

For protection of LAN equipment and data communications circuits. Solid state technology provides fast reaction to hazardous voltage conditions and prevents damage to sensitive data equipment.

For CAT 5E applications use with our 505E Protector Pack™.

For CAT 6 applications use with our 606 Protector Pack™.

FEATURES & BENEFITS

- UL 497/497A/497B Listed for Primary, Secondary and Isolated Loop Circuit protection
- Less than 5 nanoseconds response time
- Low capacitance solid state technology provides protection for frequencies up to 100 MHz
- Detent position facilitates testing
- Reduces service calls and repair costs
- Designed for CAT5E applications
- Available in 18V, 27V or 65V



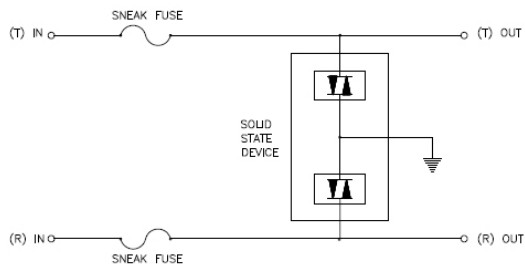
ORDERING INFORMATION

Configuration	Over Current Protection	18 Volt	27 Volt	65 Volt
Single-Pin	Sneak Fuse	LVP18	LVP27	LVP65

The models listed above represent our most popular protectors. Contact our sales department for other models not shown.

ELECTRICAL SPECIFICATIONS:

Electrical	18 Volt	27 Volt	65 Volt	Test Parameters
DC Breakdown Voltage	18V	27V	65V	2000V/Sec max
Impulse Breakdown Voltage	18V	27V	65V	100V/μSec max
Clamping Time	<5n Sec	<5n Sec	<5n Sec	-
Capacitance (Maximum)	<30 pF	<30 pF	<30 pF	1 KHz, 0 VDC
Surge Endurance Number of Operations is Unlimited	100A/side	100A/side	100A/side	10/1000μ Sec max
Line Series Resistance	<1 ohm	<1 ohm	<1 ohm	Line in/Line Out
Insulation Resistance (minimum)	100MΩ	100MΩ	100MΩ	50 VDC 100VDC
Overcurrent Protection	Indefinite 1 hour max 60 sec. max	Indefinite 1 hour max 60 sec. max	Indefinite 1 hour max 60 sec. max	500 mA 1 A 1.5 A

EQUIVALENT CIRCUIT:

Operating temperature: -13° to 149°F (-25° to +65°C)