

Model: RM-OT310600VDC3

Application: The RM-OT310600VDC3 is designed for use on DC applications.

The RM-OT310600VDC3 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 true all mode dedicated protection components for all operational modes of the electrical system.

Input Power: 600 VDC

Temperature Rating: Up to 65°C

Diagnostics: Green LED, normally on.

Enclosure: ABS Plastic, UL94-0

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

Product Qualifications:
ISO 9001 Certified Manufacturing Facility

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 2 kV / 67 A @ 180° Phase Angle	Cat C, 2 Ω Combination Wave 20 kV / 10 kA @ 90° Phase Angle
750 V	P-N	232 V	1400 V
750 V	P-G	232 V	1400 V

Let-Through Voltage Test Parameters: Positive Polarity, All voltages are peak (±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**



“we ARE the standard”



Key Features

- Industry Leading Measured Limiting Voltage (let-through) Performance
- Independent Verification of Performance and Safety
- Component-Level, Thermal Fusing and Over-Current Fusing

