

ZoneBarrier ZB24571

Protects 100-Base-T, 10-Base-T, Power Over Ethernet (PoE), and LANs from transients caused by direct or indirect lightning.

- High energy Metal Oxide Varistors (MOVs) combined with a double network of ultra fast diodes and Silicon Avalanche Diodes (SADs)
- Three distinct stages of protection
- Mounting on standard 35mm DIN rail or to any flat surface for standalone applications
- UL497B Listed
- 10 year product warranty



Used for IEEE 802.3af compliant networks which apply 48V power on pins 1, 2, 3, 6. Shielded RJ45 connectors are used and are bonded to protector ground. The unit has been designed to withstand 230Vac, common mode.

Specifications

Circuit Type:	Three (3) stage series hybrid
Lines protected:	Four (4) per port
Shielded connectors:	RJ45 (pins 1, 2, 3, 6)
Surge capacity:	1kA per wire
Residual voltage:	75V @ 0.5kA, 8/20 μ s
Clamp voltage:	62V
Rated voltage:	48V
Max. frequency:	155MHz
Attenuation:	Better than -0.3dB at 100MHz
N.E.X.T.:	Worst pair, better than -43dB at 100MHz
Case dimensions:	5.1" x 2.3" x 1.0" overall (12.95mm x 5.8mm x 2.54mm)