

Custom Switchgear

Introduction

Lake Shore Electric Corporation has been manufacturing Switchgear since we started business in 1922. No two jobs are ever the same when it comes to Switchgear, which is why we can accommodate most types of generator control applications with both UL and non-UL listed solutions.

We are dedicated to providing our customers with the communication and control solutions they have chosen to work with. From simple single engine solutions to more complex switchgear for emergency standby or prime power applications incorporating multiple engine generators and various options such as import/export control, cogeneration, base loading, peak shaving, and/or soft loading and unloading.

The control logic may be programmed into the customized HMI touch screens or done completely through electromechanical controls. This is truly dependent on the customer preference and requirements. There are examples of some of our software screens on our website page for Custom Switchgear available for review.

Other companies who offer "Off the Shelf" switchgear will not always provide the required solution. And sometimes this solution doesn't always add up to the required cost savings a customer needs to see. Modifying an off-the-shelf product, as opposed to building a custom product is not always the most cost-effective option.

Lake Shore Electric offers competitively priced custom switchgear that works with any generator manufacture. Send us your specifications or drawings and we will provide a detailed quote on the customized equipment required. We work with our customers to build to their requirements, not ours.

Lake Shore Electric has decades of successful installations. Here are a few examples...[TAKE A LOOK FOR YOURSELF](#)

Description of Operation

Each Switchgear unit is unique and will have a custom description of operation. Whether it be from controlling one, or multiple, generator(s), the switchgear will operate per the customer specifications and not based off of a pre-programmed, "Off the Shelf" unit.

Examples

On the reverse side of this informational sheet, there are several pictorial examples of switchgear Lake Shore Electric has built in the past. This is to offer additional information to our customers on our capabilities and what we may provide for you.

Recommendations

Please consult the factory for further information on the custom equipment required for your project. We offer free consultations and quotes for all custom equipment.



Product Overview

- Custom Built Switchgear per Customer Specifications
- UL 891 Listed or Non-Listed
- Custom Amperage per Customer Specifications
- 100% Rated Equipment
- 100% Rated Copper Bus
- Low or Medium Operating Voltages
- Electromechanical or Programmable Based Controls
- Custom Controls
- Custom Metering
- NEMA 1, 3R, 4, or 4X Enclosures
- Metal Clad Enclosures
- Front and/or Rear Accessible
- Safe Manual Transfer Under Load

Software Product Options

- Setting Up the Automatic Exerciser Controls
- Read / Log Alarm and Event Histories
- Adjust Timer Settings
- Perform Automatic Load Shed Functions
- Read / Log Metering Data
- Basic Operator Login Security
- Custom Controls
- Revenue Metering



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 Rev: September 2019