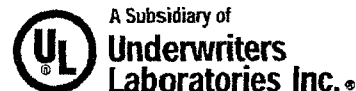


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File E137006

Project 01NK22581

June 15, 2001

REPORT

on

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

Puls Elektronische Stromversorgungen GmbH  
Munich, Federal Republic of Germany

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## DESCRIPTION

## PRODUCT COVERED:

USR/CNR - Switch Mode Power Supply.

## ELECTRICAL RATING: (Optional)

Model	Input, ac			Input, dc		Output, dc	
	V	A	Hz	V	A	V	A
SL20.T1X	400-500	1.7-1.5	50/60	510	1.5	24.5-28	20-17.5

T stands for 3 or 6

X stands for any character or number.

## ENGINEERING CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVE'S USE):

Use - For use only in (or with) complete equipment where the acceptability of the combination is determined by Underwriters Laboratories Inc.

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

USR/CNR indicates investigation to the U.S. and Canadian (Bi-National) Standard for Safety of Information Technology Equipment, CAN/CSA-C22.2 No. 60950-00 and UL 60950, Third Edition dated December 1, 2000.

The component was submitted by the manufacturer for use in a maximum air ambient of 60°C.

The equipment is for building in, Class I (earthed), intended for use on TN Systems.

The suitability of a printed wiring board trace as part of the protective earthing was evaluated. See ILL. 1 and Ill. 2 for layout.

## and Report

Conditions of Acceptability - When installed in the end product, consideration shall be given to the following.

1. This component has been judged on the basis of the required spacings in the Standard for Information Technology Equipment, Including Electrical Business Equipment, CSA C22.2 No. 60950-00 and UL 60950 Third Edition.
2. The product was tested on a 20 A branch circuit. If used on a branch circuit greater than this, additional testing may be necessary.
3. The secondary output circuits are SELV and are at hazardous energy levels.
4. The terminals and connectors are approved for field wiring.
5. Magnetic device (e.g. transformer, inductor) T200 employs an (OBJY2) electrical insulation system Class F designated P-F2.
6. The equipment has been evaluated for use in a Pollution Degree 2 environment.
7. A suitable Mechanical, Electrical and Fire Enclosure shall be provided.
8. The following components should be given special consideration during end-use Heating tests because of temperatures achieved during component level testing:

<u>Component</u>	<u>Model</u>
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<u>Maximum Temperature Achieved</u>
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Transformer T200
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127°C at 60°C ambient
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