

## AC2050M Series *Hardwired*

### OEM Surge Suppression Solutions

#### FEATURES

- UL Recognized 1449 2nd Edition February 2007
- Common mode suppression
- LED status indicators visually verify protection
- 70 kA 8/20  $\mu$ s surge current capacity per L-N†

*AC2050M Series utilizes MOVs to protect against transient voltage surges.*

ACData's AC2050M Series offers a durable, hardwired AC surge suppression solution. This compact suppressor is ideal for maximizing budget without compromising surge protection.

The AC2050M utilizes metal oxide varistors (MOVs) to protect your sensitive electronic equipment from the devastating effects of transient voltage surges. Each phase includes an LED status indicator to show protection status. LED "on" indicates suppressor is functional. LED "off" indicates suppressor or AC power failure. The AC2050M is available with or without Form C contact output.



Our production team assembles each product following a strict quality management system.

# AC2050M Series *Hardwired*

## SUPPRESSION CHARACTERISTICS

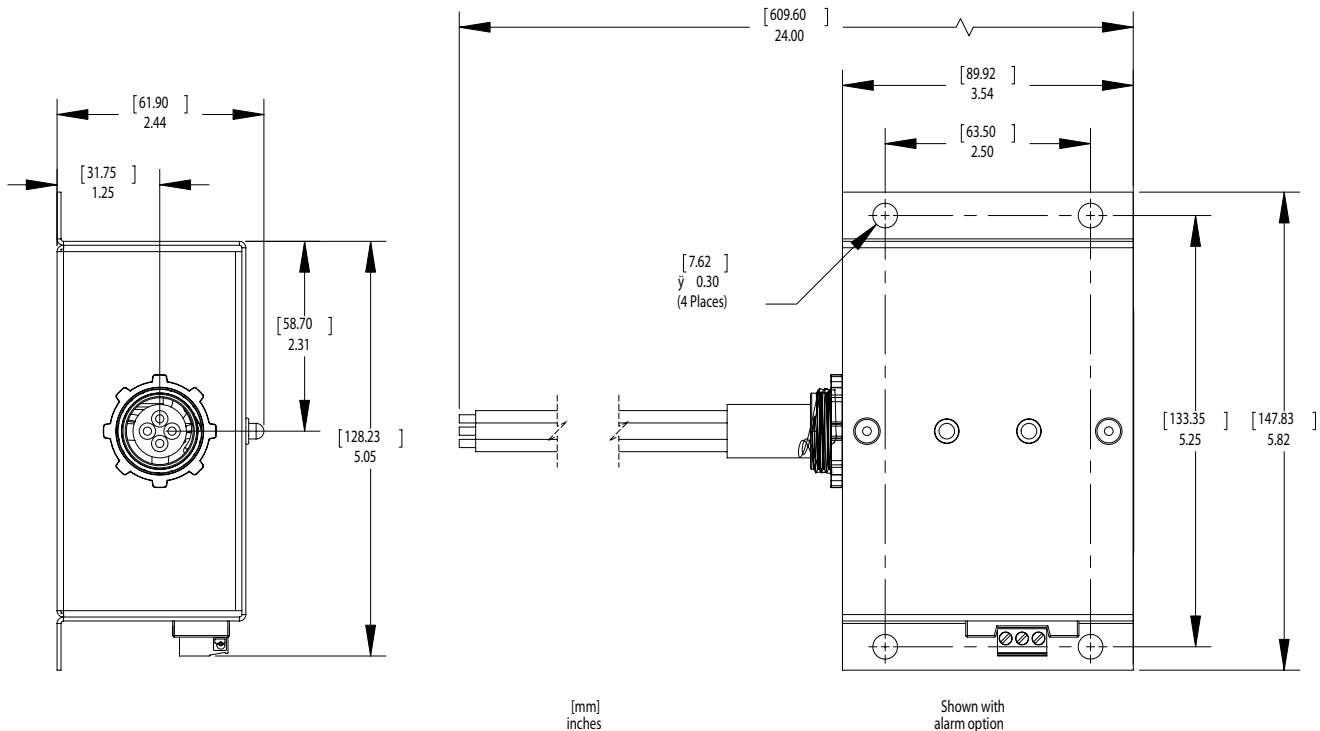
Model Number	AC2050M-07	AC2050M-NA-07
Operating Voltage	1φ 120/240 3W+G	1φ 120/240 3W+G
Surge Current Capacity†	70 kA 8/20 μs L-N	70 kA 8/20 μs L-N
Clamping/Let-through Voltage	<500 V pk @ 500 A 8/20 μs L-N <500 V pk @ 500 A 8/20 μs N-G	<500 V pk @ 500 A 8/20 μs L-N <500 V pk @ 500 A 8/20 μs N-G
Fault Current Rating*	200 kAIC	65 kAIC

## MECHANICAL SPECIFICATIONS

Weight	1.5 lbs. (.68 kg)	1.5 lbs. (.68 kg)
Connection Method for Suppression	Hardwire (with four 10 AWG wires)	Hardwire (with four 10 AWG wires)
Connection Method for Form C	3 Pin Plug for 16-28 AWG wire	N/A
Storage Temperature	-70° C to +80° C	-70° C to +80° C
Operating Temperature	-40° C to +80° C	-40° C to +80° C
Enclosure	Steel (Black Powder Coat)	Steel (Black Powder Coat)

† Based on actual testing at Ryan Labs.

\*When installed within an 8" x 8" x 4" or larger Type 1 enclosure and with a 100 A or smaller breaker.

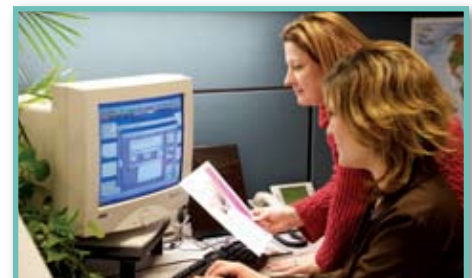


# ACData

SOLUTIONS

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From order entry to shipment processing, ACData is committed to customer service and quality.



ACData is dedicated to exceeding our customers' expectations by providing quality products, personal service, and responsiveness through communication, responsibility, teamwork and innovation. We are committed to complete customer service through a comprehensive warranty plan, 24 hour customer care, and complete engineering support.