

AC2XXV-06-07 Series *Hardwired* OEM Surge Suppression Solutions

FEATURES

- UL Recognized 1449 2nd Edition February 2007
- Visual and remote alarm notification
- 200 kA 8/20 μ s surge capacity per phase
- Alarms degradation and damage without suppressor failure

AC2XXV-06-07 Surge Suppressors protect all types of semiconductor power supplies and electronics by absorbing and shunting transients associated with lightning, switch surges, and inductive switching circuits. The AC2XXV-06-07 is the ideal surge suppression solution for OEM applications which demand reliability yet offer little space, e.g., power pedestals, RBS and PCS cabinets, process control devices, and microcell communication sites.

The AC2XXV-06-07 provides 200 kA 8/20 μ s surge capacity per phase. ACData's patented printed circuit board uses traces, a single trace per individual MOV component. This unique circuit design provides improved performance and reliability. Peak current per pulse is distributed over multiple components, limiting degradation and extending suppressor life.



AC2XXV-06-07 utilizes MOVs to protect against transient voltage surges.



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

AC2XXV-06-07 Series *Hardwired*

SUPPRESSION CHARACTERISTICS

Model Number	AC2XXV-06-07
Suppression Components	MOV
Maximum Energy Dissipation	200 kA/Line

The AC2XXV-06-07 Suppressor provides protection for OEM equipment. Applications include installation in 240/120 or 120 VAC power pedestals, cabinets, and all other microprocessor-based equipment enclosures including medical, telecommunications, and process control devices.

ALARM

LEDs provide visual indicators of operational status. When illuminated, the green LED indicates power is present to the suppressor. The amber and red LEDs will illuminate after more than 50% of the surge suppression components have sacrificed. Dry contacts provide for remote alarm transport in conjunction with external LEDs.

UL 1449 2ND EDITION FEBRUARY 2007 AND C-UL RECOGNIZED

The AC2XXV-06-07 surge protection device carries the UL and C-UL Registered marks designating compliance with UL 1449 2nd Edition February 2007. The suppressor's surge current rating under UL 1449 2nd Edition is 400 V for units utilizing MOV components.

MECHANICAL AND ELECTRICAL INSTALLATION

Install the suppressor as close as possible to the AC power terminals. The unit base plate measures 4.6" (11.7 cm) H x 9.67" (24.5 cm) W 2.5" (6.35 cm) D. Four holes in the base plate accept up to a #10 screw or bolt. Four terminal lugs on the suppressor case are provided to connect the suppressor to the "hot" and "neutral" lines. A "pigtail" of #10 AWG wire is supplied for each connection.

PATENTS

This product may be covered by one or more of the following Patent Numbers: Des. 362,232; Des. 361,314; 5,602,532; 5,701,227; 5,790,360. Other patents pending.

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



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ISO 9001:2000



Schedule
Contract GS-07F-0036J

HUBZone
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NATIONAL ASSOCIATION OF
ELECTRICAL DISTRIBUTORS
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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.