

Secondary Protection from ITW Linx

Typical communication equipment installations have a Primary or Building Entrance Protector installed. The Primary Protector is installed to meet the NEC Article 800 Requirements. Although these protectors prevent building damage and human injury, in many instances they are not designed to specifically protect your sensitive communications equipment. Primary protectors are typically gas tube devices, which react slowly to voltage surges and at reaction levels that are far higher than many of today's digital system operating voltages. In many instances, these protectors also allow harmful current surges to enter the building. The current surge may not be high enough to trigger the Primary protector or damage building wiring, but they are high enough to damage sensitive equipment.

So, how can you effectively protect your telecommunications equipment? A Secondary Protector that is specifically matched to system operating requirements should be added between the Primary Protector and the equipment. The Secondary Protector will prevent surges from outside the building as well as inside the building (a very common occurrence) from reaching the equipment. ITW Linx has a series of protection devices that are designed to protect your equipment from surges that the primary protector allows to pass through. The ITW Linx UltraLinx product line provides the necessary solid-state nanosecond response to overvoltage surges as well as fuses or self-resetting PTC's to handle damaging current surges. The ITW Linx UltraLinx Protectors are available in two styles: 66 Block Type. The UltraLinx Protectors install easily by snap-fit to a standard 66 Block. Each style has a series of available voltages to match almost any system as well as removable sneak current modules for easy service. The UltraLinx Protector is UL Listed for UL497 and/or UL 497A.

ITW Linx Description		
66 Block UltraLinx UL 497 & 497A <i>(Voice/Data)</i>	66 Block UltraLinx UL 497A <i>(Voice/Data)</i>	66 Block UltraLinx UL 497A <i>(T1/ISDN/LAN Lines)</i>
UP3B-27: <i>27V Clamping, 350mA fuse</i>	UP3P-27: <i>27V Clamping, 160mA PTC</i>	UP3H-27: <i>27V Clamping, 160mA PTC</i>
UP3B-39: <i>39V Clamping, 350mA fuse</i>	UP3P-39: <i>39V Clamping, 160mA PTC</i>	UP3H-39: <i>39V Clamping, 160mA PTC</i>
UP3B-75: <i>75V Clamping, 350mA fuse</i>	UP3P-75: <i>75V Clamping, 160mA PTC</i>	UP3H-75: <i>75V Clamping, 160mA PTC</i>
UP3B-100: <i>100V Clamping, 350mA fuse</i>	-----	-----
UP3B-235: <i>235V Clamping, 350mA fuse</i>	UP3P-235: <i>235V Clamping, 160mA PTC</i>	UP3H-235: <i>235V Clamping, 160mA PTC</i>
MGBSGL-1: <i>66 Block Ground Bar and Screw Ground Lug Accessory</i>	MGBSGL-1: <i>66 Block Ground Bar and Screw Ground Lug Accessory</i>	MGBSGL-1: <i>66 Block Ground Bar and Screw Ground Lug Accessory</i>
<p>Note: Versions are available for T1/ISDN/DSL applications as well as other clamping voltages and fuse ratings to match most system operating requirements.</p>		