

## SPECIFIC TECHNICAL CRITERIA

|  |  |
|--|--|
| <b>UL 60950-1, First Edition<br/>Information technology equipment - Safety-<br/>Part 1: General Requirements</b> |  |
| Report Reference No .....  | E193009-A14-UL-1   |
| Compiled by .....  | Jong Lee   |
| Reviewed by .....  | Stephen Ho   |
| Date of issue .....  | 2007-11-09   |
| Standards .....  | UL 60950-1, 1st Edition, 2006-07-07 (Information Technology Equipment - Safety - Part 1: General Requirements)<br>CSA C22.2 No. 60950-1-03, 1st Edition, 2006-07 (Information Technology Equipment - Safety - Part 1: General Requirements)                      |
| Test procedure .....   | Component Recognition  |
| Non-standard test method .....   | N/A  |
| <b>Test item</b> description .....   | DC-DC Converter  |
| Trademark .....  | None   |
| Model and/or type reference .....  | LCD15-xSzaaaaaaaaa, LCD15-xSzWaaaaaaaa, LCD15-xDzaaaaaaaaa, LCD15-xDzWaaaaaaaa, (x=12, 24 or 48; z=3P3, 05, 12, 15; a may be any alphanumeric character, "-" or blank for marketing purpose and no impact safety related critical components and constructions.) |
| Rating(s) .....  | For Models LCD15-xSzaaaaaaaaa, LCD15-xSzWaaaaaaaa, See Miscellaneous 7-01 for details.<br>For Models LCD15-xDzaaaaaaaaa, LCD15-xDzWaaaaaaaa, See Miscellaneous 7-02 for details.   |

### GENERAL PRODUCT INFORMATION:

|              |   |
|--------------|---|
| <b>CF1.0</b> | <b>Engineering Conditions of Acceptability</b>  |
| CF1.1        | For use only in or with complete equipment where the acceptability of the combination is determined by Underwriters Laboratories Inc.<br>When installed in an end-product, consideration must be given to the following:  |
| CF1.5        | The following secondary output circuits are SELV: All outputs.  |
| CF1.7        | The following secondary output circuits are at non-hazardous energy levels: All outputs.  |
| CF1.11       | The power supply terminals and/or connectors are: Suitable for factory wiring only  |
| CF1.13       | The investigated Pollution Degree is: 2   |
| CF1.19       | The following end-product enclosures are required: Mechanical, Fire, Electrical   |
| CF2.0        | The component is considered as functional insulation and intended to be installed in isolated secondary circuit which is separated from primary circuit by Reinforce or Double insulation, additional tests of Humidity Test should be considered in the end product. |
| CF2.1        | The DC-DC Converter is intended for use with power source provided with overcurrent protective device rated not higher than T2.5A, 250Vac.  |