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**REPORT**

on

**\*INDUSTRIAL CONTROL EQUIPMENT - MISCELLANEOUS APPARATUS**

Puls Elektronische Stromversorgungen GmbH  
Munich, Federal Republic of Germany

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## DESCRIPTION

## PRODUCT COVERED:

USL, CNL - Industrial Control Equipment, Open Type Switching Power Supplies, Models SL4.100, SL5.XXX, SLR5.XXX, SL10.XXX, SLR10.XXX, DN2013, OPS110.1 and SVG-SEC-48-6,  
\* SLR10.100, OPS110.2.

## GENERAL:

These devices are open type switching power supplies for use in industrial control equipment.

## ELECTRICAL RATING:

See Nomenclature for model similarities.

Model	Input V	A	Hz	Output, dc V      A	W (max)
SL5.XXX, SLR5.XXX	115/230	2.6/1.4	50-60	24      5	
* SL10.XXX, SLR10.XXX, DN2013, OPS110.1, SVG-SEC-48-6, SLR10.100, OPS110.2	115/230	6/2.8	50-60	24-48	240
SL4.100	115/230	2.6/1.4	50-60	24      4	

\* Max surrounding air temperature for all models 60°C

## NOMENCLATURE:

The Models SLR5.XXX and SLR10.XXX are identical to Models SL5.XXX and SL10.XXX except for additional diode in series to the output.

The Models DN2013, OPS110.1 and SVG-SEC-48-6 are identical to model SL10.XXX

\* The Models SLR10.100 and OPS110.2 are identical to Model SLR10.XXX.

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

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

USL: Indicates investigation to the U.S. Standard UL508, 17<sup>th</sup> Edition.

CNL: Indicates investigation to Canadian National Standard(s)

C22.2 No. 14-95.

Note: CNL = Canadian National Standards - Listed.

USL = United States Standards - Listed.

This model has been evaluated to UL 508, 17<sup>th</sup> edition and UL 840, 2<sup>nd</sup> edition for spacing and acceptability for use in an ambient of pollution \*  
\*degree 2 and maximum air ambient of 60 °C.