

DESCRIPTION

GENERAL:

<u>MODEL</u>	<u>PSCL</u>	<u>INSULATION SYSTEM</u>	
		<u>CC</u>	<u>CLASS</u>
*LPQ112, LPQ113 LPQ114	420-61001600 Issue 6	T1 L1	F B
*LPS112, LPS113, LPS114, LPS115, LPS118	420-61001610 Issue 8	T1 L1	F B

ENGINEERING 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.

Condition 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 2 of Sub-clause 2.3 is used to maintain the isolation of SELV from mains 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 Second Edition of the Standard for Information Technology Equipment Including Electrical Business Equipment, UL 1950, Sub-clause 2.9, 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 5.4.6 of UL 1950.
9. The input and output connectors have 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 1950.

MODEL DIFFERENCES:

Models LPQ113 and LPQ114 are similar to Model LPQ112 except for the output rating, power transformer's secondary windings and some secondary components.