



Sales Brochure

# UL891 Distribution Switchboard

Distribution switchboards are fed by customer's utility transformer. These switchboards are provided with branch feeder circuit breakers to feed various facility loads.

MCG distribution switchboards are conservatively designed and are certified by ETL to UL891.

MCG has sent equipment to the Square D high current lab in Cedar Rapids, Iowa for necessary fault testing. We bring in high current injection equipment to our facility to do heat rise testing when required.

You can rest easy with our excellent switchboards!

## MCG UL891 Distribution Switchboard

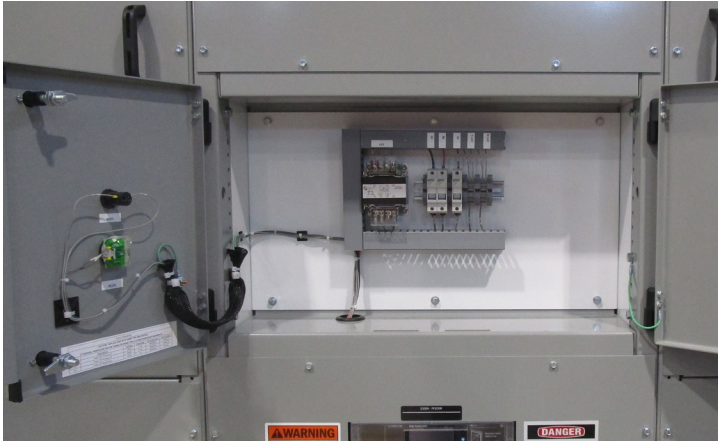
UL891 switchboards provide our customers with high quality distribution equipment.

**Why use MCG?** Because the enclosure designs are our own, we can provide dimensional flexibility.



### Features:

- Indoor or outdoor rated
- Superior delivery velocity
- Copper or aluminum busbar
- Up to 6000A, 600V, 100kA ratings
- Arc reduction maintenance switches
- Designed for use as service entrance
- Main circuit breaker or main lugs only designs
- Front access only or front and rear access designs
- Available with various options
  - Metering
  - Automated main-tie-main throwover
  - Fixed mount or drawout circuit breakers
  - Surge protective device with circuit breaker



## Product Specifications

Material:	12 gauge steel, powder coat paint
Dimensions:	Typical section measures: 90" high x 24 - 42" wide x 36 - 66" deep. Custom dimensions are available.
Circuit Breaker Provided:	Schneider, ABB, Eaton, or LS Electric
Circuit Breaker Type:	Molded case or power circuit breaker (fixed or drawout)
Voltages Available:	208, 240, 480, 600VAC
Current Ratings Available:	up to 6000A
Interrupting Ratings Available:	up to 100kA
Construction Features:	NEMA 1 or NEMA 3R designs 12 gauge steel / galvanized steel used for outdoor designs
Optional Features:	Internal space heaters with thermostat
Other Features:	High accuracy metering, protective relaying, lock-out relay, drawout circuit breakers, remote control and monitoring, etc.



## About Mission Critical Group

Mission Critical Group (MCG) is an end-to-end power system solutions and services provider that accelerate time-to-power for essential infrastructure. Through integrated engineering, manufacturing, and field services, MCG delivers reliable power systems for behind-the-meter and mission critical applications.

With deep engineering expertise and a robust U.S.-based manufacturing network, MCG delivers fast, tailored power solutions with the technical support to match. Backed by a nationwide team of experts, we help keep power running for critical operations.

## Accelerating Time-to-Power

MCG accelerates time-to-power by uniting design, manufacturing, and service with integrated program management and a fast, flexible U.S.-based supply chain.

### Key Advantages

- Unified engineering, manufacturing, and service eliminates vendor handoffs and streamlines communication.
- Direct oversight from design to delivery speeds execution and minimizes risk
- Fast-deploying solutions, both pre-engineered and engineered-to-order, maintain high reliability.
- Trusted by operators in data center, healthcare, and industrial sectors for proven performance.

## Mission Critical Group Capabilities

### Power Infrastructure Solutions

- Custom electrical power systems
- Integrated switchgear and control solutions
- Engineered power generation systems
- Electrical distribution systems
- Mission critical infrastructure support

### Engineering and Services

- System design and electrical engineering
- Program management and project execution
- Manufacturing and factory integration
- Field commissioning and startup support
- Lifecycle service and maintenance