



Seismic Qualified

- Single & three-phase
- Encapsulated & ventilated
- NEMA 1 & NEMA 3R enclosure
- OSHPD # OSP-0109-10

Lighting Solutions

- 100 to 1800 watt models
- Landscape/Outdoor Lighting
- Pool and Spa lighting transformers
- Single-phase encapsulated transformers
- Resettable power circuit breakers
- Secondary taps to compensate for line drop
- Multi-tap secondary 12-22V

Certifications

- Seismic
- ABS
- UL
- cUL
- CSA
- CE
- Canadian High-Efficiency

Customer support

Our application support engineers are available toll-free to help customers select the best transformer to meet their application and to assist in answering installation questions.

Our customer service representatives are available toll-free to assist in placing and tracking orders, expediting shipments and answering any order processing issues.

We're ready to help fulfill your transformer needs, call 800-892-3755 or visit us at www.jeffersonelectric.com

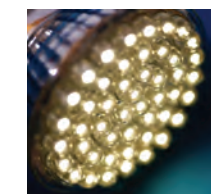
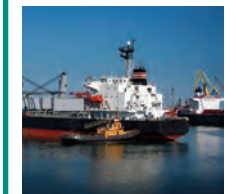
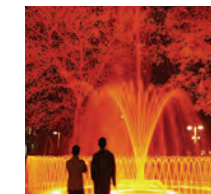
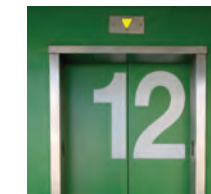


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Drilling
Power Distribution
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Motor Control
HVAC
Medical
Alternative Energy
Power Quality
Battery Charging
Switchgear
Plant Automation
Power Conditioning
Marine



Dry-Type Standard and Custom Transformers



Our Mission

Jefferson Electric will grow our business profitably to be the preferred supplier of diversified power solutions to the electrical industry through worldwide distribution, OEMs and end users. We will delight our customers by providing the highest levels of quality and service while surpassing the individual needs of our stakeholders: customers, associates, suppliers, sales representatives and investors.

Who are we?

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

Custom Solutions

You can rely on the experience of Jefferson Electric's engineering staff to design a transformer or reactor to fit your exact specifications. We will work with you to provide a quality cost-effective solution for your application.

Highest Quality Standards

Our products are backed by a strict ISO-based quality assurance system. Each unit is thoroughly tested before leaving the plant to ensure proper operation. All products are designed to conform to the appropriate NEMA, ANSI, UL, cUL, CSA and CE standards.



Specifications

- KVA — 0.05 to 1000
- Primary and Secondary = 600 V class
- Multiple Secondary voltages and windings
- Frequency — 60 Hz, 50 or 400 Hz
- Cores of high quality electrical grade steel
- Windings — Aluminum or Copper
- Temperature Rise — 150, 115, 80°C or custom
- Insulation — 220, 180, 130, 105°C
- Electrostatic Shield available
- Primary Taps available
- NEMA TP-1 — General Purpose Ventilated
- UL Listed, UL Recognized, cUL, CSA, CE Mark
- Enclosures —
 - NEMA 1 or NEMA 3R
 - Heat cured powder coat ASA-61 gray finish
 - Stainless steel enclosures available
 - Floor mount, Wall mount or Stackable
 - Wall mounting brackets available
 - Weather shields available
- Totally Enclosed Non Ventilated
- ABS type approved
- Seismic qualified



Specifications

- Low sound levels
- Low impedance
- 6, 12 and 18 pulse secondary windings
- K-Factors 4, 13, 20 or custom
- Drive isolation transformers for AC and DC drives
- Autotransformers pre-wired for easy field installation
- Special wiring connectors and buss configurations to reduce manufacturing and installation costs

Ventilated Standards

- Aluminum windings, 150°C temp rise, UL Listed, NEMA 1, NEMA 3R 60 Hz, NEMA TP-1

Encapsulated Standards

- Copper windings standard up to 3KVA, Aluminum windings on larger units, 180°C insulation, UL Listed, NEMA 3R, 60 Hz

Filters, Reactors and Chokes

- Armature chokes and ripple filter assemblies to reduce the audible motor noise produced by DC drives
- Line and load reactors used in power factor control and regeneration

Single-Phase Encapsulated

- General purpose
- 50 VA to 50 KVA
- NEMA 3R enclosures, stainless steel available
- Lighting, industrial and commercial applications
- Indoor or outdoor use

Single-Phase Ventilated

- General purpose
- NEMA TP-1
- 15 KVA to 100 KVA
- Lighting, industrial and commercial applications
- Indoor or outdoor use

Three-Phase Encapsulated

- General purpose
- 3 KVA to 75 KVA
- NEMA 3R enclosures
- Industrial and commercial applications
- Indoor or outdoor use

Three-Phase Ventilated

- General purpose
- NEMA TP-1
- 15 KVA to 1000 KVA
- Lighting, industrial and commercial applications
- Indoor or outdoor use

Non-Linear, K-Factor

- 15 KVA to 750 KVA.
- NEMA TP-1
- Meet the load demands caused by computers and other electronic equipment
- Electrostatically shielded
- K-factor ratings K-4, K-13, K-20 standard
- Custom K-factors designed as needed

Drive Isolation

- Three-phase transformers
- 3 KVA to 990 KVA
- Designed for industrial and commercial applications
- Supports SCR-controlled adjustable frequency or DC drives

Buck-Boost

- Single-phase & three-phase encapsulated autotransformer
- 50VA to 10 KVA
- Economical for stepping voltages up or down
- Solve over/under voltage problems efficiently

Industrial Control Transformers

- 50 VA to 5000 VA
- Single-phase encapsulated transformers
- 50Hz or 60Hz
- For use in industrial and commercial control applications

ABS Type Approved

- Marine & offshore oil applications
- 50VA to 1000 KVA
- Encapsulated & ventilated

Totally Enclosed Non Ventilated

- Single & three-phase
- 15 to 500KVA
- NEMA 3R or NEMA 4/4X/12/12X
- For use in dusty or dirty environments and wash down areas

