

TRAFFIC CABINET SURGE & HIGH CURRENT FILTER



The **DOT-25** is a combination Series Hybrid surge suppressor and high-grade current line filter. Built conveniently into one compact unit, the **DOT-25** represents a performance and cost savings over individual surge suppressor and EMI/RF filter units. This approach saves precious cabinet space, wiring and overall protection system costs.

Performance Capabilities:

SURGE SUPPRESSOR:

Peak Current @ 8 x 20us wave form	30,000 Amps
Clamp Voltage	250V @ 30kA
Response Time	< 5ns
Surge Life	25 occurrences @ 30kA (8 x 20us)
Filtering	Line and Neutral to Ground
Steady State Service	120 VAC, 60 Hz, 15 Amps
Technology	Series Hybrid Inductor Circuitry
Regulatory Safety	Exceeds Safety Margins (NEMA TS1-2.1.6.2)
Operating Temperature	-40°C to +85°C
Weight	32 oz.

RF FILTER:

Current Rating (Max.)	60 Amps
Insertion loss – minimum (.5 MHz – 70 MHz)	50 dB
Electrical Configuration (Line/Neutral)	Pi Filter
Voltage Rating	125 VAC

