

Coaxial Line Surge Protective Device

CLT-CCV-2-M-5

The CLT-CCV-2-M-5 provides Bidirectional Transient Voltage Surge Suppression for Coaxial BNC applications. This unit provides protection against Transient Voltages that exceed nominal operating voltages. The CLT-CCV-2-M can protect against surge voltages above 10V center core to shield and surge impulse currents up to 10kA.



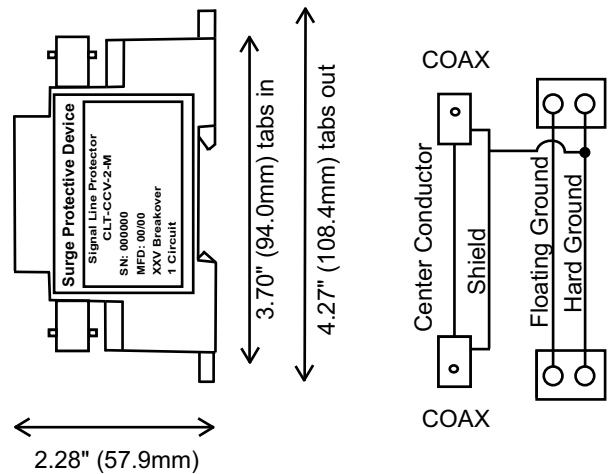
Listed to UL497B

The CLT-CCV-2-M-5 can be DIN or panel mounted. The unit is ideal for the protection of CCTV cameras, receivers, or any low voltage signal data associated with BNC connected sensors or instruments.

The built in floating ground connection allows the device to provide protection at remote locations without creating a ground loop noise problem.

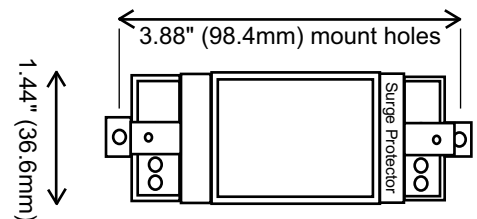
Electrical Specifications

Breakover Voltage Center Conductor to Shield	5V
Breakover Voltage Floating Ground to Hard Ground	60V
Operating Frequency with Attenuation <1dB	0-50Hz
Operating Frequency with Attenuation <3dB	0-100MHz
Operating Frequency with Attenuation <6dB	0-200MHz
Number of Protected Lines	1
Series Resistance	5 Ohms
Interface	50 Ohm



Mechanical Specifications

Overall Height	108.4mm (4.27") Panel Mount
Overall Height	94.0mm (3.70") DIN Mount
Overall Width	36.6mm (1.44")
Overall Depth	57.9mm (2.28")
Connection Type	BNC 30-14AWG Terminals for grounding
Weight	0.09 kilograms (0.19 lbs)
Operating Temperature	-34°C to 74°C (-30°F to 165°F)
Mounting	35mm DIN or panel mount via 2 integrated tabs that accept up to #6 fasteners
Enclosure	Polycarbonate UL94 V-0



Surge Specifications

Maximum Peak Surge Current	10kA
Peak Pulse Power	1500W minimum
Maximum Clamping Voltage at Ipp of 145A	11V
Polarity	Uni-directional
Response Time	< 1 nanosecond



Meter-Treater, Inc

1349 South Killian Drive, Lake Park, Florida 33403

Tel: Main (561) 845-2007

Sales (800) 638-3788

Fax: (561) 848-2372

E-Mail sales@metertreater.com

Web: www.metertreater.com