

117S

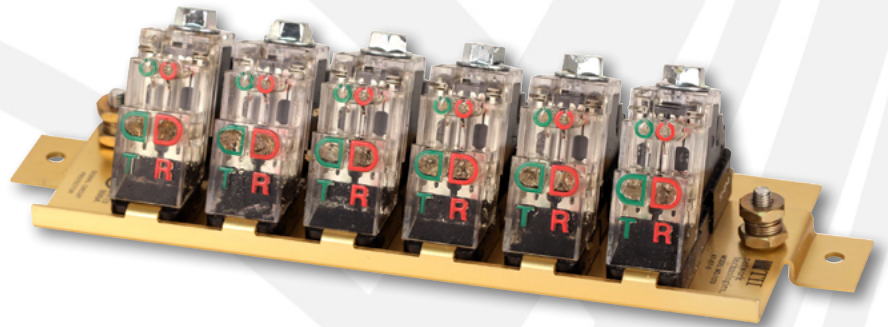
Emergency Phone Systems Surge Protection Panel

Three Electrode Heavy Duty
Gas Tube Surge Protection

Replaces Screw-In Well Surge
Arrester Panels

Gel-Sealed IDC Terminations

Listed to UL 497



117S



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The 117S Surge Protection Panel provides superior surge protection to emergency phone systems. Modular design allows field replacement of individual gel-sealed primary surge protection modules. The protection panel replaces screw-in type well arrester panels and provides more reliable telephone service.

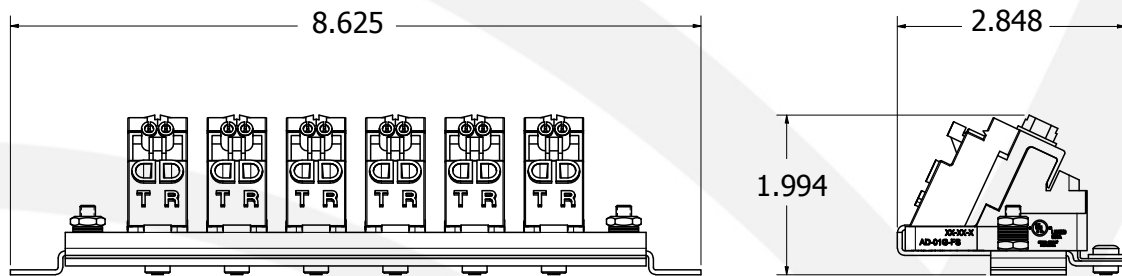
KEY PRODUCT BENEFITS

- ▶ Field replaceable individual surge protection modules
- ▶ Robust design ensure years of uninterrupted Emergency Telephone service
- ▶ Gel-Sealed IDC (Insulation Displacement Contacts) provide long lasting system reliability
- ▶ The surge protection panel is designed to replace screw-in type well arrester panels

INDUSTRY STANDARDS

- ▶ Modules meet or exceed Telcordia GR1361-CORE Specification for Primary Surge Protectors
- ▶ Listed to UL 497

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Dimensions are in Inches

SPECIFICATIONS

DC Breakdown Voltage	265-600 Vdc
Impulse Reset: 135 Vdc @ 200 mA	< 150 mS
Maximum Single Impulse	
Discharge Current	20kA
8/20 waveform	10kA/Side Simultaneously
Impulse Life	
10 Amp, 10/1000 μ sec waveform	1500 surges minimum
100 Amp, 10/1000 μ sec waveform	100 surges minimum
300 Amp, 10/1000 μ sec waveform	50 surges minimum
AC Discharge Current	
10 Amp, 1 second	20 operations minimum
1 Amp, 1 second	60 operations minimum
Capacitance (L-G)	10 pF typical
Aging, Temperature/Humidity Cycling with Srugc	150 Volts DC Bias
Insertion Loss 05 - 10 MHz	0.000 dB to 0.001 dB
Return Loss 0.5 - 10 MHz	-52 dB-30dB
Impulse Breakdown Voltage (L-G)	
@ 100V/ μ sec 500V typical	750V maximum
@ 1KV/ μ sec	750V typical
Insulation Resistance	
@ 50 Vdc, 10 mA	100 megohms minimum

ORDERING INFORMATION

Model No.	Description
117S	Emergency Phone System Surge Protection Panel with Six(6) Protection Modules