

DESCRIPTION

GENERAL:

Insulation System		CC	Class
Model	PSCL		
*LPS152, LPS153, LPS155	42061001990 Issue 13	T1	F
*LPQ152, LPQ153, LPQ154	42061001940 Issue 12	T1 L13	F F

TECHNICAL CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVE'S USE):

General - For use only in complete equipment where the acceptability of the combination is determined by Underwriters Laboratories Inc.

These products were evaluated to the Standard for Safety of Information Technology Equipment, including electrical business equipment, UL 60950-1 Second Edition, dated March 27, 2007 and CAN/CSA-C22.2 No.60950-1-07, Second Edition, March 27, 2007

Conditions of Acceptability - When installed in the end-use equipment, the following are the considerations to be made:

1. A suitable enclosure shall be provided in each end-use equipment.
2. A suitable power supply disconnection means is to be provided by the end-use equipment.
3. The power supplies have only been evaluated for use in pollution degree 2 environment.
4. The secondary outputs of the power supplies are unearthed non-energy hazard SELV. Method 1 of Sub-Clause 2.2 is used to maintain the insulation of SELV from main circuits.
5. The power supplies are intended for use in Class I equipment.
6. These power supplies are not directly connected to protective earth of the branch circuit. Suitable earthing means to be provided by the end product.
7. The power supplies have been evaluated for use in 25°C and 50°C ambient.

- * 8. These components have been judged on the basis of the required creepages and clearances in the Standard for Safety of Information Technology Equipment, including electrical business equipment, UL 60950-1 **Second Edition, dated March 27, 2007** and CAN/CSA-C22.2 No. **60950-1-07, Second Edition, March 27, 2007**, Sub-clause 2.10, which covers the end-use product for which the component was designed. Operational insulations have been evaluated by conducting Component Failure tests per Sub-clause 5.3.4(c) of UL **60950-1-07 Second Edition** and CAN/CSA C22.2 No. **60950-1-07**.
9. The secondary output connector has not been evaluated for field connection.
10. These power supplies were evaluated under the assumption that the power source is a TN-S system as defined by UL **60950-1-07 Second Edition** and CAN/CSA C22.2 No. **60950-1-07**.

MODEL DIFFERENCE:

Models LPS152, LPS153 and LPS155 are similar to each other except the output rating, power transformer and some secondary components.

Models LPQ152 and LPS152 are similar to each other except Model LPS152 has one output and Model LPQ152 has four outputs.

Models LPQ152, LPQ153 and LPQ154 are similar to each other except the output rating, power transformer and some secondary components.