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

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![Diagram of DOT-25 Surge Cabinet](#)