

Custom Solutions for any application



CUSTOM SOLUTIONS. DELIVERING THE BROADEST RANGE OF MAGNETICS SOLUTIONS WITH OVER 150 YEARS OF EXPERIENCE.

PERFECTED MAGNETICS. EVERYTIME.

For more than 150 years, engineers worldwide have trusted our design and manufacturing expertise to deliver solutions that precisely match application and performance requirements. Our vast product selection and manufacturing capabilities provide the magnetic solution that performs to your project requirements, without compromise. Our teams of knowledgeable professionals can provide you with support throughout the development process, from concept to design completion and into production.

TOROIDS

Acme Electric's Amveco brand specializes in the design and construction of class-leading toroid magnetics for the most challenging applications. Increasingly useful for their small size, light weight, optimum efficiency, and low losses our power toroids are appropriate for

- Current Transformers
- Inductors
- Low Profile Miniature Transformers
- Low Profile PC-Mount Transformers
- Medical Grade Isolation Transformers



HIGH FREQUENCY CUSTOM MAGNETICS

Acme Electric's Actown technologies are the answer to today's custom power magnetics critical performance and dependability requirements. Our specialized products extend the boundaries of size, weight, performance, and endurance to meet your specific performance and dependability specifications. Utilizing a wide array of materials and manufacturing processes we are able to offer products for various applications including

- Low noise
- Harmonic mitigation
- 12 pulse and 18 pulse drive isolation transformer
- Low temperature rise
- Reactors and chokes

TIGHTpak™ TOROIDAL INDUCTORS

The TIGHTpak™ technology is a revolutionary and proprietary manufacturing process unique to Acme Electric that brings toroidal inductors one step closer to ideal. Allowing the engineers to work with components that exhibit behavior closer to ideal than previously possible, TIGHTpak™ Toroids are the ideal solution when your application requires

- Low temperature rise
- Smaller footprint
- Low noise
- Additional inductance.



LOW AND MEDIUM VOLTAGE POWER DISTRIBUTION

Our product offering covers the full spectrum of applications, ranging from commercial general power distribution and high harmonic conditions to specific industrial motor drive/factory automations systems, to low voltage landscape lighting applications.

All of our products are designed to meet or exceed the standards established by UL, CSA, CE, NEMA, ANSI, and IEEE. Our experienced design engineers are able to develop custom designs and prototypes to meet all customer specific requirements, ranging from

- Special kVA
- Voltage combinations
- Performance characteristics
- Special mounting configurations/footprints
- Enclosures
- Terminations.

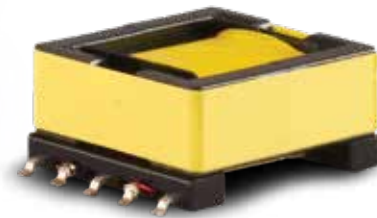


CUSTOM COILS

Acme Electric's custom coils range from a relay of simple coils wound on a bobbin to highly sophisticated encapsulated coils used to control aircraft fuel delivery.

Depending on your needs, we can encapsulate these coils via:

- Injection molding
- Transfer molding
- Vacuum potting
- Various protective air-dried or baked-on varnishes.



INDUSTRIAL CONTROL TRANSFORMERS

- Designed to handle momentary current inrush caused when electromagnetic components are energized
- Ideal for applications using motor starters, control panels, and robotics
- Offered in two types of constructions
 - Open Core and Coil
 - Encapsulated
 - Harsh Environment/Totally enclosed
- Available for Single Phase applications from 50VA up to 5000VA
- Optional or Pre-installed Fuse block

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N56W13385 Silver Spring Drive,
Menomonee Falls, WI 53051
800.334.5214

Hubbell Canada Inc.
905-839-1138

hubbell.com/acmeelectric/en

Hubbell de Mexico, S.A. de C.V.
52-55-9151-9999

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