

CAT 5E, MULTILINE PROTECTOR

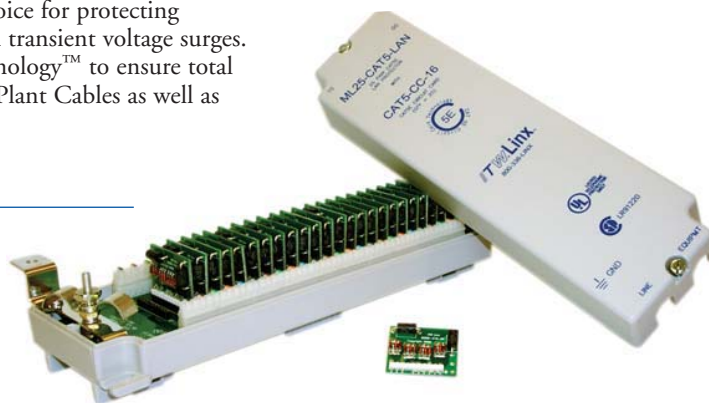
SOLID STATE, BUILDING ENTRANCE PROTECTION

BUILDING ENTRANCE PROTECTION FOR CATEGORY 5E NETWORK APPLICATIONS.

The 25 Pair Category 5e Primary Surge Protector is the only choice for protecting sensitive network routers, hubs, and workstations from lightning and transient voltage surges. The 25 pair version uses the patented Linx Cat5e Circuit Card Technology™ to ensure total protection. For use with High Performance 25 Pair CAT5e Outside Plant Cables as well as CAT5e UTP Cables.

Features:

- UL Listed for Primary (UL497) and Isolated Loop (497B). UL Listing is critical for ensuring safety and performance of protection devices.
- 100% Solid-state protection provides the fastest response to transient voltages (2–5 nanoseconds) by quickly diverting damaging surges to ground.
- Single pair protection— Scale the protection to the system size. Protect only the lines requiring protection.
- Size—25 Pair Protection that fits the footprint of a 66 Block. Also snap-fits to standard 89D Brackets.
- Streamlined Installation—Punchdown the OSP cable on the left side in the integral 110 Connectors. Grounding Hardware (included) clips on to the cable sheath. Punchdown the UTP cable on the right side into the integral 110 connections.
- Protector Card Technology™—Individual Protector Cards offer system scalability and serviceability.
- Uses less wall space and costs less most than Five Pin Block Systems!



PRODUCT SPECIFICATIONS

Cat 5e Circuit Card Technology™ Yes
 100% Solid State Yes
 Response Time 2–5 nanoseconds
 UL Listings: 497 Primary (Building Entrance),
 497B Isolated Loop
 Cat 5e Standards: Exceeds TIA/EIA 568-A-5,
 TIA/EIA 758 (Outside Plant Cabling)

Overall Dimensions 10" L × 4.0625" W × 2.25"D
 Clamping Voltage 16 or 235 Volts DC
 Grounding Requirement Field installed solid copper wire
 #6 AWG for Primary
 #14 AWG for Isolated Loop
 Cable Shield Grounding Integral Shield Grounding Clip attaches to cable
 Input/Output Connections 110 Punchdown

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

Ordering Information

MultiLine Protector Package:

- Base**—Integral Wall Mount Lugs. Screw mounts in identical locations to 66 Block screw mounts. Also snap-fits to an 89D Bracket.
- Cover**—Completes full enclosure of the protector circuitry. Attaches to base with two screws (included).
- Protector Cards**—25 Protector Cards are included. Protector Cards connect to motherboard via Pin and Socket terminals.
- Connectors**—110 Punch-down on Line and Protected Sides are integral to the protector.
- Hardware**—Grounding and mounting hardware included. Grounding hardware mates to the protection circuit and allows for the ground wire to be clamped to the protector.
- Instructions**—Installation instructions are included to show proper use and installation.

Protector Cards for MultiLine Protectors:

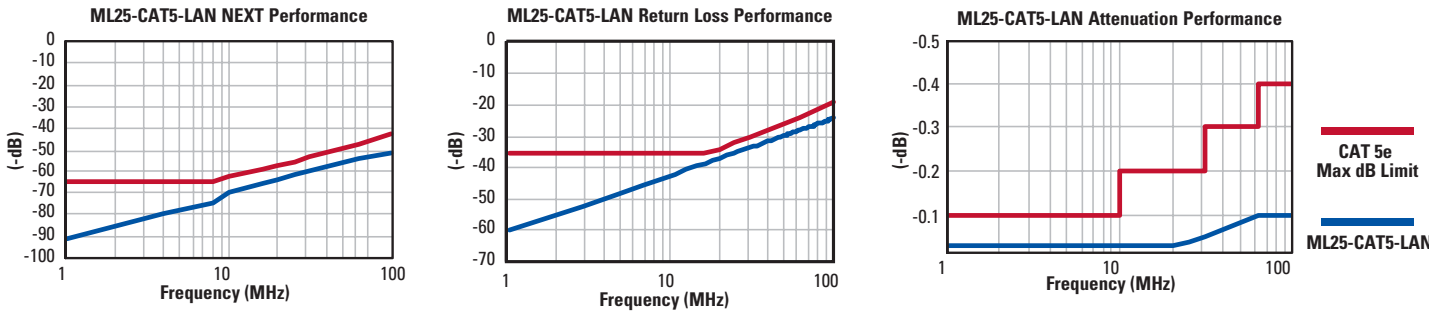
- Protector Cards**—Package of 4, single pair protection cards.
 Use as replacements or in combination with Linx CC-CAT5-xxx Cards to mix Cat5e Protection with Telecommunications protection.

ITW Linx Part Number	Description	Connection Type	Clamping Voltage	Protector Cards
ML25-CAT5-LAN	Category 5e Primary Protector— 25 Pair, UL Listed Per 497, 497B	110 In / 110 Out	16 VDC	CC-CAT5-16
ML-CAT5-235	Category 5e Primary Protector— 25 Pair, UL Listed Per 497, 497B	110 In / 110 Out	235 VDC	CC-CAT5-235

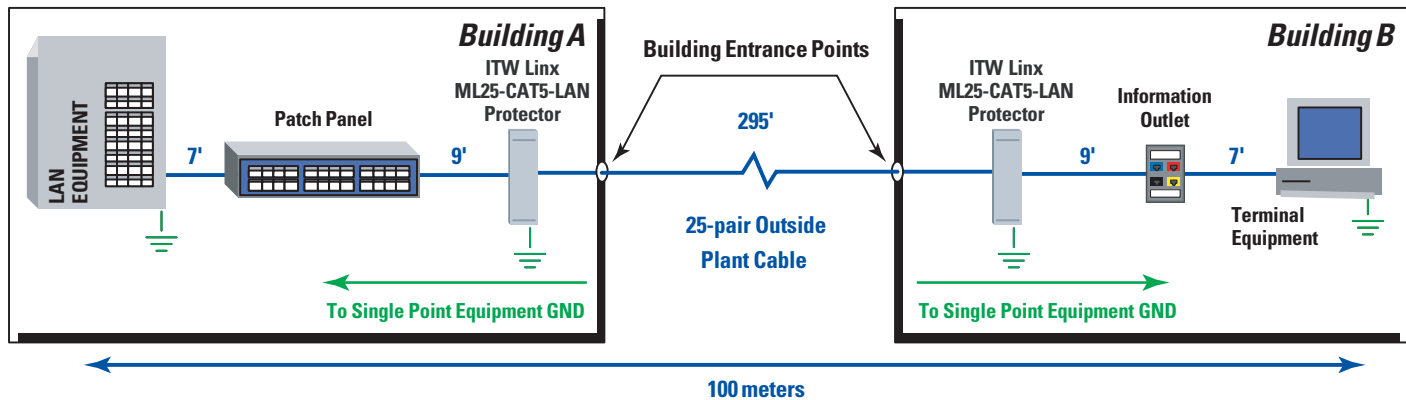
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Performance per TIA/EIA 568-A-5 Standard and Telco Specifications



Multiple Building Installation, Primary Protection—EIA/TIA 568A & 758



Single Building Installation, Secondary—EIA/TIA 568A & 758

