

**Model: RM-OT210xxx**  
**Code: IN-10101XX**



*“we ARE the standard”*

**Application:** The RM-OT210xxx is designed for use This device is intended for general load applications at locations ranging from individual equipment disconnects to small service entrances.

The RM-OT210xxx blends component-level, thermal fusing and over-current fusing with a relatively small size. The product also features suppression status indication through a normally-on LED.

These features make these devices some of the most versatile SPDs on the market with superior performance specs and a warranty that is second to none.

**ANSI/IEEE C62.41.1 & C62.41.2-2002 environments:** Suitable for Categories: A, B & C (Most Severe Electrical Environments)

**IEC Environments:** Suitable for use in IEC 61643-11 environments

**Circuit Topology:** Optimal Response Circuitry™ design incorporating component-level, thermal fusing and over-current fusing; All protection circuits are encapsulated to promote long component life and protection from the weather and vibration.

**Protection Modes:** Industry-best practice of dedicated protection components for all operational modes of the electrical system

**Input Power:** 50-400 Hz (60 Hz nominal)

**Temperature Rating:** Up to 65°C

**Diagnostics:** Green LED, normally on.

**Enclosure:** Nema 1, ABS Plastic, UL94-0

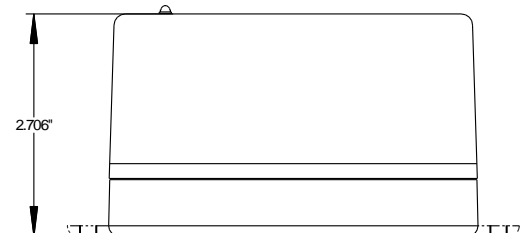
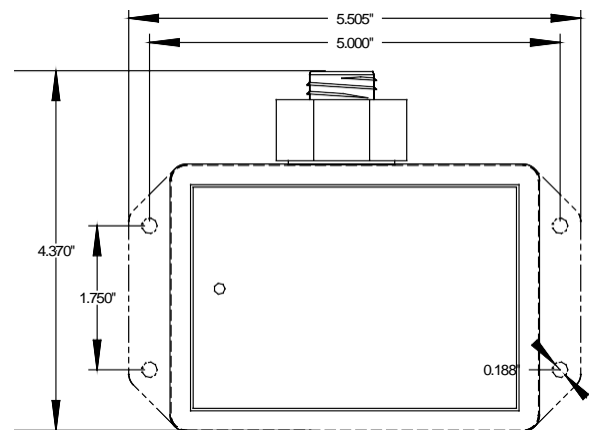
**Circuit Interrupt:** Internal component-level, thermal fusing and, over-current fusing

**Product Qualifications:**  
**ANSI/UL 1449 (4<sup>th</sup> Edition) CSA file: 259700**  
 ISO 9001 Certified Manufacturing Facility  
 2004/2006 TVSS Customer Value Enhancement Award from Frost & Sullivan



## Key Features

- 100 kA Per Phase Peak Surge Current protection
- Industry Leading Measured Limiting Voltage (let-through) Performance
- Independent Verification of Performance and Safety
- 10 Year Free Replacement Warranty



Voltage Code*	MCOV	ANSI/IEEE C62.41.1 & C62.41.2 Let-Through Voltage Test Results (tested w/6" lead length external to the enclosure per UL 1449)		
		Test Mode	Cat A 30 Ω 100 kHz Ring Wave 6 kV 200 A @ 90° Phase Angle	Cat C, 2 Ω Combination Wave 20 kV / 10 kA @ 90° Phase Angle
IN-101101 1P2	320 V	L-N	430 V	977 V
	320 V	L-G	419 V	983 V
	320 V	N-G	956 V	1000 V
3Y1	150 V	L-N	306 V	1,068 V
	300 V	L-L	462 V	1,381 V
	150 V	L-G	300 V	1,048 V
	150 V	N-G	591 V	1,431 V
IN-101103 3Y2	320 V	L-N	430 V	1,334 V
	550 V	L-L	527 V	1,981 V
	320 V	L-G	419 V	1,304 V
	320 V	N-G	956 V	1,721 V
IN-101104 3N4	550 V	L-L	686 V	1,981 V
	550 V	L-G	686 V	2,144 V

**Let-Through Voltage Test Parameters:** Positive Polarity, All voltages are peak ( $\pm 10\%$ ). All tests are static (Scope Settings: Time Base = 20 microseconds, Sampling Rate = 100 Megasamples/sec. These settings assure Let-through voltages test results are accurate). **All tests performed with 6" lead length (external to the enclosure), simulating actual installed performance**

