

DL1200—VOICE AND HIGH-SPEED DATA PROTECTED PATCH PANELS

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.
- 12-ports, with replaceable 4-port modules
- 110 punch-down input to RJ45 output
- Single-height rack mountable chassis (1U)
- **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.
- **\$5,000 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 497 (Primary), 497B (Isolated Loop)
LED Indicators.....	N/A
Grounding Requirements.....	Field installed solid cooper wire
	#10 AWG for Primary
	#14 AWG for Isolated Loop
Recommended Ground Impedance.....	< 0.5 Ohm
Width.....	19"
Height.....	1.7"
Depth.....	4.5"
Weight.....	5.83 lbs
Product Warranty.....	Lifetime
Connected Equipment Warranty.....	Up to \$5,000



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



SIGNAL LINE SURGE PROTECTION:

TELCO CIRCUIT PROTECTION

Signal Perfect Circuitry.....	Yes
Fuseless/Auto-Resettable.....	Yes
Clamping Level.....	75V, 235V
Response Time.....	1–5 Nanoseconds
Capacitance.....	< 20pF
Suppression Modes.....	Metallic & Longitudinal
Wires Protected.....	8-wires, 4-pairs per port
Termination Type.....	110 Punchdown In / RJ-45 Out

LAN CIRCUIT PROTECTION

Signal Perfect Circuitry.....	Yes
Fuseless/Auto-Resettable.....	Yes
Performance Rating.....	Cat 5e
Clamping Level.....	16V
Response Time.....	1–5 Nanoseconds
Capacitance.....	< 20pF
Wires Protected.....	8-wires, 4-pairs per port
Termination Type.....	110 Punchdown In / RJ-45 Out



More information is available in the Technical Reference section of this catalog, turn to page 92.

Ordering Information

ITW Linx Part Number	Description	Clamping Voltage
DL1200	Protects high-performance Category 5e Outside Plant Cables as well as Category 5e UTP cables for LAN/Data applications (110 In / RJ-45 Out).	16 Volts
DL1200-75	Protects high-performance Category 5e Outside Plant Cables as well as Category 5e UTP cables for Voice/LAN/Data applications (110 In / RJ-45 Out).	75 Volts
DL1200-235	Protects high-performance Category 5e Outside Plant Cables as well as Category 5e UTP cables for Voice applications (110 In / RJ-45 Out).	235 Volts
DL1200-RC-16	4-port replacement module for DL1200	16 Volts
DL1200-RC-75	4-port replacement module for DL1200-75	75 Volts
DL1200-RC-235	4-port replacement module for DL1200-235	235 Volts

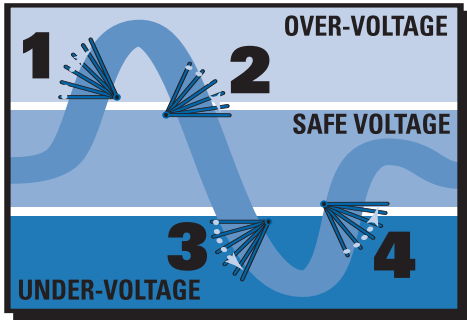
Applications:

- Work-stations
- Cameras
- Access Controls
- Alarms
- Networks

ITW LINX INNOVATIVE PROTECTION CIRCUITRY FEATURING:

SurgeGate Plus Circuitry

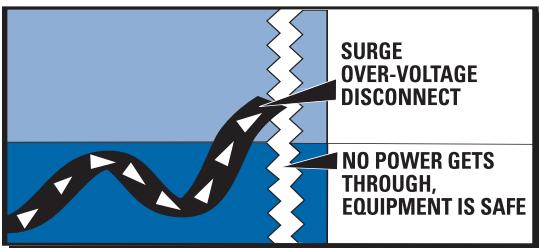
Protects against prolonged overvoltages and undervoltages by automatically disconnecting the power to your equipment, then reconnecting it when the power has returned to a safe level. This patented circuitry acts as a gate to prevent unsafe voltages from damaging sensitive equipment.



- 1.) Overvoltage **DISCONNECT**
- 2.) Safevoltage **RECONNECT**
- 3.) Undervoltage **DISCONNECT**
- 4.) Safevoltage **RECONNECT**

Protect or Disconnect Circuitry

Protects equipment against all surges. In the event of a catastrophic surge such as lightning, it completely disconnects AC power to the connected equipment and to the protector.



Signal Perfect Circuitry

Auto-resetting surge protection for data networks, telephone and coax lines. This optimized circuitry ensures a clean, clear signal and features solid-state suppressors for maximum protection and reliability.

