Intelligent Solutions Group International

Low-Voltage Switchboards

Low-voltage distribution switchboards with configurable protection, bus construction, and monitoring.



Representative configuration

KEY FEATURES

- Bolted or modular construction options
- Breaker options from established manufacturers
- Remote monitoring and control configurations
- Application-specific protection and enclosure selection

TECHNICAL SPECIFICATIONS

Electrical Ratings	
Voltage	480V / 600V
Current Rating	Up to 6000A
Frequency	50Hz / 60Hz
Short Circuit Rating	100kA
Breaker Make	Schneider SQD / LS Electric / ABB / Eaton / Siemens
Construction	
Form of Separation	Dead Front Switchboards
Busbar Type	Copper / Aluminium, Silver Plated
Enclosure	NEMA 1 / NEMA 12 / NEMA 3R (Optional)
Breaker Types	Fixed & Electrically Draw-out ACB
Protection Features	LSIG, ERMS, 100% Rated,
Standards Compliance	
Standards	UL 891, CSA, ANSI, NEMA
Certifications	UL Listed / CSA Listed Complaince
Applications	
Primary Applications	Data Centers, Utilities, Industrial Plants
Industries	EV Charging, Renewable Energy, Steel, Cement, Infrastructure

Confirm final ratings, applicable certification scope, production availability and delivery terms in the manufacturer’s quotation and approved project submittal.