

List of Links to Sources of Surge-Protective Devices in the USA

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Introduction

To avoid updating bookmark files in several different webbrowsers on each of several different computers that I routinely use, I have collected all of my links to sources of components for surge-protective devices and put them in this PDF document at my professional website for sharing with other engineers.

This list is the current version of Appendix B in my 1989 book, *Protection of Electronic Circuits from Overvoltages*.¹ Since 1989, some of the manufacturers listed in my book have been acquired by other companies or have gone out of business — this list gives the history that is known to me. The links in this list are intended for use by electrical engineers or physicists who are either designing or testing surge-protective devices. This list contains *no links* to surge arresters or surge suppressors for consumers or other end-users.

¹ Ronald B. Standler, *Protection of Electronic Circuits from Overvoltages*, New York: Wiley-Interscience, 434 pp., May 1989. Republished by Dover Publications, December 2002. See <http://www.rbs2.com/peco.htm> .

Disclaimer: This document presents a useful collection of links, but is *not* professional advice for your specific problem. See <http://www.rbs2.com/disclaim.htm> . This list is *not* complete: it is mainly composed of manufacturers who have regularly sent their catalogues to me. People who want a *complete* list of manufacturers should consult trade directories or use a search engine on the Internet. Omission of a company's link is *not* to be construed as criticism by me. Inclusion of a company's link is *not* to be construed as an endorsement by me. Within each category, the links are organized alphabetically by name of manufacturer.

1. Spark Gaps & Gas Tubes

Bourns <http://www.bourns.com/>

Cerberus in Switzerland — no longer in business?

Citel http://www.citelprotection.com/citel/gas_cover.htm

Elevam in Japan: neon lamps <http://www.elevam.co.jp/elevam-hp-e/product-2.html>

Leutron in Germany <http://www.leutron.de/>

Joslyn Electronic Systems Division — sold to Bourns

Littelfuse http://www.littelfuse.com/gas_discharge_tubes.html

Siemens in Germany <http://www.epcos.com/>

Wickmann in Germany — sold to Littelfuse

gas tubes for telephone lines:

Ericsson in Sweden <http://www.ericsson.com/>

TII <http://www.tii-industries.com/>

2. Metal-Oxide Varistors for Low-Voltage Applications

CKE, Inc. <http://www.cke.com/>

Fuji Semiconductor <http://www.fujisemi.com/>

General Electric — sold to Harris, then sold to Littelfuse. GE continues to manufacture varistors under the trademark Tranquell® for use in surge arresters.

Littelfuse http://www.littelfuse.com/metal_oxide_varistor.html

Maida <http://www.maida.com/>

Panasonic (Matsushita Electric Corp. of America) <http://industrial.panasonic.com/>
http://www.panasonic.com/industrial/components/thermal/thm_var.htm

Raychem <http://www.circuitprotection.com/>

Siemens (link in section 1, above)

Vishay <http://www.vishay.com/varistors/>

3. Diodes for Surge Suppression

General Semiconductor (Transzorb®) — sold to Vishay in 2001

Microsemi <http://www.microsemi.com/>

Motorola — sold to ON Semiconductor

ON Semiconductor <http://www.onsemi.com/PowerSolutions/home.do>

Texas Instruments <http://www.ti.com/>

SGS-Thomson <http://www.st.com/>

Siliconix (low-leakage diodes) — sold to Vishay in 1998

Unitrode — sold to Texas Instruments

Vishay (avalanche diodes) <http://www.vishay.com/diodes/protection-tvs-esd/>

Vishay (low-leakage diodes) <http://www.vishay.com/fets-small-signal/SSFsglldP/>

4. Thyristors for Surge Suppression

Littelfuse <http://www.littelfuse.com/teccor/products.html>

Raychem <http://www.circuitprotection.com/sibar.asp>

Teccor — now owned by Littelfuse

Texas Instruments (link in section 3, above)

SGS-Thomson (link in section 3, above)

5. Test Equipment

coaxial voltage attenuators

- Barth Electronics in Boulder City, Nevada <http://www.BarthElectronics.com/>
- Bird Electronics in Cleveland, Ohio <http://www.bird-electronic.com/>
- Mini-Circuits in New York <http://www.MiniCircuits.com/>

surge current probes

- Ion Physics Corp. in Fremont, NH <http://www.ionphysics.com/monitors.html>
- Pearson Electronics in Palo Alto, Calif.
<http://www.pearsonelectronics.com/current-monitor-products/standard-current-monitor.htm>
- T & M Research Products in Albuquerque, NM <http://www.tandmresearch.com/>

surge generators

- EM Test in Switzerland <http://www.emtest.com/>
- Haefely in Switzerland <http://www.haefely.com/>
- KeyTek (now owned by Thermo-Electron) <http://www.keytek.com/>
http://www.thermo.com/com/cda/category/category_lp/1,2152,145,00.html
- Velonex in Santa Clara, Calif. — ceased business in 1997

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