



# ML162475-HW / MULTI PAIR WIRED NETWORK SURGE PROTECTOR



## Features:

- UL Listed for Primary (497) and Isolated Loop (497B) applications
- **Single pair protection** Scale the protection to the system size. Protect only the lines requiring protection
- 100% solid-state protection provides the fastest response to transient voltages (1-5 nanoseconds) by quickly diverting damaging surges to ground
- Size - 15 pair protection up to 25 pairs, by adding additional protectors that fits the footprint of a 66 block. Also snap-fits to standard 89D brackets
- Streamlined Installation - Punchdown the OSP cable on the left side in the integral 110 connectors. Grounding hardware (included) clips on to the cable sheath. Punchdown the UTP cable on the right side into the integral 110 connections
- **Protector Card Technology™** - Individual protector cards offer system scalability and serviceability
- **5 Year Product Warranty** - This surge protector shall be free of any defects in design, materials or workmanship, or ITW Linx will repair or replace the defective product



## TECHNICAL SPECIFICATIONS

### PRODUCT SPECIFICATIONS:

Agency Approval	UL Primary (497) and Isolated Loop (497B)
Grounding Requirements	Field installed solid copper wire #6 AWG for Primary #14 AWG for Isolated Loop See Technical Reference at <a href="http://www.itwlinx.com">www.itwlinx.com</a>
Recommended Grounding Impedance	<0.5 Ohm
Width / Height / Depth / Weight	4.06" / 10" / 2.25" / 1.41 lbs
Product Warranty	5 Years

### SIGNAL LINE SURGE PROTECTION:

Signal Perfect Circuitry	Yes
Clamping Level	16V-5 pair / 24V-5 pair / 75V-5 pair
Response Time	1-5 Nanoseconds
Capacitance	<20pF
Suppression Modes	Metallic & Longitudinal
Wires Protected	15 pair and up to 25 pair by adding additional protectors
Termination Type	110 Punchdown

### ORDERING INFORMATION

Part Number	Description
ML162475-HW	Protects high-performance CAT 5e Outside Plant Cables as well as CAT 5e UTP cables with 110 Punchdown/termination.