



SPECIFICATION SHEET

PAD-MOUNTED SWITCHGEAR

JCL Energy pad-mounted switchgear delivers a secure and practical solution for controlling and protecting underground power distribution systems across utility, industrial, commercial, and renewable energy projects. Designed for outdoor use, these compact units provide safe, ground-level access to switching and sectionalizing equipment while maintaining a tamper-resistant, enclosed design.

Available in multiple voltage classes and configurations, our pad-mounted switchgear supports both loop and radial distribution systems. Each unit is built for dependable performance in a wide range of environments and can be outfitted with various switching options, accessories, and custom features to meet the specific demands of your distribution network.



Description

- 15 kV Double-Door Design
- Up to 4 Bays
- Multiple Switch and Fuse Configurations Available
- UL Listed
- Meets or Exceeds IEEE C37.74
- Munsell Green Hi-gloss Finish Suitable for Heavy-Duty Applications
- Ideal for Publicly Accessible Outdoor Installations
 - Low-Profile
 - Tamper-Proof
 - Lockable

Standard Specs

- Nominal: 14.4 kV
- Maximum design: 15.5 kV
- BIL: 95 kV
- Main Bus Continuous: 600 amps
- Load Interrupting: 600 amps
- Short-circuit RMS Symmetrical: 25 kA
- 3-time Duty Cycle Fault closing RMS Asymmetrical: 40 kA
- Frequency: 60 hertz
- Maximum Altitude: 3300 feet
- Fuse Unit: Type DBU, 15 kV, Standard Speed (E)

Optional Upgrades

- Live-Front Designs
- 6-Compartment Option (Up to 5 Switch and 5 Fuse Arrangements)
- 25 kV Designs
- DBU Fuse Speed Variations: Slow "E" and "K"



SPECIFICATION SHEET

METAL-ENCLOSED SWITCHGEAR

JCL Energy metal-enclosed switchgear provides a robust solution for managing and protecting medium-voltage power systems across industrial facilities, utilities, data centers, and renewable energy projects. Designed for safe, organized installation within electrical rooms and substations, these assemblies house critical switching and protective components within a grounded, metal enclosure for enhanced safety and reliability.

Available in a range of voltage classes and configurations, our metal-enclosed switchgear supports a variety of distribution and control applications. Each lineup is engineered for dependable operation and serviceability, with flexible layouts and a variety of protective devices, controls, and accessories available to meet the specific needs of each electrical system.

Description

- 15 / 15 kV
- General Purpose Switches
- Current-Limiting Clip-Lock Fusing Options
(Up to 600E for 5 kV / Up to 300E for 15 kV Applications)
- Optional Close-Couple Kit
- UL Listed and CSA Approved
- Meets or Exceeds IEEE C37.20.3
- 11-Gauge Steel Construction
- ANSI 61 Gray Powder Cating for Durable, Lasting Finish

Standard Specs

- Maximum Rated Voltage: 15 kV
- Main Bus Continuous: 600 Amps
- BIL: 95 kV
- Fault Close Asymmetrical: 40 kA
- Momentary Switch Closed Asymmetrical: 40 kA
- 2 Second Short-Time Current RMS Symmetrical: 25 kA
- Space Heater Circuit w/ Thermostat (Requires 120 VAC ext. power)
- Provision for Kirk Key Interlock
- Mechanism and Contacts: Copper-Silver Plated
- Frequency: 60 hertz
- Maximum Altitude: 3300 Feet
- Line Terminals: ANSI Segment 3
- Load Terminals: ANSI Segment 1
- Enclosure: NEMA 3R, Outdoor / Indoor)



Optional Upgrades

- L27 kV Designs
- Dry-Contact Kit (2 Normally Open, 2 Normally Closed)
- Customer Metering
- Multi-Bay Lineups
- Surge Arresters
- Convenience Light
- Space Heater Switch
- Duplex Receptacle
- Run Back Bus