

## Power-Over-Ethernet (POE)

### MJ8-505-24D3A60-12



*Designed to protect Power-Over-Ethernet (POE) data/communication lines in local and wide area networks up to 100Base-T transmission speeds. All eight pins are protected by a carefully designed circuit that isolates data from ethernet power lines. The ultra-sharp clamping response of the CITEL model MJ8 permanently eliminates transients from your POE applications.*

#### Applications

- Computer Control Rooms
- Educational Institutions
- Server Farms
- Commercial Offices
- Manufacturing Facilities
- Transmitter and Receiver Stations

#### POE Protection

- Power and Signal line protection
- Data clamp voltage 7.5V.
- Power clamp voltages of 60V DC
- Common/Diff. mode protection - L-G, L-L
- State of the art technology
- Compact, in-line installation
- High-energy, high-speed capabilities
- Low shunt capacitance
- All 8-pins protected

#### Specifications

Citel Model	MJ8-505-24D3A60-12
Data Clamp Voltage (Pins 1,2,3,6)	7.5V DC
Power Clamp Voltage (Pins 4,5,7,8)	60V DC
Peak Pulse Current (10/1000µs)	132 amps
Response Time	<5 nanoseconds
Maximum Shunt Capacitance	< 25 pf
Protection Mode: Common+Differential	L-G, L-L
Connector	RJ45

\*All specifications are subject to change without notice.

