

AUTOMATION

PRODUCT PORTFOLIO

Driving efficiency and sustainability.



DRIVES

VSDS

CFW100

- Supply voltage: single-phase 100-127 or 200-240 V
- Rated output current: 1.6 to 7.3 A
- Maximum applicable motor: 0.25 to 2 cv
- Vector (V/VW) or scalar (V/F) control
- SoftPLC
- Bluetooth® module (accessory)
- Free WPS programming software



CFW300

- Supply voltage: single-phase 110-127 V and 200-240 V and three-phase 200-240 V and 380-480 V. It also allows DC power supply
- Rated current: 1.6 to 15.2 A
- Easy installation
- Flash memory module (accessory)
- Free WPS programming software
- Scalar (V/F) or vector (V/VW) control modes
- Bluetooth® module (accessory)



CFW500

- Supply voltage: single-phase 200-240 V or three-phase 200-240 V, 380-480 V and 500-600 V
- Rated output current: 1.0 A to 211 A (0.33 cv/0.25 kW to 175 cv/132 kW)
- SoftPLC with free WPS programming software
- STO and SS1 safety functions (accessory)
- Versions with IP20, NEMA1 or IP66 protection rating
- PM motor control
- Vector (sensorless or with encoder) and V/VW control



CFW501 - HVAC

- Supply voltage: 200-240 V, 380-480 V
- Rated output current: 1.0 A to 211 A (0.33 cv/0.25 kW to 175 cv/132 kW)
- Low input harmonic distortion
- SoftPLC
- Operator interface (HMI) with specific units for HVAC applications
- BACnet, Modbus N2 and Modbus-RTU communication protocol
- Free WPS programming software



CFW900

- Supply voltage: 200-240 V, 380-480 V
- Rated output current: 2.8 A to 242 A (1.5 cv/1.1 kW to 200 cv/132 kW)
- SoftPLC with free WPS programming software
- STO and SS1 safety functions and smart thermal management integrated into the standard product
- Connectivity with Bluetooth® and MQTT protocol in the standard product
- Versions with IP20 or IP21 protection rating
- PM motor control



CFW11

- Supply voltage: single-phase or three-phase 200-690 V
- Rated output current: 3.6 A to 1,141 A (2 to 950 cv)
- Vector control (sensorless or with encoder) and WMagnet, V/VW



AFW11/AFW11C

- Power supply: three-phase 220-240 V, 380-480 V, 500-600 V and 660-690 V
- Rated current: 3.6 A to 1,141 A (2 cv/1.1 kW to 900 cv/660 kW)
- Protection rating: IP42 or IP54
- Metal panel with anticorrosion treatment and set in accordance with NBR IEC 61439
- Standard or customized versions according to the needs of the project
- Regenerative versions



AFW11M/AFW11W

- Power supply: three-phase 380-480 V, 500-600 V and 660-690 V
- 439 to 3,012 A (550 cv/400 kW to 2,800 cv/2,000 kW)
- Protection rating: IP42 or IP54
- Configurable accessories and filters
- Metal panel with anticorrosion treatment and set in accordance with NBR IEC 61439
- Standard or customized versions according to the needs of the project
- Regenerative versions



AFW900

- Power supply: three-phase 220-240 V or 380-480 V
- Rated current: 2.8 to 242 A (1.5 cv/1.1 kW to 175 cv/132 kW)
- Protection rating: IP42 or IP55
- Configurable accessories of the CFW900 line and filters
- Metal panel with anticorrosion treatment and set in accordance with NBR IEC 61439
- Standard or customized versions according to the needs of the project



MVW01 - Medium Voltage

- Input cubicle up to 36 kV
- Applicable to medium voltage induction motors from 2.3 to 6.9 kV
- Maximum applicable motor from 500 cv (400 kW) to 48,810 cv (36,360 kW)
- Diode input rectifier with 12, 18, 24 or 36 pulses
- Air or water cooling



MVW3000 - Medium Voltage

- Motor voltage: 2.3 kV to 13.8 kV
- Motor current: up to 1,140 A
- Input voltage: 2.3 kV...13.8 kV
- High-efficiency air cooling
- Intuitive interface
- Arc detector system in transformer and cell cabinets as default



DEDICATED FREQUENCY INVERTERS

MW500

- Power supply: single-phase 200-240 V or three-phase 380-480 V
- Rated current: 1.3 A to 16 A (0.5 cv/0.37 kW to 10 cv/7.5 kW)
- NEMA 4x/IP66 protection rating
- It can be coupled to the W22 motor line or wall mounted
- Switch-disconnector (optional)
- Free WPS programming software



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



ADP200

- Three-phase power supply: 230 V, 380-480 V
- Power range: 7.5-75 kW (10-100 cv)
- RS485, Modbus-RTU, CANopen communication protocols
- Eco-friendly product
- Simplified Start-up menu
- Monitoring of the motor temperature



DRIVES

ELEVATOR VSDS

ADL300

- Power supply: single-phase 230 V and three-phase 230 V, 400-480 V
- Power range for single-phase 5.5 kW to 37 kW and three-phase 1.5 kW to 75 kW
- Compatible with asynchronous and synchronous motors
- VSDs for gearless and geared elevator systems



ADL510

- Power supply: three-phase 380-480 V
- Power range: 4-15 kW
- Compatible with asynchronous motors
- Battery for 48-96 Vdc
- Easy programming via WEG_DriveLabs



ADL530

- Power supply: three-phase 230 V, 380-480 V
- Power range: 4-15 kW
- Compatible with asynchronous and synchronous motors
- Battery for 48-96 Vdc
- Easy programming via WEG_DriveLabs
- CANopen lift protocol 417



ADL550

- Power supply: three-phase 230 V, 380-480 V
- Power range: 4-15 kW
- Compatible with asynchronous and synchronous motors
- Battery for 48-96 Vdc
- Optimized power management of the emergency battery consumption
- Easy programming via WEG_DriveLabs
- CANopen lift protocol 417
- Board with universal multi-encoder
- Advanced safety functions like STO and EBC in SIL3 and SBT



PHOTOVOLTAIC INVERTERS

SIW200G

- Application for the residential market
- Low operating and starting voltage
- Loading up to 150% according to DC input
- Built-in DC and AC surge protection
- LCD screen and touch buttons
- Built-in Wi-Fi



SIW300H L1

- Application for the residential market
- Low operating and starting voltage
- AFCI system (Arc-fault circuit interrupter) to interrupt electric arcs
- Rapid shutdown when optimizers are installed
- Loading up to 150% according to DC input
- Built-in DC and AC surge protection
- Compatible with batteries
- Built-in Wi-Fi



SIW400G

- Applications for three-phase systems (380 V)
- AFCI system (Arc-fault circuit interrupter) to interrupt electric arcs in models from 75 kW to 100 kW
- Loading up to 150% according to DC input
- Built-in DC and AC surge protection
- LCD screen, touch buttons
- Built-in Wi-Fi



SIW500G

- Applications for three-phase systems (380 V)
- AFCI system (Arc-fault circuit interrupter) to interrupt electric arcs
- Loading up to 150% according to DC input
- Built-in DC and AC surge protection
- Configuration via application
- IP66



SIW500H

- Commercial, industrial and utility-scale applications
- AFCI system (Arc-fault circuit interrupter) to interrupt electric arcs and rapid shutdown with optimizers in versions from 12 to 40 kW
- Loading up to 150% according to DC input
- Built-in DC and AC surge protection
- Configuration via application



SIW600

- Applications for businesses and agribusiness
- Built-in DC and AC surge protection
- Loading up to 150% according to DC input
- Financed via Finame
- LCD screen, touch buttons



SOFT-STARTERS

SSW05

- Supply voltage: 220 to 575 V
- Rated output current: 3 to 85 A
- Built-in bypass
- Remote operator interface (HMI) (optional)



SSW07

- Supply voltage: 220 to 575 V
- Rated output current: 17 to 412 A
- Built-in bypass
- 3-phase control
- Built-in motor protections



DRIVES

SOFT-STARTERS

SSW08

- Supply voltage: 220 to 575 V
- Rated output current: 17 to 412 A
- Built-in bypass
- 2-phase control
- Built-in motor protections



SSW900

- Versions for 220 to 575 V_{AC} or 380 to 690 V_{AC}
- Rated current: 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



SSW7000 - Medium Voltage

- Applicable to medium voltage induction motors from 2.3 to 13.8 kV
- Maximum applicable motor from 500 cv (375 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



AC/DC CONVERTERS

TPD32

- Currents: 20 A to 3,300 A
- Power supply: three-phase 230 V and 400 V
- Operation in 2 and 4 quadrants (2 models)
- Speed and current regulator self-tuning
- Speed draw function
- Autocapture function (Flying start)
- Droop function



CTW900

- Supply voltage: 200 to 500 V
- Rated output current: 20 to 2,000 A
- Field current control up to 25 A
- Speed or torque control
- USB port
- SoftPLC
- Free software: WLP and SuperDrive G2



SERVO DRIVES

SWA - Servomotors

- Supply voltage: 220 to 575 V
- Torque: 0.8 to 40 Nm
- Sinusoidal CEMF
- IP65 protection rating
- Brushless
- Low inertia
- Low maintenance
- Fast dynamic response
- Low noise and vibration level



SCA06 - Servo converters

- Supply voltage: 220-230 V or 380-480 V
- High performance
- Precise motion control
- Closed loop operation
- Position feedback through resolver
- Control and power with independent power supplies



VOLTAGE REGULATOR

ECW500

- Soft start functionality for MTVC and MECC operating modes
- Maximum alternate voltage: three-phase or single-phase 242 V_{AC}, between lines
- Rated current: 20 A @ 110 V_{bc}, maximum of 30 A @ 210 V_{bc}, for 1 minute
- Measurements: synchronous machine three-phase voltage; synchronous machine current; excitation current; DC-link voltage



CONTROLS

MOTOR START AND PROTECTION

CWB and CWM - Contactors

- Complete line with models from 9 to 800 A (AC-3) and up to 1,260 A (AC-1)
- Several coil voltages available in AC and DC
- Complete range of accessories



CWC - Miniature Contactors

- Complete line from 7 a 22 A (AC-3)
- Integrated auxiliary contacts up to 16 A
- Low-consumption DC coils, allowing direct connection to PLCs



CWBC - Contactors for Switching Capacitors

- Available for switching capacitor banks up to 100 kVAr at 400/415 V
- Directly mounted on DIN rail 35 mm or tightened with screws



RW and RW_E - Overload Relays

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



PDW and ETW - Starters

- Direct on-line starters in thermoplastic enclosures:
 - Three-phase: up to 40 cv at 220 V and 75 cv at 380/440 V (IEC)
 - Single-phase: up to 2 cv at 127/220/254 V (NEMA) and 12.5 cv at 127/220/440 V (IEC)
- Star-delta starters in thermoplastic enclosures up to 25 cv at 220 V and 50 cv at 380/440 V (IEC)



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 overload up to 100 A
- Wide range of accessories



PDWCA - Starter with automatic switching

- Starter developed to drive two motors that need to alternate operation between each other, such as hydraulic pumps responsible for water supply in residential, commercial and industrial buildings
- Available in voltages 220 and 380 V, from 0.33 to 15 cv



RTW17, RMW17, RIEW17 and RNW - Electronic Relays

- Impulse, timing, level control and voltage monitoring relays
- LED for status indication
- Simple setup and operation
- Adjustments via external selector switches
- High-reliable contacts
- Excellent precision and repeatability
- Noise immunity



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



CIRCUIT PROTECTION

MSW - Compact Switch-Disconnectors

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



FSW, RIW, RFW - Switch-Disconnectors

- FSW fuse switch-disconnectors
- RIW and RFW rotary switch-disconnectors



MMW - Multimeters

- Direct and reverse energy measurement
- Memory for 1,920 hourly parameter records, 240 daily parameter records and 36 monthly parameter records for local reading or export via communication network
- Communication with RS485 isolated serial output, Modbus-RTU protocol
- Simple and easy parameter setting via front keys or remotely



FUSES

- Manufactured according to IEC 60269 in currents from 4 a 2,000 A
- Class aR, type NH and flush end: short-circuit protection for semiconductors/electronic equipment up to 800 V_{ac}
- Class gL/gG, type NH: short-circuit and overload protection for general applications up to 500 V_{ac}



ABW/ABWC - Air Circuit Breakers

- Rated current: up to 6,300 A
- Rated short-circuit breaking capacity: up to 120 kA (380/415 V)
- Standard tripping unit with LSIG protection
- Fixed and withdrawable versions
- Complete range of accessories
- Developed according to IEC 60947-2 international standard



VBW - Vacuum Circuit Breakers

- Rated current: 630 A and 1,250 A
- Rated voltage: 17.5 kV
- Rated short-circuit breaking capacity: 25 kA
- Distance between poles: 150 mm
- Complete range of accessories
- Robust and compact frame
- Vacuum insulated porcelain interrupter
- Developed according to IEC 602771-100 international standard



ACW - High-Capacity Molded-Case Circuit Breakers

- Complete range of accessories
- Rated current: 20 to 1,600 A
- Rated short-circuit breaking capacity: up to 200 kA (220/240 V)
- Models with adjustable electronic and thermomagnetic releases
- Protection of electrical circuits and motor circuits
- Developed according to IEC 60947-2 international standard



AGW - Molded-Case Circuit Breakers

- Breaking capacity: 18 to 45 kA @ 380 V
- Available in 4 frames: currents from 15 to 800 A
- Complete range of accessories
- Developed according to IEC 60947-2 international standard



DWB E DWA - Molded-Case Circuit Breakers

- Rated current: 16 to 1,600 A
- Rated short-circuit breaking capacity: up to 80 kA (380/415 V)
- Models with fixed, adjustable and electronic thermal and magnetic releases
- Developed according to IEC 60947-2 international standard



CIRCUIT PROTECTION

VBWK - Medium Voltage Input Modules

- Rated current: of 630 and 1,250 A
- Rated short-circuit breaking capacity: 10 kA (limited by the CT)
- Installation in masonry cabins
- Protection relay approved by the utility companies
- Supplied assembled with all the equipment interconnected, tested and ready for power up



DWP - Molded-Case Circuit Breaker for Buildings

- Rated current: 16 to 800 A
- Fixed thermal and magnetic releases
- Protection of electrical installations against overload
- Developed according to IEC 60947-2 international standard



CAPACITORS AND POWER FACTOR CORRECTION

METALIZED POLYPROPYLENE CAPACITORS - for Motor Run and Lighting

- Rated voltage U_n : 250 V/400 V/440 V
- Rated frequency: 50/60 Hz
- Capacitance tolerance: $\pm 5\%$
- Expected service life: 10,000h
- Protection safety class: A



UCW - Single-phase Capacitive Units

- Power ratings: up to 10 kVAr in diameters from 40 to 75 mm and 535 V_{ac}
- 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 380/440/480/535 V
 - 50 to 50 kVAr at 600/660/690 V



MCW - Three-phase Capacitor Modules

- Power ratings: up to 60 kVAr and 480 V_{ac}
- Single-phase capacitive units in delta connection
- Built-in discharge resistors



PECWA - Capacitors for Power Electronics in Alternating Current

- Capacitances: 10 to 400 μ F
- Voltages: 250 to 1,000 V_{ac}
- Dielectric in polypropylene film
- Self-healing technology
- Overpressure safety device
- Standards: IEC 61071 and UL 810
- Compliance with RoHS directive



PECWD - Capacitors for Power Electronics in Direct Current

- Capacitances: 75 to 1,300 μ F
- Voltages: 900 to 3,600 V_{dc}
- Dielectric in polypropylene film
- Self-healing technology
- Overpressure safety device
- Standard: IEC 61071 and RoHS
- Low equivalent series resistance (ESR) and no polarity



PECHV - Medium Voltage Power Capacitors

- Power rating: three-phase 50 to 300 kVAr and single-phase 50 to 200 kVAr
- Three-phase 2.4 to 7.2 kV
- Single-phase 4.16 to 8.66 kV (Y connection: 7.2 to 15 kV)
- Self-healing technology
- Overpressure safety device
- Standard: IEC 63210:2021



PUSH BUTTONS AND PILOT LIGHTS

CSW, CSW-M and CEW

- Wide range of products
- Modular and monobloc options
- Quick and simple mounting system
- High-reliable contacts
- Illumination blocks with integrated LED



CONTROLS

CAPACITORS AND POWER FACTOR CORRECTION

BCW and BCWP - Three-phase Capacitor Bank

- Power ratings: up to 100 kVAr and 535 VAc
- Capacitors connected in delta
- They have general protection with circuit breakers
- Electronic timing relay that protects the capacitors when reenergizing



BCWA - Automatic Capacitor Bank

- Power ratings: 20 to 120 kVAr
- Voltages: 220 V to 480 V 60 Hz
- General and 7-stage protection circuit breaker with automatic PF controller
- Optimized, facilities with grid-connected photovoltaic system
- Distribution of stage powers for greater accuracy in the correction
- Optimized for installations with grid-connected photovoltaic system or conventional installations in need of PF correction



PFW - Automatic Power Factor Controllers

- Switching of capacitors and reactors with 8 to 24 control steps available
- Ability to "learn" and record the reactive powers of the steps, eliminating the need for parameter setting of each one
- RS485 Modbus-RTU serial network communication



DRW - Detuning Reactors

- Voltage: 220, 380, 440 and 480 V
- Power rating: 9.0...63.3 (kVAr)
- Reduced vibration and noise
- High robustness
- Insulation class H (180 °C)
- Insulation voltage: 1 kV
- Installation harmonic content filter for the capacitor bank



TERMINALS, INDUSTRIAL PLUGS AND SOCKETS

BTW - Terminals

- Complete line of terminals, mini terminals and relay terminals
- Housing in polyamide PA66 with excellent dielectric properties and high mechanical strength
- EX certification
- Intelligent software for configuring terminal blocks and their accessories
- Complete line of accessories and terminal and cable markers



INDUSTRIAL PLUGS AND SOCKETS

- Resistant to impacts and corrosion
- Protection against indirect touch
- Rated current: 16 A, 32 A, 63 A and 125 A
- Number of poles: 3 (2P+G), 4 (3P+G) and 5 (3P+G+N)
- Rated voltages: 110 VAc, 220 VAc and 380 VAc
- Protection rating: IP44 and IP67
- Available in two lines: Standard and Premium



PROCESS CONTROL

PROGRAMMABLE LOGIC CONTROLLERS

PLC300

- Supply voltage: 24 Vdc
- 10 digital inputs
- 9 digital outputs
- 1 isolated input for encoder
- 1 analog input 0-10 Vdc/4-20 mA
- Expansion of up to 2 modules with digital and analog I/O
- Real time clock
- Human machine interface (HMI)
- 5 built-in ports: USB, RS232, RS485, CANopen and Ethernet
- Free WPS programming software



REMOTE UNIT

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



PROGRAMMABLE RELAY

CLIC 02

- Supply voltage: 12 Vdc, 24 Vdc or 110-220 VAc (50/60 Hz)
- Basic units of 10, 12 or 20 digital inputs and outputs or 4 analog inputs (0-10 Vdc/12 bits)
- Real time clock
- Two fast inputs 1 kHz
- Two PWM outputs and pulse train 1 kHz
- Free Clic02 edit V3 programming software



TPW04

- Supply voltage: 24 Vdc or 100/240 VAc
- Flexible basic units 10, 20, 30, 40 and 60 I/O points
- I/O expansion capacity
- Real time clock
- Built-in Modbus communication
- Free TPWPClink programming software



PLC500

- Versions: Standard/Motion Controller/Edge Device
- IMX Dual Core 1 GHz Processor + Coprocessor @240 MHz
- RAM/Flash memory: 1 GB/4 GB
- Extremely compact and modular design
- Digital inputs/digital outputs: 8/8 (PNP)
- 4 x inputs at up to 150 kHz
- Protocols supported: CANopen/Modbus-RTU/Modbus-TCP/EtherNet/IP/EtherCAT
- MicroSD card slot
- USB host input + USB input for programming
- 2 x Gigabit Ethernet ports
- Up to 8 local expansions supported



OPERATOR INTERFACES

MT

- Available sizes: 4.3" and 7"
- Low energy consumption
- Service life of more than 30,000 running hours
- Resistive touchscreen
- Free EasyBuilder Pro programming software
- Remote access to HMI via EasyAccess 2.0 activation card
- 10/100 Base-T Ethernet port
- RAM and Flash memory: 128 MB
- RS232 and RS485 communication supported



cMTX

- Available sizes: 7", 10.1" and 15.6"
- Capacitive screen for 15" and 15.6" models
- Programming function activated via CODESYS®
- Remote access to HMI via activation card
- EasyAccess 2.0
- MQTT Protocol
- Multi-gesture touchscreen
- 4 GB RAM and 1 GB Flash memory
- Wi-Fi Modbus-RTU and TCP/CANopen and SAE J1939 connection module supported



MACHINE SAFETY

SAFETY LINE

SAFETY

- Safety light screens
- Zero-force electronic pushbuttons
- Safety control system - SCSW
- Magnetic safety switch with radio frequency
- Magnetic sensors with safety function
- Emergency-stop push-button with monitored contact
- Safety emergency pull-cord switch
- Safety blocks for presses
- Contactors for safety application
- Two-hand controls
- 3-stage safety foot switch
- Interlock safety switches
- Safety relays
- Limit switches
- Safety PLC
- Compact switch-disconnectors



INDUSTRIAL SENSORS AND POWER SUPPLIES

SENSORS

- Inductive
- Capacitive
- Optic
- Magnetic
- Magneto-resistive (hall effect)
- Pick-up magnetic type



POWER SUPPLIES

- Power supplies for sensors
- Regulated power supplies for equipment in electrical panels



LIMIT SWITCHES

LSW

- Interchangeable contacts and a wide range of heads and fast and slow action contacts
- Shorter assembly time, as the switches are assembled at the factory
- High durability even in harsh environments



BUILDING & INFRASTRUCTURE

CIRCUIT PROTECTION

MDWP and MDWH

- Miniature Circuit Breakers

- Currents: 2 to 125 A
- One, two, three and four poles
- Breaking capacity:
 - 1.5 kA to 10 kA (230/400 V_{AC}) NBR NM 60898
 - 5 kA to 10 kA (230/400 V_{AC}) NBR IEC 60947-2



SPW02 - Surge Suppressors

- Protection of equipment and installations, classes I and II (for direct and indirect discharges), 12, 20, 45 and 60 kA for class II, plug-in connection and auxiliary contact (optional)



TTW01-QD

- Switch Board Panels

- Robust and compact frame
- Metallic panels in a single assembly, allowing faster mounting and greater robustness in handling and maintenance
- Wide range of mounting kits, allowing a great variety of arrangements
- Possibility of installing modular components on DIN rail up to 630 A molded-case circuit breakers in compliance with NBR IEC 61439



SIW - Switch-Disconnectors

- Disconnection of electrical circuits with rated current up to 100 A
- Two, three and four poles
- Compliance with IEC 60947-3
- Lock with a padlock (optional)
- Auxiliary contact block (optional)



QDW - Switch Board Panels

- Installation of 4, 6, 8, 12, 18, 24 and 36 circuit breaker modules
- Surface and flush-mount models
- Smoked and white cover
- Stickers for circuit identification included



RDWS, RDWH - Residual Current Devices

- Protection against leakage current
- Sensitivity: 30 mA (life protection) or 300 mA (installation protection)
- Two and four poles
- Currents: 25 to 100 A
- Optional blocks: adapter, contact, undervoltage and trip



VDI - Distribution Panel

- They allow you to organize your phone, internet and TV devices in a simple and practical way
- Available sizes: 20x20 cm and 30x30 cm



BWW - Busbar Trunking System

- Rated current ranges: 250 A to 5,000 A with aluminum conductors (copper on request)
- Available in IP31, IP54 and IP55 protection rating, depending on the model
- Plug-in tapping for loads up to 630 A
- Product tested and certified according to IEC 61439-6 and approved by local utility companies for building application
- WEG training for installation and design



INDUSTRIAL PLUGS AND SOCKETS

PIW - Industrial Plugs and Sockets

- Resistant to impacts and corrosion
- Protection against indirect touch
- Rated current: 16 A, 32 A, 63 A and 125 A
- Number of poles: 3 (2P+G), 4 (3P+G) and 5 (3P+G+N)
- Rated voltages: 110 V_{AC}, 220 V_{AC} and 380 V_{AC}
- Protection rating: IP44 and IP67
- Available in two lines: Standard and Premium

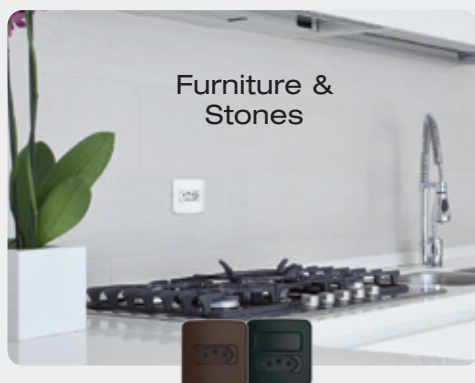


IEC 61439 TESTED PANEL SYSTEM

TTW01 - IEC 61439 Tested Panel System

- Electrical panels tested according to NBR IEC 61439
- Supply through accredited integrators, ensuring quality and speed in the manufacture
- Modularity - expansion without requiring electrical/mechanical intervention on the existing panel
- Rated current: main busbar up to 5,000 A
- Short-circuit current: 65 kA/1s; 80 kA/0.3s
- Mounting: 1, 2 and 3b
- Distribution configurations or motor starters with drives





DOUBLE USB WI-FI SOCKET - FLUSH

- Smart sockets integrated into the Refinatto line
- Customization of routines via WEG Home app and voice assistants
- Maximum power rating: 2,500 W (set)
- USB output: 5 Vdc - 2 A - 10 W
- 2.4 GHz Wi-Fi connection



PLUG

- Remote activation of home appliances by voice command or via WEG Home app
- Routine customization
- Energy consumption measurement of connected devices
- Dual voltage: 100-240 VAc
- Maximum current: 10 A
- Maximum power rating: 2,400 W



LIGHTING AND SHUTTER RELAYS

Switch module

- Light activation control by voice command or via WEG Home app
- Dual voltage: 90-250 VAc
- Maximum current: 10 A
- Parallel connection with simple switches and pushbuttons
- Integration between modules via app, enabling the configuration of virtual parallel connections
- 2.4 GHz Wi-Fi connection



Dimmer module

- Customization of lighting routines with control of luminous intensity
- Dual voltage: 90-250 V
- Maximum power rating: 150 W
- Parallel connection with pushbutton switches
- 2.4 GHz Wi-Fi connection

Curtain module

- Customization of routines with control to open and close curtains
- Parallel connection with shutter switches
- Dual voltage: 90-250 VAc
- Maximum power rating: 500 W
- 2.4 GHz Wi-Fi connection

LINE OF TOUCH SWITCHES

- Available in white and black, with up to 4 buttons (4x2) and 6 buttons (4x4)
- Customization of routines via WEG Home app and voice assistants
- Integration between switches via app, enabling the configuration of virtual parallel connections
- Dual voltage: 90-250 VAc
- Maximum current: 10 A
- 2.4 GHz Wi-Fi connection



USB SOURCE

- Type A USB source, suitable for various electronic devices, such as cameras, Bluetooth® speakers and toys
- Dual voltage: 100-240 VAc
- Output voltage: 5 Vdc
- Maximum current: 1 A or 2 A options
- Maximum power rating: 5 W or 10 W



WEG HOME

CAMERAS

PTZ indoor camera

- 355° panoramic and 100° vertical field of view
- SD and Full HD resolutions
- Night vision
- Motion detection
- MicroSD local storage up to 128 GB¹⁾



Fixed indoor camera

- SD and Full HD resolutions
- Night vision
- Motion detection
- MicroSD local storage up to 128 GB¹⁾

IP65 outdoor camera

- Dust and rain resistant
- Full HD resolution
- Night vision
- Motion detection
- Angle of view: 90°
- MicroSD local storage up to 128 GB¹⁾

Note: 1) Memory card not included.

SENSORS

Door or window sensor

- Precise monitoring of the opening of doors, windows and drawers
- Issue of warning signals via WEG Home app
- Long-lasting rechargeable battery



Motion sensor

- Precise infrared motion detection
- Issue of warning signals via WEG Home app
- Long-lasting rechargeable battery

UNIVERSAL CONTROL

- Centralized electronics control in a single device
- Multidirectional infrared control
- Range: up to 10 m
- Power supply: 5 Vdc/1 A



CRITICAL POWER

UPSS

HOME LINE

- Interactive topology
- Semi-sinusoidal output
- Power ratings: 600, 800 and 1,200 VA
- Single-phase
- Output: 115 V
- Power factor: 0.5
- Sealed batteries
- Audiovisual alarm
- Built-in stabilizer
- Protection against power outage, undervoltage and overvoltage



CORPORATE LINE - Sinusoidal

- Double conversion topology
- Power ratings: 3 kVA and 5 kVA
- Input voltage: 120 V or 220 V
- Single-phase
- Output voltage: 120 V or 220 V
- Power factor: 1
- USB communication
- Sealed batteries
- Built-in stabilizer
- Protection against power outages, undervoltage and overvoltage, frequency variations, noise, surges and harmonic distortion



PERSONAL LINE - Single-phase

- Interactive topology
- Semi-sinusoidal output
- Power rating: 1,200 VA
- Single-phase
- Output: 220 V
- Back up time: 40 minutes
- Power factor: 0.45
- 6 outlets on top
- Built-in stabilizer
- Protection against power outage, undervoltage and overvoltage



ENTERPRISE LINE - Three-phase

- Double conversion topology
- Power ratings: 10 kVA – 200 kVA
- Three-phase
- Input voltage: 220 V or 380 V
- Output voltage: 220 V or 380 V
- Power factor: 0.8
- Industrial standard HMI above 50 kVA
- Modbus-RTU and Modbus-TCP/IP
- Protection against power outages, undervoltage and overvoltage, frequency variations, noise, surges and harmonic distortion



OFFICE LINE - Sinusoidal

- Interactive topology
- Power ratings: 1,500, 2,400 and 3,300 VA
- Automatic dual voltage input
- Single-phase
- Selectable dual voltage output
- Power factor: 0.6 and 0.8
- Protected batteries
- Electronic circuit breaker
- Built-in stabilizer
- Protection against power outage, undervoltage and overvoltage



THOR WORLD LINE - Single-phase

- Online sinusoidal
- Power ratings: 2 kVA – 15 kVA
- Automatic dual voltage input up to 6 kVA
- Single-phase
- Selectable dual voltage output up to 6 kVA
- Digital online bypass
- Electronics hot-swappable system
- Ultra isolation transformer
- Protection against power outages, undervoltage and overvoltage, frequency variations, noise, surges and harmonic distortion



RECTIFIERS

RECTIFIER LINE - Industrial Charger Rectifier

- Power ratings: 15 A – 500 A
- Input: 220 V – 690 V
- Output: 24 V_{dc}, 48 V_{dc}, 125 V_{dc} and 250 V_{dc}
- Safety, energy efficiency, easy operation and remote management
- Micro controlled digital control
- LCD display for operation and electrical measurements
- LEDs for remote indication
- Event log



BATTERIES

VRLA - Sealed Batteries

- Power ratings: 1.3 Ah – 150 Ah
- Voltage: 12 V
- Valve-regulated
- No gas emission
- Horizontal mounting is possible
- Maintenance-free operation
- Electrolyte absorption system that prevents leakage



MEDICAL IT

INSULATION AND GROUNDING SYSTEM

- For supervision, diagnosis and automatic location of insulation faults
- Composed of manageable insulation monitoring device, concentrator, annunciator and separation transformer
- NBR 13534 and RDC50 (Anvisa) standards
- Greater safety for the patient and the clinical staff
- Phase loss sensor, overcurrent sensor, temperature monitoring device and insulation monitoring



SOLAR POWER

PHOTOVOLTAIC EQUIPMENT

- Photovoltaic kits for homes, commercial buildings and industry equipped with modules, inverters, structures, cables and DC connectors and main protections
- String inverter and power plants from 2 kW to 10,000 kW
- Photovoltaic modules of different power ratings
- Turnkey solutions Turn key for large projects and investors



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