

MULTILINE ML25—CATEGORY 5E BUILDING ENTRANCE SURGE PROTECTOR



Features

- **Primary/Isolated Loop (UL497/UL497B)**—UL Listing is critical for ensuring safety and performance of protection devices.
- 100% Solid-state protection provides the fastest response to transient voltages (1–5 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 than most Five Pin Block Systems!
- **Lifetime Product Warranty**—For up-to-date warranty information visit: itwlinx.com

Technical Specifications

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

PRODUCT SPECIFICATIONS:

Agency Approval	UL 497 (Primary), 497B (Isolated Loop)
LED Indicators	N/A
Grounding Requirements	Field installed solid cooper wire
	#6 AWG for Primary
	#14 AWG for Isolated Loop
Recommended Ground Impedance	< 0.5 Ohm
Width	4.06"
Height	10"
Depth	2.25"
Weight	1.41 lbs
Product Warranty	Lifetime
Connected Equipment Warranty	N/A

SIGNAL LINE SURGE PROTECTION:

TELCO CIRCUIT PROTECTION

Signal Perfect Circuitry	Yes
Fuseless/Auto-Resetable	Yes
Clamping Level	235V
Response Time	1–5 Nanoseconds
Capacitance	< 20pF
Suppression Modes	Metallic & Longitudinal
Wires Protected	Up to 25-pairs
Termination Type	110 Punchdown

LAN CIRCUIT PROTECTION

Signal Perfect Circuitry	Yes
Fuseless/Auto-Resetable	Yes
Performance Rating	Cat5e
Clamping Level	16V
Capacitance	< 20pF
Response Time	1–5 Nanoseconds
Wires Protected	Up to 25-pairs
Termination Type	110 Punchdown

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



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

Applications:

- Telephone Systems
- Workstations
- Fax Machines
- Cameras
- Access Controls
- Alarms

Ordering Information

ITW Linx Part Number	Description	Termination Type
ML25-CAT5-LAN	Protects high-performance 25-pair Category 5e Outside Plant Cables as well as Category 5e UTP cables for LAN/Data, T1/ISDN applications (16V clamping).	110 Punchdown
ML25-CAT5-235	Protects high-performance 25-pair Category 5e Outside Plant Cables as well as Category 5e UTP cables for voice or T1/ISDN applications (235V clamping).	110 Punchdown
CC-CAT5-16	Package of 4, single pair protection cards (16V clamping). Use as replacements or in combination with Linx CC-CAT5-xxx Cards to mix Cat5e Protection with Telecommunications protection.	
CC-CAT5-235	Package of 4, single pair protection cards (235V clamping). Use as replacements or in combination with Linx CC-CAT5-xxx Cards to mix Telecommunications protection with Cat5e Protection.	