

# NEW COMPACT POWER OVER ETHERNET SURGE PROTECTION

**Model: CT6-POE-RJ45**



**Features**

- Compact design for convenient and effective surge protection
- Solid state technology
- Balanced signal protection ensures unobstructed pass through signal integrity
- RJ45 In/Out connections
- Side-by-Side installation capability minimizes space and enhances grounding
- Exceeds TIA/EIA Standards 568 and 758 for CAT6 signal performance
- UL listed 497B
- Integrated Grounding Screw

**Applications**

- Protection for high power (PoE) (PoE+) (POE++/UPOE) applications
- Camera, wireless access point, building-to-building protection
- Protection from lightning, induction and AC infrastructure generated surges
- Indoor equipment
- Light-industrial and telecommunications systems
- Other commercial applications

**General Information**

The ITW Linx CT6-POE-RJ45 is an Information Communications Technology (ICT) infrastructure in-line surge protection module. Designed to protect POE powered and connected equipment and systems from the destructive force of surges. The state-of-the-art design offers a convenient and affordable solution for protecting networks and systems without degrading signal and power, resulting in reliable operations and long-term performance.

**Electrical Characteristics**

(PoE) (PoE+) (POE++/UPOE) Capable	Yes
Category/Signal	Cat6
Voltage Clamping Level	75VDC
Balanced Over Voltage	Yes
Modes of Protection	Across all pairs and ground
Surge Response Time	<5 Nanoseconds
Capacitance	<5 pF
Capacitive Imbalance	<1 pF
Max Continuous Current	1.5 Amps (per pair)

**Mechanical Characteristics**

Enclosure	Molded ABS V0
Environmental Rating	Indoors
Operating Temperature	-40°C to +65°C
Operating Humidity	0 to 95% non-condensing
Mounting	Surface
Connection Method	RJ45 Jack In and Out
Enclosure Dimension (L x W x H)	4.0" x 2.0" x 1.24"
Weight	0.5 lbs
Grounding Connection	Integrated Screw Terminal

**Standards and Compliance: UL497B**

Specifications are subject to change without notice. The device characteristics and parameters in this data sheet can and do vary in different applications and actual device performance may vary over time. Users should verify actual device performance in their specific applications.