

Type QAS, Arc Suppressor/Snubber Network

Radial Metallized Polyester RC Network for Transient Suppression

Type QAS will extend the operating life of electronic and electro-mechanical devices by reducing and/or eliminating the electrical arcing, noise, and EMF. These electrical conditions often cause early failures in relays, switch contacts, and solid-state components such as SCRs and TRIACs.

Highlights

- Noise and arc suppression
- RC Snubber Network
- Relay contact protection
- Noise reduction on controllers and drives
- EMI/RFI reduction
- dv/dt suppression
- Coated with flame retardant epoxy

Specifications

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| Capacitance Range | 0.10 μ F, 0.25 μ F, 0.50 μ F, 1.0 μ F |
| Capacitance Tolerance | \pm 10 % |
| Rated Voltage | 200 Vdc/125 Vac, 60 Hz thru 1600 Vdc/660 Vac, 60 Hz |
| Operating Temperature Range | -55 $^{\circ}$ C to +85 $^{\circ}$ C at full rated voltage |
| Resistor Tolerance | \pm 10% |
| Resistor Values | 22, 39, 47, 100, 150, 220, 330, 680 ohms |
| Construction | Metallized polyester in series with a anti-surge resistor |
| Dielectric Withstand Voltage | 1.6 x DC rated voltage @ +25 $^{\circ}$ C |
| DC Life Test | 125% of rated voltage for a period of 500 hours at 85 $^{\circ}$ C with capacitance change \leq 5% and DF \leq original limits |
| Long Term Stability | The capacitance shall not change more than 2% when stored at ambient temperature and humidity for a period of two years or less |

