

TII Lightning & Power Surge Shield™ Model 435-D-L

SPECIFICATIONS

AC SURGE SUPPRESSOR PERFORMANCE

SURGE SUPPRESSION	
Suppression Voltage - 500A, 8/20 μ s waveform (Line to Neutral) Steady State Clamping Voltage	700V max. 300V
Maximum Surge Current 8/20 μ s waveform	20,000A
LIFE TEST 5,000A, 8/20 μ s waveform	1000 surges
Listed to:	UL 1449

TEL/DSL LINE SURGE PROTECTOR PERFORMANCE

Rated for use on telephone lines with up to 120V rms ringing. Coordinates with telco station protector.	
DC Breakdown T-G, R-G, T-R	300V Typical
Surge Voltage @ 100V/ μ s	400 volts max
Line Resistance (per side)	<1 ohms
Insulation Resistance @ 100 Vdc	100M ohms min.
TEL/DSL Line Jacks	Modular RJ-11 Jack
Evaluated by UL:	UL 497A
Complies to:	FCC Part 68

USB/ETHERNET DATA LINE PROTECTOR PERFORMANCE

DC Breakdown (all modes)	40V max.
Surge Voltage @ 100V/ μ s	50V max.
Line Resistance (per side)	<1 ohm
Insulation Resistance @ 10 volts	10 Megohms min.
High Speed Data Network Evaluated by UL:	Modular RJ-45/USB UL 497B

PHYSICAL

Length	9.80 inches
Width	5.00 inches
Height	1.98 inches
Weight	2.33 lbs.
Color	Beige

ENVIRONMENTAL

Operating Temperature	-20 – 60 °C (4 – 140 °F)
Operating & Storage Relative Humidity	0 – 95 % Non-condensing
Storage Temperature	-40 – 65 °C (-40 – 149 °F)