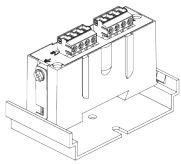
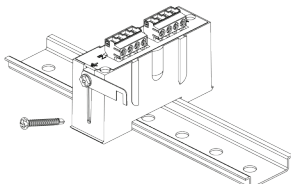


Features

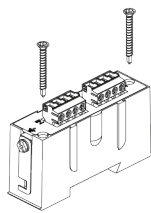
- Fully scalable and field swappable
- Single point grounding
- Hybrid electronics SAD and GDT
- 12 AWG green ground strap
- Polycarbonate plastic case
- Removable terminal connections



Snap Track Mount



35mm Din-Rail Mount



Screw Mount

The first and only truly scalable transient voltage surge suppressor designed to provide ultra low line capacitance with superior protection. Ideal for moves, adds, and changes in system layout, these modules maintain system integrity by protecting against transients introduced into the wiring serving your sensitive electronics.

Reduce downtime associated with power surges and lightning strikes, prevent interruption of recurring monthly revenue based systems, and eliminate non-billable service calls and expensive repairs by protecting your equipment with these invaluable modules that satisfy NFPA72 12.2.3.3, NFPA70 760.32, and NFPA70 805.90 Part III (A).

Applications

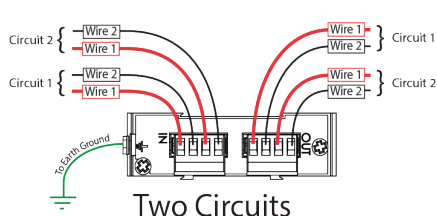
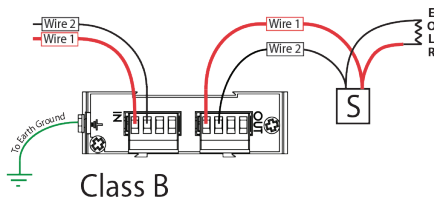
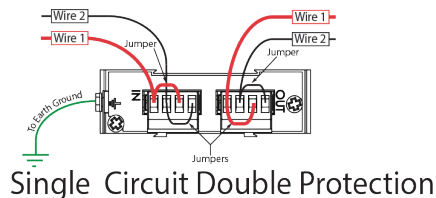
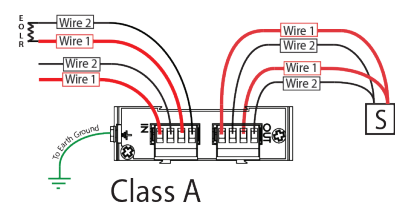
- Fire and life safety
- Video surveillance
- Access control
- Voice/data and building automations
- Gate access
- IP and networks

Specifications

Transient voltage surge protection devices will be UL 497A or B listed device. Each unit shall be field replaceable and provide transient and over voltage protection on all electronic components. The device will employ a single ground bus with single point of ground termination and a 12AWG green ground strap with lug ring conector. All electronics shall be encased in an ABS polycarbonate type AF-312 enclosure for protection. Each device will have pluggable terminal connectors rated from 12-26 AWG with a scalable design that interlocks with other like devices. Mounting options shall be direct screw-in, Snap Track, or standard DIN rail mounting.



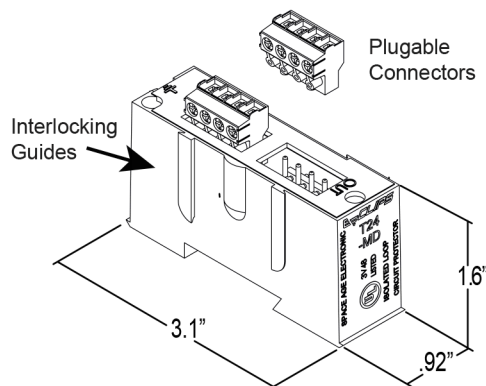
Wiring Diagrams



Performance Specifications

Maximum Surge Current: 10,000A
Clamping Response: <1Pico Second
Circuit Protected: 2 Circuits 4 wires
Current Limiting: TDG - No
Max Continuous Current: TDG - 5A
Connection Type: Screw terminal
Termination Rating: 12AWG – 26AWG
Installation: Series Device
Operating Temp: 45C/113F
Max Humidity: 85%
Weight: 2.08oz

Dimensions



Ordering Information

P/N#	Voltage	Dissipation	Capacitance	MCOV	Clamping Voltage
T05-DG	6v	25j	35pF per circuit	6v	9v
T12-DG	12v	32j	35pF per circuit	14.4v	17v
T24-DG	30v	40j	35pF per circuit	28.8v	34v
T32-DG	43v	58j	35pF per circuit	36v	37.5v
T36-DG	44v	63j	35pF per circuit	36.8v	44.7v
T48-DG	60v	80j	35pF per circuit	57.6v	65v
T70-DG	95v	132j	35pF per circuit	84v	95v
T90-DG	115v	160j	35pF per circuit	108v	122v
T120-DG	130v	212j	35pF per circuit	144v	168v