

# Industrial Refrigeration Control Solutions

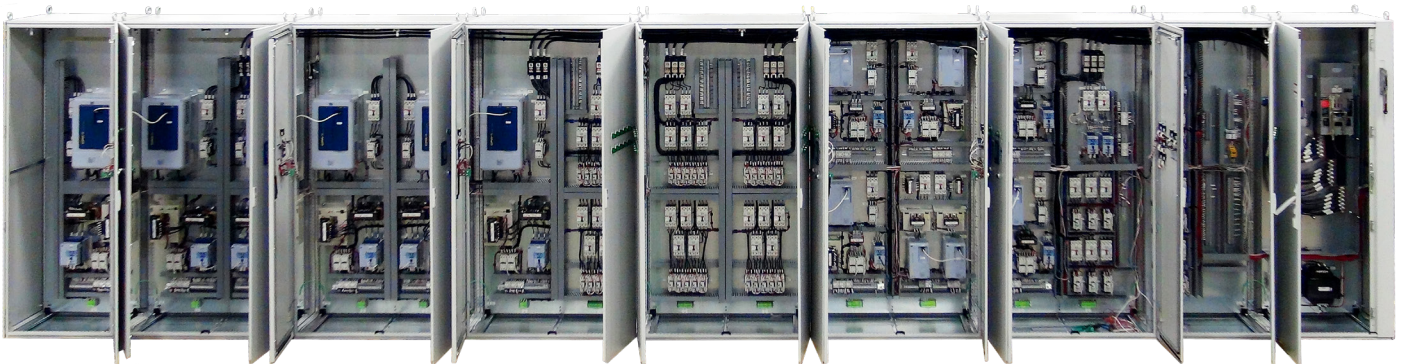
Multiple Motor Control Panel for  
Industrial Refrigeration Process Management



# Multiple Motor Control Panel for Industrial Refrigeration Process Management

## Motor Control and Motor Protection

- Evaporator Condenser Pumps and Fans
- Cooling Tower Pumps and Fans
- Condenser and Dock Heaters
- Screw Compressors
- Reciprocating compressors



# Multiple Motor Control Panel for Industrial Refrigeration Process Management

## Competitive Features

- Power ratings: Fractional to 100 HP
- Single-phase and three-phase versions
- Power supply: 200-240 Vac, 380-480 Vac and 500-600 Vac
- Normal and Heavy Duty ratings (ND/HD)
- Ambient temperature 50°C without derating
- Main Circuit Breaker Disconnect – rotary or flange
- NEMA 1, NEMA 12 or NEMA 3R
- 65Kaic @ 460V or Below
- Starters: ATL, RVSS, VFD, VFD w/Bypass
- RS485 communications available through terminals (Modbus ready)
- Plug & Play accessories available
- I/O Expansion modules
- Communication modules
- Soft PLC function allows for ladder program development
- Flash Memory Module saves VFD parameters
- Ventilated or AC options
- Door Mounted options: Pilot Devices & Keypads

## Request for Proposal Requirements

- Line Power
- Control Power
  - Supplied at site
  - Need to be generated - CPT required
- Site Location
- Equipment Location: Indoors or Outdoors
- Ambient Temperature: Hi & Low
- Starts per Hour
- Number of Motor starters required
- Power Cable Entrance and Exit
- QTY – HP – FLA of Motor Starters Required:
  - ATL
  - RVSS
  - VFD
  - Heater
- Communications
- Soft PLC function allows for ladder program development
- Flash Memory Module saves VFD parameters
- Distance from the motor control panel to the motors



Custom Paned Assembly Area



WEG Electric Corp. offers the following products, and more! With a full range of IEC/NEMA Global Certifications and a full line of products, WEG can supply the right solution for your needs anywhere in the world. To learn more about WEG's products and solutions or to locate a Distributor near you, please call 1-800-ASK-4WEG or visit www.weg.net.

**Low Voltage Motors,  
Single and 3-Phase, 1/8 – 700HP**

- General Purpose Motors
- Explosion Proof Motors
- Crusher Duty Motors
- IEC Tru-Metric Motors
- Pump Motors including JP/JM
- P-Base Pump Motors
- Oil Well Pumping Motors
- Pool & Spa Motors
- Brake Motors
- Compressor Duty Motors
- Farm Duty Motors
- Poultry Fan Motors
- Auger Drive Motors
- IEEE 841 Motors
- Stainless Steel Wash Down Motors
- Saw Arbor Motors
- Cooling Tower Motors
- Commercial HVAC Motors
- Pad Mounted Motors
- Vector Duty Motors

**Large Electric Motors**

- Low Voltage 3-phase motors up to 2,500HP
- Motors up to 70,000HP and 13,200V
- Wound Rotor Systems (including starters) up to 70,000HP and 13,200V
- Synchronous Motors up to 70,000HP and 13,200V
- Explosion proof motors (Ex-d) up to 1,500kW and 11kV
- Ex-n, Ex-e, Ex-p motors

**Variable Frequency Drives**

- Low Voltage 1/4 to 2500HP, 230V – 480V
- Medium Voltage 500-8000HP
- Multi-pump systems
- NEMA 4X
- Dynamic braking resistors
- Line and load reactors
- Plug and play technology
- Network communications: Profibus-DP, DeviceNet, Modbus-RTU
- PLC functions integrated
- Complete line of options and accessories

**Soft Starters**

- 3-1500HP
- Oriented start-up
- Built-in bypass contactor
- Universal source voltage (230-575V, 50/60Hz)
- Network communications: Profibus-DP, DeviceNet, Modbus-RTU
- Complete Line of options and accessories
- MV Soft-starter 3.3kV, 41.6kV: up to 3500HP, Withdrawable Power Stacks, & 8x PT100 Temperature monitoring

**Controls**

- Mini – Contactors
- IEC Contactors
- Thermal Overload Relays
- Manual Motor Protectors
- Molded Case Circuit Breakers
- Smart Relays
- Enclosed Starters: combination & non-combination,
- Pushbuttons & Pilot Lights
- Timing & Motor Protection Relays
- Terminal Blocks

**Custom Panels**

- Custom configured to your specification.
- NEMA 1, 12, 3R, 4 and 4X cabinets
- Quick delivery of preconfigured drives and soft starters
- UL 508 certified
- Low Voltage (230-460)
- Made in the U.S.A.

**Generators**

- Brushless Synchronous Generators for diesel gen-sets up to 4,200kVA
- Hydro-generators up to 25,000kVA
- Turbo-generators up to 62,500kVA

**Power Transformers**

- Built and engineered in North America
- Voltages < 500kV
- Ratings 5-300MVA
- Station class, oil filled, round core, copper windings
- Special configurations and designs available!
- Ask your WEG Sales Representative for details.
- Designed, built, and engineered to ANSI standards.

**Custom Solution Package Sales**

- WEG can package any of its products for ease of sale! Enjoy a single point of contact for the entire package of products and assistance from quote through after-sales support. Ask your WEG Sales Representative for details.

For more information or a quote contact:



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