

# M-Ti 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.

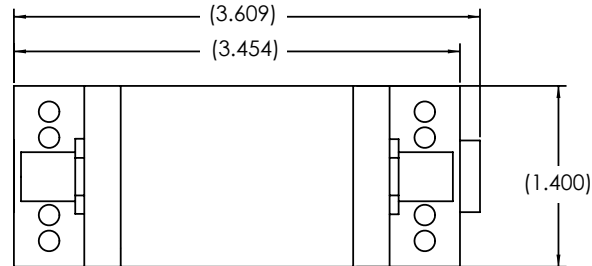
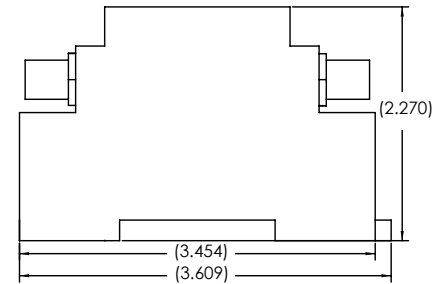
Models are available to protect **CATV, SATV, CCTV, Digital Modems, Ethernet ThinNet (10 Base 2) and Arcnet**. Consult factory for special applications.

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.

### Product Specifications

|  |   |
|--|---|
| Max Surge Current  | 10kA per wire   |
| Interface  | Bi-directional  |
| Response Time  | Typically <1 picosecond                               |
| Series Resistance  | < 0.1 Ohm   |
| Nominal Data Rate  | 100Mbps   |
| Enclosure  | Polycarbonate UL94 V-0                                |
| Max Operating Temp                                       | -40°C to +85°C  |
| Mounting   | Series devices suitable for din rail or wall mounting |
| ETL Listed to UL497A Standard. (Isolated Loop Protector) |   |

### Dimensions (Diagrams not drawn to scale)



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

All product dimensions provided are ± 0.125

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