

File E200258  
Project 05ME15108

February 3, 2006

REPORT

on

COMPONENT - TRANSIENT VOLTAGE SURGE SUPPRESSORS  
(XUHT2, XUHT8)

Raycap Corporation  
Athens Greece

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## DESCRIPTION

## PRODUCT COVERED:

USR, CNR, Component - Transient Voltage Surge Suppressors, Models Strikesorb 40-120 Rev07, Strikesorb 40-240 Rev07, Strikesorb 40-277 Rev07, Strikesorb 40-380 Rev07, Strikesorb 80-120 Rev07, Strikesorb 80-240 Rev07, Strikesorb 80-277 Rev07, Strikesorb 80-380 Rev07, Strikesorb 80-480 Rev07, and Strikesorb 80-600 Rev07.

## General:

USR - These products have been found to comply with the electrical requirements of UL 1449, Standard for Transient Voltage Surge Suppressors, Second Edition, including requirements effective February 9, 2007.

CNR - Indicates investigation to Canadian Standard, C22.2 No. 8 - M1986, Electromagnetic Interference Filters and Electrical Certification Notice No. 516.

The products covered by this report are component transient voltage surge suppressors, suitable for permanently connected applications. They are intended for indoor use only.

These products are intended to limit the max amplitude of transient voltage surges on power lines to specific values. They are not intended to function as Secondary Surge or Lightning Arresters. They are intended to be installed on the load side of the main overcurrent protection.

They have been tested to verify that the transient voltage surges are limited to the max amplitudes specified by the manufacturer when subjected to a 1.2 by 50 us, 6 kV voltage surge.

The effect of the suppressor on connected loads, the effect of the suppressor on harmonic distortion of the supply voltage and the adequacy of the suppression level to protect connected equipment from damage due to transient voltage surges has not been evaluated.