

MLLT1—HIGH-SPEED DIGITAL T1 OR LEASED LINE PROTECTOR

Features

- **Auto-Resetting Technology**—PTC resistors open when a surge occurs, protecting your equipment, but unlike other fuses, the PTCs close again once the surge passes. Less downtime, and less service calls.
- **Expandable System Protection**—SurgeGate Series Base Units and Modules can be attached to expand system protection as your system grows.
- **Lifetime Product Warranty**—This surge protector shall be free of any defects in design, materials, or workmanship, or ITW Linx will repair or replace the defective product.
- **\$50,000 Connected Equipment Warranty**—This ITW Linx product will protect your equipment or we will repair or replace it up to \$50,000!



Technical Specifications

Designs and specifications are subject to change without notice due to product improvement.

PRODUCT SPECIFICATIONS:

Agency Approval	UL 497A (Secondary)
LED Indicators	N/A
Grounding Requirements	Uses Electrical AC ground, for use with SurgeGate Series AC Base Units. See Technical Reference page 106–107 for additional grounding tips.
Recommended Ground Impedance	< 0.5 Ohm
Width	4.25"
Height	4.25"
Depth	1.5"
Weight	0.43 lbs
Product Warranty	Lifetime
Connected Equipment Warranty	Up to \$50,000



For up-to-date warranty information see our web site: www.itwlinx.com



AC SURGE PROTECTION:

SurgeGate Plus Circuitry	N/A
Protect or Disconnect Circuitry	N/A
Thermal Fusing	N/A
Catastrophic Surge Circuit	N/A
Over/Undervoltage Voltage Protection	N/A
Overvoltage Voltage Shutoff	N/A
Undervoltage Voltage Shutoff	N/A
Single Pulse Energy Dissipation	N/A
Peak Impulse Current	N/A
EMI/RFI Noise Filtration	N/A
Line Voltage	N/A
Initial Clamping Level	N/A
Clamping Level	N/A
Protection Modes	N/A
Maximum Current Rating	N/A
Response Time	N/A
Plug Configuration	N/A
Number of Outlets	N/A
Switched Outlets	N/A
Cord Length	N/A

**SIGNAL LINE SURGE PROTECTION:
TELCO CIRCUIT PROTECTION**

Signal Perfect Circuitry	Yes
Auto-Resetting PTCs	160 mA (8–10 Ohms)
Clamping Level	70V
Response Time	1–5 Nanoseconds
Capacitance	< 50pF
Suppression Modes	Metallic & Longitudinal
Wires Protected	4-wires, 2-pairs per jack (pins 1, 2 & 4, 5)
Termination Type	RJ-48C or RJ-48S

COAX CIRCUIT PROTECTION

Signal Perfect Circuitry	N/A
Fuseless/Auto-Resettable	N/A
Response Time	N/A
Termination	N/A
Antenna/Cable Lines Protected	N/A
Antenna/Cable Clamping Level	N/A
Antenna/Cable Attenuation	N/A
Satellite Lines Protected	N/A
Satellite Clamping Level	N/A
Satellite Attenuation	N/A

LAN CIRCUIT PROTECTION

Signal Perfect Circuitry	N/A
Fuseless/Auto-Resettable	N/A
Performance Rating	N/A
Clamping Level	N/A
Response Time	N/A
Wires Protected	N/A
Termination Type	N/A



More information is available in the Technical Reference section of this catalog, turn to page 86.

Ordering Information

ITW Linx Part Number	Description
MLLT1	Protects up one T1 or ISDN line per port using RJ-48C/48S connectors. T1/LL—2-pairs (pins 1, 2 & 4, 5); ISDN—BRI/PRI compatible.

Applications:

- Telephone Systems