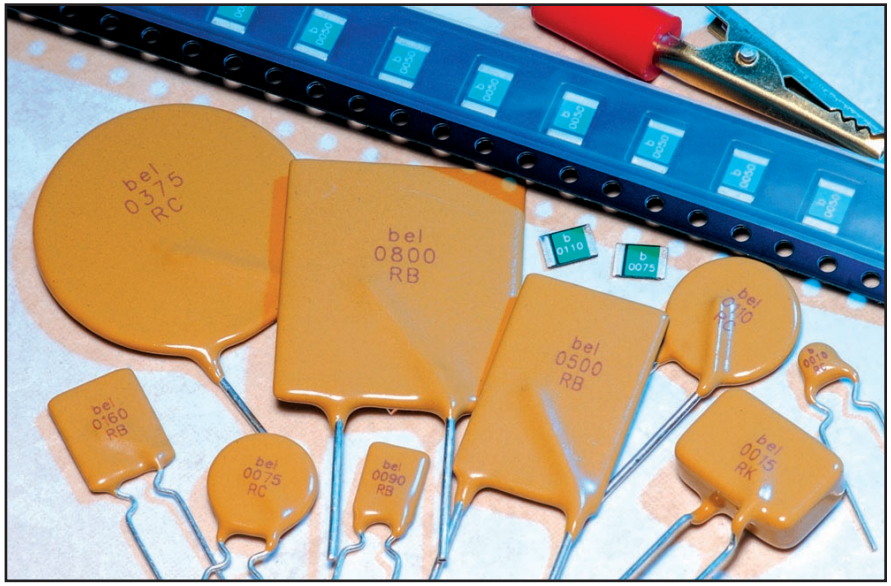
PTC Resettable**Fuses**

COMPONENTS FOR A CONNECTED PLANET®



Bel Fuse Inc.
206 Van Vorst Street
Jersey City, NJ 07302
Tel 201-432-0463
Fax 201-432-9542
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Bel Fuse Ltd.
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RoHS 2002/95/EC

Applications

- Circuit protection for the complete spectrum of electronic equipment
  - Digital video recorders
  - Set-top boxes
  - Batteries and battery chargers
- Computer peripherals
  - Disk drives and storage devices
  - Mouse and keyboard
  - USB ports
- Networking and telecommunications devices
  - NIDs
  - LAN, WAN, T1E1
  - Products designed to UL 60950, GR-1089 specifications

Polymer PTC Devices

- Radial 90V device **0ZRC**
- Radial 30V device **0ZRB**
- Radial 16V high interrupt type with high current ratings **0ZRA**
- Radial 60V with 250V telecom lightning rating **0ZRF**
- Radial 240VAC/VDC high voltage device **0ZRE**
- SMD chip 1812 size device **0ZCC**
- SMD chip 2920 size device **0ZCD**

Features / Benefits

- RoHS 6 compliant
- Low DCR
- Both high and low hold current designs
- High voltage ratings
- Unique polymer formulation for superior functional life performance

Bel's polymer PTC (positive temperature coefficient) devices offer superior functional life performance due to a unique polymer formulation. Like our extensive line of traditional fuse products, our resettable fuses protect against harmful overcurrent surges and overtemperature faults by limiting the flow of dangerously high current during fault conditions. However, our new PTC devices will reset after power to the circuit is removed, the fault is cleared, and power is reapplied to the circuit. This reset-ability protects electronic equipment, which remains fully functional, and eliminates the need for service personnel to physically replace a fuse.

Our PTC devices can be confidently designed into industrial, computer, battery, consumer electronics, telecom and automotive applications where they help protect valuable electronic systems and reduce warranty and services costs. Effective in a wide range of circuit protection applications, Bel's resettbale fuses are Component Recognized by UL (E305051) and are RoHS 6 compliant.

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PTC Resettable**Fuses**

COMPONENTS FOR A CONNECTED PLANET®



Part Number Key

0 Z C C	0 1 1 0	F F	x x
Series Number	Hold Current Rating	Stnd Mech/ Elec Design	Pkg Info

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Competitive Cross Reference

PTC Device Description	Bel Fuse	Raychem	Bourns	Littelfuse
Radial, 90V	0ZRC	RXE (60V)	MF-R (60V)	60R (60V)
		RXE (72V)	----	----
Radial, 30V Low DCR High Hold Current Rating	0ZRB	RUE	MF-R	30R
Radial, 16V High Current Ratings High Interrupt Type	0ZRA	RGE	MF-RG	----
Radial, 60V with 250V Telcom Lightning Rating	0ZRF	TR250	MF-R	----
Radial, 240VAC/VDC High Voltage Device	0ZRE	LVR	----	----
SMD Chip Fuse 1812 Size	0ZCC	mSMD	MF-MSMD	1812L
SMD Chip Fuse 2920 Size	0ZCD	SMD	MF-SM	2920L

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