Surge Protection/Noise Filtering

TES 8P/8C

Fax/Modem Protection

APPLICATIONS

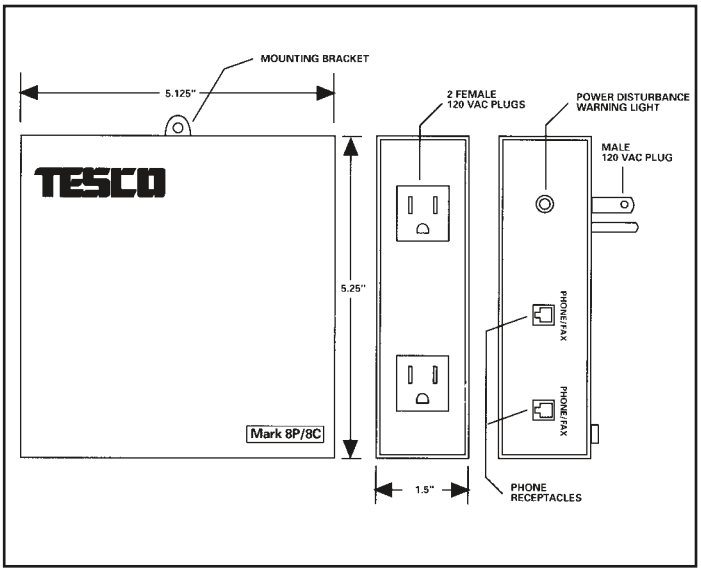
This Model is designed for protecting phone lines and 120 VAC power lines feeding fax/modem equipment.

DESCRIPTION

Wall mounted plug in or corded model containing two transient protection networks, one for protecting the AC power and one for the phone line. Both route harmful voltage transients away from the protected equipment. Two-suppressor design with failure warning indicator light. EXCEEDS UL 1449, IEEE 587, MEETS FCC PART 68.

FEATURES

- Eliminates dangerous voltage transients
- Eliminates EMI-RFI Interference (-40db @ 2MHz)
- Reduces downtime and maintenance cost
- Improves component and system reliability
- Reduces lightning effects
- Promotes personal safety
- Clamps pico and nanosecond rise time transients
- Wide operating temperature range (-40C to +65C)
- Low standby power consumption



ELECTRICAL RATINGS

	AC Line	Tele Line
Max Operating Line Voltage	132 Volts	±185V
Operating Line Amperage	15 AMPS	200mA
Transient Source Voltage	6000V	1000V
Transient Source Current	3000A	3000A

PERFORMANCE SPECIFICATIONS

Leakage Current, Max	0.5 mA
Start Clamp Voltage Level	170 VRMS
Repeated One Cycle AC Line x2 Overvoltage	264 VRMS

Vc (Max, Min)	Current	Waveform	Mode
560V, 440V	3000	8/20 µsec	Line-Neut.
600V, 430V	3000	8/20 µsec	Line-Grd.
460V, 460V	3000	8/20 µsec	Neut.-Grd.

Repeated Single peak 8/20 µsec current impulse dissipation.	13000 AMPS

FAX / MODEM SPECIFICATIONS

Surge clamp peak voltage with 1000 volt unipolar 8/20 µsec. current impulse (with 3000 AMP source capability).

Metallic (tip to ring)	= 310 volts average
Longitudinal (tip to ground or ring to ground)	= 310 volts average
Series loop resistance	= 80 OHMS
Plug compatibility	RJ11C, RJ11W, RJ13C, RJ13W, RJ14C, RJ14W

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