

**UP3P—VOICE / HIGH-SPEED DATA 66 BLOCK, UL SECONDARY SURGE PROTECTORS**

*Features*

- **Dual Indicator Lights**—Protection OK and Ground Connection OK
- **Solid-state Protection**—Provides the fastest response to transient voltages (1–5 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.
- **Streamlined Installation**—Eliminate redundant cross-connects by adding protection directly at the 66 Block. Press fit protectors to the the block and attach the ground bar to the protectors. A Screw Ground Lug also is required. (MGBSGL-1)
- **Sneak Current Protection**—Protects against fires caused by overloads and power crosses.
- **Cost Savings**—Eliminate expensive five-pin blocks and use economical 66 Blocks.
- **Optimum Protection**—Available in a number of voltage ratings 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!
- **Lifetime Product Warranty**—For up-to-date warranty information visit: [itwlinx.com](http://itwlinx.com)



*Technical Specifications*

*Designs and specifications are subject to change without notice due to product improvement.*

**PRODUCT SPECIFICATIONS:**

Agency Approval	UL 497A (Secondary)
LED Indicators	Yes
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	N/A
PTC Rating	160mA (8–10 Ohms)
Applications	Voice / fax/ modem lines
Width	1.88"
Height	2.62"
Depth	0.38"
Weight	0.04 lbs
Product Warranty	Lifetime
Connected Equipment Warranty	N/A

**SIGNAL LINE SURGE PROTECTION:**

**TELCO CIRCUIT PROTECTION**

Signal Perfect Circuitry	Yes
Auto-Resettable	Yes
Clamping Level	27V, 39V, 75V, 100V, 235V
Response Time	1–5 Nanoseconds
Capacitance	< 50pF
Suppression Modes	Metallic & Longitudinal
Wires Protected	2-wires, 1-pair
Termination Type	66 type M Blocks

**T1/ ISDN/LAN CIRCUIT PROTECTION**

Signal Perfect Circuitry	N/A
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

For up-to-date warranty information see our web site: [www.itwlinx.com](http://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
<b>UP3P-27</b>	UL Secondary listed with 160mA PTC for voice/fax/modem lines (clamping 27V)
<b>UP3P-39</b>	UL Secondary listed with 160mA PTC for voice/fax/modem lines (clamping 39V)
<b>UP3P-75</b>	UL Secondary listed with 160mA PTC for voice/fax/modem lines (clamping 75V)
<b>UP3P-100</b>	UL Secondary listed with 160mA PTC for voice/fax/modem lines (clamping 100V)
<b>UP3P-235</b>	UL Secondary listed with 160mA PTC for voice/fax/modem lines (clamping 235V)

*Applications:*

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

**MGBSGL-1—MULTIPLE GROUND BAR & SCREW GROUND LUG FOR 66 BLOCK PROTECTORS**

*Features*

An UltraLinx 66 block Ground Bus Bar is required for use with all UltraLinx Protectors to provide the necessary ground connection from the each protected pair to the Single Point Equipment Ground. One MGB is required per installation of 1 to 25 protected pairs. Each bus bar is scored for breaking into smaller pieces for use with less than 25-pairs. A screw ground lug is also provided for connecting a single point ground wire.



*Ordering Information*

ITW Linx Part Number	Description
<b>MGBSGL-1</b>	Multiple Ground Bar and Screw Ground Lug for use with UltraLinx 66 block protectors (UP3's).

**MGB-110—MULTIPLE GROUND BAR & SCREW GROUND LUG FOR 110 BLOCK PROTECTORS**

*Features*

An UltraLinx 110 block Ground Bus Bar is required for use with all 110-UP2 Protectors to provide the necessary ground connection from the each protected pair to the Single Point Equipment Ground. One MGB is required per installation of 1 to 25 protected pairs. An screw ground lug is also provided for connecting the single point ground wire.

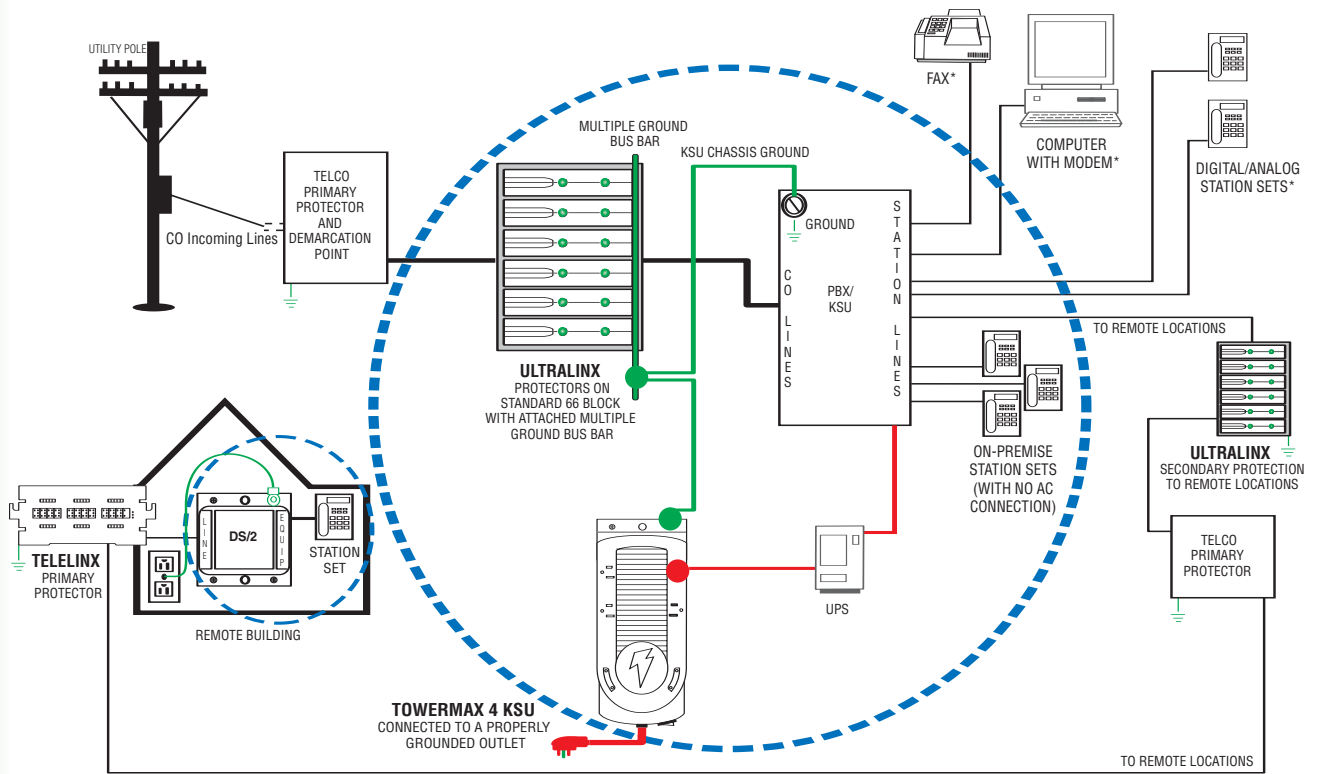


*Applications:*

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

*Ordering Information*

ITW Linx Part Number	Description
<b>MGB-110</b>	Multiple Ground Bar and Screw Ground Lug for use with UltraLinx 110 block protectors (110-UP2's).



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