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REPORT

on

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

Puls Elektronische Stromversorgungen GmbH
Munich, Germany

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DESCRIPTION

PRODUCT COVERED:

USR, CNR - Switching Power Supply Model SL10.xxx, SLR10.xxx.

ELECTRICAL RATING:

Model	Input (ac)			Output (dc)	
	V	A	Hz	V	W (max)
SL10.xxx [®]	100-120/210-240	6.0/2.8	50/60	24-48	240
SLR10.xxx [®]					

[®] x stands for customer specific versions and versions with different output voltage range or reduced output power.

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. 950-95 and UL 1950, Third Edition dated July 28, 1995 including revisions through revision date June 22, 1998, which are based on the Fourth Amendment to IEC 950, Second Edition.

The component/equipment 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. 950 * UL 1950 Third Edition.
2. The product was tested on an R/C (DKSY2) ABB, Type S261 rated 10 A, 277/480 V supplementary circuit protector. 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.
5. The power supply shall be properly bonded to the main protective earthing termination in the end product.
6. Magnetic device (e.g. transformer, inductor) T1 employs an R/C (OBJY2) electrical insulation system Class F.
7. The maximum working voltage present is 635 V peak, 416 V rms. The electric strength tests in the end product shall be based on this value.
8. The equipment has been evaluated for use in Pollution Degree 2 environment.
9. A suitable Fire enclosure shall be provided.
9. The following components should be given special consideration during end-use Heating tests because of temperatures achieved during component level testing:

<u>Component Model</u>	<u>Maximum Temperature Achieved</u>
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Resistor R103	99°C
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