

TE **TRANSIENT ELIMINATOR** **DATA/SIGNAL PROTECTION**

Features



State-of-the-Art, Avalanche Diode Technology

Compact In-Line installation

High Speed, High Energy Handling Capability

Low Shunt Capacitance to Reduce Signal Loss

Self Restoring, Fully Automatic

Improves System Reliability

The **Transient Eliminator Series (TE)** uses a Series-Hybrid design, have a very fast reaction time and can handle high surge currents.

Because of their compact, modular design and packaging flexibility, our Transient Eliminators are the protectors of choice.

Applications

- Dialup (RJ 11 and RJ45) and Modem/Fax
- Digital and Analog Signal Lines
- Ethernet, LAN 100Base-T, 10Base-T, Arcnet and Token Ring communication lines
- D-Sub Connections - DB-9 to DB-25, V.35 and AS-400
- RS232 and 422/423/435 connections
- T1, DDS and ISDN communication lines
- NIC's, switches, routers and hubs



SURGE SUPPRESSION SPECIALISTS

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TE TRANSIENT ELIMINATOR DATA/SIGNAL PROTECTION

Data/Signal Line Configurations

Applications	Ethernet 10BaseT	RS 422/423/435	RS232 or Digital 4-20mA Current Loop	Token Ring	Arcnet or Analog 4-20mA Current Loop	Dialup Modem/FAX	T1/DDS/ISDN CSU/DSU
Voltage	7.5V	7.5V	18V	18V	27V	240V	60V
Surge Current 10/1000 µsec	132 Amps	132 Amps	60 Amps	60 Amps	40 Amps	50 Amps	50 Amps
Connector Type	Barrier Strip 2, 4 or 8	Barrier Strip 2, 4 or 8	Barrier Strip 2, 4 or 8	Token Ring Type B	Barrier Strip 2, 4 or 8	Barrier Strip 2, 4 or 8	Barrier Strip 2, 4 or 8
Model #	TE-2B-E or TE-4B-E or TE-8B-E	TE-2B-E or TE-4B-E or TE-8B-E	TE-2B-T or TE-4B-T or TE-8B-T	TE-TR	TE-2B-A or TE-4B-A or TE-8B-A	TE-2B-G or TE-4B-G or TE-8B-G	TE-2B-B or TE-4B-B or TE-8B-B

Maximum Shunt Capacitance: <40pF (<75pF for T1/DDS/ISDN; <95pF for Dialup)

Response Time: <5 nanoseconds

D-Sub/USB Configurations

Applications	Ethernet	RS 422/423/435	RS 232	Token Ring	Parallel	USB
Voltage	7.5V	7.5V	18V	18V	7.5V	7.5V
Surge Current 10/1000 µsec	132 Amps	132 Amps	60 Amps	60 Amps	132 Amps	132 Amps
Connector Type All Pins Protected	DB-15	DB-9 DB-15 DB-25	DB-9 DB-15 DB-25	DB-9	DB-25	Type A or Type B
Model #	TE-EN-DB15	TE-RS422-DB9 TE-RS422-DB15 TE-RS422-DB25	TE-RS232-DB9 TE-RS232-DB15 TE-RS232-DB25	TE-18VLC-D89	TE-DB25	TE-USB-A or TE-USB-B

Maximum Shunt Capacitance: <30pF (<40pF for USB)

Response Time: <5 nanoseconds



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