



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



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



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



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

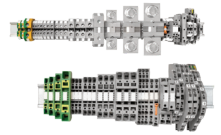
- Pushbuttons, selector switches and pilot lights
- IP66 protection degree
- Quick and easy assembly system
- High reliability auxiliary contacts
- Lighting block with integrated LED



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



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



CFW300

- 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 220 V or 380 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



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



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 VVW
- STO and SS1 safety functions
- Versions with IP20 NEMA1 or IP66, protection rating
- PM motor control



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



CFW701 - HVAC

- 200-600 V Single or three-phase supply voltage
- Output rated current: 3.6 to 211 A
- Power range from 2 HP (1.5 kW) to 175 HP (132 kW)
- RFI filter according to the levels of EN 61800-3 (standard)
- Versions with IP20 NEMA1 or IP55, protection rating
- Inductor on DC link
- BACnet MS/TP, Metasys N2 and Modbus-RTU communication protocols
- SoftPLC with free WPS programming software



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 kV
- 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



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
- Disconnecter (optional)





SOFT-STARTERS

SSW05

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



SSW06

- 220 to 690 supply voltage V
- Output rated current: 10 to 1,400 A
- Built-in bypass up to 820 A
- Torque control
- SoftPLC
- Motor inside delta connection allowed
- Multiple accessory options for network communication



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 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



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



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



ACW - HIGH CAPACITY MOLDED-CASE CIRCUIT-BREAKERS

- Complete accessory line
- Rated currents from 20 to 1,600 A
- Short-circuit breaking capacity of up to 200 kA (220/240 V)
- Models with adjustable electronic and thermomagnetic releases
- Protection of electrical circuits and motor circuits



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



DWP - MOLDED-CASE CIRCUIT-BREAKERS FOR BUILDING APPLICATIONS

- 16 to 800 A rated currents
- Fixed thermal and magnetic releases
- Protection of electrical installations against overloads



AGW - MOLDED-CASE CIRCUIT BREAKERS

- Developed according to IEC 60947-2
- Breaking capacity of 18 to 45 kA @ 380 V
- Available in four frames: currents from 15 to 800 A
- Complete accessory line



HUMAN MACHINE INTERFACES (HMI)

MT LINE

- 4.3 to 15 inch screen
- Real time clock
- USB port
- Ethernet communication
- Free edition software



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

