

DL-12C, DL-25C, DL-50C—CATEGORY 6 BUILDING ENTRANCE TERMINALS



Features

- **Superior Category 6 performance**—TIA/EIA 568-B-2.1. Must be used in conjunction with ITW Linx FPP-CAT6-xxx five pin modules for Cat 6 performance.
- **Primary/Isolated Loop (UL497/UL497B)**—UL Listing is critical for ensuring safety and performance of protection devices.
- **Solid-state protection**—Provides the fastest response to transient voltages (1–5 nanoseconds) by quickly diverting damaging surges to ground.
- **Single pair protection**—Protect only the lines requiring protection.
- **Rack mounted or wall-mounted**—First Building Entrance Terminal in the industry to mount to a standard 19" rack
- **Size**—12-pair, 25-pair, and 50-pair protection.
- **Streamlined Installation**—Punch down the OSP cable on the “Line” side and punch down the UTP cable on the “Equipment” side of the integral 110 connectors.
- Individual Five Pin Modules offer system scalability and serviceability.
- Covered to provide added security and durability and ensure your transmission certification.
- Gold plated contacts for corrosion resistance.
- Integral cable management and strain relief and durable black painted steel housings.
- Grounding hardware included.

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 |
| Performance Rating | Category 6 (when used with FPP-CAT6 modules) |
| Grounding Requirements | Field installed solid cooper wire |
| | #6 AWG for Primary |
| | #14 AWG for Isolated Loop |
| Recommended Ground Impedance | < 0.5 Ohm |
| Termination Type | 110 punchdown |
| Width | see ordering information below |
| Height | 19" |
| Depth | 4.1" |
| Weight | N/A |
| Product Warranty | Lifetime |
| Connected Equipment Warranty | N/A |

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 |

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 |

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 92.

Ordering Information

| ITW Linx Part Number | Description |
|-----------------------------|--------------------|
|-----------------------------|--------------------|

DL-12C 12-pair Cat 6 rated BET with cover, Rack- or wall-mountable, 5.2" × 19" × 4.1".

DL-25C 25-pair Cat 6 rated BET with cover, Rack- or wall-mountable, 8.7" × 19" × 4.1".

DL-50C 50-pair Cat 6 rated BET with cover, Rack- or wall-mountable, 15.7" × 19" × 4.1".

Use in conjunction with ITW Linx FPP-Cat 6-xxx five pin modules for Cat 6 performance.

DataLinx Cat 6 Building Entrance Terminals

Applications:

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

FPPCAT6—CATEGORY 6 FIVE PIN SURGE PROTECTION MODULES

Features

- **Superior Category 6 performance**—TIA/EIA 568-B-2.1. Must be used in conjunction with ITW Linx FPP-CAT6-xxx five pin modules for Cat 6 performance.
- **Primary/Isolated Loop (UL497/UL497B)**—UL Listing is critical for ensuring safety and performance of protection devices.
- **Solid-state protection**—Provides the fastest response to transient voltages (1–5 nanoseconds) by quickly diverting damaging surges to ground.
- **Single pair protection**—Protect only the lines requiring protection.
- **Rack mounted or wall-mounted**—First Building Entrance Terminal in the industry to mount to standard.
- **Clamping Voltages**—16V, 75V, 235V.
- **Streamlined Installation**—Press fit protectors to the the block.
- Individual Five Pin Modules offer system scalability and serviceability.
- Gold plated contacts for corrosion resistance.



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 |
| Performance Rating | Category 6 (when used with CAT6 BET's) |
| Grounding Requirements | Field installed solid cooper wire |
| | for use with Category 6 Building Entrance Terminals. |
| Recommended Ground Impedance | < 0.5 Ohm |
| Solid-state Circuitry | Yes |
| Termination Type | Five Pin |
| Width | .75" |
| Height | 3.5" |
| Depth | 0.51" |
| Weight | 0.02 lbs |
| Product Warranty | Lifetime |
| Connected Equipment Warranty | N/A |

SIGNAL LINE SURGE PROTECTION:

TELCO CIRCUIT PROTECTION

| | |
|-------------------------------------|-----------------|
| Signal Perfect Circuitry | Yes |
| Fuseless/Auto-Resetttable | Yes |
| Clamping Level | 75V, 235V |
| Response Time | 1–5 Nanoseconds |
| Capacitance | < 20pF |
| Suppression Modes | N/A |
| Wires Protected | 2-wires, 1-pair |
| Termination Type | Five Pin Block |

LAN CIRCUIT PROTECTION

| | |
|-------------------------------------|-----------------|
| Signal Perfect Circuitry | Yes |
| Fuseless/Auto-Resetttable | Yes |
| Performance Rating | Category 6 |
| Capacitance | < 20pF |
| Clamping Level | 16V |
| Response Time | 1–5 Nanoseconds |
| Wires Protected | 2-wires, 1-pair |
| Termination Type | Five Pin Block |

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Ordering Information

| ITW Linx Part Number | Description |
|----------------------|---|
| FPPCAT6-16 | Category 6 Primary Five Pin protector for LAN applications, 1-pair, 16V clamping. |
| FPPCAT6-75 | Category 6 Primary Five Pin protector for digital voice applications, 1-pair, 75V clamping. |
| FPPCAT6-235 | Category 6 Primary Five Pin protector for analog voice applications, 1-pair, 235V clamping. |

Use in conjunction with ITW Linx CAT 6 BET's for Cat 6 performance.

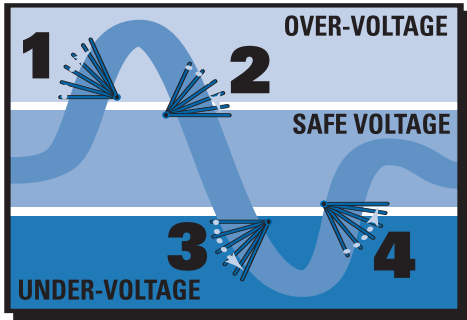
Applications:

- Telephone Systems
- Work-stations
- Fax Machines
- Cameras
- Access Controls
- Alarms

ITW LINX INNOVATIVE PROTECTION CIRCUITRY FEATURING:

SurgeGate Plus Circuitry

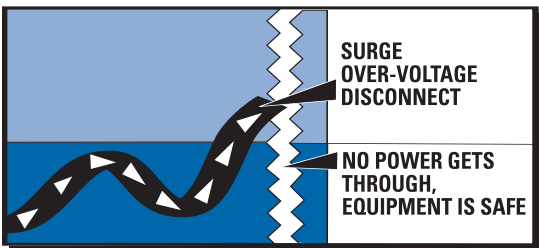
Protects against prolonged overvoltages and undervoltages by automatically disconnecting the power to your equipment, then reconnecting it when the power has returned to a safe level. This patented circuitry acts as a gate to prevent unsafe voltages from damaging sensitive equipment.



- 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.

