



“we ARE the standard!”

Model: RM-OT2101P1

100 kA Protection

Application: The RM-OT2101P1 is designed for use on electrical utility company reclosers. It is extremely effective in mitigating transients and is an absolute must on 120 volt utility substation relay and recloser panels.

The RM-OT2101P1 blends component-level, thermal fusing and over-current fusing with a relatively small size. The product also features suppression status indication through normally-on LEDs.

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; internal, circuit board mounted 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: 50-60 Hz (60 Hz nominal)

Temperature Rating: Up to 65°C

SPD Type: Type 1 SPD

Nominal Discharge Current (I_n) Rating: 20 kA

Diagnostics: Green LED's, normally on. (One for power, one for protection)

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

Product Qualifications:

ISO 9001-2008 Certified Manufacturing Facility
2004/2006 TVSS Customer Value Enhancement Award from Frost & Sullivan.

RM-OT2101P1	Voltage Protection Rating Category B Test 6kv/3ka	
	L-G	L-N
VPR (MCOV)	600 (150 V)	600 (150 V)



Key Features

- 100 ka Per Phase Peak Surge Current protection
- Rated at 150 mcoV L-N, L-G, N-G
- Component-Level, Thermal Fusing and Over-Current Fusing
- This RM unit is level one in cascade protection system for Utility Company recloser applications. It is designed to attenuate large incoming surges that will be further reduced to harmless levels by the secondary electronic SPD.

AC Power Panel Units



10 Year Unlimited Free Replacement Warranty

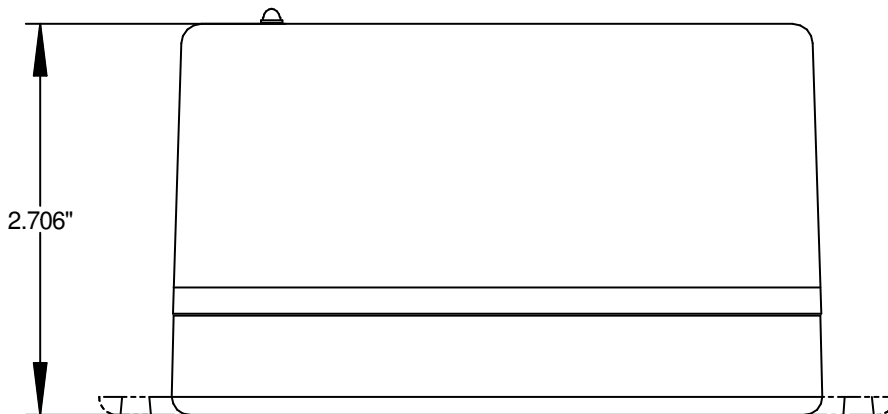
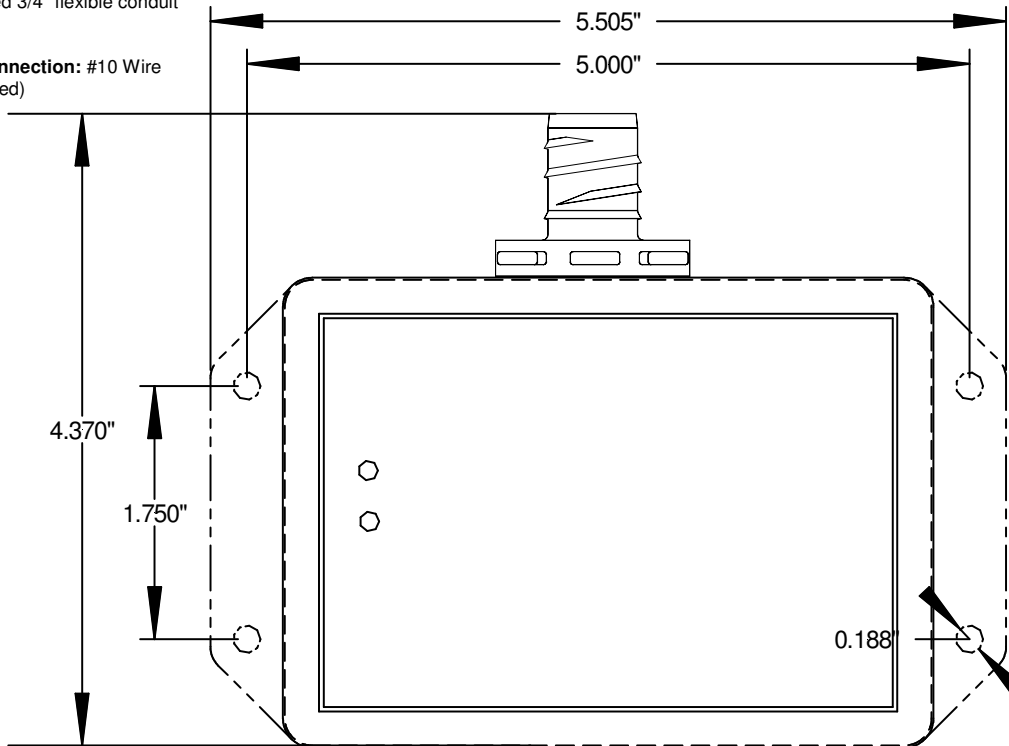
"Power Quality Is Our Business"

MEASURED LIMITING VOLTAGE PERFORMANCE AND ELECTRICAL SPECIFICATIONS					
Model	Circuit Type	MCOV	Model	ANSI/IEEE C62.41.1 & .2-2002 and C62.45-2002 Let-through Voltage Test Results (tested w/6" lead length external to the enclosure per UL 1449)	
				Category B 6kV, 3kA, 2 Ω Impulse Wave, 90° Phase Angle	
RM-OT210-1P1	120 V, Single Ø (2 wire + ground)	150	L-N	447	
			L-G	444	
			N-G	620	

Green LED status indicators,
one for power, one for
protection

Pre-installed 3/4" flexible conduit
connector

Circuit Connection: #10 Wire
(pre-attached)



Mechanical

Because we are constantly seeking to improve our products,
specifications are subject to change at any time.

Energy Control Systems

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Rev Date: 07/20/2012