

# UL891 Switchboards

## DESCRIPTION

Engineered to meet the specific dimensional and electrical requirements of your application, with options for custom designs or standardized configurations up to 5000A and 600V. Our switchboards support full integration of components from leading electrical manufacturers.



## FEATURES AND BENEFITS

- Voltage - Up to 600VAC, Up to 250VDC maximum
- Ampacity - 400A to 5000A maximum bus rating
- Switchboard ratings through 5000A, 100kA up to 480V, 100kA up to 600V
- Type 1 or 3R enclosures
- Paint ANSI 61 – Standard, other colors available as options
- Front, rear, and side accessibility
- Devices can be individually (vertically) or group (panel horizontally) mounted
- Custom sheet metal and bus flexibility for busway and transformer connections
- Extensive protective device accessories available
- Silver-plated copper bus, or optional tin plated or bare copper
- 1000A per sq in. fully rated copper bus systems

## LOW VOLTAGE SWITCHBOARDS UL 891

- Full customization and design flexibility
- Component and metering
- Selection options
- Fully rated bus based on
- Density ratings
- Seismic evaluation available
- Indoor and outdoor applications
- UL or cUL listed; meets ANSI, IEEE, and NEMA standards

## UL891 Switchboards

### FEATURES AND BENEFITS (CONT.)

- Rigid frame construction isolating bus and breaker assemblies from enclosure
- Metering compartments built to applicable Utility standards
- Variety of fully integrated component options available including automatic transfer switches, SPD, distribution transformers, and PLC or relay based transfer schemes, automation, metering and monitoring
- Switchboard fed by cables, cable bus, bus duct, or transformer
- Fixed-mount or draw-out breakers for both mains and feeders
- Group mounted, fix-mounted fusible switch mains and feeders or combination of fixed mounted breakers and fusible switches
- Thermal magnetic, electronic circuit breakers with standard, high kAIC or current limiting capability, 80% or 100% rated
- All commercially available UL Listed options on circuit breakers and fusible switches

### PRODUCT SPECIFICATIONS

- UL 100kA ratings at 480V through 5000A with suitably rated components
- Seismic evaluated

### TECHNICAL SPECIFICATIONS

- Switchboards meet or exceed applicable industry standards, including UL891, CSA, NEMA standards PB-2, NEMA 1 and NEMA 3R enclosures.
- Uses UL489 or UL1066 listed breakers.

### MPD DIFFERENCE

- UL 100kA at 600V from 2000A to 5000A ratings with suitably rated components
- Seismic evaluation available
- Fully rated bus is based on density ratings, resulting in greater efficiency and lower operating temperatures.
- All enclosures are designed for specific application with dimensional flexibility and finished using state of the art powder coating system.
- Component and metering selections are based on value engineering for the application and optimized to meet specifications. Version: 2025\_01\_03\_Rev01.

# Power your world.

**Modular Power & Data**

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