

# UltraLinx™

PBX Surge Protection



*Featuring  
Ground &  
Protection  
Indicators*

**Solid-state,  
66 block  
Protectors**

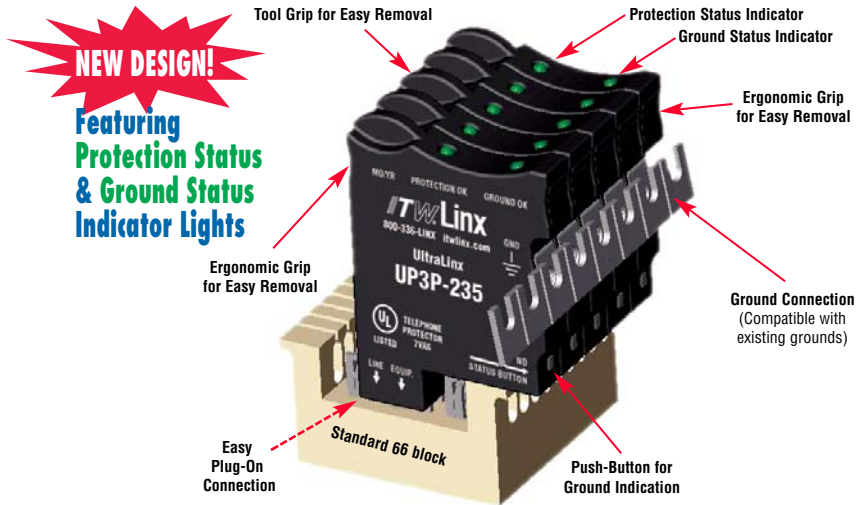
## TWLinx

Communications Products

[itwlinx.com](http://itwlinx.com)

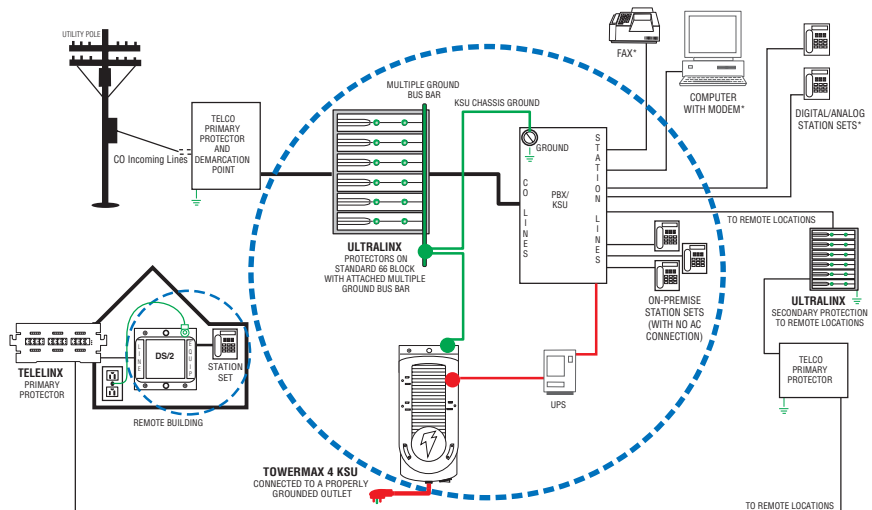
800.336.LINX

## Introducing the UltraLinX Protector From ITW Linx



Specifications						
Part Numbers	Solid State	Fuse Rating	Primary	Secondary	Dimensions L" × W" × D"	Application
UP3B	✓	350 mA	✓	✓	1.88 × 2.62 × 0.38	Voice / Fax
UP3H	✓	160 mA	—	✓	1.88 × 2.62 × 0.38	T1 / xDSL / ISDN
UP3P	✓	160 mA	—	✓	1.88 × 2.62 × 0.38	Voice / Fax

## Bubble of Protection—Typical Application Diagram



\* To protect equipment marked (\*) additional protectors are required.  
Illustration and grounding technique are for Secondary Protection only.

## UltraLinx—66 Block Protectors



**NEW DESIGN!**

### Solid State Protection for Voice and High-Speed Data Transmission Systems

Protect sensitive electronics in voice and data communication systems from damage caused by transient voltages with 100% solid-state voltage protection. Current surge protection is provided through sneak current fuses or resettable PTC's.

**NOW WITH  
INDICATOR  
LIGHTS**

### Features

- **66 Block Connectivity**—Fits all 66 Type M Blocks
- **Dual Indicator Lights**—Protection OK and Ground OK
- **Solid-state Protection**—Provides the fastest response to transient voltages (2–5 nanoseconds) by quickly diverting damaging surges to ground and resetting.
- **Single Pair Protection**—Scale the protection to the system size. Protect only the lines requiring protection.
- **Cost Savings**—Eliminate expensive five-pin blocks while using economical 66 Blocks.
- **Streamlined Installation**—Eliminate redundant cross-connects by adding protection directly at the 66 Block. Press fit protectors to the block attaching the ground bar MGB-1 to the protectors.
- **Optimum Protection**—Available in a number of voltage sizes to match system operating voltages.
- **Ideal for Retrofit Applications**—just remove the bridging clips from the block and replace them with the UltraLinx Protector. Add the ground connection and the pair is protected!
- **Sneak Current Protection**—Protects against fires caused by overloads and power crosses.
- UP3B Version is UL Listed as both Primary and Secondary Protector.
- UP3H, UP3P are UL Listed as Secondary Protectors and contains self-resetting PTC's to eliminate service calls.
- UP3H Version is designed specifically to protect high speed T1, xDSL data lines without harming the transmission integrity.

**UltraLinx Part Numbers for use on 66 Blocks**

Maximum Operating Voltage (Includes AC & DC voltage)	Clamping Voltage	Voice / Fax / Modem Lines 350 mA Fuses	Voice / Fax / Modem Lines 160 mA PTC	T1 / E1 xDSL / ISDN / LAN
0–26.9 Volts	27	UP3B-27	UP3P-27	UP3H-27
27.0–35.0 Volts	39	UP3B-39	UP3P-39	UP3H-39
35.1–60.0 Volts	75	UP3B-75	UP3P-75	UP3H-75
200 Volts Peak	235	UP3B-235	UP3P-235	UP3H-235



*Lifetime Product Warranty*

For up-to-date warranty information visit our website: [itwlinx.com](http://itwlinx.com)

**itwlinx.com**