

# AK&J Electric

# Low Voltage Switchgear

## PRODUCT OVERVIEW

AK&J Electric's LV switchgear is the backbone of power distribution in commercial, industrial, and institutional facilities. Each lineup is designed to your exact one-line, built with listed components, and shipped fully factory-tested — code-compliant from day one.

## SPECIFICATIONS

|                       |                                                 |
|-----------------------|-------------------------------------------------|
| Voltage Rating        | Up to 1,000V AC (480V / 600V / 690V)            |
| UL Listing            | UL 891 — UL File E539785                        |
| Bus Ampacity          | Up to 5,000A continuous                         |
| Interrupting Rating   | Up to 200kA symmetrical RMS                     |
| Breaker Configuration | Fixed or drawout (plug-in) — ACBs and MCCBs     |
| Enclosure Ratings     | NEMA 1, NEMA 3R, NEMA 4, NEMA 4X                |
| Arc Flash Mitigation  | ZSI, arc-resistant enclosures, detection relays |
| Communication         | Modbus RTU/TCP, DNP3, BACnet/IP                 |
| Factory Testing       | Hi-pot, contact resistance, functional, relay   |
| Lead Time             | Quoted per project — from approved drawings     |
| Origin                | Kingston, Tennessee — USA                       |

## KEY FEATURES

- Fully factory-tested before shipment — hi-pot, contact resistance, and functional verification
- Arc-flash mitigation — zone-selective interlocking and arc-flash detection relays available
- SCADA-ready — Modbus, DNP3, and BACnet communication options
- SEL, GE, and Schneider protective relays — factory-configured and tested
- Replacement and extension sections available for existing aging lineups