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REPORT

COMPONENT - POWER SUPPLIES, INFORMATION TECHNOLOGY EQUIPMENT
INCLUDING ELECTRICAL BUSINESS EQUIPMENT

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DESCRIPTION

GENERAL:

<u>MODEL</u>	<u>PSCL</u>	<u>INSULATION SYSTEM</u>	
		<u>CC</u>	<u>CLASS</u>
*LPS152, LPS153, LPS155	420-61001990 Issue 5	T1 L13	F F
*LPQ152, LPQ153, LPQ154	420-61001940 Issue 6	T1 L13	F F

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.

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 2.3 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 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 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 1950.

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.