



**DOT-15A**

The **DOT-15A** was designed to protect traffic cabinets with reliable series hybrid inductor technology. Using MOV banks, a capacitive network combined with series inductors, a high-energy surge is dampened to a harmless non-degrading level. Two independent protection systems are employed between Main Neutral to Ground and Main Line to Ground. This provides isolation between the Neutral and Ground circuits inside of the cabinet where required by specific city, county or state guidelines.

### Performance Capabilities:

Peak Current @ 8 x 20us waveform .....	30,000 amps
Clamp Voltage .....	250V @ 30kA
Response Time .....	< 5ns
Surge Life .....	25 occurrences @ 10kA (8 x 20us)
Filtering .....	Line 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 .....	24 oz.

### Dimensions:

