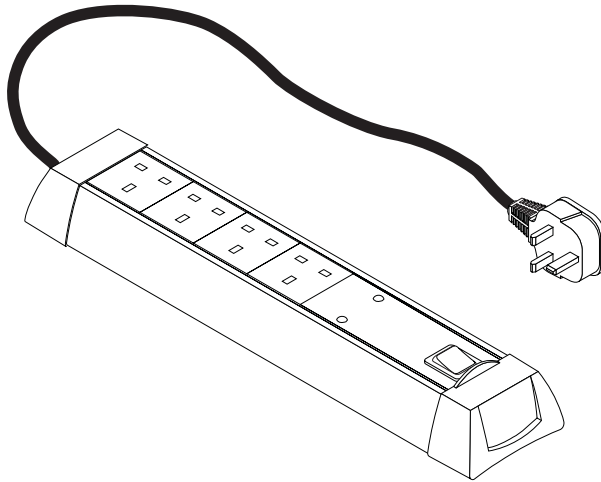


SurgeArrest®

User's Manual
Model Pro4-K



APC™
AMERICAN POWER CONVERSION

Thank You

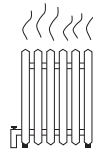
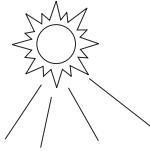
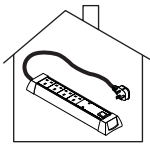
Thank you for choosing the APC SurgeArrest! The APC SurgeArrest has been designed to provide the highest level of convenience and protection from power line spikes, surges, and EMI/RFI noise.

⚠ Safety

Please read all of these instructions before installing the SurgeArrest. Connect the SurgeArrest to a two-pole, three-wire earthed mains socket. The SurgeArrest is intended for indoor use only. Please follow the installation instructions below.

Installation

- Place the SurgeArrest in a protected area where the temperature and humidity do not exceed the limits listed in the specifications section.



- Plug the SurgeArrest into the mains and check the *Site Wiring Fault* (⚠) and *Protection Working* (220-240V~) indicators. If the *Site Wiring Fault* indicator is lit, or if the *Protection Working* indicator is not lit, do not use the SurgeArrest. See the Troubleshooting section below.

Troubleshooting

- Do not disassemble the SurgeArrest. There are no user-serviceable parts inside.

- The *Site Wiring Fault* (Δ) indicator will illuminate when the SurgeArrest detects that the building's protective earth wire is missing. If this indicator is lit, do not use the SurgeArrest. Call a qualified electrician to correct the service wiring. Even though equipment appears to operate normally with the *Site Wiring Fault indicator* on, faulty building wiring could become a shock hazard and prevents the SurgeArrest from providing rated surge and noise suppression.
- The *Protection Working* (220-240~) indicator is normally on as long as the SurgeArrest is plugged in. The indicator is off when the SurgeArrest has disconnected itself from the utility due to a sustained ultra high energy surge such as a direct lightning strike. In this way, such catastrophic events will not have the opportunity to reach your equipment. If this indicator is off, first check the mains circuit breaker to make sure that the SurgeArrest is receiving power.

Specifications	PRO4-K
Nominal line voltage	220-240 Vac 50/60 Hz
Maximum line current	10 Amps, continuous
ANSI C62-41 (IEEE 587) let through voltage, ± 6 kV Category A	<5%
Surge energy capacity (total performance rated with one 10/1000 μ s pulse)	320 Joules
Peak surge current normal mode/common mode (rated with one 8/20 μ s pulse)	13/13 kAmps
EMI/RFI noise rejection (normal mode rejection over 100 kHz to 10 MHz)	20-70 dB
Operating environment	40° C (104° F) 0 to 95% relative humidity

Limited Warranty

APC warrants SurgeArrest Pro4-K to be free from defects in materials and workmanship under normal use and service for 3 years. Its obligation under this warranty is limited to repairing or replacing, at its sole option, any such defective products. To obtain service under warranty you must obtain a Returned Materials Authorization from APC or an APC service center. Return the product with transportation charges prepaid. Accompany the product with a brief description of the problem and proof of date and place of purchase. This warranty applies only to the original purchaser.

Technical Support and Customer Service

Ireland	1-800-702000
United States and Canada	1-800-800-4272
U. K.	0800-132990
In other areas	+1 401 789 5735 (USA) or +353 91 702020 (Ireland)

Return Shipment Address

American Power Conversion Corp. (A.P.C.) b.v. Ballybritt Business Park Galway Ireland	American Power Conversion Corp. 132 Fairgrounds Road P.O. Box 278 West Kingston, Rhode Island 02892 USA
---	---

Entire contents copyright © 1998 American Power Conversion. All rights reserved; reproduction in whole or in part without written permission is prohibited. SurgeArrest is a registered trademark of APC. All other trademarks are the property of their respective owners.