

Power-Over-Ethernet (POE)

MJ8-505-24D3A60-12A



Designed to protect Power-Over-Ethernet (POE) (Mode A) network devices with transmission speeds up to 100BaseT. Mode A has both power and data on pins 1, 2, 3, 6, however all eight pins are protected by a carefully designed circuit that isolates data from ethernet power lines. The ultra-sharp clamping response permanently eliminates transients from your POE applications.

Applications

- Wireless Access Points (WAPs)
- IP Telephony Sets
- IP Cameras
- Switches
- Midspan PSE

POE Surge Protection

- Data clamp voltage: 60 VDC
- Power clamp voltage: 60 VDC
- Handles up to 100 BaseT
- Common/Diff. mode protection (L-G, L-L)
- All 8 pins protected

Specifications

Citel Model Number	MJ8-505-24D3A60-12A
Data Clamp Voltage: (Pins 1, 2, 3, 6)	60 VDC
Power Clamp Voltage (Pins 1, 2, 3, 6)	60 VDC
Peak Pulse Current:: (10/1000µs)	Pins 1, 2, 3 & 6 = 50 amps
Response Time:	<5 nanoseconds
Maximum Shunt Capacitance:	< 75 pf
Protection Mode: Common+Differential	L-G, L-L
Connector	RJ45

*All specifications are subject to change without notice.
Dimension: H x W X L (0.925" x 1.47" x 3.6")

