

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



Linear Transformers At-A-Glance

Your one source for wire wound
magnetic solutions

Medical Grade Transformers
Class 2 Transformers
Safety Isolation
Chokes / Inductors
Toroidal Transformers
Encapsulated Transformers
Three Phase Transformers
Touch Safe Terminals



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belfuse.com/signal

MEDICAL

Diagnostic
Surgical Equipment
Patient Monitoring
Hand Held Devices
Surgical Generators
In-Home Dialysis
Blood Analyzers

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
Hard Drives
Laptops
Printers
Plotters
PBX
Current Line Detection

FIRE/SECURITY

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

TRANSPORTATION

E-Mobility
Off Road
Automotive
Aerospace
Agriculture
Construction
Material Handling
Marine
Stationary Engines
Engine Control

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

International CE Transformers — EcoTran Series

- Power — 105 VA to 450 VA
- Superior isolation with no exposed metallic surfaces
- Touch safe terminals (IP20)



Split Bobbin — 241 Series

- Power — 2.4 VA to 100 VA
- Dual or triple output option
- Lead wire option



Power Isolation — DU Series

- Power — 250 VA to 20000 VA (autotransformer)
- Multiple taps for wide voltage range
- Step-up / Step-down / Auto-transformer



International Series — A41 Series

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



Power In The Round — STP & STPA Series

- Power — 100 VA to 2000 VA
- Supplied with mounting hardware set
- Available with electrostatic shield
- Linear and auto versions available



Super High Efficiency — SHE Series

- Power — 250 VA to 2500 VA
- >97.5% efficiency rating
- Touch safe terminals (IP20)



International Power — MPI & HPI Series

- Power — 200 VA to 3500 VA
- Leakage current @ <50 micro amps
- Touch safe terminals (IP20)



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



International Series — 14A Series

- Power — 2.5 VA to 56 VA
- High isolation
- Dual or triple output option



Class 2 Transformers — CL2 Series

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



Low Profile — LP Series

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



International "Low Profile" — IF & LPI Series

- Power — 2 VA to 30 VA
- Height — 0.69" to 1.39" (17.5 mm to 35.3 mm)
- Encapsulated with dual primaries & secondaries



Miniature Low Power — PC Series

- Power — 1 VA to 24 VA
- A true board space saver
- Available with optional mounting bracket



PCB Mount — Triple Output — MPC Series

- Power — 10 VA to 24 VA
- Operating frequency 50 to 500 Hz
- Optional bracket available



Split Bobbin Low Power — ST Series

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

POWER MODULES

- Std Brick Converters
- Non-Isolated POL Modules
- Voltage Regulator Modules
- Power Sequencers
- Boost Converters
- Tracking Converters
- Tunable Loop™

CIRCUIT PROTECTION

- Glass Fuse
- Ceramic Fuse
- Axial Leaded Fuses
- Radial Thru Hole
- PTC Resettable Fuse
- Ultra mini SMT Fuses
- Thermal Fuse

WIRE WOUND MAGNETICS

- SMD Power Inductors
- Single Phase
- Three Phase
- Class 2
- Class II
- Buck Boost
- Linear Transformers
- Toroidal Transformers
- Auto Transformers
- Switchmode Transformer
- Drum Core Inductor
- Wireless Charging Coils

INTERCONNECT

- High Speed Cable Assy
- 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 & R/A Jacks
- Pwr over Ethernet Modules
- Gigabit Ethernet
- 10/100 Base-TX
- 10 Base-T
- RJ Point Five





Local Support

Our regional sales offices are ready to provide expert application and sales support.

In addition, our extensive network of manufacturers' representatives and distributors bring our products to you.

Please call for locations of sales offices near you or visit our website at belfuse.com/signal

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