

MSL-CAT5-LAN-RJ45—CATEGORY 5E SOLID-STATE BUILDING ENTRANCE PROTECTOR

Modular Protection



Features

- UL Listed for Primary (497) and Isolated Loop (497B) applications.
- Exceeds TIA/EIA Standards 568 and 758 for category 5e performance.
- Solid-state protection provides the fastest response to transient voltages (1–5 nanoseconds) by quickly diverting damaging surges to ground.
- Use between buildings in a campus environment as a building entrance protector or in hostile industrial applications as an isolated loop protector.
- **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.
- **\$10,000 Connected Equipment Warranty**—This ITW Linx product will protect your equipment or we will repair or replace it up to \$10,000!

Technical Specifications

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

PRODUCT SPECIFICATIONS:

Agency Approval UL Primary (497) and Isolated Loop (497B)
 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 0.42 lbs
 Product Warranty Lifetime
 Connected Equipment Warranty Up to \$10,000

SIGNAL LINE SURGE PROTECTION:

TELCO CIRCUIT PROTECTION

Signal Perfect Circuitry N/A
 Fuseless/Auto-Resettable N/A
 Clamping Level N/A
 Response Time N/A
 Capacitance N/A
 Suppression Modes N/A
 Wires Protected N/A
 Termination Type N/A

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 Yes
 Fused/Auto-Resettable Yes
 Performance Rating Cat 5e
 Clamping Level 16V
 Response Time 1–5 Nanoseconds
 Capacitance < 20pF
 Wires Protected 4-pairs
 Termination Type RJ-45

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

Applications:

- Cameras
- Access Controls
- Alarms
- Networks

More information is available in the Technical Reference section of this catalog, turn to page 96.

Ordering Information

ITW Linx Part Number	Description	Termination Type
MSL-CAT5-LAN-RJ45	Protects high-performance 4-pair Category 5e Outside Plant Cables as well as Category 5e UTP cables for LAN/Data applications (16V clamping).	RJ-45



HOME

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Surge Protection Solutions

SecureLinx