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REPORT

On

POWER SUPPLIES, INFORMATION TECHNOLOGY EQUIPMENT

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DESCRIPTION

PRODUCT COVERED

USL, CNL - Switching Power Supply, Model DCH2-050US for use in Information Technology Equipment.

ELECTRICAL RATINGS:

MODEL	INPUT	OUTPUT
DCH2-050US	AC 100 - 240 V 150 mA 50 / 60 Hz	6.5 V dc, 300 mA

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

The unit covered in this Report is switching-mode type power supply and employs isolating type step-down transformer. This unit is a direct plug-in type and provided with non-polarized parallel blades for insertion into a standard receptacle. This unit has a thermoplastic enclosure. The input voltage selection of unit is done automatically by the power supply's internal circuitry.

The output voltage is considered SELV non-energy hazard. A length of flexible cord with thermoplastic insulation and terminated in a non-standard polarized connector is provided for a connection to Information Technology Equipment. This power supply is intended for use in a controlled environment.

USL and CNL indicate this unit has been found to comply with UL 60950-1, First Edition and CAN/CSA C22.2 No. 60950-1-03.

Special Considerations - The following items are considerations that were used when evaluating this product.

The equipment is considered direct plug-in, Class II equipment, intended for use on TN power system and pollution degree 2 environment.

This unit has been evaluated for use in a 45 °C ambient.

The transformer, T1 employs a Class A electrical insulation system.

The unit has been evaluated as a limited power source.

Disconnect Device - The parallel blades of this unit is considered as the disconnect device.