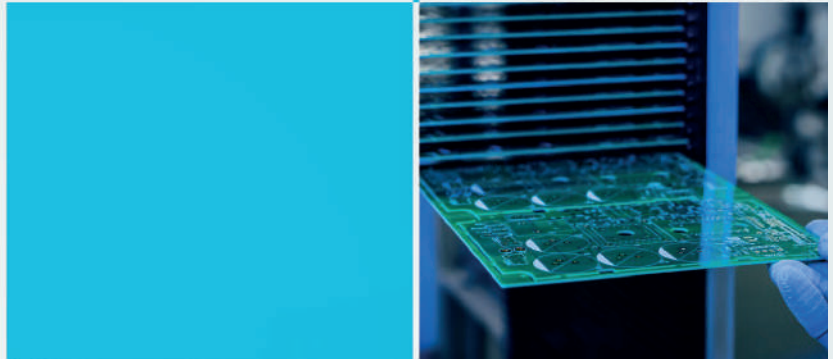


AUTOMATION PRODUCT LINE

Electronic products
and systems
**enhancing
productivity**

Industrial Motors
Commercial Motors
Automation
Digital &
Systems
Energy
Transmission &
Distribution
Coatings



Global power. Canadian reliability.



VARIABLE FREQUENCY DRIVES

MICRO AND MINI DRIVES

CFW100

- 100-127 or 200-240 V single-phase supply voltage
- Output rated current: 1.6 to 7.3 A
- Maximum applicable motor of 0.25 HP to 2 HP
- VVW or scalar (V/F) control modes
- SoftPLC
- Free WPS programming software



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)
- VVW or scalar (V/F) control modes



CFW500

- 200-600 V single or three-phase supply voltage
- 1 to 211 A rated output current (0.25 to 150 HP)
- SoftPLC with free WPS programming software
- Vector control (sensorless or with encoder) and VVW
- STO and SS1 safety functions
- Versions with IP20 NEMA1 or NEMA 4X, protection rating
- PM, W23 Sync+ Motor Control



SYSTEM DRIVES

CFW11

- 200 to 690 V single or three-phase supply voltage
- Output rated current: 2.7 to 804A (1.5 to 900 HP)
- Vector control (sensorless or with encoder) and WMagnet, VVW



CFW900

- 200 to 600 V, 1ph or 3ph power supply
- Output Current 2.8 - 760 A (1.5 to 700 HP)
- Control Scalar, Vector Control and PM
- Thermal Management, STO and RFI filter
- Free access to Soft PLC and Parameter Monitoring (WPS software)
- Standard product functions: Dual-port Ethernet, RS485, USB, Bluetooth®, STO / SS1 safety, Energy saving, Smart thermal management, Modbus-RTU
- MQTT Protocol - IoT-Ready Product



HVAC-R DRIVES

CFW501, CFW11-H

- 200 to 690 V Supply voltage
- Output rated current: 1 to 804A (0.33 to 900 HP)
- Vector control (sensorless or with encoder) and WMagnet, VVW
- HVAC Functions: Fire More, BACnet
- 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



CABINET BUILT DRIVES

CFW11M - MODULAR DRIVE

- Modular high-power drive for precise speed and torque control
- Air-cooled or water-cooled versions
- Up to 2,800 HP
- Up to 5 power units with 1 control unit
- Sensorless or closed loop Vector, Scalar (V/f) or VVW control;
- Built-in SoftPLC Modbus-RTU, Profibus-DP, DeviceNet, EtherNet/IP and PROFINET IO.



VWP - VFD PANEL

- VFD panel can include CFW900, CFW11, and CFW500.
- Custom Plug and Play Panel
- Single and Three-phase VFD (230-690 V), up to 800 HP / 1141 A
- Motor control: V/f, sensorless & closed-loop vector
- Integrated PID, PLC & brake chopper (frame-dependent)
- Built-in EMC/RFI filtering & DC/line reactors
- Modular options: I/O, encoder, comms, safety (EN 954-1)
- Standard or customized versions according to the needs of the project
- Protection Degree: NEMA 1, NEMA 4/12, NEMA 4X
- UL/CUL certified panel solutions



DC DRIVE

TPD500

- High-performance DC drive with precise speed and torque control
- 2- and 4-quadrant operation for full motoring and regenerative braking
- Wide current range up to 3300 A for heavy industrial applications
- Industry 4.0 ready with advanced Ethernet communication options
- Built-in safety functions including Safe Torque Off (STO)
- Fast setup and easy commissioning with an intuitive keypad and software tools



ADV200

- Power supply: three-phase 380-480 V and 500-690 V
- Power range 0.75 kW to 1.65 MW
- DC powered models: 450...1,120 MW
- Standard communication protocols: RS485 and Modbus-RTU
- Managed network loss detection
- Dual configuration of motor parameters



DEDICATED FREQUENCY INVERTERS

ADL510, ADL530, ADL550 - ELEVATOR DRIVES

- Power supply: three-phase 230 V, 380-480 V
- Power range: 5-20 HP
- Compatible with asynchronous and synchronous motors
- Battery for 48-96 Vdc
- Optimized power management of emergency battery consumption
- Easy programming via WEG_DriveLabs
- CANopen lift protocol 417
- Board with universal multi-encoder
- Advanced safety functions: STO, EBC (SIL3) and SBT



MW500 - DECENTRALIZED 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
- Disconnecter (optional)



MEDIUM VOLTAGE DRIVES

MVW3000

- Motor Voltage: 1.15 kV to 1,3.8 kV
- Input Voltage: Up to 13.8kV
- Current up to 1,140 A
- High-efficiency air-cooled design
- IEEE 519 compliant with optimized harmonics (no external filters)
- High power factor (>0.95)
- Sinusoidal output for reduced motor stress and losses
- Fully integrated solution for fast commissioning
- Compatible with WEG MFM asset management (G4 platform)



MVW01

- Motor Voltage: 2.3 kV to 6.9 kV
- Input Voltage: Up to 36kV
- Applicable motor: 500 to 48,810 HP
- High efficiency (>99%) with high power factor (>0.95)
- Fiber optic isolation between power and control
- Withdrawable power modules for easy maintenance
- Air or water cooling options
- Low noise and reduced heat dissipation
- G4 platform compatible with WEG MFM asset management



Note 1) Up to 600 A for motor Voltage above 6.9kV

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



SSW900

- 220 to 575 V supply voltage
- Rated currents: 10 to 1,400 A
- Detachable graphic HMI with built-in USB port and Bluetooth
- Built-in bypass
- Motor inside delta connection allowed
- SoftPLC with free WPS programming software



CABINET BUILT SOFT STARTER

SWP - SOFT STARTER PANEL

- Soft starter panels including SSW05, SSW07 and SSW900, with all ratings
- SWP packaged soft starter panel for low voltage motor starting applications
- Available voltages: 208/230/380/460/575 Vac
- Indoor / outdoor / washdown configurations
- Ideal for pumps, fans, blowers, compressors and conveyors



MEDIUM VOLTAGE SOFT STARTER

SSW7000 - MEDIUM VOLTAGE

- Motor voltage: 2.3 kV to 13.8 kV
- Applicable Motor: 350 to 16,300 HP
- WEG-developed torque control based on frequency inverter technology
- Vacuum bypass with main circuit breaker or contactor options
- Controlled torque start for smooth motor acceleration



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



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)



CWB AND CWM - CONTACTORS

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



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



MPW - MOTOR-PROTECTIVE CIRCUIT-BREAKERS

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



PESW - ENCLOSED STARTERS

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



SRW01 - SMART RELAY

- USB port
- Modbus-RTU, Profibus-DP, DeviceNet, EtherNet/IP, PROFINET IO, PROFINET S2 or Modbus-TCP communication
- Free parameter setting software
- Fast and precise fault and alarm diagnosis
- Fault log and statistics
- Default configuration backup
- Measurement of current, voltage and earth leakage is possible



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



PLC

CLIC02

- Up to 55 I/O points with 3 expansion modules
- 12 Vdc, 24 Vdc, or 110/220 Vac (50/60 Hz) supply
- Real-time clock and online parameter access
- High-speed inputs up to 1 kHz
- Burst and PWM outputs
- Modbus communication
- LCD display (4x16)
- Arithmetic and PID functions
- Ladder or FBD programming with free Clic Edit software



RUW100

- Allows expanding digital, analog, thermocouple, Pt-100, Pt-1000 and load cell inputs and outputs, and relay outputs
- Available in three main modules and ten expansion modules
- Power supply: 24 Vdc
- Connectivity to Modbus (RS485) and CANopen (CAN) networks and complete integration with the process network



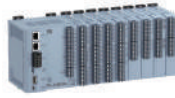
PLC200

- Compact modular PLC design
- 400 MHz Cortex M7 processor
- Integrated memory: Flash / Retentive / Non-retentive
- I/O: 8 DI / 4 DO (PNP), high-speed inputs up to 150 kHz
- Communication: Modbus-TCP, EtherNet/IP, Modbus-RTU or CANopen
- IoT ready with MQTT (publisher/subscriber)
- Built-in USB, Ethernet and RS485/CAN ports
- Expandable up to 8 local modules



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



ELECTRICAL CIRCUIT PROTECTION

DWB - MOLDED-CASE CIRCUIT BREAKERS

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



MSW - SWITCH-DISCONNECTORS

- Rated current from 12A up to 160A
- Two Mounting Options: Door or Base mounting
- Developed in accordance with IEC 60947-3/UL 508
- Terminals with IP2X protection rating
- Handle with NEMA 4X protection rating
- Compact design and easy installation
- Comprehensive range of accessories



CBW7 - MOLDED-CASE CIRCUIT BREAKERS

- UL489 circuit breaker
- Currents up to 600 A
- High interrupting capacity of up to 65 kA
- Voltage range: 240–600 V
- Fixed or adjustable trip units
- Double rotary contact design
- Coming soon



COMMAND AND SIGNALING

CSW

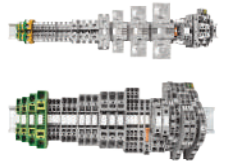
- Pushbuttons, selector switches and pilot lights
- NEMA 4X protection degree
- Quick and easy assembly system
- High reliability auxiliary contacts
- Lighting block with integrated LED



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



POWER FACTOR CORRECTION

UCW - SINGLE-PHASE CAPACITIVE UNITS

- Power ratings: up to 10 kVAR in diameters from 40 to 75 mm and 535 Vac
- Capacitive units for assembling three-phase banks and modules



UCWT - THREE-PHASE CAPACITIVE UNITS

- Ideal for localized/individual motor correction:
 - 0.5 to 50 kVAR at 220 V
 - 0.5 to 50 kVAR at 380/440 V
 - /480/535 V
 - 0.5 to 50 kVAR at 600/660/690 V



MCW - THREE-PHASE CAPACITOR MODULES

- Power ratings: up to 60 kVAR and 480 Vac
- Single-phase capacitive units in delta connection
- Built-in discharge resistors



CWBC - CONTACTORS FOR SWITCHING CAPACITORS

- Capacitor switching up to 120 kVAR (480 V)
- 3 built-in auxiliary contacts
- Compatible with CWB accessories
- DIN rail (35 mm) or screw mounting option



MACHINE SAFETY

CEC - ROPE PULL EMERGENCY STOP SWITCHES

- Cable length up to 80 m
- Emergency stop activation anywhere along cable
- Built-in E-stop, reset & status LEDs
- Rugged cast metal housing
- Cat.4 / PL e / SIL 3 (with WEG safety relay)
- IP67 protection
- TÜV, CE, UL/cUL certified



SAFETY INTERLOCK SWITCHES

- Selectable actuators (tongue type)
- With or without solenoid options
- Door, gate & guard monitoring applications
- Compact design for tight/aggressive environments
- IP67 protection
- Cat.4 / PL e / SIL 3 (with WEG safety relay)
- TÜV, CE, UL/cUL certified



CWBS - CONTACTORS FOR SECURITY SYSTEMS

- Three-pole power versions CWBS (9–125 A)
- Auxiliary versions CAWBS (Ith: 10 A)
- Enclosed, touch-safe construction
- Integrated auxiliary contacts (permanently linked)
- Color-coded for easy panel identification
- Developed and compliant with IEC 60947-1
- Main certifications: UL/cUL certified



SAFETY RELAYS

- PSRW line - Programmable Safety Relay
- CS line - Simultaneity control
- CPW line - Emergency stop control
- SZS - Zero speed monitor
- Dual channel outputs
- Contact supervision
- Protected against faults and tampering
- Category 4/PL e SIL CL 3
- TÜV Rheinland® certification

