



CLT Series

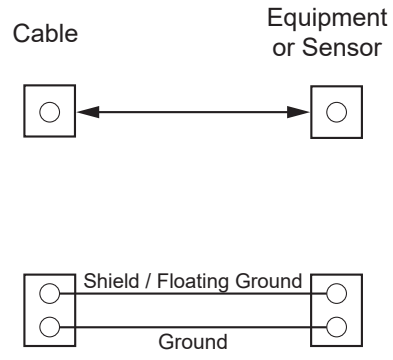
Coaxial Line Surge Protection Device



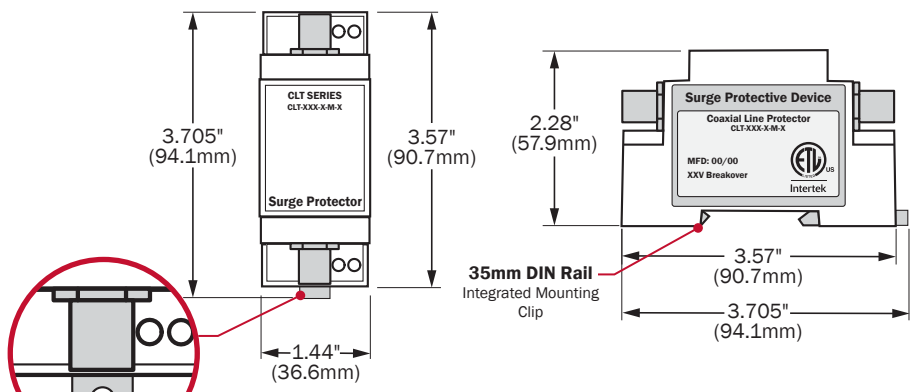
The **CLT Series** provides Bidirectional Transient Voltage Surge Suppression for Coaxial Applications. Units provide protection against Transient Voltages that exceed nominal operating voltages. Devices can protect against surge current impulses up to 10kA/wire.

Models are available to protect **CATV, SATV, CCTV, Digital Modems, Ethernet ThinNet (10 Base 2) and Arcnet**. Consult factory for special applications.

The CLT Series installs in series with the coaxial lines and diverts harmful transient energies away from sensitive system components. Units operate over a wide range of temperatures and interface with standard coaxial protocols.



Wiring Diagram



Dimensions
(Diagrams not drawn to scale)

Panel Mounting Tabs
Extendable Integrated Mounting Tabs

Product Specifications			
Max Surge Current (8/20) I _{max}	10 kA per wire	Response Time	< 1 Nanosecond
Product Weight	12 Ounces	Listings & Certifications	Listed to ANSI/UL 497B
Connector Form/ Type	B&C/F	Series Resistance	< 1 Ohm
Surge Technology	SAD	Peak Pulse Power	1500W
Operating Temperature	-40 °F to +185 °F (-40 °C to + 85 °C)	Line - Load Sensitive	No
Operating Frequency	350 MHz up to 1 GHz	Breakover Voltage: (Line - Ground)	10-75V
Fusing	1.25 A Telco Fuse	Data Transfer Rate	10/100 Mbps
Enclosure	Polycarbonate, Aluminum	Mounting	SST Universal Harness Universal DIN Bracket
Max. Operating Voltage	9-50 Volts	Relative Humidity	95% noncondensing
Max. Clamp Voltage	10-75 Volts	Interface	Bi-directional

Model Number CLT	Application & Voltages -XXX	Connector -X	Case Style X	Mounting (Standard) -X
Coaxial Line Treater Example: CLT-CTV-1M-0	Replace XXX with: CTV = 36V Cable TV TVC = 75V Cable TV CCV = 10V Video VCC = 75V Video ENT = 18V 10 Base 2 ARC = 30V Arcnet NTV = 75V Satellite NOTE: Bold items are Gas Tube (only).	Replace X with: 1 = F Type 2 = BNC Consult factory for gender options.	Replace X with: M = Din Rail Case	Replace X with: 0 = Din Rail Wall Mount