

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

USR, CNR: Power supplies Models JWS100-3, -5, -12, -15, -24, -48 Series. May be provided with suffix "R" and suffix "A".

RATINGS:

Model	Input			Output	
	V ac	Hz	A	V dc	A
JWS100-3	100-240	50/60	1.1	3.3	20
JWS100-5	100-240	50/60	1.5	5	20
JWS100-12	100-240	50/60	1.5	12	8.5
JWS100-15	100-240	50/60	1.5	15	7.0
JWS100-24	100-240	50/60	1.5	24	4.5
JWS100-48	100-240	50/60	1.5	48	2.1

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.

Conditions of Acceptability - When installed in the end product, considerations 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, UL 1950, Subclause 2.9, Third Edition.

2. All secondary output circuits are SELV and are not hazardous energy levels.

3. The power supply shall be properly bonded to the main protective earthing termination in the end product.

4. The maximum working voltage primary to secondary present is 720 Vp. The electric strength test in end product shall be based on this value.

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5. The equipment has been evaluated for use in a Pollution Degree 2 environment.

6. The power supply is considered for use in a maximum ambient as follows:

Maximum Ambient, °C	Condition	
	Cover	Load Factor Percent
50	Not provided	100
40	Provided	100
60	Not provided	60
50	Provided	60

7. The terminals are suitable for factory wiring only.

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

USR, CNR indicates investigation to the U.S. Standard for Safety of Information Technology Equipment Including Electrical Business Equipment, UL 1950 and CSA C22.2 No. 950-95, Third Edition dated July 28, 1995.

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

8. The heatsink for diode bridge D1 is considered to be at primary potential. The suitability of the final enclosure in respect to clearance is to be determined as part of the end product.

CONSTRUCTION DETAILS:

See Sec. Gen. for additional details, except as noted below.

Model Differences - Suffix "R" provided for Models with remote control circuit. Suffix "A" provided for Models with optional cover.

Printed Wiring Board (600 CTI Minimum) - R/C (ZPMV2) Shoie Print, Type 600 constructed using R/C (QMTS2) Matsushita Electric, Type R1781 or R1786; or R/C (ZPMV2) Taiyo Industry, Type 2VC constructed using R/C (QMTS2) Matsushita Electric, Type R1786.

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