTERS

SSW05

- 220 to 575 supply voltage V
- Output rated current: 3 to 85 A
- Built-in bypass
- Remote operating interface (HMI) (optional)



SSW07

- 220 a 575 supply voltage V
- Output rated current: 17 to 412 A
- 3-phase control
- Built-in bypass
- Built-in motor protections



SSW7000 - MEDIUM VOLTAGE

- Applicable to 2.3 to 13.8 kV medium voltage induction motors
- Maximum applicable motor of 350 cv (250 kW) to 16,300 cv (12,200 kW)
- Torque control developed by WEG based on the torque control of the frequency inverters
- Vacuum bypass and main circuit breakers or contactors



SSW900

- 220 to 575 V supply voltage
- Rated currents: 10 to 670 A
- Detachable graphic IHM with built-in USB port and Bluetooth
- Built-in bypass
- Motor inside delta connection allowed
- SoftPLC with free WPS programming software



PLC

PLC500

- High-tech - Excellent cost-benefit
- Powerful IMX Dual Core 1GHz processor + Coprocessor @240MHz
- RAM / Flash Memory: 1GB / 4GB
- Extremely compact and modular design
- Digital Inputs / Digital Outputs: 8 / 8 (PNP)
- 4 x inputs up to 150 kHz
- Protocol support: CANopen / Modbus RTU / Modbus TCP / Ethernet-IP
- IoT Protocols
- Micro SD Card Input
- USB Host input
- USB Host port for Programming
- 2 x Gigabit Ethernet ports
- Supports up to 08 local expansions



PLC410

- High-tech - Excellent cost-benefit
- Powerful IMX Dual Core 400MHz processor + Coprocessor @240MHz
- RAM / Flash memory: 256 MB / 4 GB
- Extremely compact and modular design
- Digital Inputs / Digital Outputs: 8 (PNP) / 8
- 4 x inputs at up to 150 kHz
- Protocol support: CANopen / Modbus RTU / Modbus TCP / Ethernet-IP / EtherCAT
- IoT protocols (MQTT)
- MicroSD card slot
- Mini USB input for programming
- 1 x 10/100 Ethernet port
- Supports up to 08 local expansions
- Product benefiting from IT legislation



Note: 1) Up to 600 A for motor voltage above 6.9 kV.



MOTOR STARTING AND PROTECTION

CWC - MINIATURE CONTACTORS

- Switching operations in utilization category AC-3 up to 22 A
- Integrated auxiliary contacts up to 16 A
- Low-consumption DC coils, allowing direct connection to PLCs



CWB AND CWM - CONTACTORS

- Complete line from 9 to 800 A (AC-3)
- Several coil voltages available in AC and DC
- Complete accessory line



MPW - MOTOR-PROTECTIVE CIRCUIT-BREAKERS

- Motor start and protection up to 40 cv at 220 V and 75 cv at 380/440 V
- Adjustable thermal releases to protect the motor against overloads up to 100 A
- Wide range of accessories



RW AND RW_E - THERMAL AND ELECTRONIC OVERLOAD RELAYS

- Models up to 840A
- Manual or automatic reset
- Conventional (RW) versions with trip class 10
- Electronic versions (RW_E) with selectable trip class: 10, 20 and 30
- Protection against phase loss and phase unbalance in the electronic versions (RW_E)



RTW, RPW AND RIEW - ELECTRONIC RELAYS

- Timers, voltage and level monitors, 17.5 mm and 22.5 mm wide
- Status indicator LEDs
- Simple configuration and operation
- Settings via external selectors
- Highly reliable contacts
- Excellent precision and repeatability
- Noise immunity



PESW - ENCLOSED STARTERS

- Direct starters in thermoplastic enclosures:
- Three-phase: up to 40 HP at 220 V and 75 HP at 380/440 V (IEC)
- Single phase: up to 2 HP at 127/220/254 V (NEMA) and 12.5 HP at 127/220/440 V (IEC)
- Enclosures up to 20HP at 220 V and 40 cv at 380/440 V (IEC)



COMMAND AND SIGNALING

CSW AND CEW

- Pushbuttons, selector switches and pilot lights
- IP66 protection degree
- Quick and easy assembly system
- High reliability auxiliary contacts
- Lighting block with integrated LED



ELECTRICAL CONNECTIONS

BTW - TERMINALS AND SIZING SOFTWARE

- Complete line of terminals, mini terminals and relay terminals
- Connection options: screw, spring, push-in and eyed types
- Housing in polyamide PA66 with excellent dielectric properties and high mechanical strength
- EX certification
- Intelligent software for configuration of terminal strips and their accessories
- Complete line of accessories and terminal and cable markers
- Printing and engraving system of markers and tags



ELECTRICAL CIRCUIT PROTECTION

DWB AND DWA - MOLDED-CASE CIRCUIT-BREAKERS

- Rated currents from 16 to 1,600 A
- Short-circuit breaking capacity of up to 80 kA (380/415 V)
- Models with fixed, adjustable and electronic thermal and magnetic releases



MSW - SWITCH-DISCONNECTORS

- Rated currents from 12 up to 160 A
- Mounting option: top and base
- Compliance with the requirements of NR12 and IEC 60947-3 standards
- Compact and easy installation
- Complete range of accessories
- Terminals with IP20 protection degree
- Handle with IP65 protection degree



SERVO DRIVES

SCA06 - SERVO DRIVE

- Supply voltage of 220...230 V or 380...480 V
- High performance
- Precise movement control
- Operation in closed loops
- Position feedback by means of resolver
- Control and power with independent power supplies



SWA - SERVOMOTORS

- Torque of 0.8 at 40 N.m
- Sinusoidal FCEM
- Protection level IP65
- Brushless
- Low inertia
- Low maintenance
- Rapid dynamic response
- Low noise and vibration levels

