

## Resettable PTC Fuses

Schurter Polymeric Positive Temperature Coefficient (PPTC) fuses enable convenient protection of low voltage supplies, with the advantage of reset.

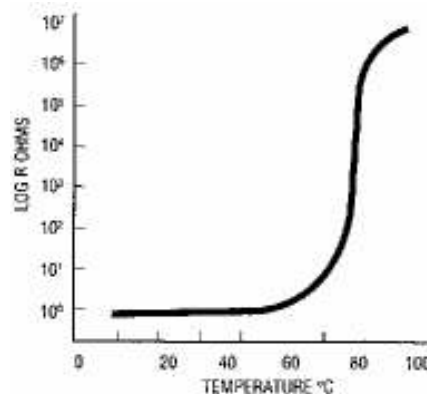
At normal temperature there are numerous carbon chains forming conductive paths through the device.

Under fault conditions, I<sup>2</sup>R heating causes the carbon chains to be pushed apart, with most of them no longer conducting current and the resistance of the device increases sharply (see Fig. 1).

The PPTC remains latched, providing continuous protection, until the fault is cleared and the power is removed.

Reversing the phase transformation allows the carbon chains to reform as the polymer re-crystallizes.

The resistance quickly returns to its original value.



### Surface Mount

Part Nos. 34-PFMC.020.2 / 110.2  
34-PFSM.030.2 / 260.2



#### FEATURES:

- SMD
- Fully compatible with industry standards
- Packaged per EIA 481-2 standard
- UL, TUV & CSA (pending)
- Rated 6 - 30 volts
- I break to 40 amps

#### APPLICATIONS:

- Computer & Peripherals
- Computer Cards
- Automotive applications

### Radial Leaded

Part Nos. 34-PFRA.010.x / 900.x  
34-PFRX.110.x / 375.x



#### FEATURES:

- Insulating Material UL94V0
- T+R and Ammo-Pak
- UL, TUV & CSA
- Rated 30 - 60 volts
- I break to 40 amps

#### APPLICATIONS:

- Security Systems
- Motors/fans
- Loud speakers
- Power Transformers
- Computer & peripherals
- Automotive

### Strap

Part Nos. 34-PFST.120 / 420  
34-PFLT.100 / 340



#### FEATURES:

- Fully compatible with industry standards
- Weldable nickel terminals
- Very low internal resistance
- UL, TUV & CSA (pending)
- Rated 15 - 30volts
- I break to 100 amps

#### APPLICATIONS:

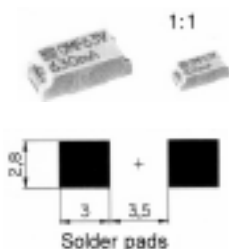
- Battery Packs
- Cell phones
- Lap-Tops

## Schurter SMT Fuses - Quick Acting

### OMF 63v

100mA to 5 A  
Part No. 34-02.0003 / 0040.xx

Available in loose pieces or taped and reeled 750 pieces.  
UL, CSA



## Surface Mount

### OMF 250v

400 mA to 4 A  
Part No. 34-03.0010 / 0022.xx

Available in loose pieces or taped and reeled 2000 pieces.  
UL

