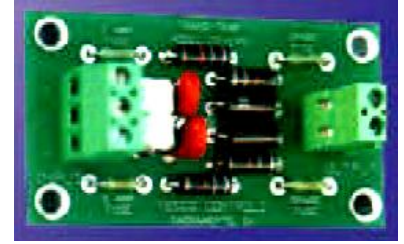


Trans-Trap

12-Stage Lightning/Surge Arrestor

Class: 72699 -Model TT-12

The TRANS-TRAP is a 12-stage surge arrester for analog signal loop applications requiring maximum lightning and transient power surge protection. A unique **6 stage-per-conductor** circuit traps and diverts the majority of transients allowing self restoration of the process signal.



In the event of extremely high transients, replaceable components disrupt and isolate damaging surges from critical control components, thus maintaining the integrity of the control system. Independently reacting line-to-ground discharge components and series dampening circuits are configured to provide these unique

6 stages of protection:

- Triple spark gap dissipater provides high transient line-line and line-ground current diversion.
- Dual input current limiting fast blow fusing provides input circuitry protection.
- Primary stage trap coil provides transient surge dampening.
- Surge limiting provides line-ground current diversion.
- Secondary stage series control element provides in-line surge dampening.
- Final stage energy absorption and voltage clamp.

Benefits

- Improves system reliability
- Controls repair costs due to transients
- Protects critical components
- Cost effective protection



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