

110-UP2B—ANALOG AND DIGITAL VOICE 110 BLOCK SURGE PROTECTORS

Features

- **Solid-state Protection**—Automatically resets without user intervention and 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.
- **Streamlined Installation**—Eliminate redundant crossconnects by adding protection directly at the 110 Block. Press fit ground bar MGB-110 to the block and then press fit the protectors to the block.
- **Sneak Current Protection**—Protects against fires caused by overloads and power crosses.
- 110-UP2B's are UL Listed as both Primary and Secondary Protector, and include replaceable sneak current protection. 110-UP2B includes easy access test points for testing without removing the protector.
- **Optimum Protection**—Available in a number of voltage ratings to match system operating voltages.
- **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), 497A (Secondary)
LED Indicators	N/A
Sneak Current Protection	Yes
Grounding Requirements	Field installed solid cooper wire
	for Primary 1–6 pairs 10 AWG
	for Primary 7–25 pairs 6 AWG
	for Secondary 1–6 pairs 14 AWG
	for Secondary 7–25 pairs 6 AWG
Recommended Ground Impedance	< 0.5 Ohm
Fuse Rating	350mA (<0.5 Ohms)
PTC Rating	N/A
Applications	Voice / fax/ modem lines
Width	1.375"
Height	2.75"
Depth	0.32"
Weight	N/A
Product Warranty	Lifetime
Connected Equipment Warranty	N/A

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



SIGNAL LINE SURGE PROTECTION: TELCO CIRCUIT PROTECTION

Signal Perfect Circuitry	Yes
Auto-Resetttable	Yes
Clamping Level	30V, 39V, 75V, 235V
Response Time	1–5 Nanoseconds
Capacitance	< 50pF
Suppression Modes	Metallic & Longitudinal
Wires Protected	2-wires, 1-pair
Termination Type	110 Style Wiring Blocks

T1/ ISDN/LAN CIRCUIT PROTECTION

Signal Perfect Circuitry	N/A
Auto-Resetttable	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



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

Ordering Information

ITW Linx Part Number	Description
110-UP2B-30	UL Primary and Secondary listed with 350mA fuse and sneak current protection for voice/fax/modem lines (clamping 30V)
110-UP2B-39	UL Primary and Secondary listed with 350mA fuse and sneak current protection for voice/fax/modem lines (clamping 39V)
110-UP2B-75	UL Primary and Secondary listed with 350mA fuse and sneak current protection for voice/fax/modem lines (clamping 75V)
110-UP2B-235	UL Primary and Secondary listed with 350mA fuse and sneak current protection for voice/fax/modem lines (clamping 235V)

Applications:

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