

Severe-Application Ozone Transformers



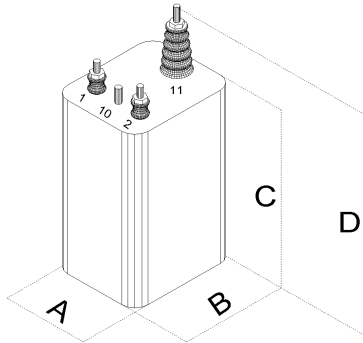
- Designed specifically for harsh electrical and environmental demands imposed by **continuous-duty**, corona-discharge **ozone-** generation and **electrostatic** applications. *UL & CSA Recognized Component.*
- State-of-the-art, **commercial-quality**, design features assure a significant increase in operational performance, where standard ignition and neon transformers routinely fail.
- **Cost-effective, compact** and **high generation-efficient** design typically capable of supporting twice the ozone generation load of a conventional transformer.
- **Hermetically sealed** for long service life in severe service applications such as corona-discharge ozone-generation, electrostatics, and static bars. **2-year limited warranty**

Design Features:

- **Hermetic sealing** with a superior grade of liquid encapsulate, introduced under vacuum, surrounds the critical components ensuring a virtual corona free operating environment within the enclosure, and a **long service life. 2-year limited warranty.**
- This **short-circuit-proof** current limiting transformer is designed to withstand **continuous operation** in the most demanding of electrical and temperature environments.
- All copper windings and a rugged **high-temperature** and high-voltage insulation system, housed in a very compact hermetically sealed enclosure, ensure operation at 85°C.
- **Guaranteed secondary phasing** eliminates high-voltage flash-over between transformers secondary wiring, in systems with multiple transformers.
- Rigorous 100% performance as well as burn-in tests of all electricals are conducted at elevated operating temperatures, to ensure the highest level of product **quality** and **reliability.**
- Custom ceramic high and low-voltage terminations with 10-32 threaded studs enable industry standard **add-on terminations**, such as Rajah (spark plug) and others, to be used.
- **Separate ground stud** ensures proper grounding to the generator and enclosure.
- **Standard configurations** are end and midpoint-grounded **6kv, 8kv, 10kv, 12kv & 15/17kv** units in power ranges from **70 to 250 watts**. Standard designs are **120v/60hz & 220v/50:60hz** (see back for details). Consult the factory for custom configurations.

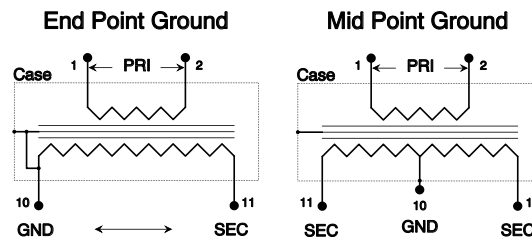
- **Highly qualified technical support**, with a thorough understanding of ozone applications.
- * Optional **dual-positioning**, accessory-mounting brackets available (as shown in illustration). Custom mounting brackets are available upon factory consultation.

Installation Drawing



Dimensional Table Inches (mm)

	Case25	Case30	Case35	Case55
A	3 (76)	3 (76)	3 (76)	3.75 (95)
B	3.75 (95)	3.75 (95)	3.75 (95)	4.5 (114)
C	2.5 (65)	4 (102)	5.75(146)	5.75(146)
D	4.25(108)	5.25(133)	7.5 (191)	8 (203)



Mid Point Style



Mounting Plate

Performance Information

Item	Cat #	Primary Volts/Hz	Max Pri VA	Max Pri Watts	Open Sec KvRMS	Short Sec MA	Style	Case Size	Weight Lbs(Kg)
⇒ 1	30-10618	Ⓛ 120/60	100	70	6	18	End Gnd	30	4.9 (2.2)
⇒ 2	35-10620M	Ⓛ 120/60	215	100	6	20	Mid Gnd	35	6.4 (2.9)
⇒ 3	35-10820M	Ⓛ 120/60	215	100	8	20	Mid Gnd	35	6.5 (2.9)
⇒ 4	35-10827	120/60	260	125	8	27	End Gnd	35	6.5 (2.9)
⇒ 5	35-20827	220/50-60	260	125	8	27	End Gnd	35	8.0 (3.6)
⇒ 6	55-LLH08251/D120	120/240:50-60	330	250	8	48	End Gnd	55	9.0 (4.1)
⇒ 7	55-LLH10151/S120	120/50-60	330	250	10	41	End Gnd	55	9.0 (4.1)
⇒ 8	35-11023	120/60	260	125	10	23	End Gnd	35	6.6 (3.0)
⇒ 9	35-21023	220/50-60	260	125	10	23	End Gnd	35	8.1 (3.7)
⇒ 10	35-11218	120/60	260	125	12	18	End Gnd	35	6.6 (3.0)
⇒ 11	35-21218	220/50-60	260	125	12	18	End Gnd	35	8.1 (3.7)
12	55-11828	120/60	535	150	18	28	End Gnd	55	11.5 (5.2)

⇒ UL & CSA Recognized Component, Ⓛ Suitable for 400hz operation.