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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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committed to quality service

D E S C R I P T I O NPRODUCT COVERED:

USR, CNR - Switching Power Supply Model SL10.xyy.

ELECTRICAL RATING:

Model	Input, (ac)			Output, (dc)	
	V	A	Hz	V	W (max)
SL10.xyy	400-500	0.8-0.7	50-60	24-28	240
	3 wire + PE (three phase)				
	400-500	1.2	50/60	24-28	240
	2 wire + PE (two phase)				

x represents 3 or 6 (customer specific versions, not safety relevant).  
yy represent alphanumeric characters for customer specific versions, not safety relevant.

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

Use - For use only in 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 \* 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 power systems.

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 \* UL60950 Third Edition.
2. The product was tested on a 15 A branch circuit. If used on a branch circuit greater than this, additional testing may be necessary.
3. The outputs are SELV, hazardous energy level.
4. The terminals are suitable for field wiring with the restriction of using ferrules.
5. The power supply shall be properly bonded to the main protective earthing termination in the end product.
6. Magnetic device (transformer) T1 employs an (OBJY2) electrical insulation system class F.
7. The maximum working voltage present is 504 V peak, 360 V RMS (Delta: 940 V peak, 518 V RMS). The electric strength tests in the end use product shall be based on this value.
8. The equipment has been evaluated for use in a Pollution Degree 2 environment.
9. A suitable fire enclosure shall be provided.
10. The unit is approved for three phase and two phase use.

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>	<u>Maximum Temperature Achieved</u>
Transformer TR1		114°C at 60°C ambient
C22, C25		90°C at 60°C ambient
V45		117 °C at 60° ambient