



E+I ENGINEERING GROUP

ELECTRICAL SWITCHGEAR

LOW VOLTAGE SWITCHBOARDS & SWITCHGEAR



UL 891 & UL 1558



SWITCHBOARDS & SWITCHGEAR

E+I Engineering is a market leader in the design and engineering of electrical distribution equipment. Our low voltage switchboards and switchgear boast the most compact footprint in the industry without compromising either the performance or flexibility of the equipment.

E+I Engineering's ability to integrate components from all major manufacturers ensures the highest levels of reliability and performance in mission critical equipment across all sectors of industry.

E+I Engineering can integrate a variety of monitoring options into your chosen switchgear to provide direct access to energy management at the main and feeder level, resulting in substantial savings in electrical system installation and operating costs. Typical monitoring options include, input and branch circuit monitoring via ethernet and MODBUS connections, transformer temperature, load shedding and PLC via an RS485. Retrospective integration with an existing BMS is also available.

UL 891



UL 891

E+I Engineering's UL 891 Switchboard is a fully-customizable solution that improves efficiency, saves space and enhances operator safety. The compact design and modular construction of the UL 891 switchboard ensures it is extendable for further additions as necessary.

Specification

Electrical

Voltage	Up to 600V
Ampacity	Up to 6000A
Short Circuit Rating	Up to 100kA
Breakers	UL1066 & UL489 individually and/or group mounted construction
Transformer	Close-coupled
Busway	Silver plated or tin plated copper busway

Physical

Access: All access switchboard; access can be granted from front, rear, side, top and bottom, depending on the project specification. This aids in reducing the footprint of the design as well as providing convenient access for maintenance.

Paint color: ANSI 61 as standard; optional colors are available at no additional cost or lead time.

UL 1558

E+I Engineering's UL 1558 Switchgear is available in standard designs for the most frequently requested ratings and options. This facilitates expedited manufacturing and delivery time allowing end-users to meet tight schedules.

Specification

Electrical

Voltage	Up to 635V
Ampacity	Up to 10,000A
Short Circuit Rating	Up to 100kA
Breakers	UL1066
Feed Types	Cable, Bus Duct, Transformer-Close-coupled
Transformer	Close-coupled
Busway	Silver plated busway as standard. Tin plated and Insulated copper busway available on request.

Physical

Section widths: Standard widths of 18", 22", 32" & 38"

Access: Rear access only

Paint color: ANSI 61 as standard; optional colors are available at no additional cost or lead time.

UL 1558





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