

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
Width75"
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

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
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

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



DataLinx Cat 6 Building Entrance Terminals

Applications:

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



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

Ordering Information

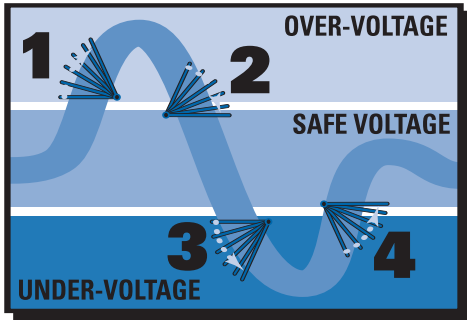
ITW Linx Part Number	Description
DL-12C	12-pair Cat 6 rated BET with cover, Rack- or wall-mountable, 5.2" × 19" × 4.1".
DL-25C	25-pair Cat 6 rated BET with cover, Rack- or wall-mountable, 8.7" × 19" × 4.1".
DL-50C	50-pair Cat 6 rated BET with cover, Rack- or wall-mountable, 15.7" × 19" × 4.1".

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

ITW LINX INNOVATIVE PROTECTION CIRCUITRY FEATURING:

SurgeGate Plus Circuitry

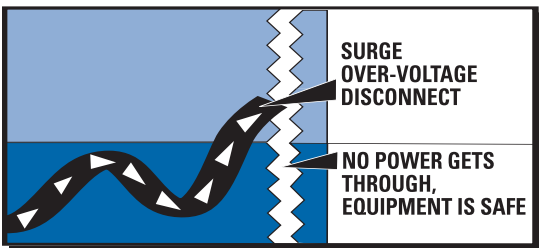
Protects against prolonged overvoltages and undervoltages by automatically disconnecting the power to your equipment, then reconnecting it when the power has returned to a safe level. This patented circuitry acts as a gate to prevent unsafe voltages from damaging sensitive equipment.



- 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.

