Elevator Control Applications

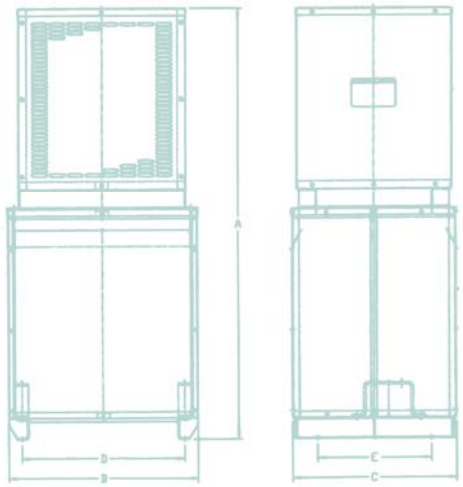
The Transformer Authority

Jefferson Electric offers transformers for Elevator Applications!

Jefferson Electric offers a full line of Drive Isolation Transformers, Auto-Transformers, DC Ripple Filters and Armature Chokes for your elevator applications.

We are the Elevator Experts

Jefferson Electric has the expertise to meet the rigorous demands of your elevator application.



Jefferson, an innovator of transformer and reactor products since 1915, enjoys a rich tradition of meeting the highest industry standards for quality, durability, and reliability in the commercial, industrial and OEM marketplaces. We continue this tradition today, providing new magnetic products for a wide variety of applications and industries.

Choose from our pre-engineered industry products or send us your specifications for a custom designed unit. We can provide custom voltages, windings, taps, and enclosures for your specific application.

Drive Isolation Transformer Specifications

- Three-phase transformers
- 3 KVA to 550 KVA.
- Designed for industrial and heavy commercial applications
- Supports SCR-controlled adjustable frequency or DC drives
- Capable of handling elevator peak current requirements
- Aluminum or Copper Windings
- Temperature Rise — 150° C, 115° C, 80° C
- Stackable enclosures available
- K-4 rating
- NEMA 1 Enclosures
- 60 Hz standard
- Electrostatic Shields optional
- Cores of high quality electrical grade steel
- Heat cured powder coat finish enclosures

Elevator Related Products

DC Ripple Filters & Armature Chokes

- Chokes designed for elevator peak current requirements without saturation
- Filters have adjustable capacitors to easily regulate tuning to site conditions
- Stackable or stand-alone configurations for added installation flexibility
- Full encapsulation makes Jefferson chokes the quietest in the industry
- Standard ripple filter packages match a broad range of motors

Control Transformers

- Industry rated control transformers provide input power to car controllers or brake and field rectifiers.
- Handles the high in-rush current of electromagnetic devices
- Designed with high regulation to prevent excessive voltage drop to sensitive electronics

Auto-Transformers

- Step voltages up or down to match existing distribution voltage to AC drive requirements
- Cost-effective alternative to isolation transformers
- Smaller and easier to mount than isolation transformers