

Worldwide Presence
Engineering Expertise
Leading Edge Technology
Award Winning Support
Commitment to Quality

your one source for wire wound magnetic solutions



Medical Grade Transformers

Class 2 Transformers

Safety Isolation

Common Mode Chokes

Transformers in NEMA Enclosures

Encapsulated Transformers

3 Phase Transformers

Linear Transformers

Product offering at a glance

www.signaltransformer.com

Signal Transformer

Signal Transformer products are utilized in all segments of the electronics spectrum

CONCEPT — DESIGN — EVALUATION — PROTOTYPE — PRODUCTION

MEDICAL

Diagnostic

Surgical Equipment

Patient Monitoring

Hand Held Devices

Surgical Generators

In-Home Dialysis

Power Controller Sequencer

NETWORKING

Data Center Switching

Routers

Servers & Server I/O

Server Blades

100G Core Switches

NIC Cards

3U Top Rack & End of Rack

40G Firewall

Patch Panels & Wiring Closet

TELECOM/DATACOM

Set Top Boxes

Single Phase

Three Phase

Class 2

Buck Boost

Linear Transformers

Toroidal Transformers

Agency Certification

FIRE/SECURITY

High Speed Cable Assy

Terminal Blocks

Coax Connectors

D-Sub Connectors

Z Axis Compress Interfacing

Circular Connectors

Card Edge Connectors

Power Connectors

INDUSTRIAL

Material Handling

Process Control

Robotics

Elevators

Power Controllers

POS Terminals

Vending Machines

INDUSTRIAL CONTROL & BUCK BOOST — ICT SERIES

- Power — up to 3,600VA — standard offering
- Encapsulated in NEMA 3R Enclosures
- Line Isolation and/or Buck Boost



[Click Here](#)

SPLIT BOBBIN — 241 SERIES

- Power — 2.4VA to 100VA
- Dual or Triple Output option
- Lead Wire option



[Click Here](#)

POWER ISOLATION — DU SERIES

- Power — 250VA to 20,000VA (autotransformer)
- Multiple Taps for wide voltage range
- Step-up / Step-down / Auto-transformer



[Click Here](#)

INTERNATIONAL SERIES — A41 SERIES

- Power — 25VA to 175VA
- Provides high isolation
- Lead Wire option (shown)



[Click Here](#)

POWER IN THE ROUND — STP SERIES

- Power — 100VA to 2,000VA
- Supplied with mounting hardware set
- Available with Electrostatic Shield



[Click Here](#)

SUPER HIGH EFFICIENCY — SHE SERIES

- Power — 250VA to 2,500VA
- >97.5% Efficiency Rating
- Touch Safe Terminals (IP20)



[Click Here](#)

INTERNATIONAL POWER — MPI & HPI SERIES

- Power — 200VA to 3,500VA
- Leakage Current @ <50 micro amps
- Touch Safe Terminals (IP20)



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Whatever stage your product's development is in we have the magnetics for you. Signal Transformer is your one source.

CONCEPT — DESIGN — EVALUATION — PROTOTYPE — PRODUCTION



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INTERNATIONAL SERIES — 14A SERIES

- Power — 2.5VA to 56VA
- High Isolation
- Dual or Triple Output option

CLASS 2 TRANSFORMERS — CL2 SERIES

- Power — 2.5VA to 50VA (for PCB mount series)
- Power — 25VA to 80VA (for Chassis mount series)
- Inherently and Non-Inherently limited

LOW PROFILE — LP SERIES

- Power — 2VA to 48VA
- Low Profile
- Ideal for tight space between staked PC boards

INTERNATIONAL "LOW PROFILE" — IF & LPI SERIES

- Power — 2VA to 30VA
- Height — 0.69" to 1.39" (17.5mm to 35.3mm)
- Encapsulated with Dual Primaries & Secondaries

MINIATURE LOW POWER — PC SERIES

- Power — 1VA to 24VA
- A True Board Space Saver
- Available with Optional Mounting Bracket

PCB MOUNT — TRIPLE OUTPUT — MPC SERIES

- Power — 10VA to 24VA
- Operating Frequency 50 to 500 Hz
- Optional Bracket Available

SPLIT BOBBIN LOW POWER — ST SERIES

- Power — 1.1VA to 36VA
- Split bobbin construction for superior isolation
- Class 2 — Agency Certified (for up to 24V output)

POWER MODULES

Standard Brick Converters
Boost Converters
Non-Isolated POL Modules
Voltage Regulator Modules
Power Controllers
Tracking Converters
Tunable Loop™

CIRCUIT PROTECTION

Glass Fuses
Ceramic Fuses
Axial Leaded Fuses
Radial Thru Hole Fuses
PTC Resettable Fuses
Ultra Mini SMT Fuses

WIRE WOUND MAGNETICS

SMD Power Inductors
Single Phase
Three Phase
Class 2
Buck Boost
Linear Transformers
Toroidal Transformers
Agency Certification

INTERCONNECT

High Speed Cable Assembly
Terminal Blocks
Coax Connectors
D-Sub Connectors
Z Axis Compress Interfacing
Circular Connectors
Card Edge Connectors
Power Connectors

ETHERNET CONNECTIVITY

Harmonica Jacks
Cable Jacks
Plugs
Stack Jacks
Shielded
Vertical & Right Angle Jacks
Power over Ethernet Modules
Gigabit Ethernet
10/100Base-TX
10Base-T
RJ Point Five

Products certified by:



www.belfuse.com

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Local Support

Our regional sales offices are ready to provide expert local applications and sales support. In addition, our extensive network of manufacturers' representatives and distributors help bring our products to you. Please call for locations of sales offices near you or visit our website at

www.signaltransformer.com



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For the *fastest* way to find just the right wire wound magnetics

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