

## DESCRIPTION

## PRODUCT COVER:

USR, CNR: Power supply, Model DLP75-24-1, DLP100-24-1, DLP120-24-1, DLP180-24-1, DLP240-24-1, CY307-24, CY310-24, CY312-24, CY318-24, CY324-24. Maybe be followed by suffix E, /E, EJ, /CO, /ECO, /EJCO. DLP75-24-1 and DLP100-24-1 may be followed by suffix /C2.

## RATINGS:

## Electrical Ratings:

Model	Input, ac/dc			Output, ac/dc	
	V	Hz	A	V	A
DLP75-24-1, CY307-24	100-120	50/60	1.9	24	3.1
	200-240	50/60	1.1		
DLP75-24-1/C2	100-120	50/60	1.9	24	2.5
	200-240	50/60	1.1		
DLP100-24-1, CY310-24	100-120	50/60	2.5	24	4.1
	200-240	50/60	1.4		
DLP100-24-1/C2	100-120	50/60	2.5	24	3.7
	200-240	50/60	1.4		
DLP120-24-1, CY312-24	100-120	50/60	3.2	24	5
	200-240	50/60	1.6		
DLP180-24-1, CY318-24	100-240	50/60	2.7	24	7.5
DLP240-24-1, CY324-24	100-240	50/60	3.5	24	10

Temperature Rating - (specification refer to instruction manual)

## ENGINEERING CONSIDERATIONS (NOT FOR UL 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, Including Electrical Business Equipment, CSA C22.2 No. 60950-1-07, 2nd Edition, Dated March 27, 2007, UL 60950-1, 2nd Edition, Dated March 27, 2007.

Note: DLP75-24-1/C2 and DLP100-24-1/C2 have been evaluated to NEC NFPA70 Class 2 output per UL1310.

Temperature tests were conducted with the unit delivering various output current at various temperature rating according the instruction manual. All temperatures were within the maximum allowable limits. The need to monitor temperatures of all coils and components during the end product testing shall be determined.

The component is for building in, Class I (earthed) intended for use on a TN power system.

Conditions of Acceptability - When installed in the end use equipment, the following are among the considerations to be made.

- \*1. The component has been judged on the basis of the required creepage and clearances in the Standard for Information Technology Equipment, CSA C22.2 No. 60950-1-07, 2nd Edition, Dated March 27, 2007, UL 60950-1, 2nd Edition, Dated March 27, 2007.
2. All secondary output circuits are SELV. The output is considered to be at energy hazard.
3. The power supply shall be properly bonded to the main protective earthing termination in the end product.
4. The equipment has been evaluated for use in a pollution Degree 2 environment.
5. A temperature test shall be conducted in the end product. Consideration shall be given to measuring the temperature on power electronic components, inductors and transformer windings when the power supply is installed in the end use equipment. All transformers employ a Class F electrical insulation system.
6. Consideration shall be given to the accessibility of hazardous primary circuits in the end use product.
7. The input and output connections are not acceptable for field connections and are only intended for connection to mating connectors of internal wiring inside the end use machine. The acceptability of these and the mating connectors relative to secureness, insulating materials, and temperature shall be considered.
8. The Protective Earthing Trace Earth Fault Current Test has been performed on the power supplies.