

UL 891 Switchboards

GW Modular UL 891 switchboards are engineered to meet demanding industry standards while delivering reliable and efficient power distribution for mission-critical applications. Built with flexibility and scalability in mind, our switchboards form the backbone of modern electrical infrastructure and data center power distribution systems.



SPECIFICATIONS



UL 891
Certified



Up to 4000A
Maximum ampacity



480Vac, 3-phase, 60Hz
Nominal voltage



65kAIC standard
Up to 100kAIC option

KEY ADVANTAGES

- Modular configurable sections for main breakers, feeders, and metering
- Front-accessible components for ease of maintenance
- SCADA and BMS monitoring compatibility
- Finger-safe, IP20-oriented design for operator protection
- Delta or Wye power system service flexibility
- Engineered for reliable, efficient critical power distribution

Let's talk about your next project.
sales@gwmodular.com



GW Modular
A DBM GLOBAL COMPANY

DESIGNED FOR RELIABILITY, SERVICEABILITY, AND SMARTER POWER DISTRIBUTION

GW Modular UL 891 switchboards deliver a future-ready solution for mission-critical facilities. Our modular architecture ensures flexibility, simplifies maintenance, and integrates seamlessly with digital monitoring systems - helping you maximize uptime, safety, and operational efficiency.

PRODUCT HIGHLIGHTS

- ✓ UL 891 Certification
- ✓ Modular design with customizable sections for main breakers, feeders, and metering
- ✓ Front-accessible components with clear labeling for quick identification
- ✓ Finger-safe design that meets IP20 standards and reduces risk of contact with live parts

ADVANCED STANDARD FEATURES

- ✓ Standard 100W space heaters are included
- ✓ Durable metal enclosures with an optimized busbar layout that enhances energy efficiency and minimizes electrical losses

BUILT FOR WHAT'S NEXT

- ✓ Critical power ready: engineered for mission-critical environments with UL 891 certified performance
- ✓ Customizable architecture: modular sections adapt to project needs - scalable, flexible, and future-ready
- ✓ Safety-focused design: finger-safe construction meets IP20 goals to protect people and equipment
- ✓ Efficient power distribution: optimized busbar layout and high-quality components reduce losses and improve energy efficiency



DRAW-OUT BREAKER
Easy maintenance with draw-out design for faster inspection and replacement



HIGH-CONDUCTIVITY BUS
Tin-plated copper bus bars offer superior conductivity, durability, and thermal performance



INTEGRATED METERING
Built-in metering, CTs, and control interfaces with SCADA/BMS-ready connectivity

TECHNICAL SUMMARY

ATTRIBUTE	SPECIFICATION
Certification	UL 891
Voltage	480Vac
Frequency	60Hz
Control Power	120V
SCCR	65kAIC; up to 100kAIC optional
Maximum Current Ampacity	Up to 4000A
Power System	Delta or Wye with service grounding bus bar

ATTRIBUTE	SPECIFICATION
Breaker Styles	MCCB Draw-out (standard) and/or fixed; fuse & non-fuse disconnect switches optional
Monitoring & Integration	SCADA & BMS Compatible
Protection	PQM, SPD (Class 1/2/3), Breaker status indicators, CTs
ATS	Integrated ATS for dual incoming powers
Enclosure	NEMA Type 1
Bus Construction	Tin-plated copper