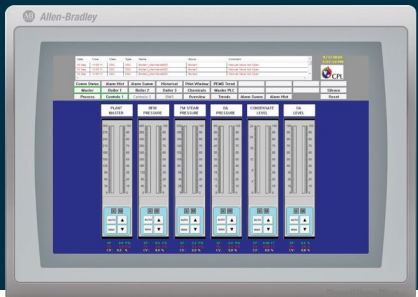




# Product & Service Catalog



# Control & Automation Systems

VFDs / Soft Starters / Controls / PLCs

Industrial Service Solutions is capable of handling and supplying all of your controls requirements and offer equipment from a large variety of industrial control manufacturers.

## VARIABLE FREQUENCY DRIVES (VFDs)

We provide single-phase and three-phase VFDs for a variety of AC and DC applications, from small electric motors to high power induction motors.



## SOFT STARTERS

We utilize soft starters to ensure the best performance for each application. They allow motors to start and stop in a smooth and efficient way, which protects the motor and the load from torque shocks or jolts.



## CONTROLS

Our controls take your machines to the next level of performance. They can be tailored to any machine make or model and are free of restrictions on configurations, customizations, and data access.



## PROGRAMMABLE LOGIC CONTROLLERS (PLCs)

Optimize panel space and simplify maintenance jobs by replacing auxiliary contactors, timers, and counters with PLCs designed for interlocking, timing, counting, and math operation tasks at high-speed.



- CONTROLS
- MOTORS
- PUMPS
- VALVES
- COMPRESSORS
- PNEUMATICS
- SAWMILLS
- METAL RECYCLING
- TRANSIT & RAILROAD
- WATER & WASTEWATER
- DIMENSIONS & MOUNTING



# Custom Panels Designed & Fabricated

*Certified UL 508A Panel Shop*

## AC DRIVE / VFDs SYSTEMS

We provide AC variable frequency drives (VFDs) for heavy-duty industrial applications in the most harshest of environments. We are a systems integrator providing tailored solutions to your exact specifications.

## DC DRIVE / SCR SYSTEMS

We have over 40 years experience in SCR drive design. This allows us to provide SCR systems of any size and complexity. All components of our designed SCR systems are generic and not proprietary.

## GENERATOR CONTROL PANELS

Our controls utilize Woodwardor Basler Generator Control Modules, which facilitate engine control, synchronization, kW load control, re-active (KVAR) control, automatic generator sequencing, generator and engine protection, and communication interface and display.

## MOTOR CONTROL CENTERS (MCCs)

We can integrate any system on the market. Our motor control centers are customized to match your equipment. We can package MCCs inside e-houses that come pre-wired and ready to use.

## SWITCHGEAR CABINETS

We build low, medium, and high voltage switchgears for heavy-duty applications. Our switchgears are built to your specifications and meet all regulatory requirements.



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# Custom E-Houses & Power Distribution Centers

*Mobile / Semi-Mobile / Fixed / Skid / Onboard*

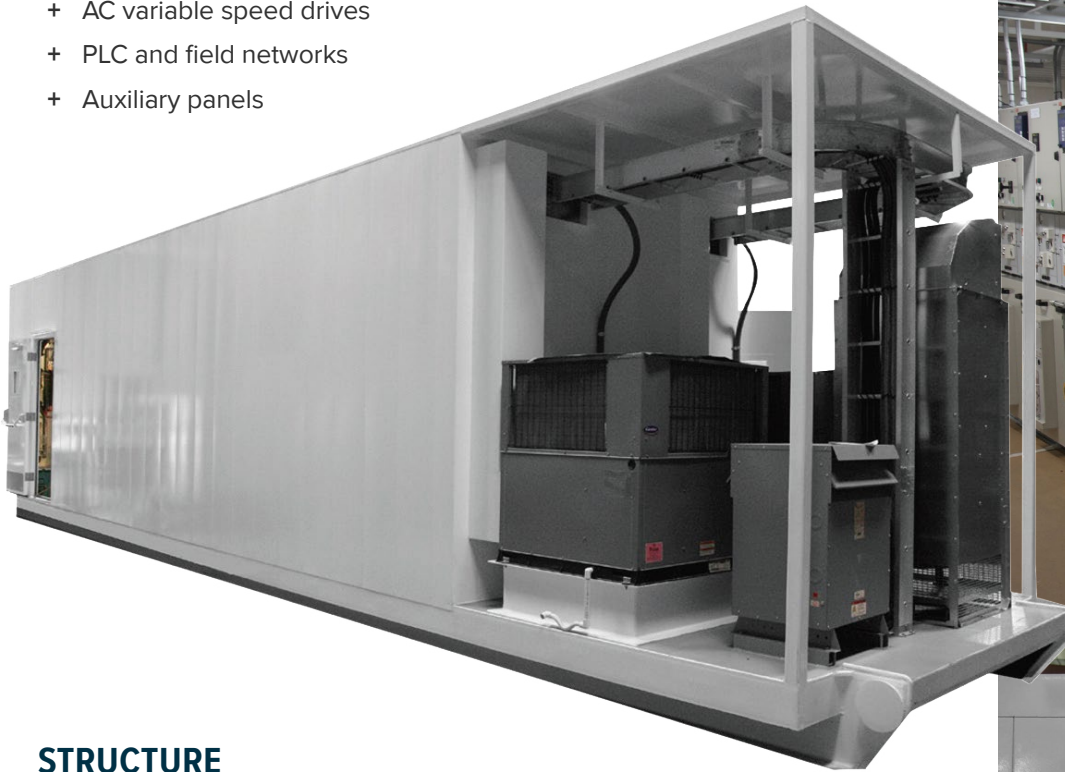
## APPLICATIONS

- + Mining & Metals
- + Oil & Gas
- + Power Generation
- + Processing Industries

Industrial Service Solutions integrates complete electrical and automation systems to specification and packages them in custom e-houses, control consoles, and containers. Each unit is delivered assembled, interconnected, and fully tested at the factory. There are no size limitations and can be used in many different environments, from the arctic to the tropics.

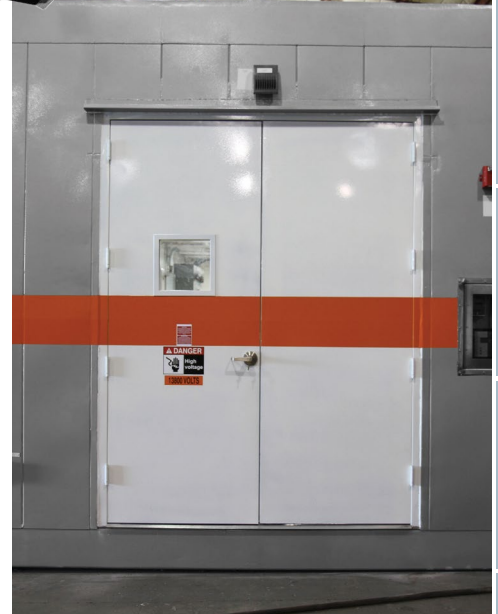
## COMPONENTS

- + Medium voltage switchgear and controls
- + Medium and low voltage Motor Control Centers (MCCs)
- + Dry and oil transformers
- + Control panels and protection relays
- + Air conditioning and pressurization systems
- + Fire detection and extinguishing system
- + UPS system back-up integration, battery banks and rectifiers
- + Medium and low voltage soft starters and frequency inverters
- + Automation system, including supervisory and control stations
- + DC SCR system for drilling applications
- + AC variable speed drives
- + PLC and field networks
- + Auxiliary panels



## STRUCTURE

- + Wall, ceiling, and roof frames made from square steel tubes
- + Thermal insulated walls and ceiling constructed from steel galvanized sheets and rock wool
- + Thermal insulated doors with stainless steel hinges
- + Weld and painting processes inspected by accredited personnel
- + Options: gutters, platforms, catwalks, ladders, railings, hand rails, anti-slip floor paint, and acid/corrosion resistant coating



CONTROLS

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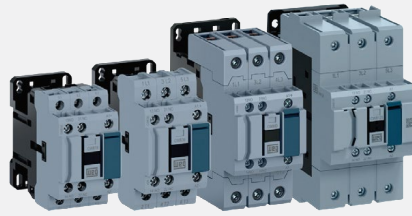
DIMENSIONS & MOUNTING



# Replacement Parts for Control Panels



*Circuit Breakers*



*Contactors*



*Relays*



*Push Buttons*



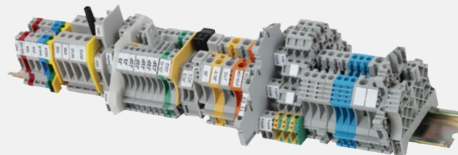
*Pilot Lights*



*Switches*



*Quick Disconnects*



*Terminal Blocks*

*Other Spare Parts*

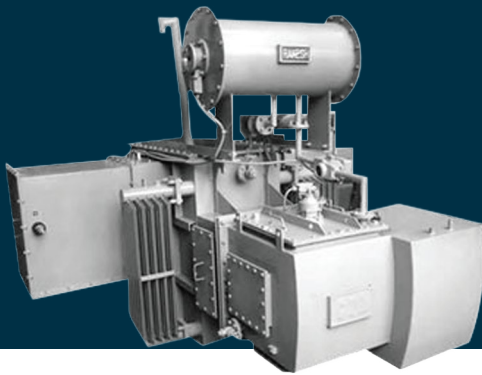




# Generators 30kW – 5000kW

*New & Remanufactured*

We provide both new and remanufactured generators from 30kW to 5000kW. Generators can be built from 240V to 12kV. All generators are built to strict industry standards and customer specifications and come with a one year parts and labor warranty.



# Transformers

*New & Remanufactured*

We provide transformers for almost every type of application. Our staff can assist you in choosing a designed transformer to meet your individual factors such as voltage, power, climate, system topography, sound level, and many more.



(888) 384-2111 840 Gessner Rd, Ste 950, Houston, TX 77024 [ISS-NA.com](http://ISS-NA.com)

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