

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

your one source for circuit protection solutions



Glass and Ceramic Cartridge Fuses

PTC Resettable Devices

Chip and Brick Type SMD Fuses

Radial Can Fuses

Glass and Ceramic Axial Leaded Fuses

Auto-Insertable T/R Fuses & PTC Devices

Value Added – Lead Forming

Circuit Protection At-A-Glance

www.belfuse.com

quality and innovation in the markets & technologies we serve

MEDICAL

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

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
Home Hub
Cell Phones
Satellites
Bay Stations
PBX
Optical Networking
Hand Held Devices

CONSUMER

Digital Cameras
Video Recorders
GPS-Navigation
Portable Media Player
Game Controllers
Projectors
LCD Televisions
Hand Held Devices

TRANSPORTATION

On Road
Off Road
Automotive
Aerospace
Agricultural
Construction
Mat'l Handling
Marine
Stationary Engines
Engine Control

CONCEPTUAL – PROTOTYPING – EVALUATING – SECOND SOURCING

BRICK SMD FUSES

- Case sizes from 2410 to 4717
- Voltage Ratings – up to 600 VAC / 125 VDC
- Amp Ratings – up to 30A



BRICK SMD FUSE - Pre-Assembled in SMD Clips

- Case size 2410
- Voltage Ratings – 125 VAC / 125 VDC
- Amp Ratings – up to 8A



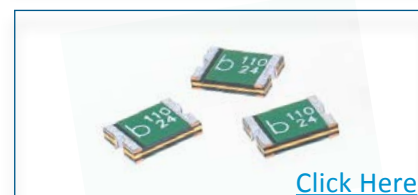
CHIP SMD FUSE

- Case sizes 0603 and 1206
- Voltage Ratings – up to 125 VAC / 63 VDC
- Amp Ratings – up to 30A



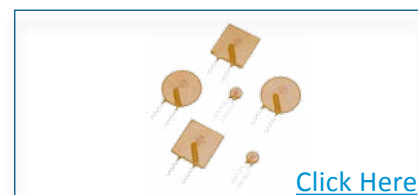
PTC SMD RESETTABLE DEVICES

- SMD, case sizes 0805 through 2920
- Voltage Rating Range – 6 – 60 VDC
- I Hold Amp Range – 50mA to 3A



PTC RADIAL LEADED RESETTABLE DEVICES

- Voltage Rating – 16 – 240 VAC/VDC
- I Hold Amp Range – 50mA to 14A
- IR Process – JEDEC J-Std-020 – 260C



250/277/350 VOLT RADIAL FUSE

- Voltage Rating – 250 VAC / 63 VDC
- UL rated for 277 VA
- Amp Range – 80mA to 6.3A



600 VOLT RADIAL FUSE

- Compact, radial leads on 0.800 inch centers
- Voltage Rating – 600VAC
- Amp Range – 100mA to 5A



For products that meet global safety standards, design in Bel's circuit protection devices! Parts are UL, CSA, PSE, CCC, VDE and Semko approved.



CONCEPTUAL – PROTOTYPING – EVALUATING – SECOND SOURCING



5 x 15mm AXIAL LEADED FUSE

- Glass Tube, Matte Tin plated Copper Leads
- Voltage Rating – 350VAC / 140VDC
- Amp Range – 100mA to 7A



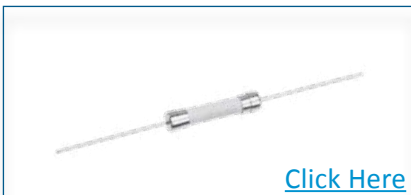
3 x 7mm AXIAL LEADED MICRO FUSE

- Voltage Rating – 125 VAC / 125 VDC
- Amp Range – 100mA to 15A - Quick-Act
- Amp Range - 250mA to 7A - Slow Blow



5x20mm and 1/4 x 1 1/4 INCH GLASS/CERAMIC

- Voltage Rating – 250VAC
- Amp Range – 63mA to 15A
- 10,000A, 125 VAC Interrupt Rating



5x20mm and 1/4 x 1 1/4 INCH GLASS/CERAMIC AXIAL

- Voltage Rating – 250VAC
- Amp Range – 63mA to 15A
- 10,000A, 125 VAC Interrupt Rating



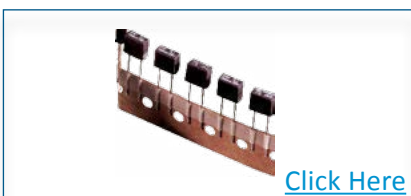
VALUE ADD – CUT & FORMED LEADS

- For hand insertion assembly
- User definable spacing
- Easily modified



VALUE ADD - HEAT SHRINK TUBING

- Sleeve is UL Flammability Rated VW-1, 300VAC
- Available for all 5x20mm and 6x32mm Cartridge Fuses with Pigtails



AUTO INSERTABLE

- Axial Leaded Fuse Are Available on Tape & Reel Per Packaging EIA-296-D
- SMD Fuses on both 7" and 13" Diameter Reels

POWER MODULES

- Std Brick Converters
- Boost Converters
- Non-Isolated POL Modules
- Voltage Regulator Modules
- Power Controller
- Specialty Converters
- Tunable Loop™

CIRCUIT PROTECTION

- Glass Fuse
- Ceramic Fuse
- Axial Leaded Fuses
- Radial Thru Hole
- PTC Resettable Fuse
- Brick and Chip Type SMD Fuses

INTERGATED BROAD BAND

- xDSL Splitters
- T1/E1/J1 Modules
- RF Diplexer Modules
- Powerline Modules
- Small Foot Print Modules

INTERCONNECT

- Cable Assemblies
- Terminal Blocks
- Micro D Connectors
- D-Sub connectors
- Z Axis Compress Interfacing
- Circular Connectors
- Mezzanine Connectors
- Card Edge Connectors
- Power Connectors
- Transportation Enclosures
- MIL/AERO Interconnect

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
- Punch Down Blocks

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Local Support

Our regional sales offices are ready to provide expert local applications and sales support. In addition, an 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 www.belfuse.com



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Westborough, MA. 01581
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Fax 508-870-9796

Cinch Connectors

1700 Finey Road
Lombard, IL 60148
Tel: 800-323-9612
Fax: 630-705-6060

Stewart Connector

11118 Susquehanna Trail South
Glen Rock, PA. 17327
Tel: 717-235-7512
Fax: 717-235-4675

Signal Transformer

500 Bayview Avenue
Inwood, NY 11096-1792
Tel: 516-239-5777
Fax: 516-239-7208

For the *Fastest* way to find just the right solution for

CIRCUIT PROTECTION – POWER CONVERSION – INTERCONNECT – MAGNETICS – BROADBAND – ETHERNET CONNECTIVITY

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